



The Global Language of Business

# Applying GS1 Standards for DSCSA and Traceability

Addendum: Guidance and XML Examples for Supply Chain Choreographies in Serialized Item-Level Management

*Release 1.3, May 26, 2023*

---





# Table of Contents

- 1 Introduction ..... 4**
  - 1.1 Document Information ..... 4
  - 1.2 The GS1 US DSCSA Implementation Suite ..... 4
  - 1.3 Purpose ..... 5
  - 1.4 Scope ..... 5
  - 1.5 Reference Document ..... 5
  
- 2 EPCIS Events for Serialized Item-Level Traceability ..... 6**
  - 2.1 Supply Chain Scenarios ..... 6
    - 2.1.1 Choreographed Supply Chain Scenarios ..... 6
    - 2.1.2 Statement Only Supply Chain Scenarios ..... 7
  - 2.2 Choreographed Supply Chain Scenarios ..... 8
    - 2.2.1 Direct Purchase Scenario ..... 8
    - 2.2.2 Indirect Purchase Scenario ..... 12
    - 2.2.3 Direct and Indirect Purchase Scenario ..... 17
    - 2.2.4 Drop Shipment, Scenario #1 - Product and Data sent directly to Dispenser ..... 23
    - 2.2.5 Drop Shipment, Scenario #2 - Product sent directly to Dispenser, Wholesale Distributor manages the Data ..... 26
    - 2.2.6 Exclusive Distributor Scenario ..... 29
    - 2.2.7 Co-License Partner Scenario ..... 34
    - 2.2.8 Consignment Scenario ..... 37
    - 2.2.9 Repackaging Scenario ..... 41
    - 2.2.10 340B Program Scenario ..... 46
    - 2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain ..... 51
  - 2.3 Statement Only Supply Chain Scenarios ..... 60
    - 2.3.1 Contract Manufacturing Scenario ..... 60
    - 2.3.2 Contract Packaging Scenario ..... 60
    - 2.3.3 Charitable Donation Shipment Scenario ..... 60
    - 2.3.4 Third Party Logistics (3PL), Scenario #1 – Manufacturer employs a 3PL for logistics services for a physical product ..... 61
    - 2.3.5 Third Party Logistics (3PL), Scenario #2 – Manufacturer employs a 3PL for logistics services and taking customer orders ..... 61
    - 2.3.6 Third Party Logistics (3PL), Scenario #3 – Manufacturer employs a 3PL for logistics services, taking customer orders, and performing compliance reporting ..... 61
    - 2.3.7 Virtual Manufacturing Scenario ..... 61
    - 2.3.8 Reverse Logistics Provider (RLP), Scenario #1 - Product is sent to a RLP for disposal .... 61
    - 2.3.9 Reverse Logistics Provider (RLP), Scenario #2 - Product is returned to Wholesaler and verified for resale ..... 62
    - 2.3.10 Reverse Logistics Provider (RLP), Scenario #3 - Product is returned to Manufacturer or Third Party acting on behalf of Manufacturer ..... 62
  
- Appendix A: Glossary ..... 63**
- Appendix B: XML Examples for Choreographed Supply Chain Scenarios ..... 67**

## About GS1

GS1® is a neutral, not-for-profit, global organization that develops and maintains the most widely used supply chain standards system in the world. GS1 Standards improve the efficiency, safety, and visibility of supply chains across multiple sectors. With local Member Organizations in over 110 countries, GS1 engages with communities of trading partners, industry organizations, governments, and technology providers to understand and respond to their business needs through the adoption and implementation of global standards. GS1 is driven by over a million user companies, which execute more than six billion transactions daily in 150 countries using GS1 Standards.

## About GS1 US

GS1 US®, a member of GS1 global, is a not-for-profit information standards organization that facilitates industry collaboration to help improve supply chain visibility and efficiency through the use of GS1 Standards, the most widely used supply chain standards system in the world. Nearly 300,000 businesses in 25 industries rely on GS1 US for trading partner collaboration that optimizes their supply chains, drives cost performance and revenue growth, while also enabling regulatory compliance. They achieve these benefits through solutions based on GS1 global unique numbering and identification systems, barcodes, Electronic Product Code (EPC®)-based RFID, data synchronization, and electronic information exchange. GS1 US also manages the United Nations Standard Products and Services Code® (UNSPSC®).

## About GS1 Healthcare

GS1 Healthcare is a global, voluntary healthcare user group developing global standards for the healthcare supply chain and advancing global harmonization. GS1 Healthcare consists of participants from all stakeholders of the healthcare supply chain: manufacturers, wholesalers, and distributors, as well as hospitals and pharmacy retailers. GS1 Healthcare also maintains close contacts with regulatory agencies and trade organizations worldwide. GS1 Healthcare drives the development of GS1 Standards and solutions to meet the needs of the global healthcare industry and promotes the effective utilization and implementation of global standards in the healthcare industry through local support initiatives like GS1 Healthcare US® in the United States.

## About GS1 Healthcare US

GS1 Healthcare US® is an industry group that focuses on driving the adoption and implementation of GS1 Standards in the healthcare industry in the United States to help improve patient safety and supply chain efficiency. GS1 Healthcare US brings together members from all segments of the healthcare industry to address the supply chain issues that most impact healthcare in the United States. Facilitated by GS1 US, GS1 Healthcare US is one of over 30 local GS1 Healthcare user groups around the world that supports the adoption and implementation of global standards developed by GS1.

# 1 Introduction

The U.S. Food and Drug Administration (U.S. FDA) Drug Supply Chain Security Act (DSCSA) traceability requirements became mandatory for the pharmaceutical industry in 2015, marking the beginning of the journey to lot-level management, product serialization, and item-level traceability in the healthcare supply chain. In response, members of the United States pharmaceutical industry prepared their systems and business process to meet the requirements. During this journey, the pharmaceutical industry rallied around the use of Electronic Product Code Information Services (EPCIS) for item-level serialized traceability. EPCIS is a GS1 Standard that enables supply chain partners to capture event information about supply chain events (e.g., commissioned, packed, shipped, and received; etc.), and to share that information with their trading partners securely and in near real-time.

EPCIS is a flexible standard that can be leveraged for a wide variety of business needs. There are numerous options for how the standard can be implemented in order to accommodate different applications and environments. Nonetheless, there still needs to be a certain level of consistency and standardization in terms of how the standards are implemented by individual trading partners to support item-level serialized traceability in an interoperable manner. Therefore, members of the U.S. pharmaceutical industry joined together to determine how the standards can best be applied to support these applications. These industry leaders worked together to analyze business processes and business requirements, consider the various options, and developed the Implementation Guideline: Applying GS1 Standards for DSCSA and Traceability, Release 1.2 and 1.3, to provide that standardized approach.

This addendum supports the Implementation Guidelines that were developed by providing various supply chain scenarios to aid in the understanding of the data flow aligned with the physical flow of transactions.



**Note:** As with all GS1 Standards and solutions, this guide is voluntary, not mandatory. It should be noted that use of the words “must” and “require” throughout this document relate exclusively to technical recommendations for the proper application of the standards to support the integrity of your implementation.

## 1.1 Document Information

This addendum was developed by GS1 US® and the Rx Secure Supply Chain Workgroup to assist the U.S. pharmaceutical industry in implementing the GS1 System of Standards to support traceability and interoperability. It is based on the *GS1 General Specifications*, the *EPC Tag Data Standard (Version 2.0)*, the *EPCIS Standard (Version 1.2)*, and the *Core Business Vocabulary Standard (Version 1.2)*. It was developed using information obtained from a wide variety of members of the U.S. pharmaceutical supply chain from manufacturers to providers.

## 1.2 The GS1 US DSCSA Implementation Suite

To promote ease of use, the content for applying GS1 Standards to DSCSA and traceability has been split into four documents. All of these documents are available in the [GS1 US DSCSA Implementation Suite](#). The four documents in that suite are:

- *Implementation Guideline: Applying GS1 Standards for DSCSA and Traceability, Release 1.3*
- *Implementation Guideline: Applying GS1 Standards for DSCSA and Traceability, Release 1.2*
- *Addendum: Guidance and XML Examples for Supply Chain Choreographies in Serialized Item-Level Management*
- *Addendum: Diagrams and XML Examples for Serialized Exceptions Processing*

### 1.3 Purpose


This document presents various examples of supply chain choreographies that demonstrate the physical and data flow of an EPCIS event, the EPCIS messages exchanged by Sending and Receiving parties, and XML examples of the EPCIS messages exchanged by both parties. This provides additional guidance for serialized item-level management to industry members about how to apply the GS1 System of Standards to their own business processes to support item-level traceability in an interoperable manner.

### 1.4 Scope

This addendum defines the EPCIS events (XML data format) to support DSCSA and business operational requirements for serialized item-level information. **It does not provide any guidance or advice regarding regulatory compliance.** Federal requirements for traceability in the pharmaceutical supply chain are specified in the DSCSA and subsequent FDA Guidance(s).

This addendum reflects current industry understanding of the DSCSA traceability requirements. Those requirements, and the statutes and regulations affecting them, are subject to change and may evolve in a manner this guideline cannot anticipate.

This addendum does not address other considerations or factors, apart from DSCSA compliance, which might impact or inform the adoption of optimal traceability processes or procedures for any particular company or product.

 **Important:** Each company is individually responsible for meeting all statutory and/or regulatory requirements for their company and their products. Consult with your company's legal counsel or compliance team (regulatory or quality) for more specific information about current statutory and regulatory requirements applicable to your company and products.

### 1.5 Reference Document

GS1 US Healthcare published the Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody, for business processes for unregulated transactions between manufacturing/wholesaler trading partners. This guideline is designed for Contract Manufacturers (CMOs), Contract Packagers (CPOs), Third Party Logistics Providers (3PL), and Reverse Logistics Providers (RLP) who manage serialized Chain of Custody business transactions, on behalf of manufacturers, wholesale distributors, and dispensers, for prescription drugs governed by DSCSA.

You may download the Guideline from the GS1 US website at the following link:  
<https://www.gs1us.org/industries-and-insights/by-industry/healthcare/standards-in-use/pharmaceutical/chain-of-custody>

## 2 EPCIS Events for Serialized Item-Level Traceability

### 2.1 Supply Chain Scenarios

For Rx products to be serialized in accordance with DSCSA, we identified a total of twenty-one supply chain scenarios that could occur which should encompass the majority of business cases. In eleven of these scenarios, we provide detailed choreographies with business steps and electronic exchange of data with XML examples. The remaining ten supply chain scenarios are represented by our Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody and are out of the scope of DSCSA. For these scenarios, we reference the appropriate section of the Chain of Custody Guideline and the reasoning as to why they are not in the scope of DSCSA. In this Addendum, we wanted to provide a comprehensive view of supply chain scenarios of pharmaceutical product and data movements with supportive information on data exchanges to aid the industry.

The eleven choreographed supply chain scenarios have the following 3 sub-sections of its own:

- The Physical and Data Flow Diagram,
- The Table of EPCIS messages exchanged by Sending and Receiving parties, and
- XML examples of the EPCIS messages exchanged by Sending and Receiving parties

#### 2.1.1 Choreographed Supply Chain Scenarios

In these 11 scenarios, the physical flow of products is combined with the electronic exchange of data between supply chain trading partners. Examples below are not a comprehensive list of all configurations, but they are provided for illustrative purposes only.

The following scenarios covered are:

- Direct Purchase
- Indirect Purchase
- Mixed shipment of Direct and Indirect Purchases
- Drop Shipment, Scenario #1 - Product and Data sent directly to Dispenser
- Drop Shipment, Scenario #2 - Product sent directly to Dispenser, Wholesale Distributor manages the Data
- Exclusive Distributor
- Co-License Partner
- Consignment
- Repackaging
- 340B Program
- Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain

The XML examples for scenarios can be accessed [here](#).

The GS1 Healthcare extension schema can be accessed [here](#).

## 2.1.2 Statement Only Supply Chain Scenarios

These 10 scenarios are represented by our Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody which depicts the physical flow of products with the Chain of Custody Business Processes plus the data flows of non-DSCSA Electronic Exchange between the supply chain trading partners.

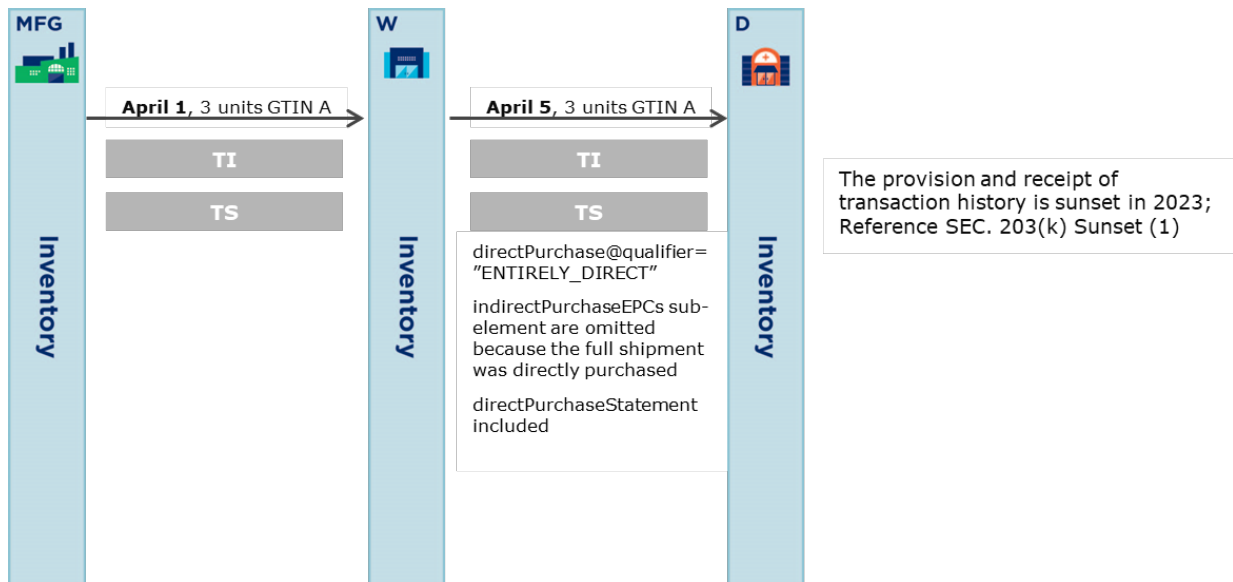
The following scenarios covered are:

- Contract Manufacturing
- Contract Packaging
- Charitable Shipment
- Third Party Logistics (3PL), Scenario #1 – Manufacturer employs a 3PL for logistics services for a physical product
- Third Party Logistics (3PL), Scenario #2 – Manufacturer employs a 3PL for logistics services and taking customer orders
- Third Party Logistics (3PL), Scenario #3 – Manufacturer employs a 3PL for logistics services, taking customer orders, and performing compliance reporting
- Virtual Manufacturer (VM)
- Reverse Logistics Provider (RLP), Scenario #1 - Product is sent to a RLP for disposal
- Reverse Logistics Provider (RLP), Scenario #2 - Product is returned to Wholesaler and verified for resale
- Reverse Logistics Provider (RLP), Scenario #3 - Product is returned to Manufacturer or Third Party acting on behalf of Manufacturer

## 2.2 Choreographed Supply Chain Scenarios

### 2.2.1 Direct Purchase Scenario

In this scenario, [MFG->W (*Direct*)->D], all EPCs in the shipment to Dispenser are directly purchased by the Wholesale Distributor from the Manufacturer<sup>1</sup>. The Dispenser who purchases from the Wholesale Distributor is able to receive the corresponding EPCIS message with the qualifier, ENTIRELY\_DIRECT, that all products in the shipment were directly purchased, ENTIRELY\_DIRECT, and a directPurchaseStatement from the Wholesale Distributor affirming that the products in the shipment were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager.

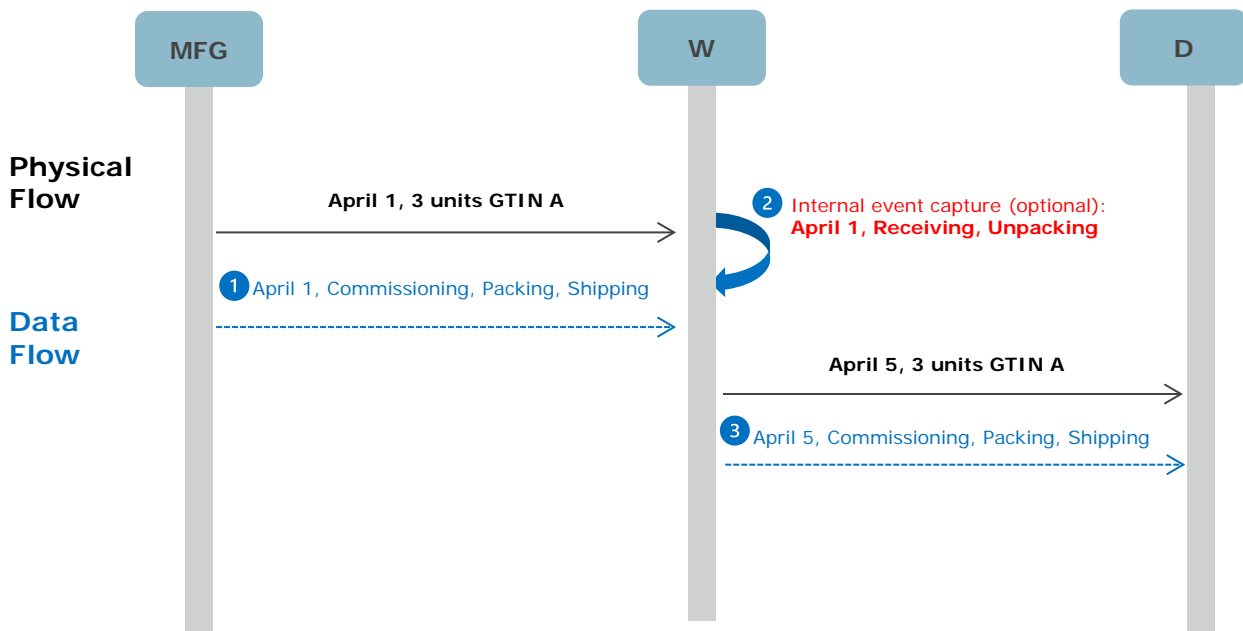


Scenario	Business Process Step	Notes
All units in shipment directly purchased from Manufacturer.	1. Buyer (W) places order for 3 units.	
	2. Seller (MFG) processes the order for 3 units and provides Buyer (W) with DSCSA transaction data.	
	3. Three units arrive at the Buyer (W's) warehouse along with DSCSA transaction data.	
	4. Buyer (D) places order for 3 units.	

<sup>1</sup> Manufacturer in this scenario illustrations represents the manufacturer, exclusive distributor of the manufacturer, or a repackager.



Scenario	Business Process Step	Notes
	5. Seller (W) prepares shipment and provides Buyer (D) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b> indicating the EPCs in the shipment have been directly purchased.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.</li> <li>Include directPurchaseStatement. Example: "Seller affirms that indicated product(s) were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced."</li> </ul>



	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to Wholesaler (W).	M	W	MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W.
2	Wholesaler (W) receives product into inventory.	N/A	N/A	For internal operations, W optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.

	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
3	Wholesaler (W) sells directly purchased product to Dispenser (D).	W	D	<p>W sends relevant transaction MFG-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W-generated logistics <b>Commissioning (SSCC)</b>, <b>Packing</b> and <b>Shipping</b> data to D.</p> <ul style="list-style-type: none"> <li>• Set directPurchase @qualifier to <i>ENTIRELY_DIRECT</i> in the <b>Shipping</b> data.</li> <li>• Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.</li> <li>• Include directPurchaseStatement.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.



Direct Purchase: All EPCs in shipment are directly purchased – XML Examples											directPurchase elements		
Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	Relevant DSCSA EPCIS Events	read Point	Biz Location	Source Owning Party	Source Location	Dest Owning Party	Dest Location	Direct Purchase	Indirect Purchase EPCs	Direct Purchase Statement
1 Manufacturer (MFG) sells product to Wholesaler (W)	MFG	W	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
			1	Shipping	MFG		MFG	MFG	W	W			
2 Wholesaler (W) receives product into inventory	N/A	N/A	2	Receiving	W	W	MFG	MFG	W	W			
			2	Unpacking	W	W							
3 Wholesaler (W) sells directly purchased product to Dispenser (D)	W	D	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
			3	Commissioning (SSCC)	W	W							
			3	Packing	W	W							
			3	Shipping	W		W	W	D	D	@qualifier = "ENTIRELY _DIRECT"	Omit	Included

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

**2.2.1.1 Sample XML: MFG → W → D**

*Reference File:* [2\\_2\\_1\\_1\\_DirectPurch\\_SellerExch1](#)

**2.2.1.2 Sample XML: MFG → W → D**

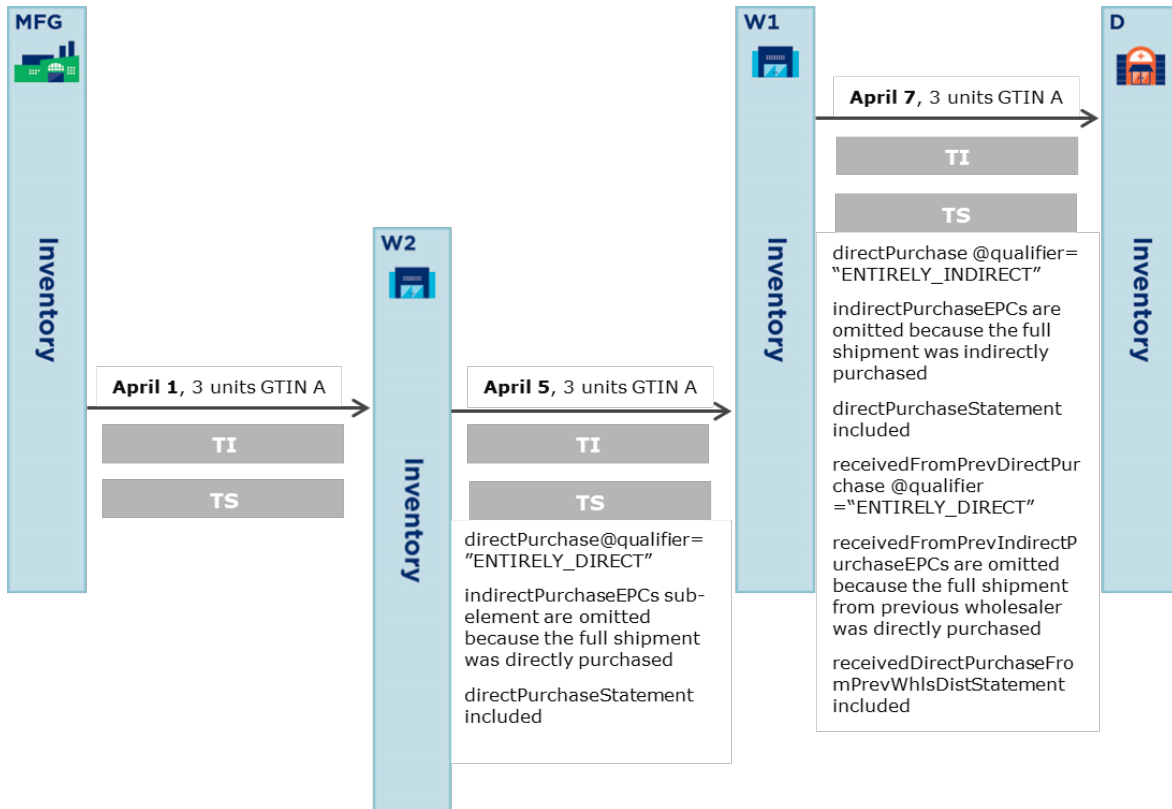
*Reference File:* [2\\_2\\_1\\_2\\_DirectPurch\\_BuyerReceive1](#)

**2.2.1.3 Sample XML: MFG → W → D**

*Reference File:* [2\\_2\\_1\\_3\\_DirectPurch\\_SellerExch2](#)

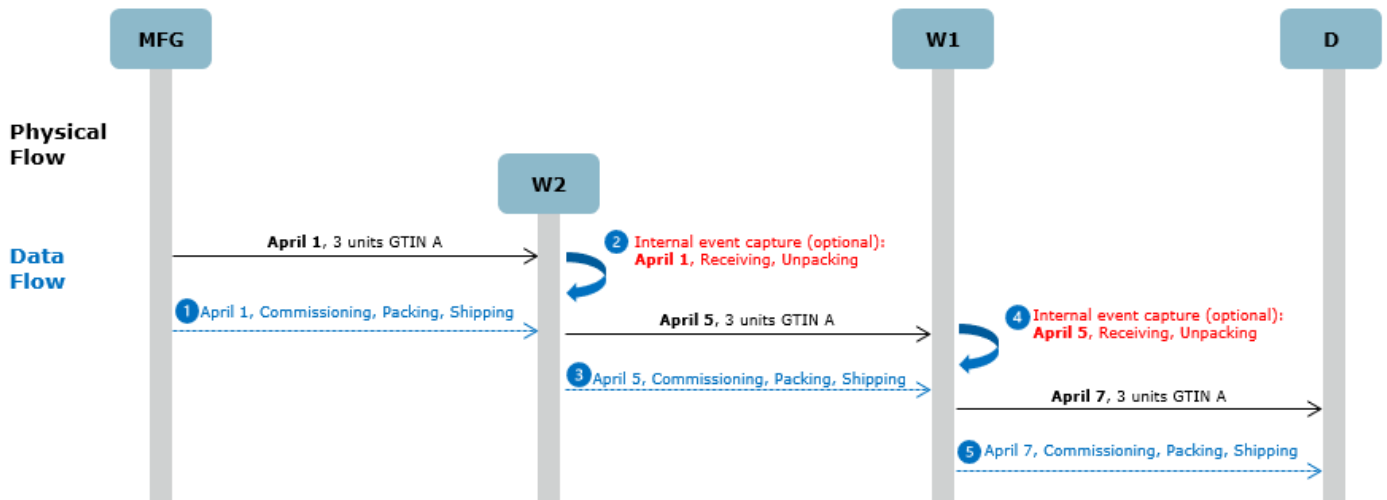
### 2.2.2 Indirect Purchase Scenario

In this scenario, [MFG->W2 (*Direct*)->W1 (*Indirect*)->D], all EPCs in the shipment to Dispenser are indirectly purchased by the Wholesale Distributor (W1). The Dispenser who purchases from the Wholesale Distributor (W1) receives the EPCIS message with the qualifier that all products in the shipment were indirectly purchased and a corresponding purchase statement from the Wholesale Distributor (W1). The Wholesale Distributor (W2) purchased directly from the Manufacturer so Wholesale Distributor (W1) can also provide a receivedDirectPurchaseFromPrevWhlsDistStatement to the Dispenser.



Scenario	Business Process Step	Notes
All units in shipment are indirectly purchased from Manufacturer	1. Buyer (W2) places order for 3 units from MFG.	
	2. Seller (MFG) processes the order from W2 for 3 units and provides Buyer (W2) with DSCSA transaction data.	
	3. Three units arrive at Buyer (W2's) warehouse along with DSCSA transaction data.	
	4. Buyer (W1) places order for 3 units from another Seller (W2).	

Scenario	Business Process Step	Notes
	5. Seller (W2) processes the order for 3 units and provides Buyer (W1) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b> in the Shipping data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is directly purchased by W2 from MFG.</li> <li>Include directPurchaseStatement.</li> </ul>
	6. Three units arrive at the Buyer (W1's) warehouse along with DSCSA transaction data.	
	7. Buyer (D) places order for 3 units from Seller (W1).	
	8. Seller (W1) processes the order for 3 units and provides Buyer (D) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_INDIRECT</b> in the Shipping data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is indirectly purchased.</li> <li>Include directPurchaseStatement.</li> <li>Set receivedFromPrevDirectPurchase @qualifier to <b>ENTIRELY_DIRECT</b>.</li> <li>Omit receivedFromPrevIndirectPurchaseEPCs since the entire shipment from W2 to W1 is directly purchased from MFG.</li> <li>Include receivedDirectPurchaseFromPrevWhlsDistStatement.</li> </ul>



	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to Wholesaler (W2) on April 1.	MFG	W2	MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W2.

	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
2	Wholesaler (W2) receives product into inventory.	N/A	N/A	For internal operations, W2 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
3	Wholesaler (W2) sells directly purchased product to Wholesaler (W1).	W2	W1	W2 sends MFG-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W2-generated logistics <b>Commissioning (SSCC)</b> , <b>Packing</b> , and <b>Shipping</b> data to W1. <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <i>ENTIRELY_DIRECT</i> in the <b>Shipping</b> data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is directly purchased by W2 from MFG.</li> <li>Include directPurchaseStatement.</li> </ul>
4	Wholesaler (W1) receives product into inventory.	N/A	N/A	For internal operations, W1 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
5	Wholesaler (W1) sells product to Dispenser (D).	W1	D	W1 sends relevant transaction MFG-provided and W2-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W1-generated logistics <b>Commissioning (SSCC)</b> , <b>Packing</b> , and <b>Shipping</b> data to D. <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <i>ENTIRELY_INDIRECT</i> in the <b>Shipping</b> data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is indirectly purchased.</li> <li>Include directPurchaseStatement.</li> <li>Set receivedFromPrevDirectPurchase @qualifier to <i>ENTIRELY_DIRECT</i>.</li> <li>Omit receivedFromPrevIndirectPurchaseEPCs since the entire shipment from previous wholesaler was directly purchased.</li> <li>Include receivedDirectPurchaseFromPrevWhlsDistStatement.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
Note: Grey shading indicates non-DSCSA transaction.



Indirect Purchase: End-to-end product ownership transfers involve direct and indirect purchases – XML Examples											directPurchase elements			receivedDirectPurchaseFromPrevWhlsDist elements					
Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	Relevant DSCSA EPCIS Events	read Point	Biz Location	Source Owning Party	Source Location	Dest Owning Party	Dest Location	Direct Purchase	Indirect Purchase EPCs	Direct Purchase Statement	receivedDirectPurchaseFromPrevWhlsDist	prevReceivedIndirectPurchaseEPCs	receivedDirectPurchaseFromPrevWhlsDist Statement			
1 Manufacturer (MFG) sells product to Wholesaler (W2) on April 1	MFG	W2	1	Commissioning	MFG	MFG													
			1	Packing	MFG	MFG													
			1	Shipping	MFG		MFG	MFG	W2	W2									
2 Wholesaler (W2) receives product into inventory	N/A	N/A	2	Receiving	W2	W2	MFG	MFG	W2	W2									
			2	Unpacking	W2	W2													
3 Wholesaler (W2) sells directly purchased product to Wholesaler (W1)	W2	W1	1	Commissioning	MFG	MFG													
			1	Packing	MFG	MFG													
			3	Commissioning (SSCC)	W2	W2													
			3	Packing	W2	W2													
			3	Shipping	W2		W2	W2	W1	W1	@qualifier = "ENTIRELY_DIRECT"	Omit	Included						
4 Wholesaler (W1) receives product into inventory	N/A	N/A	4	Receiving	W1	W1	W2	W2	W1	W1	@qualifier = "ENTIRELY_DIRECT"	Omit	Included						
			4	Unpacking	W1	W1													
5 Wholesaler (W1) sells directly purchased product to Dispenser (D)	W1	D	1	Commissioning	MFG	MFG													
			1	Packing	MFG	MFG													
			5	Commissioning (SSCCs)	W1	W1													



Indirect Purchase: End-to-end product ownership transfers involve direct and indirect purchases – XML Examples										directPurchase elements			receivedDirectPurchaseFromP revWhIsDist elements			
			5	Packing	W1	W1										
			5	Shipping	W1		W1	W1	D	D	@qualifier = "ENTIRELY_INDIRECT"	Omit	Included	@qualifier = "ENTIRELY_DIRECT"	Omit	Included

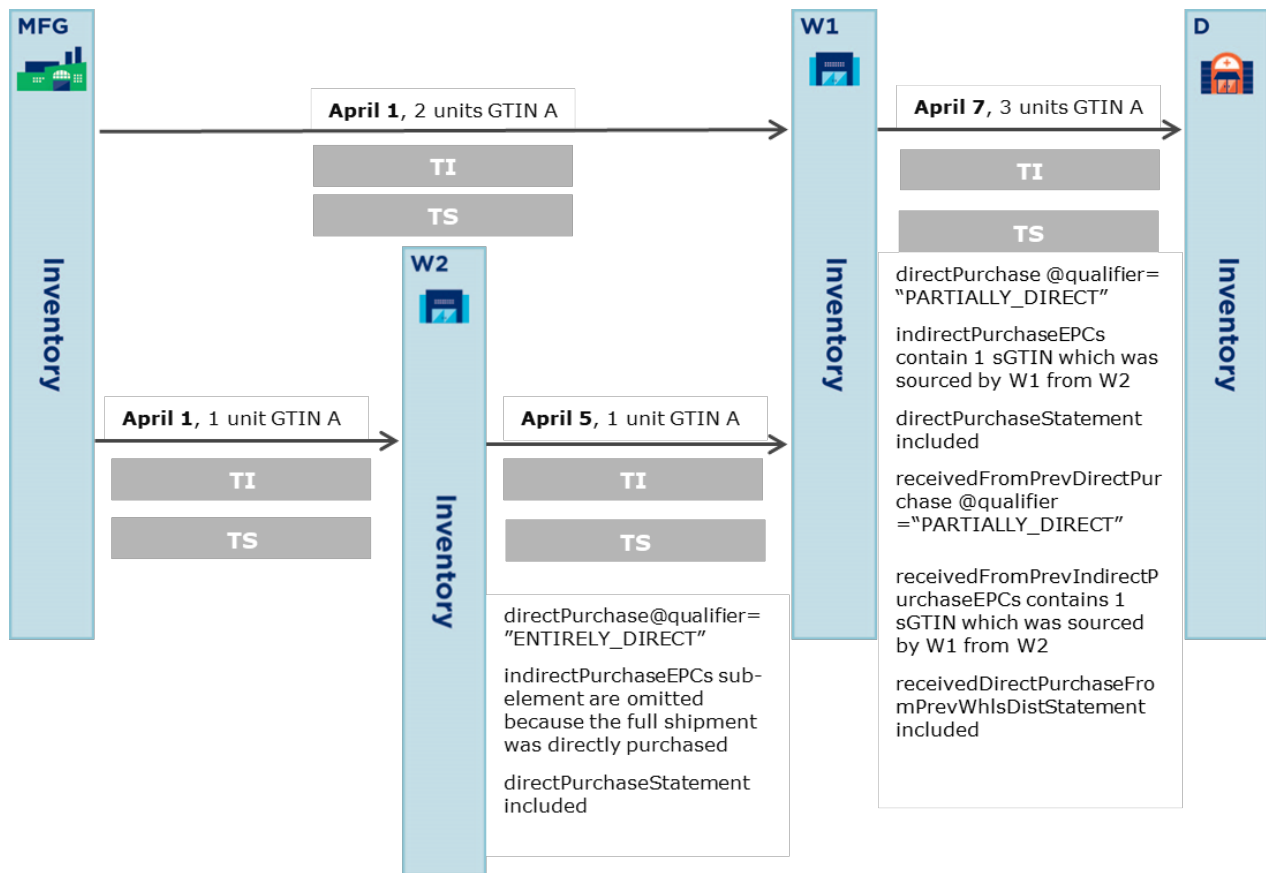
Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

- 2.2.2.1 Sample XML: MFG → W2 → W1 → D**  
*Reference File:* [2\\_2\\_2\\_1\\_IndirectPurch\\_SellerExch1](#)
- 2.2.2.2 Sample XML: MFG → W2 → W1 → D**  
*Reference File:* [2\\_2\\_2\\_2\\_IndirectPurch\\_BuyerReceive1](#)
- 2.2.2.3 Sample XML: MFG → W2 → W1 → D**  
*Reference File:* [2\\_2\\_2\\_3\\_IndirectPurch\\_SellerExch2](#)
- 2.2.2.4 Sample XML: MFG → W2 → W1 → D**  
*Reference File:* [2\\_2\\_2\\_4\\_IndirectPurch\\_BuyerReceive2](#)
- 2.2.2.5 Sample XML: MFG → W2 → W1 → D**  
*Reference File:* [2\\_2\\_2\\_5\\_IndirectPurch\\_SellerExch3](#)



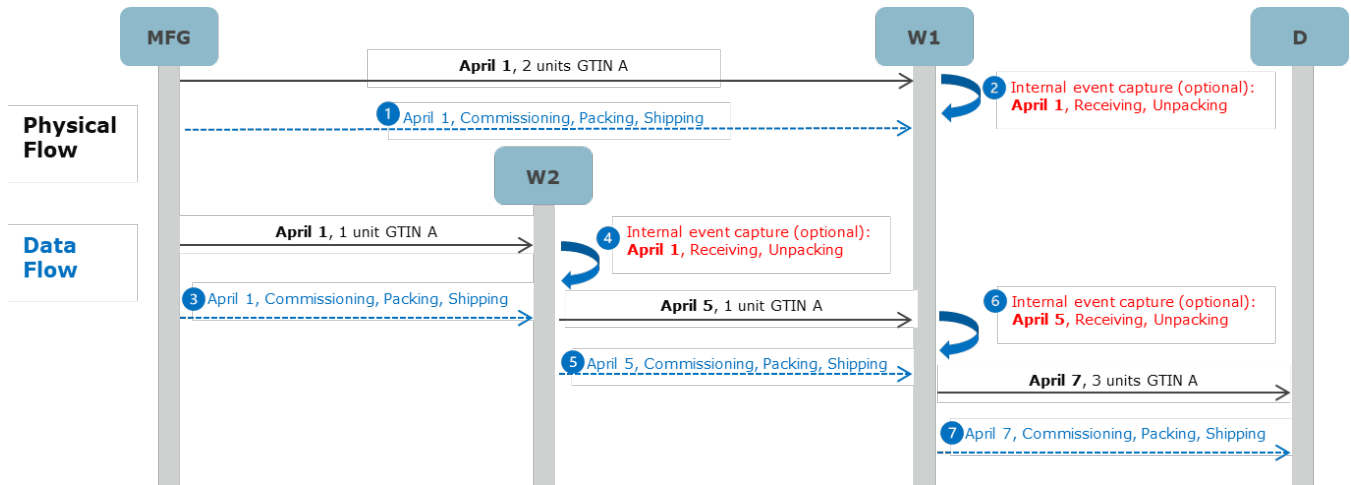
### 2.2.3 Direct and Indirect Purchase Scenario

In this scenario,  $[[MFG \rightarrow W2 \rightarrow W1 \rightarrow D] + [MFG \rightarrow W1 \rightarrow D]]$ , the shipment to Dispenser includes a mixture of indirect and directly purchased units. Specifically, there is a single GTIN that is indirectly purchased which is combined with two other units that were directly purchased to be shipped together to a Dispenser. The Dispenser who purchases from the Wholesale Distributor (W1) is able to receive the EPCIS message with the qualifier that the shipment is partially direct purchased from the Manufacturer and the EPC of the indirect unit is specified. For the two units that were purchased directly, a purchase statement from the Wholesale Distributor (W1) is provided. Since the Wholesale Distributor (W2) provided a direct purchase statement to Wholesale Distributor (W1) for the single unit which W2 purchased directly from MFG, the Wholesale Distributor (W1) can provide a `receivedDirectPurchaseFromPrevWhlsDistStatement` to Dispenser for the single unit.



Scenario	Business Process Step	Notes
Two units of shipment are purchased directly from Manufacturer, one unit in	1. Buyer (W1) places order for 2 units from MFG.	
	2. Seller (MFG) processes the order from W1 for 2 units and provides Buyer (W1) with DSCSA transaction data.	

Scenario	Business Process Step	Notes
shipment is purchased from another Wholesaler	3. Two units arrive at the Buyer (W1's) warehouse with DSCSA transaction data.	
	4. Buyer (W2) places order for 1 unit from MFG.	
	5. Seller (MFG) processes the order from W2 for 1 unit and provides Buyer (W2) with DSCSA transaction data.	
	6. One unit arrives at Buyer (W2's) warehouse along with DSCSA transaction data.	
	7. Buyer (W1) places order for 1 unit from another Seller (W2).	
	8. Seller (W2) processes the order from Buyer (W1) for 1 unit and provides Buyer (W1) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>• Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b> in the Shipping data.</li> <li>• Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is directly purchased by W2 from MFG.</li> <li>• Include directPurchaseStatement.</li> </ul>
	9. One unit arrives at the Buyer (W1) warehouse along with DSCSA transaction data.	
	10. Buyer (D) places order for 3 units from W1.	
	11. Seller (W1) processes the order for 3 units and provides Buyer (D) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>• Set directPurchase @qualifier to <b>PARTIALLY_DIRECT</b> in the <b>Shipping</b> data.</li> <li>• Specify the 1 unit purchased by W1 from W2 as indirectPurchaseEPCs.</li> <li>• Include directPurchaseStatement.</li> <li>• Set receivedFromPrevDirectPurchase @qualifier to <b>PARTIALLY_DIRECT</b>.</li> <li>• Specify the 1 unit purchased by W1 from W2 as receivedFromPrevIndirectPurchaseEPCs.</li> <li>• Include receivedDirectPurchaseFromPrevWhlsDistStatement.</li> </ul>



	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to Wholesaler (W1) on April 1.	MFG	W1	MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W1.
2	Wholesaler (W1) receives product into inventory.	N/A	N/A	For internal operations, W1 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
3	Manufacturer (MFG) sells product to Wholesaler (W2) on April 1.	MFG	W2	MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W2.
4	Wholesaler (W2) receives product into inventory.	N/A	N/A	For internal operations, W2 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
5	Wholesaler (W2) sells directly purchased product to Wholesaler (W1).	W2	W1	W2 sends MFG-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W2-generated logistics <b>Commissioning (SSCC), Packing, and Shipping</b> data to W1. <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <i>ENTIRELY_DIRECT</i> in the <b>Shipping</b> data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is directly purchased by W2 from MFG.</li> <li>Include directPurchaseStatement.</li> </ul>
6	Wholesaler (W1) receives product into inventory.	N/A	N/A	For internal operations, W1 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data

	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
7	Wholesaler (W1) sells product to Dispenser (D).	W1	D	<p>W1 sends relevant transaction MFG-provided and W2-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W1-generated logistics <b>Commissioning (SSCC)</b>, <b>Packing</b> and <b>Shipping</b> data to D.</p> <ul style="list-style-type: none"> <li>• Set directPurchase @qualifier to <i>PARTIALLY_DIRECT</i> in the <b>Shipping</b> data.</li> <li>• Specify the 1 unit purchased by W1 from W2 as indirectPurchaseEPCs.</li> <li>• Include directPurchaseStatement.</li> <li>• Set receivedFromPrevDirectPurchase @qualifier to <i>PARTIALLY_DIRECT</i>.</li> <li>• Specify the 1 unit purchased by W1 from W2 as receivedFromPrevIndirectPurchaseEPCs.</li> <li>• Include receivedDirectPurchaseFromPrevWhIsDistStatement.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.



Mixed Purchase of Single GTIN, Direct and Indirect: Two of Three Units in the Shipment are Direct Purchased – XML Examples– XML Examples											directPurchase elements			receivedDirectPurchaseFromPrevWhlsDist elements				
Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	Relevant DSCSA EPCIS Events	read Point	Biz Location	Source Owning Party	Source Location	Dest Owning Party	Dest Location	Direct Purchase	Indirect Purchase EPCIS	Direct Purchase Statement	receivedDirectPurchaseFromPrevWhlsDist	prevReceiveIndirectPurchaseEPCIS	receivedDirectPurchaseFromPrevWhlsDist Statement		
1 Manufacturer (MFG) sells product to Wholesaler (W1) on April 1	MFG	W1	1	Commissioning	MFG	MFG												
			1	Packing	MFG	MFG												
			1	Shipping	MFG		MFG	MFG	W1	W1								
2 Wholesaler(W1) receives product into inventory	N/A	N/A	2	Receiving	W1	W1	MFG	MFG	W1	W1								
			2	Unpacking	W1	W1												
3 MFG sells product to Wholesaler (W2) on April 1	MFG	W2	3	Commissioning	MFG	MFG												
			3	Packing	MFG	MFG												
			3	Shipping	MFG		MFG	MFG	W2	W2								
4 Wholesaler (W2) receives product into inventory	N/A	N/A	4	Receiving	W2	W2	MFG	MFG	W2	W2								
			4	Unpacking	W2	W2												
5 Wholesaler (W2) sells directly purchased product to Wholesaler (W1)	W2	W1	3	Commissioning	MFG	MFG												
			3	Packing	MFG	MFG												
			5	Commissioning (SSCs)	W2	W2												
			5	Packing	W2	W2												
			5	Shipping	W2		W2	W2	W1	W1	@qualifier="ENTIRELY_DIRECT"	Omit	Included					
6 Wholesaler (W1) receives product into inventory	N/A	N/A	6	Receiving	W1	W1	W2	W2	W1	W1	@qualifier="ENTIRELY_DIRECT"	Omit	Included					



Mixed Purchase of Single GTIN, Direct and Indirect: Two of Three Units in the Shipment are Direct Purchased – XML Examples– XML Examples										directPurchase elements			receivedDirectPurchaseFromP revWhlsDist elements						
			6	Unpacking	W1	W1													
Wholesaler (W1) sells directly purchased product to Dispenser (D)	W1	D	1	Commissioning	MFG	MFG													
			1	Packing	MFG	MFG													
			3	Commissioning	MFG	MFG													
			3	Packing	MFG	MFG													
			7	Commissioning (SSCCs)	W1	W1													
			7	Packing	W1	W1													
			7	Shipping	W1		W1	W1	D	D	@qualifier = "PARTIALLY_DIRECT"	List EPC from W2	Included	@qualifier = "PARTIALLY_DIRECT"	List EPC from W2	Included			

7

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

**2.2.3.1 Sample XML: MFG → W2 → W1 → D & MFG → W1 → D**

*Reference File:* [2\\_2\\_3\\_1\\_DirectAndIndirectPurch\\_SellerExch1](#)

**2.2.3.2 Sample XML: MFG → W2 → W1 → D & MFG → W1 → D**

*Reference File:* [2\\_2\\_3\\_2\\_DirectAndIndirectPurch\\_BuyerReceive1](#)

**2.2.3.3 Sample XML: MFG → W2 → W1 → D & MFG → W1 → D**

*Reference File:* [2\\_2\\_3\\_3\\_DirectAndIndirectPurch\\_SellerExch2](#)

**2.2.3.4 Sample XML: MFG → W2 → W1 → D & MFG → W1 → D**

*Reference File:* [2\\_2\\_3\\_4\\_DirectAndIndirectPurch\\_BuyerReceive2](#)

**2.2.3.5 Sample XML: MFG → W2 → W1 → D & MFG → W1 → D**

*Reference File:* [2\\_2\\_3\\_5\\_DirectAndIndirectPurch\\_SellerExch3](#)

**2.2.3.6 Sample XML: MFG → W2 → W1 → D & MFG → W1 → D**

*Reference File:* [2\\_2\\_3\\_6\\_DirectAndIndirectPurch\\_BuyerReceive3](#)

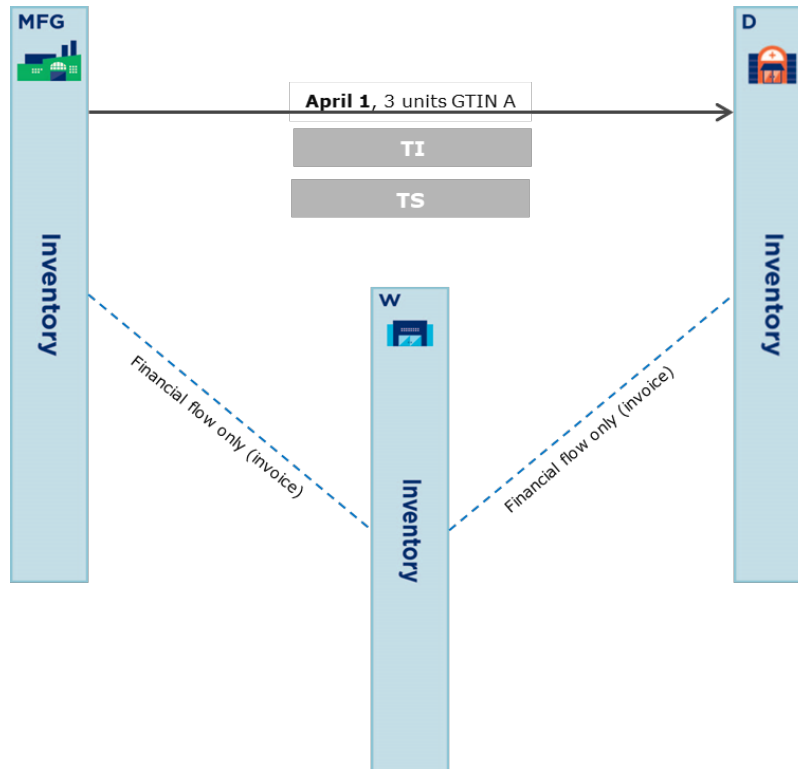
**2.2.3.7 Sample XML: MFG → W2 → W1 → D & MFG → W1 → D**

*Reference File:* [2\\_2\\_3\\_7\\_DirectAndIndirectPurch\\_SellerExch4](#)

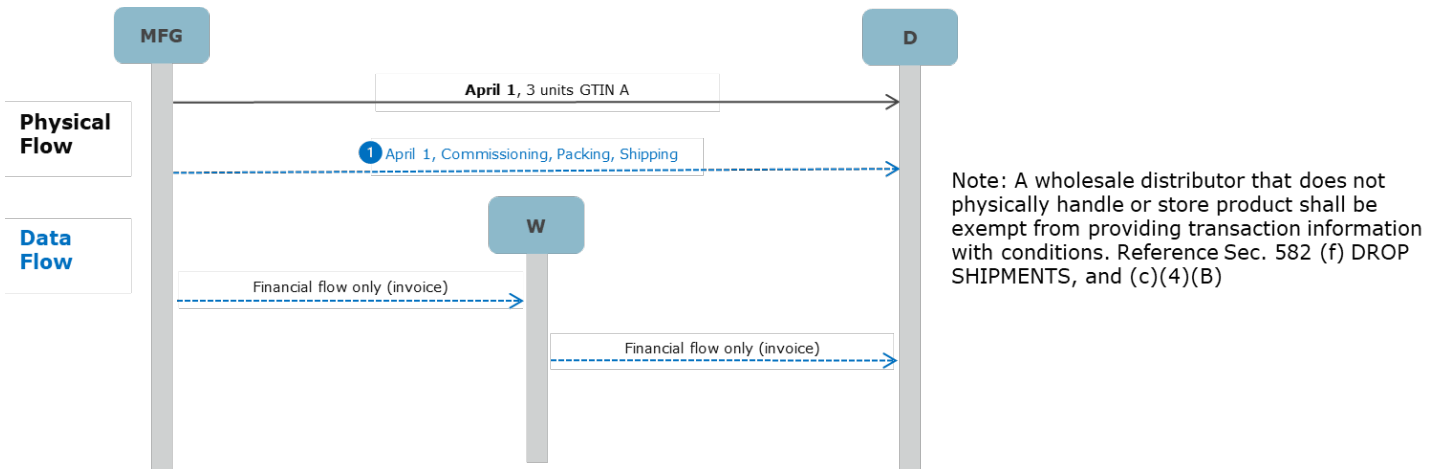
### 2.2.4 Drop Shipment, Scenario #1 - Product and Data sent directly to Dispenser

In this scenario, [MFG->D], the Manufacturer (MFG) is selling the product to the Wholesale Distributor (W) and shipping the product directly to the Dispenser (D). The Manufacturer (MFG) sends DSCSA TI/TS to the Dispenser (D), the drop-ship party.

- Note:** A wholesale distributor that does not physically handle or store a product shall be exempt from providing transaction information with conditions, reference Section 582 (f) DROP SHIPMENTS, and (c)(4)(B).



Scenario	Business Process Step	Notes
Three units purchased directly from Manufacturer by Wholesaler are shipped directly to Dispenser, who is the drop ship customer of Wholesaler	1. Buyer (W) places order for 3 units from MFG and requests that physical shipment go directly to the dispenser who is purchasing from Buyer (W).	<ul style="list-style-type: none"> <li>Buyer (W) provides instructions in the order to drop ship to D.</li> <li>This is considered a drop shipment as defined in DSCSA Section 582 (f) DROP SHIPMENTS, and (c)(4)(B).</li> </ul>
	2. Seller (MFG) processes the order from Buyer (W) for 3 units. Seller (MFG) ships products to Drop Ship Customer (D), and directly provides (D) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set dropShipment indicator to true.</li> </ul>



Recommend: Within an EPCIS document should only contain the drop shipment data

	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to Wholesaler (W) on April 1 under instructions to drop ship directly to Dispenser (D).	MFG	D	<p>MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to D.</p> <ul style="list-style-type: none"> <li>Indicate in the <i>Shipping</i> event that sourceList (owning party) is MFG and sourceList (location) is MFG's warehouse.</li> <li>Indicate in the <i>Shipping</i> event that destinationList (owning party) is W and destinationList (location) is D.</li> <li>Set dropShipment to <i>true</i> in the <i>Shipping</i> event.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.



**Recommend: Within an EPCIS document should only contain the drop shipment data**

**Drop Shipment:** Manufacturer is Selling Product to the Wholesaler and Shipping Product Directly to Dispenser. Manufacturer sends DSCSA TI/TS to Dispenser, the drop-ship party – **XML Examples**

Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	relevant DSCSA EPCIS Events	readPoint	bizLocation	SourceOwningParty	SourceLocation	DestOwningParty	DestLocation	Drop Shipment
1 Manufacturer (MFG) sells product to Wholesaler (W) on April 1 under instructions to drop ship directly to Dispenser (D)	MFG	D	1	Commissioning	MFG	MFG					
			1	Packing	MFG	MFG					
			1	Shipping	MFG		MFG	MFG	W	D	true

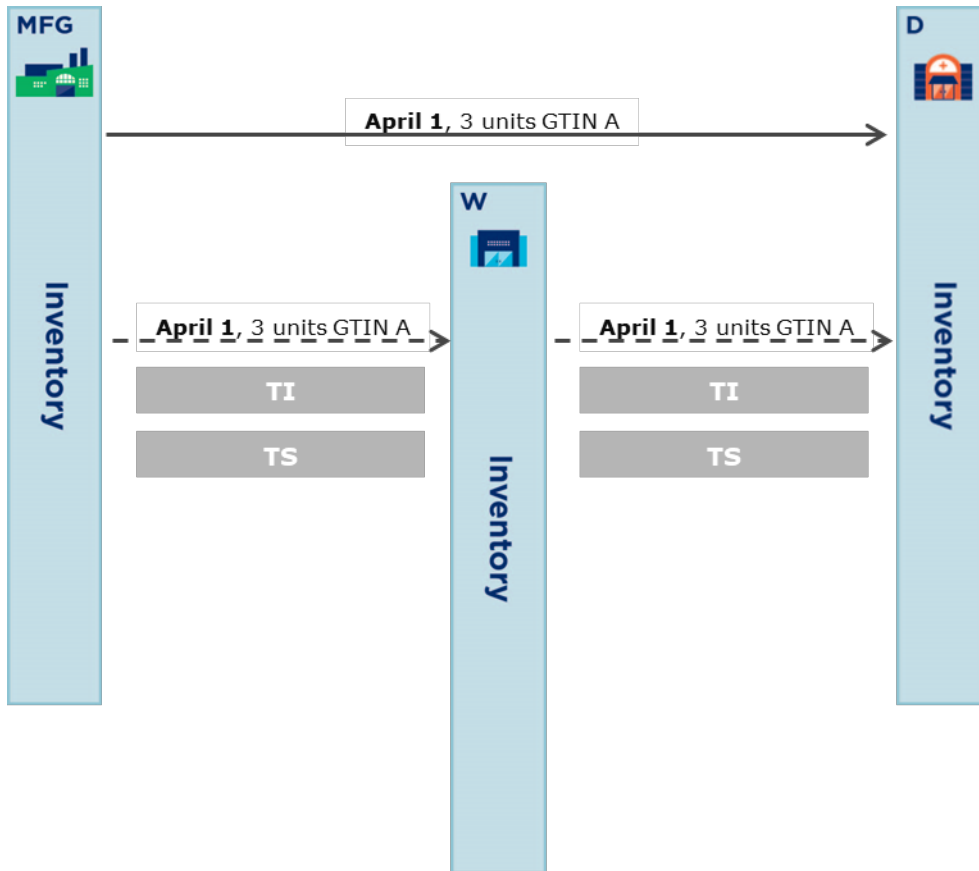
Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

### 2.2.4.1 Sample XML: MFG → D

**Reference File:** [2 2 4 1 DropShip ProdAndData SentToDropShipParty SellerExch1](#)

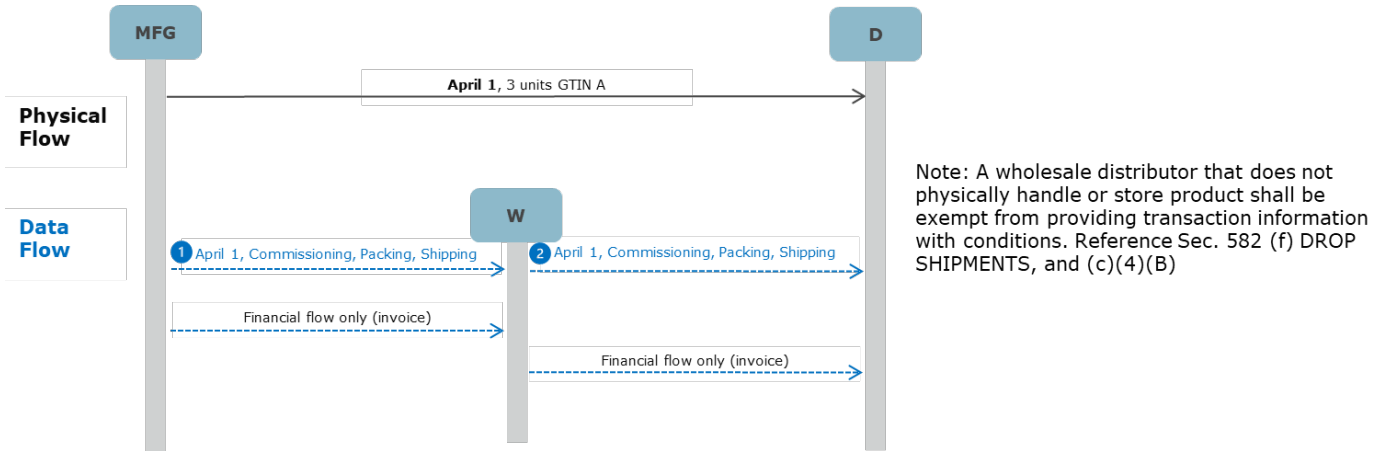
### 2.2.5 Drop Shipment, Scenario #2 - Product sent directly to Dispenser, Wholesale Distributor manages the Data

In this scenario, [[MFG->D]/[MFG->W->D]], Manufacturer (MFG) is selling product to the Wholesale Distributor (W) and shipping the product directly to the Dispenser (D). Wholesale Distributor (W) facilitates the DSCSA TI/TS exchange by passing through Manufacturer-provided data to the Dispenser (D), the drop-ship party, or Wholesale Distributor (W) stores the data in their repository for the Dispenser.



Scenario	Business Process Step	Notes
Three units purchased directly from Manufacturer by Wholesaler are shipped directly to Dispenser, who is the drop ship customer of Wholesaler	1. Buyer (W) places order for 3 units from MFG and requests the physical shipment to go directly to the Dispenser (D) who is purchasing from Buyer (W).	<ul style="list-style-type: none"> <li>Buyer (W) provides instructions in the order to drop ship to D.</li> <li>This is considered a drop shipment as defined in DSCSA Section 582 (f) DROP SHIPMENTS, and (c)(4)(B).</li> </ul>
	2. Seller (MFG) processes the order from Buyer (W) for 3 units. Seller (MFG) ships products to Drop Ship Party (D) and provides Buyer (W) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Seller (MFG) establishes agreement with Buyer (W) to manage data for D.</li> <li>Set dropShipment indicator to true.</li> </ul>

Note: Data Flows 1 & 2 reflect potential trading partner agreements that allow for the manufacturer (MFG) to send serialized TI/TS to Wholesaler (W) who then passes the manufacturer-provided TI/TS to the Dispenser (D). The W facilitated exchange with D attempts to mitigate MFG to D endpoint communication set-up and challenges.



Note: A wholesale distributor that does not physically handle or store product shall be exempt from providing transaction information with conditions. Reference Sec. 582 (f) DROP SHIPMENTS, and (c)(4)(B)

Recommend: Within an EPCIS document should only contain the drop shipment data

	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to Wholesaler (W) on April 1 under instructions to drop ship directly to Dispenser (D)	MFG	W	<p>MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W in order to enable W to subsequently pass data to D.</p> <ul style="list-style-type: none"> <li>Indicate in the <i>Shipping</i> event that sourceList (owning party) is MFG and sourceList (location) is MFG's warehouse.</li> <li>Indicate in the <i>Shipping</i> event that destinationList (owning party) is W and destinationList (location) is D.</li> <li>Set dropShipment to <i>true</i> in the <i>Shipping</i> event.</li> </ul>
2	Wholesaler (W) sends manufacturer-provided EPCIS message to Dispenser (D) on April 1 reflecting the manufacturer's drop shipment of products to Dispenser (D)	W	D	<p>W sends manufacturer-provided EPCIS <b>Commissioning, Packing, and Shipping</b> data to D. Since W is performing pass-through service, the TI/TS in dataflow 2 is the same as dataflow 1.</p> <ul style="list-style-type: none"> <li>Indicate in the <i>Shipping</i> event that sourceList (owning party) is MFG and sourceList (location) is MFG's warehouse.</li> <li>Indicate in the <i>Shipping</i> event that destinationList (owning party) is W and destinationList (location) is D.</li> <li>Set dropShipment to <i>true</i> in the <i>Shipping</i> event.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

*Recommend: Within an EPCIS document should only contain the drop shipment data*

**Drop Shipment:** Manufacturer is Selling Product to the Wholesaler and Shipping Product Directly to Dispenser. Manufacturer sends DSCSA TI/TS to Dispenser, the drop-ship party – **XML Examples**

Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	relevant DSCSA EPCIS Events	readPoint	bizLocation	SourceOwningParty	SourceLocation	DestOwningParty	DestLocation	Drop Shipment
1 Manufacturer (MFG) sells product to Wholesaler (W) on April 1 under instructions to drop ship directly to Dispenser (D)	MFG	D	1	Commissioning	MFG	MFG					
			1	Packing	MFG	MFG					
			1	Shipping	MFG		MFG	MFG	W	D	true
2 Wholesaler (W) sends manufacturer-provided EPCIS message to Dispenser (D) on April 1 reflecting the manufacturer's drop shipment of products to Dispenser (D)	W	D	1	Commissioning	MFG	MFG					
			1	Packing	MFG	MFG					
			1	Shipping	MFG		MFG	MFG	W	D	true

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

**2.2.5.1 Sample XML: MFG → D / MFG → W → D**

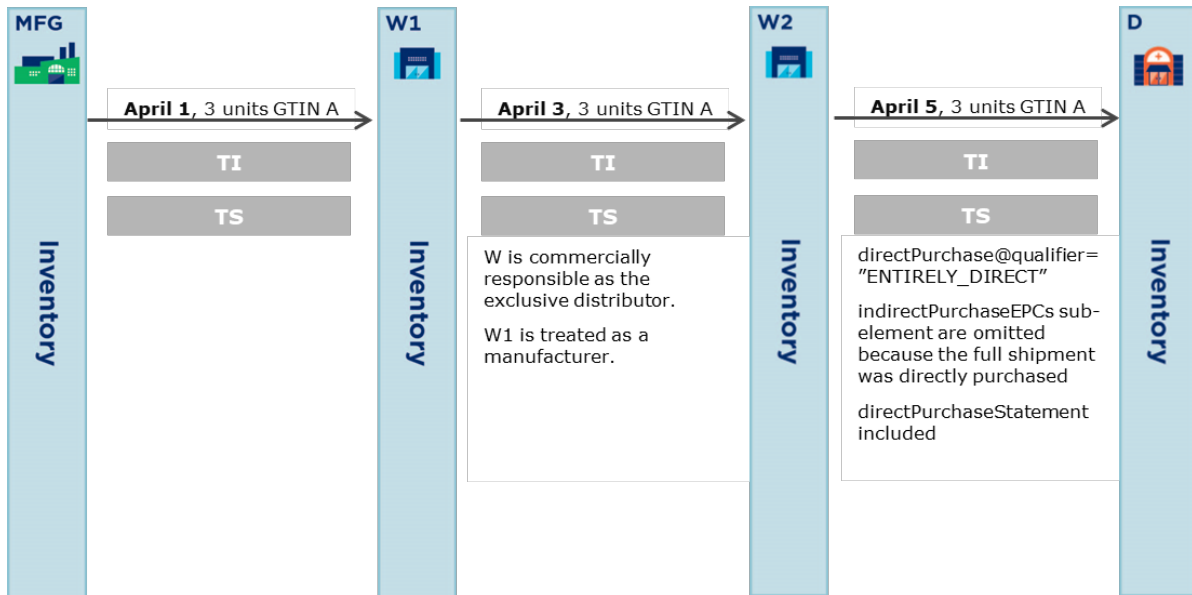
*Reference File:* [2\\_2\\_5\\_1\\_DropShip\\_ProdSentToDropShipParty\\_DataSentToW\\_SellerExch1](#)

**2.2.5.2 Sample XML: MFG → D / MFG → W → D**

*Reference File:* [2\\_2\\_5\\_2\\_DropShip\\_ProdSentToDropShipParty\\_DataSentToW\\_BuyerSendsData](#)

### 2.2.6 Exclusive Distributor Scenario

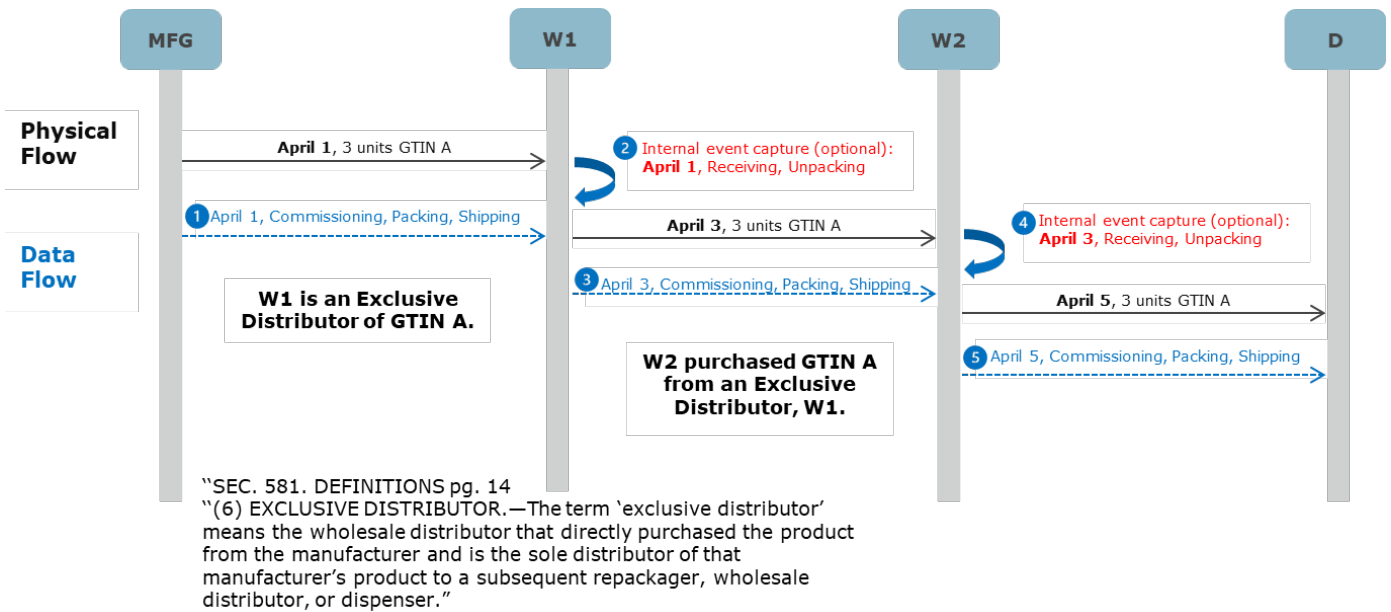
In this scenario, [[MFG ->W1]->W2->D], the Manufacturer (MFG) uses an Exclusive Distributor (W1) who sells to a Wholesale Distributor (W2) to supply to the Dispenser (D). The Exclusive Distributor (W1) is commercially responsible and therefore is treated as a manufacturer. This scenario shows a direct purchase from Manufacturer (MFG) and a direct purchase from an Exclusive Distributor (W1).



**“SEC. 581. DEFINITIONS pg. 14**  
**“(6) EXCLUSIVE DISTRIBUTOR.—The term ‘exclusive distributor’ means the wholesale distributor that directly purchased the product from the manufacturer and is the sole distributor of that manufacturer’s product to a subsequent repackager, wholesale distributor, or dispenser.”**

Scenario	Business Process Step	Notes
All units in shipment to Dispenser are purchased from a wholesaler who purchased directly from the Exclusive Distributor.	1. Buyer (W1) places order for 3 units.	
	2. Seller (MFG) processes the order for 3 units and provides Buyer (W1) with DSCSA transaction data.	
	3. Three units arrive at the Buyer (W1’s) warehouse along with DSCSA transaction data.	
	4. Buyer (W2) places order for 3 units from Seller (W1).	
	5. Seller (W1) processes the order for 3 units and provides Buyer (W2) with DSCSA transaction data.	Since W1 is exclusive distributor W1 is the trading partner that is commercially introducing the serialized products.
	6. Three units arrive at the Buyer (W2’s) warehouse along with DSCSA transaction data.	

Scenario	Business Process Step	Notes
	7. Buyer (D) places order for 3 units.	
	8. Seller (W2) prepares shipment and provides Buyer (D) with DSCSA transaction data.	<p>In the EPCIS <i>Shipping</i> event data</p> <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b>.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W2 to D was purchased by W2 from the exclusive distributor W1.</li> <li>Include directPurchaseStatement.</li> </ul>



	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to exclusive distributor, Wholesaler (W1), on April 1.	MFG	W1	MFG sends EPCIS <b>Commissioning, Packing,</b> and <b>Shipping</b> data to W1.
2	Wholesaler (W1) receives product into inventory.	N/A	N/A	For internal operations, W1 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
3	Wholesaler (W1) sells directly purchased product to Wholesaler (W2).	W1	W2	W1 sends relevant MFG-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W1-generated EPCIS <b>Commissioning (SSCC), Packing,</b> and <b>Shipping</b> data to W2.

4	Wholesaler (W2) receives product into inventory.	N/A	N/A	For internal operations, W2 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
5	Wholesaler (W2) sells product to Dispenser (D).	W2	D	<p>W2 sends MFG-provided EPCIS Commissioning and Packing data along with W2-generated EPCIS <b>Commissioning (SSCC)</b>, <b>Packing</b>, and <b>Shipping</b> data to D.</p> <ul style="list-style-type: none"> <li>• Set directPurchase @qualifier to <i>ENTIRELY_DIRECT</i> in the <b>Shipping</b> data.</li> <li>• Omit indirectPurchaseEPCs since the entire shipment from W2 to D is directly purchased by W2 from exclusive distributor W1.</li> <li>• Include directPurchaseStatement.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.



Exclusive Distributor: All Units are Purchased Indirectly by Distributor – XML Examples											directPurchase elements		
Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	Relevant DSCSA EPCIS Events	read Point	Biz Location	Source Owning Party	Source Location	Dest Owning Party	Dest Location	Direct Purchase	Indirect Purchase EPCs	Direct Purchase Statement
1 Manufacturer (MFG) sells product to Wholesaler (W1) on April 1	MFG	W1	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
			1	Shipping	MFG		MFG	MFG	W1	W1			
2 Wholesaler (W1) receives product into inventory	N/A	N/A	2	Receiving	W1	W1	MFG	MFG	W1	W1			
			2	Unpacking	W1	W1							
3 Wholesaler (W1) sells directly purchased product to Wholesaler (W2)	W1	W2	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
			3	Commissioning (SSCCs)	W1	W1							
			3	Packing	W1	W1							
			3	Shipping	W1		W1	W1	W2	W2			
4 Wholesaler (W2) receives product into inventory	N/A	N/A	4	Receiving	W2	W2	W1	W1	W2	W2			
			4	Unpacking	W2	W2							
5 Wholesaler (W2) sells product to Dispenser (D)	W2	D	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
			5	Commissioning (SSCCs)	W2	W2							
			5	Packing	W2	W2							
			5	Shipping	W2		W2	W2	D	D	@qualifier="ENTIRELY_DIRECT"	Omit	Include

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

**2.2.6.1 Sample XML: [MFG -> W1] ->W2 -> D**  
**Reference File: [2\\_2\\_6\\_1\\_ExclusiveDist\\_SellerExch1](#)**

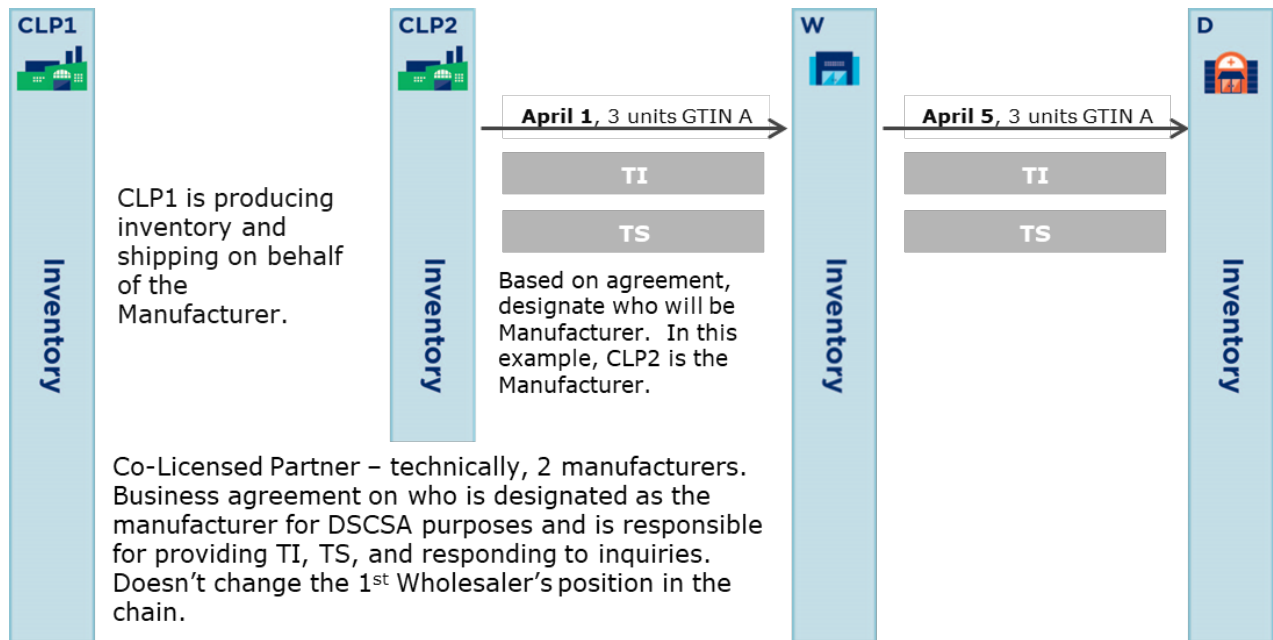




- 2.2.6.2 Sample XML: [MFG -> W1] ->W2 -> D**  
*Reference File:* [2 2 6 2 ExclusiveDist BuyerReceive1](#)
- 2.2.6.3 Sample XML: [MFG -> W1] ->W2 -> D**  
*Reference File:* [2 2 6 3 ExclusiveDist SellerExch2](#)
- 2.2.6.4 Sample XML: [MFG -> W1] ->W2 -> D**  
*Reference File:* [2 2 6 4 ExclusiveDist BuyerReceive2](#)
- 2.2.6.5 Sample XML: [MFG -> W1] ->W2 -> D**  
*Reference File:* [2 2 6 5 ExclusiveDist SellerExch3](#)

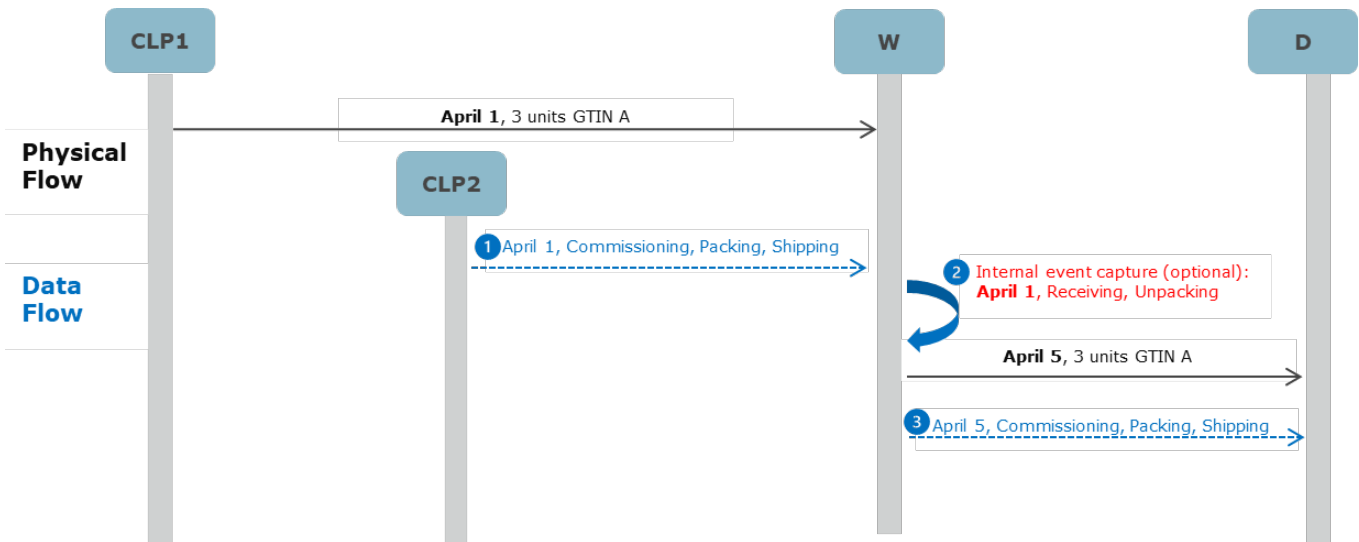
### 2.2.7 Co-License Partner Scenario

In this scenario, [[CLP1 (CLP2)]->W->D], all units in the shipment are directly purchased by W from Manufacturer (CLP2/MFG), who uses a Co-License Partner (CLP1) to produce inventory and fulfill the order. The agreement between CLP1 and CLP2 will designate who is Manufacturer for DSCSA purposes (in this example; CLP2 = MFG is designated as the party who will be responsible for providing TI/TS and responding to DSCSA related inquiries).



Scenario	Business Process Step	Notes
All units in shipment directly purchased from Manufacturer. Manufacturer uses Co-License Partner to fulfill order.	1. Buyer (W) places order for 3 units from Seller (CLP2), the designated MFG.	Product being ordered is under a co-license agreement.
	2. Seller (CLP2) is designated as MFG and CLP2 leverages partner (CLP1) to manufacture and ship the order for 3 units.	CLP1 and CLP2 have an established licensing agreement designating CLP2 with manufacturer responsibilities for DSCSA purposes.
	3. Seller (CLP2) provides DSCSA transaction data to Buyer (W).	CLP2 is responsible for providing TI/TS to buyer and responding to DSCSA inquiries.
	4. Three units arrive at the Buyer (W) warehouse.	
	5. Buyer (W) receives DSCSA transaction information from Seller (CLP2), the designated MFG per the agreement.	Since CLP1 shipped the order, the sourceList (location) is CLP1's warehouse. Since CLP2 is the designated MFG and Seller, the sourceList (owner) is CLP2.
	6. Buyer (D) places order for 3 units from Seller (W).	

Scenario	Business Process Step	Notes
	7. Seller (W) processes shipment and provides Buyer (D) with DSCSA transaction data.	<p>In the EPCIS <i>Shipping</i> event data</p> <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b>.</li> <li>Omit indirectPurchaseEPCs.</li> <li>Include directPurchaseStatement.</li> </ul>



	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (CLP2) sells product to Wholesaler (W) on April 1.	CLP2	W	CLP2 provides EPCIS <b>Commissioning</b> , <b>Packing</b> and <b>Shipping</b> data to W. <ul style="list-style-type: none"> <li>Source Owning Party is CLP2 while Source Location is CLP1.</li> </ul>
2	Wholesaler (W) receives product into inventory.	N/A	N/A	For internal operations, W optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
3	Wholesaler (W) sells product to Dispenser (D) on April 5.	W	D	W sends relevant CLP2-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W-generated logistics <b>Commissioning (SSCC)</b> , <b>Packing</b> , and <b>Shipping</b> data to D. <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b> in the Shipping data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.</li> <li>Include directPurchaseStatement.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
Note: Grey shading indicates non-DSCSA transaction.



Co-Licensed Partner: Co-Licensed Partner, CLP1, is producing inventory and shipping for designated co-licensed partner, CLP2, the designated MFG for DSCSA purposes – XML Examples												directPurchase elements			receivedDirectPurchaseFromPrevWhlsDist elements		
Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	Relevant DSCSA EPCIS Events	read Point	Biz Location	Source Owning Party	Source Location	Dest Owning Party	Dest Location	Direct Purchase	Indirect Purchase eEPCs	Direct Purchase eStatement	receivedDirectPurchaseFromPrevWhlsDist	prevReceivedIndirectPurchaseEPCs	receivedDirectPurchaseFromPrevWhlsDistStatement	
1 Manufacturer (CLP2) sells product to Wholesaler (W) on April 1	CLP2	W	1	Commissioning	As defined by the Co-License Partner Agreement												To minimize the maintenance burden of maintaining 3rd party agent GLN master data and protecting stakeholder privacy, it is acknowledged that for DSCSA, the GLN (SGLN) values, may be provided as the (corporate) entity GLN value, in place of their contracted parties' location GLN.
			1	Packing													
			1	Shipping													
2 Wholesaler (W) receives product into inventory	N/A	N/A	2	Receiving	W	W	CLP2	CLP1	W	W							
			2	Unpacking	W	W											
3 Wholesaler (W) sells directly purchased product to Dispenser (D) on April 5	W	D	1	Commissioning	CLP2	CLP2								N/A	N/A	N/A	
			1	Packing	CLP2	CLP2											
			3	Commissioning (SSCCs)	W	W											
			3	Packing	W	W											
			3	Shipping	W		W	W	D	D	@qualifier="ENTIRELY_DIRECT"	Omit	Include				

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

**2.2.7.1 Sample XML: [CLP1 (CLP2)] ->W -> D**

*Reference File: [2 2 7 1 CoLicensePartner SellerExch1](#)*

**2.2.7.2 Sample XML: [CLP1 (CLP2)] ->W -> D**

*Reference File: [2 2 7 2 CoLicensePartner BuyerReceive1](#)*

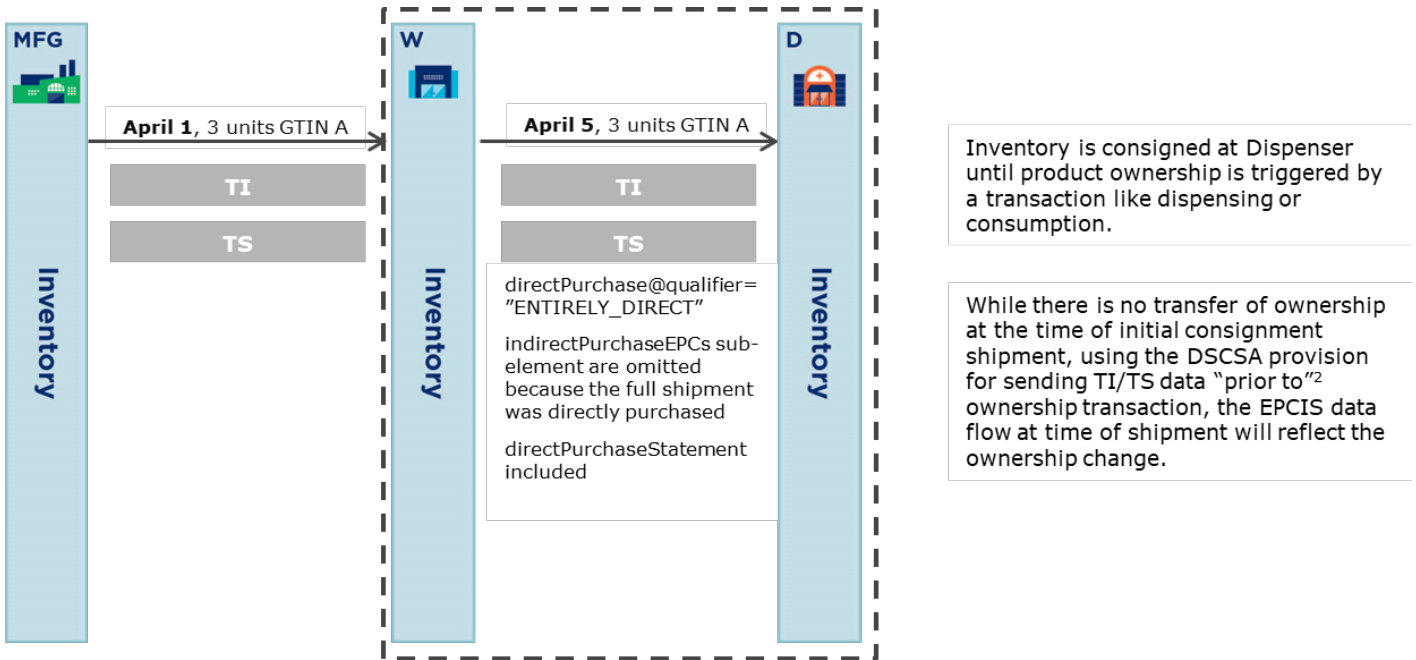
**2.2.7.3 Sample XML: [CLP1 (CLP2)] ->W -> D**

*Reference File: [2 2 7 3 CoLicensePartner SellerExch2](#)*

### 2.2.8 Consignment Scenario

The Consignment supply chain scenario [W->D in the example below but can be MFG->W or MFG->D as well] is also covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.2.10). EPCIS is provided at the change of possession and not resent at the change of ownership.

- Note:** The scenario below illustrates how the TI/TS can be sent during a change of possession as opposed to a change of ownership using the DSCSA provision for sending TI/TS data “prior to” ownership transaction<sup>2</sup>.
- Note:** Alternatively, the TI/TS can be sent when a triggering event occurs, such as consumption, and would follow a standard transaction data flow (see section 2.2.1). In this consignment scenario variation, a Shipping event would occur on the same day and time as the change of ownership, and the EPCs would be detailed accordingly. Since the TI/TS message for this alternative scenario does not vary from any TI/TS exchanges for ownership changes, the consignment supply chain illustration in this document will focus on the scenario of how TI/TS is exchanged during a change of possession, which is prior to change of ownership transfer.

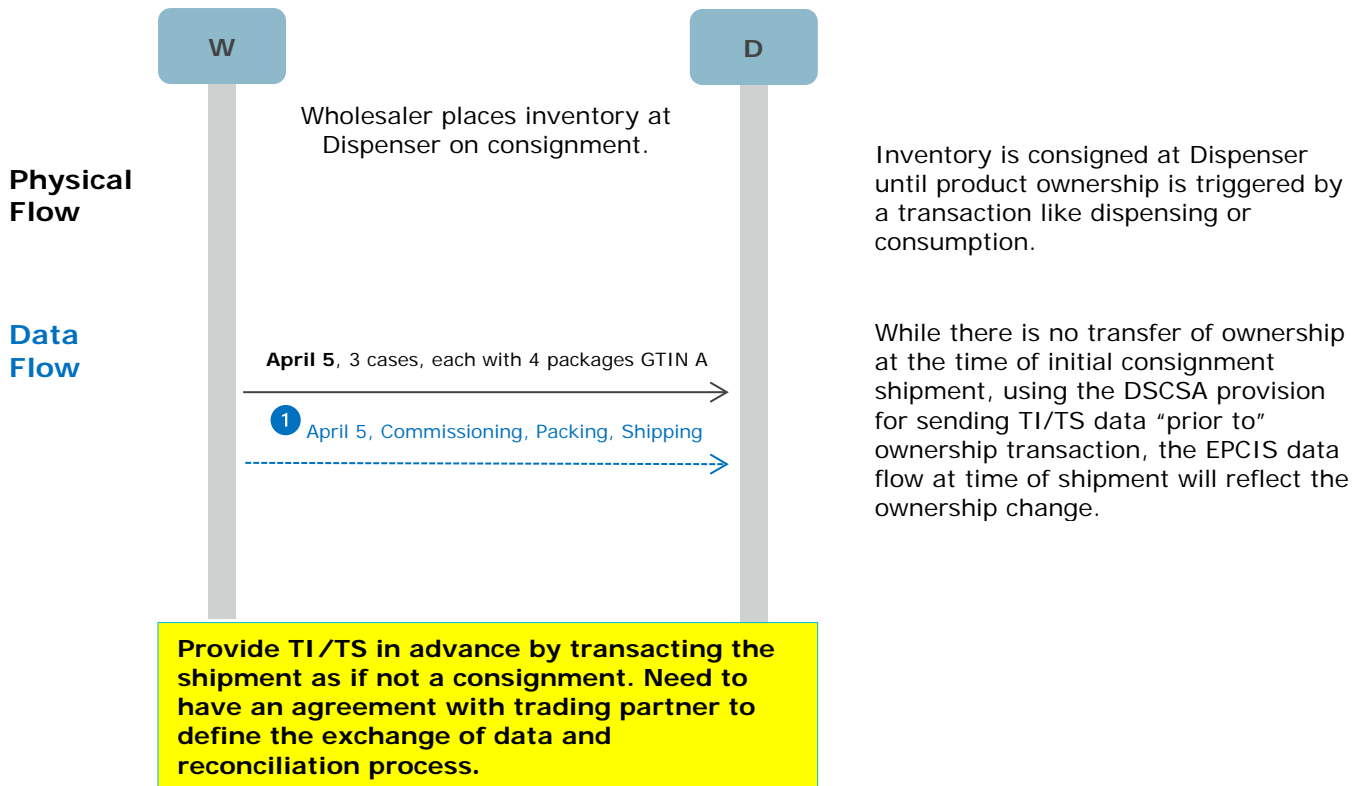


Scenario	Business Process Step	Notes
Wholesaler (W) ships product to Dispenser (D) under consignment	1. Buyer (W) places order for 3 units.	
	2. Seller (MFG) processes the order for 3 units and provides Buyer (W) with DSCSA transaction data.	

<sup>2</sup> DSCSA ([Title II, Section 582 \(9\)\(b\)\(1\)\(A\)\(i\)](#); (c)(1)(A)(i); (d)(1)(A)(i))

	3. Three units arrive at the Buyer (W's) warehouse along with DSCSA transaction data.	
	4. Buyer (D) sets up consignment order for 3 units.	
	5. Seller (W) processes the consignment order for 3 units and provides Buyer (D) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b> indicating the EPCs in the shipment have been directly purchased.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.</li> <li>Include directPurchaseStatement. Example: "Seller affirms that indicated product(s) were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced."</li> </ul>
	6. Three units arrive at the Buyer (D's) warehouse along with DSCSA transaction data.	

In the diagram below, the physical and data flow between Wholesaler and Dispenser are depicted in one step.



	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to Wholesaler (W).	MFG	W	MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W.
2	Wholesaler (W) receives product into inventory.	N/A	N/A	For internal operations, W optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
3	Wholesaler (W) ships product to Dispenser (D) on April 5 under consignment.	W	D	<p>Wholesaler sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to D.</p> <ul style="list-style-type: none"> <li>Indicate in the <i>Shipping</i> event that sourceList (owning party) is W and sourceList (location) is W's warehouse.</li> <li>Indicate in the <i>Shipping</i> event that destinationList (owning party) is D and destinationList (location) is D.</li> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b> indicating the EPCs in the shipment have been directly purchased.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.</li> <li>Include directPurchaseStatement. Example: "Seller affirms that indicated product(s) were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced."</li> <li>No Purchase Order can be provided at time of consignment. Only delivery document is included in bizTransaction.</li> </ul> <p><b>Note:</b> Since <b>TI/TS is provided in advance by transacting the shipment as if not a consignment</b>, the Shipping eventTime reflects the actual consignment shipment date instead of ownership change date.</p>



Direct Purchase: All EPCs in shipment are directly purchased – XML Examples											directPurchase elements		
Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	Relevant DSCSA EPCIS Events	read Point	Biz Location	Source Owning Party	Source Location	Dest Owning Party	Dest Location	Direct Purchase	Indirect Purchase EPCs	Direct Purchase Statement
1 Manufacturer (MFG) sells product to Wholesaler (W)	MFG	W	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
			1	Shipping	MFG		MFG	MFG	W	W			
2 Wholesaler (W) receives product into inventory	N/A	N/A	2	Receiving	W	W	MFG	MFG	W	W			
3 Wholesaler (W) ships product to Dispenser (D) on April 5 under consignment	W	D	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
				Commissioning (SSC)	W	W							
				Packing	W	W							
			1	Shipping	W		W	W	D	D	@qualifier="ENTIRELY_DIRECT"	Omit	Included

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

**2.2.8.1 Sample XML: W → D**

*Reference File:* [2 2 8 1 Consignment SellerExch1](#)

**2.2.8.2 Sample XML: W → D**

*Reference File:* [2 2 8 2 Consignment BuyerReceive1](#)

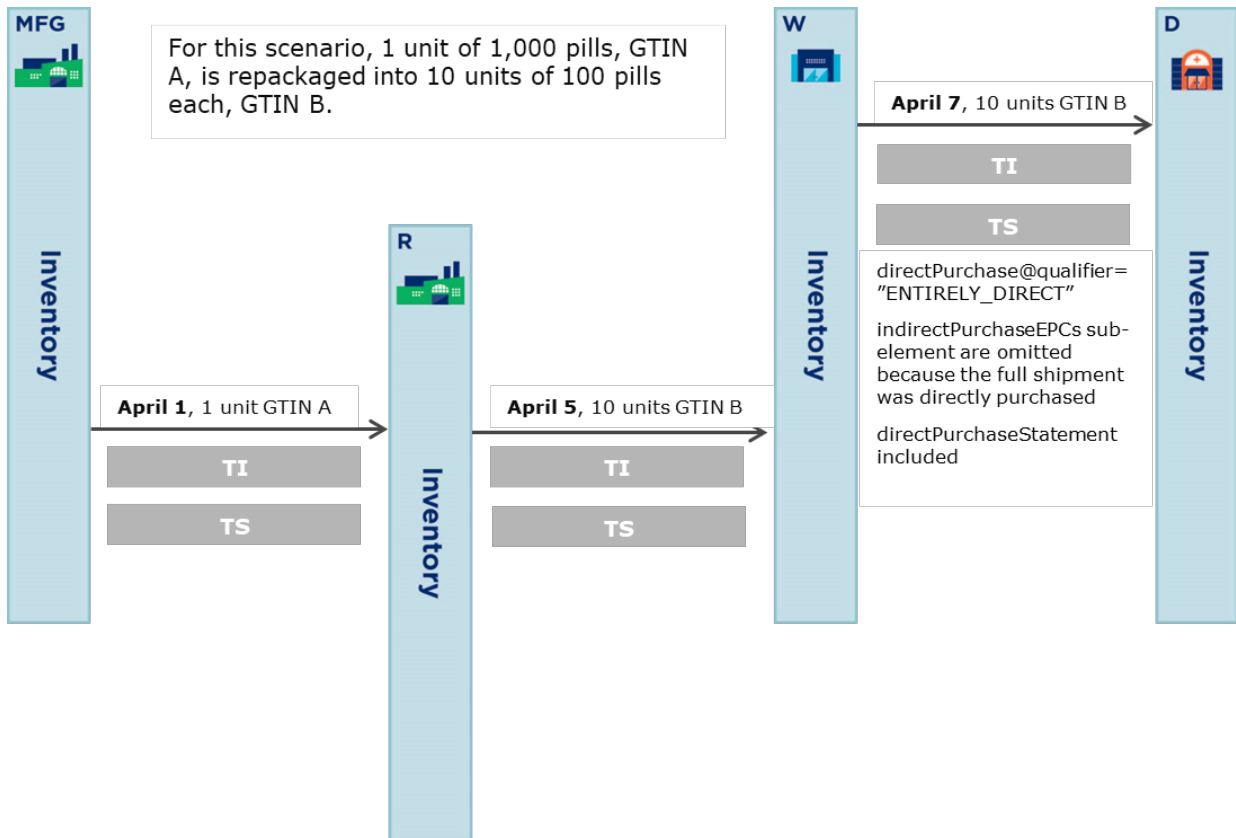
**2.2.8.3 Sample XML: W → D**

*Reference File:* [2 2 8 3 Consignment SellerExch2](#)



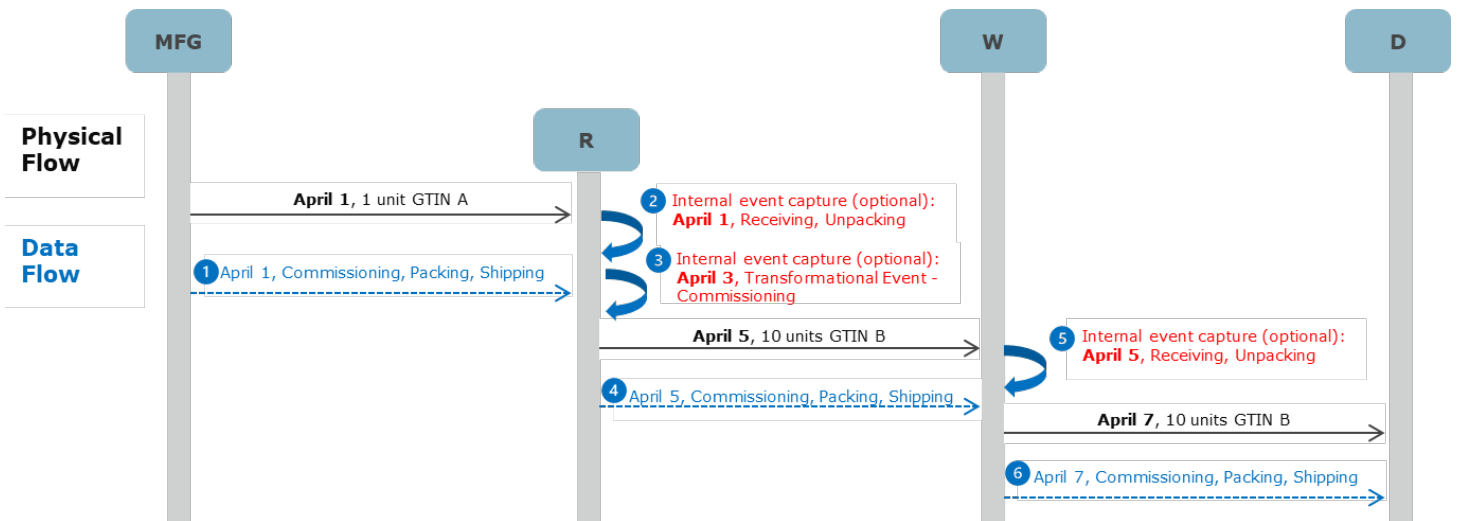
### 2.2.9 Repackaging Scenario

In this scenario, [MFG->R->W->D], the Repackager (R) acquires the original product directly from the Manufacturer and transforms it into a new package with a unique NDC. When using a Repackager, there are a variety of possible scenarios, some of which will require the transfer of ownership, while others will only require the transfer of custody. [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) provides examples of change of custody (see sections 2.2.12 and 2.2.13).



Scenario	Business Process Step	Notes
Repackager buys directly from Manufacturer and transforms product into new product as a result of repackaging	1. Buyer (R) places order for 1 unit of 1,000 pills of GTIN A from Manufacturer (MFG).	
	2. Seller (MFG) processes the order for 1 unit, GTIN A, and provides Buyer (R) with DSCSA transaction data.	
	3. One unit of 1,000 pills, GTIN A, arrives at the Buyer (R's) warehouse along with DSCSA transaction data.	

Scenario	Business Process Step	Notes
	4. Buyer (R) repackages 1 unit of 1,000 pills of GTIN A into 10 new units of 100 pills of GTIN B.	Repackager captures repackaging of 1 unit of 1,000 pills of GTIN A into 10 units of 100 pills of GTIN B with a <i>transformation event</i> with bizStep of <i>commissioning</i> .
	5. Buyer (W) places order for 10 units, GTIN B.	
	6. Seller (R) processes the order for 10 units, GTIN B, and provides Buyer (W) with DSCSA transaction data.	Repackager shares TI/TS for repackaged product to its downstream trading partners using <i>object event</i> with bizStep of <i>commissioning</i> .
	7. Ten units, GTIN B, arrive at the Buyer (W's) warehouse along with DSCSA transaction data.	
	8. Buyer (D) places order for 10 units, GTIN B.	
	9. Seller (W) prepares shipment and provides Buyer (D) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set <i>directPurchase @qualifier</i> to <b>ENTIRELY_DIRECT</b> indicating the EPCs in the shipment have been directly purchased.</li> <li>Omit <i>indirectPurchaseEPCs</i> since the entire shipment from W to D is directly purchased by W from R.</li> <li>Include <i>directPurchaseStatement</i>. Example: "Seller affirms that indicated product(s) were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced."</li> </ul>



	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to Repackager (R), on April 1.	MFG	R	MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W.
2	Repackager (R) receives product into inventory.	N/A	N/A	For internal operations, R optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data
3	Repackager (R) transforms product into 10 units on April 5.	N/A	N/A	
4	Repackager (R) sells product to Wholesaler (W), on April 5.	R	W	R sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W
5	Wholesaler (W) receives product into inventory.	N/A	N/A	For internal operations, W optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data
6	Wholesaler (W) sells product to Dispenser (D) on April 7.	W	D	W sends R-provided EPCIS Commissioning and Packing data along with W-generated EPCIS <b>Commissioning (SSCC), Packing, and Shipping</b> data to D. <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <i>ENTIRELY_DIRECT</i> in the <b>Shipping</b> data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from R.</li> <li>Include directPurchaseStatement.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
Note: Grey shading indicates non-DSCSA transaction.



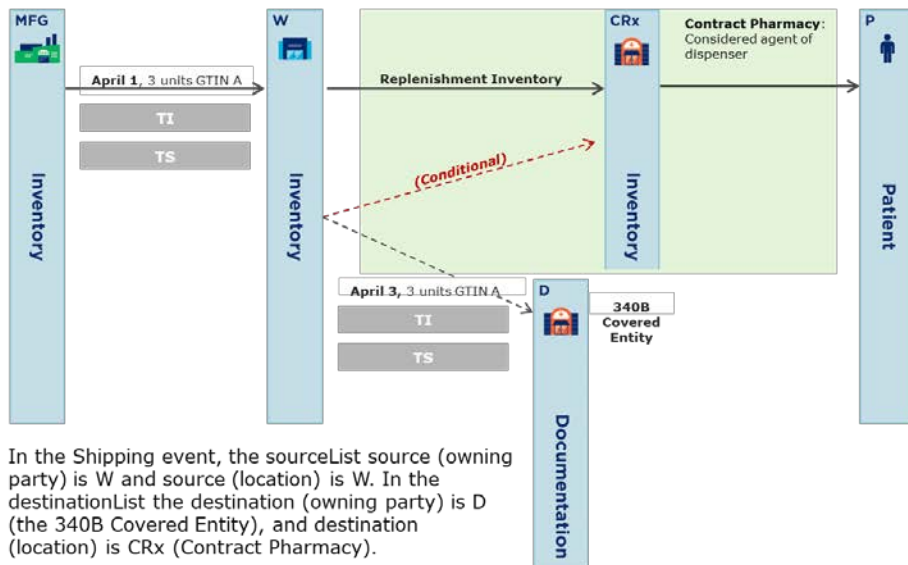
Repackaging Scenario: Repackager Buys Units Direct from Manufacturer and Transforms into New Units – XML Examples											directPurchase elements			
Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	Relevant DSCSA EPCIS Events	read Point	Biz Location	Source Owning Party	Source Location	Dest Owning Party	Dest Location	Direct Purchase	Indirect Purchase EPCs	Direct Purchase Statement	
1 Manufacturer (MFG) sells product to Repackager (R) on April 1	MFG	R	1	Commissioning	MFG	MFG								
			1	Packing	MFG	MFG								
			1	Shipping	MFG		MFG	R	R					
2 Repackager (R) receives product into inventory	N/A	N/A	2	Receiving	R	R	MFG	MFG	R	R				
			2	Unpacking	R	R								
3 Repackager (R) transforms product into new product	N/A	N/A	3	Commissioning	R	R								
4 Repackager (R) sells product to Wholesaler (W)	R	W	4	Commissioning	R	R								
			4	Packing	R	R								
			4	Shipping	R		R	R	W	W				
5 Wholesaler (W) receives product into inventory	N/A	N/A	5	Receiving	W	W	R	R	W	W				
			5	Unpacking	W	W								
6 Wholesaler (W) sells directly purchased product to Dispenser (D)	W	D	4	Commissioning	R	R								
			4	Packing	R	R								
			6	Commissioning (SSCC)	W	W								
			6	Packing	W	W								
			6	Shipping	W		W	W	D	D	@qualifier="ENTIRELY_DIRECT"	Omit	Included	

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

- 2.2.9.1 Sample XML: MFG → R → W → D**  
*Reference File:* [2 2 9 1 Repackaging SellerExch1](#)
- 2.2.9.2 Sample XML: MFG → R → W → D**  
*Reference File:* [2 2 9 2 Repackaging BuyerReceive1](#)
- 2.2.9.3 Sample XML: MFG → R → W → D**  
*Reference File:* [2 2 9 3 Repackaging Transformation](#)
- 2.2.9.4 Sample XML: MFG → R → W → D**  
*Reference File:* [2 2 9 4 Repackaging SellerExch2](#)
- 2.2.9.5 Sample XML: MFG → R → W → D**  
*Reference File:* [2 2 9 5 Repackaging BuyerReceive2](#)
- 2.2.9.6 Sample XML: MFG → R → W → D**  
*Reference File:* [2 2 9 6 Repackaging SellerExch3](#)

### 2.2.10 340B Program Scenario

In this scenario, [MFG->W->CRx/D], there is a shipment of product under a 340B program that is shipped from the Wholesale Distributor to Contract Pharmacy(CRx) which acts as an agent of the Covered Entity (D). Under 340B program, the 340B Covered Entity (D) purchases the 340B-covered outpatient drugs. Consequently, the supplier provides the Covered Entity (D) with TI/TS data for 340B shipment sent to Contract Pharmacy (CRx). From a DSCSA perspective, there is no transfer of ownership between the Contract Pharmacy (CRx) and the Covered Entity (D). While there is NO regulatory, TI/TS that is exchanged between the Covered Entity (D) and the Contract Pharmacy (CRx), potentially for business trading operational requirements, the supplier may provide MFG-provided EPCIS Commissioning and Packing data along with W-generated EPCIS Commissioning (SSCC), Packing, and Shipping data to the Contract Pharmacy (CRx) as informed by DSCSA transaction with D (Covered Entity) in addition to sending it to the 340B Covered Entity if the Covered Entity (D) provides written permission to the supplier, either the manufacturer or distributor, and the covered entity and contract pharmacy have a written agreement between them. This scenario is also covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.2.11).



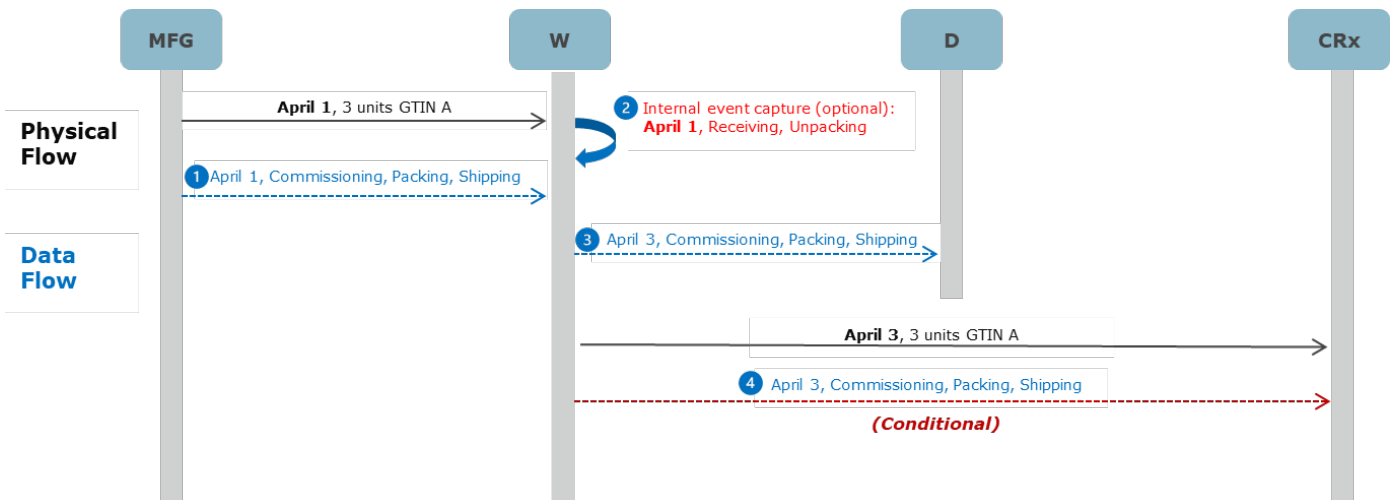
Under the 340B program, it's the **340B covered entity** who **purchases** the covered outpatient drugs. When a Contract Pharmacy receives 340B product, the corresponding **DSCSA TS and TI documentation goes to the 340B covered entity that purchased the product.**

From a DSCSA perspective, there is no transfer of ownership between the Contract Pharmacy (CRx) and the Covered Entity (D). While there is NO regulatory, TI/TS that is exchanged between the Covered Entity (D) and the Contract Pharmacy (CRx), potentially for business trading operational requirements, the supplier may provide MFG-provided EPCIS Commissioning and Packing data along with W-generated EPCIS Commissioning (SSCC), Packing, and Shipping data to the Contract Pharmacy (CRx) as informed by DSCSA transaction with D (Covered Entity) in addition to sending it to the 340B Covered Entity if the Covered Entity (D) provides written permission to the supplier, either the manufacturer or distributor, and the covered entity and contract pharmacy have a written agreement between them.

In the Shipping event, the sourceList source (owning party) is W and source (location) is W. In the destinationList the destination (owning party) is D (the 340B Covered Entity), and destination (location) is CRx (Contract Pharmacy).

Scenario	Business Process Step	Notes
Shipment of product under a 340B program is shipped from the Wholesale Distributor to Contract Pharmacy(CRx) which acts as an agent of the Covered Entity (D)	1. Buyer (W) places order for 3 units.	
	2. Seller (MFG) processes the order for 3 units and provides Buyer (W) with DSCSA transaction data.	
	3. Three units arrive at the Buyer (W's) warehouse along with DSCSA transaction data.	
	4. Buyer (D) places order for 3 units under 340B Program.	

Scenario	Business Process Step	Notes
	5. Seller (W) prepares shipment and provides Buyer (D) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b> indicating the EPCs in the shipment have been directly purchased.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.</li> <li>Include directPurchaseStatement. Example: "Seller affirms that indicated product(s) were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced."</li> </ul>
	6. Seller (W) delivers product to Contract Pharmacy (CRx) and provides DSCSA transaction data due to written approval from Covered Entity (D).	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b> indicating the EPCs in the shipment have been directly purchased.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.</li> <li>Include directPurchaseStatement. Example: "Seller affirms that indicated product(s) were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced."</li> </ul>



	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to Wholesaler (W), on April 1.	MFG	W	MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W.
2	Wholesaler (W) receives product into inventory.	N/A	N/A	For internal operations, W optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
3	Wholesaler (W) sells product to Covered Entity (D) under 340B program and ships product to Contract Pharmacy (CRx), who has been designated as its agent by Covered Entity (D).	W	D	<p>W sends relevant MFG-provided EPCIS Commissioning and Packing data along with W-generated EPCIS <b>Commissioning (SSCC), Packing, and Shipping</b> data to D.</p> <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <i>ENTIRELY_DIRECT</i> in the <b>Shipping</b> data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W to D/CRx is directly purchased by W from MFG.</li> <li>Include directPurchaseStatement.</li> </ul>
4	Wholesaler (W) conditionally provides TI/TS data to Contract Pharmacy upon written agreement between Wholesaler (W) and Covered Entity (D).	W	CRx	<p>Covered Entity (D) establishes data exchange parameters between the supplier, Wholesaler (W), and the Contract Pharmacy (CRx). If the Covered Entity (D) provides written permission to the supplier Wholesaler (W) and established a written agreement between Covered Entity (D) and Contract Pharmacy (CRx), W sends MFG-provided EPCIS <b>Commissioning and Packing</b> data along with W-generated <b>Commissioning (SSCC), Packing, and Shipping</b> data to CRx. The content of the EPCIS message sent by W to CRx is the same as the content sent by W to D except for CRx is the Receiver designated in the EPCIS SBDH header.</p> <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <i>ENTIRELY_DIRECT</i> in the Shipping data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W to D/CRx is directly purchased by W from MFG.</li> <li>Include directPurchaseStatement.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.





340B Shipment: Shipment of product under a 340B program that is shipped from the Wholesale Distributor to Contract Pharmacy(CRx) which acts as an agent of the Covered Entity (D) – XML Examples											directPurchase elements		
Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	Relevant DSCSA EPCIS Events	read Point	Biz Location	Source Owning Party	Source Location	Dest Owning Party	Dest Location	Direct Purchase	Indirect Purchase EPCs	Direct Purchase Statement
1 Manufacturer (MFG) sells product to Wholesaler (W) on April 1	MFG	W	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
			1	Shipping	MFG		MFG	MFG	W	W			
2 Wholesaler (W) receives product into inventory	N/A	N/A	2	Receiving	W	W	MFG	MFG	W	W			
			2	Unpacking	W	W							
3 Wholesaler (W) sells product to Covered Entity (D) under 340B Program and ships the product to the Contract Pharmacy (CRx)	W	D	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
			3	Commissioning (SSCCs)	W	W							
			3	Packing	W	W							
			3	Shipping	W		W	W	D	CRx	@qualifier="ENTIRELY_DIRECT"	Omit	Include
4 If the Covered Entity (D) provides written permission to the supplier, TI/TS information is shared with Contract Pharmacy (CRx)	W	CRx	1	Commissioning	MFG	MFG							
			1	Packing	MFG	MFG							
			3	Commissioning (SSCCs)	W	W							
			3	Packing	W	W							
			3	Shipping	W		W	W	D	CRx	@qualifier="ENTIRELY_DIRECT"	Omit	Include

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

**2.2.10.1 Sample XML: MFG → W → CRx/D**  
**Reference File:** [2\\_2\\_10\\_1\\_340B\\_SellerExch1](#)

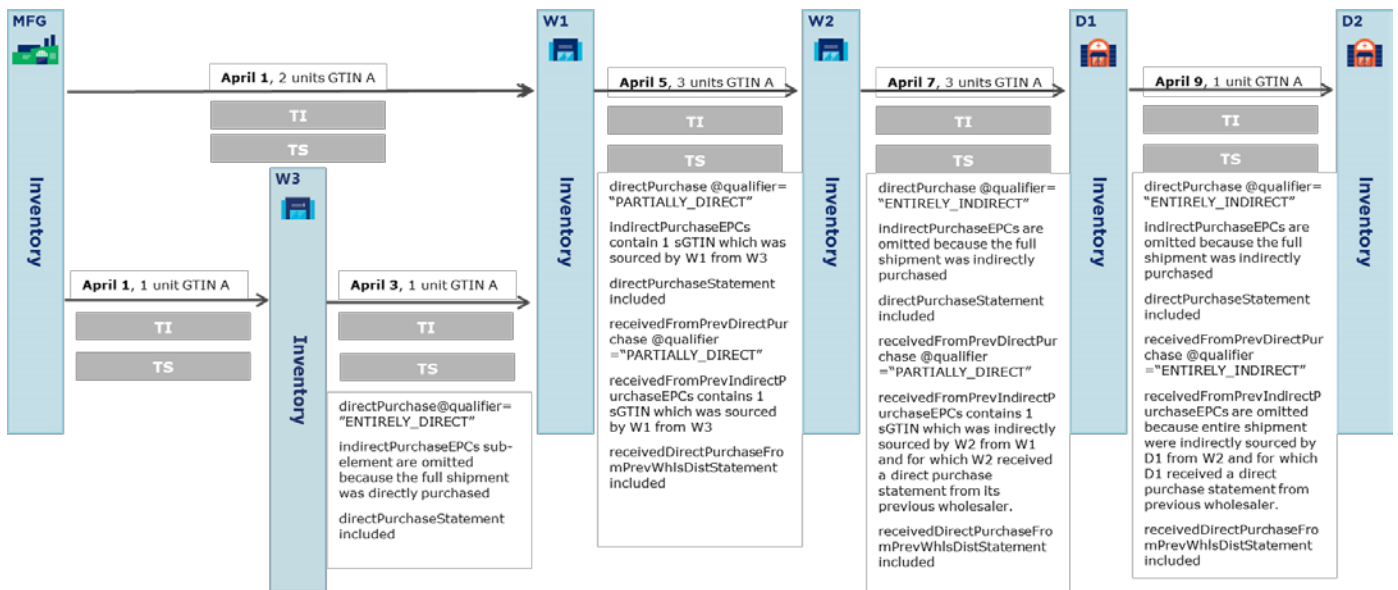
**2.2.10.2 Sample XML: MFG → W → CRx/D**  
**Reference File:** [2\\_2\\_10\\_2\\_340B\\_Receive1](#)



- 2.2.10.3**    **Sample XML: MFG → W → CRx/D**  
*Reference File:* [2 2 10 3 340B SellerExch2](#)
  
- 2.2.10.4**    **Sample XML: MFG → W → CRx/D**  
*Reference File:* [2 2 10 4 340B SellerExch2 CP](#)

### 2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain

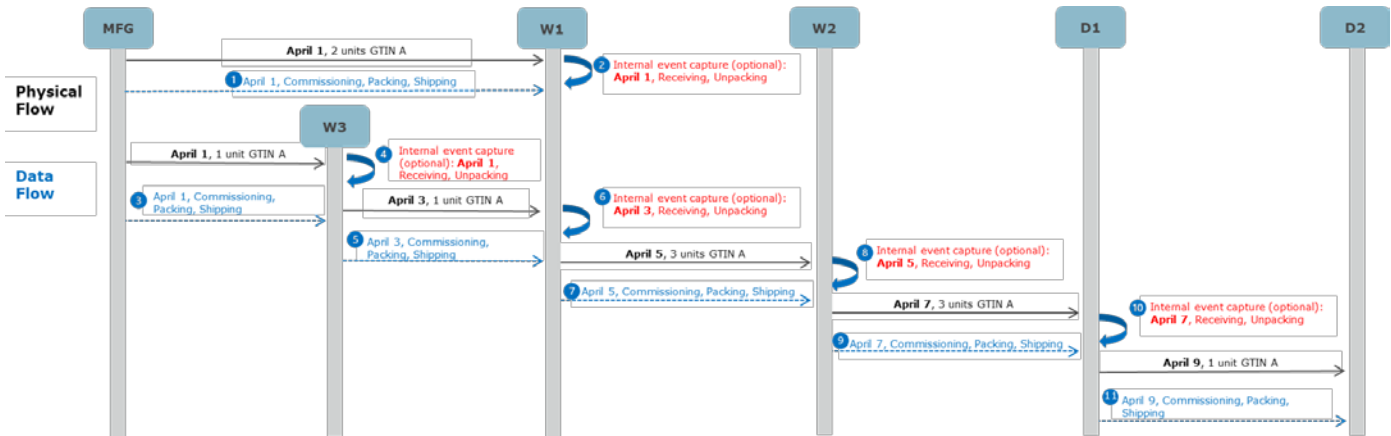
In this scenario, [(MFG->W1 + MFG->W3->W1)->W2->D1->D2], a shipment is made to a secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary Wholesaler (W2), who was supplied by the primary Wholesaler (W1). The primary Wholesaler (W1) in turn had directly purchased the product from the Manufacturer (MFG). This illustrates the complex relationship between these different parties, showing how the product and data passed through multiple trading partners before reaching the end owner.



Scenario	Business Process Step	Notes
Shipment to a secondary dispenser who buys products from primary dispenser.	1. Buyer (W1) places order for 2 units from MFG.	
	2. Seller (MFG) processes the order from W1 for 2 units and provides Buyer (W1) with DSCSA transaction data.	
	3. Two units arrive at the Buyer (W1's) warehouse with DSCSA transaction data.	
	4. Buyer (W3) places order for 1 unit from MFG.	
	5. Seller (MFG) processes the order from W3 for 1 unit and provides Buyer (W3) with DSCSA transaction data.	

Scenario	Business Process Step	Notes
	6. One unit arrives at Buyer (W3's) warehouse along with DSCSA transaction data.	
	7. Buyer (W1) places order for 1 unit from another Seller (W3).	
	8. Seller (W3) processes the order from Buyer (W1) for 1 unit and provides Buyer (W1) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_DIRECT</b> in the <b>Shipping</b> data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W3 to W1 is directly purchased by W3 from MFG.</li> <li>Include directPurchaseStatement.</li> </ul>
	9. One unit arrives at the Buyer (W1's) warehouse along with DSCSA transaction data.	
	10. Buyer (W2) places order for 3 units from another Seller (W1).	
	11. Seller (W1) processes the order from Buyer (W2) for 3 units and provides Buyer (W2) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>PARTIALLY_DIRECT</b> in the <b>Shipping</b> data.</li> <li>Specify the 1 unit purchased by W2 from W1 as indirectPurchaseEPCs.</li> <li>Include directPurchaseStatement.</li> <li>Set receivedFromPrevDirectPurchase @qualifier to <b>PARTIALLY_DIRECT</b>.</li> <li>Specify the 1 unit purchased by W1 from W3 as receivedFromPrevIndirectPurchaseEPCs.</li> <li>Include receivedDirectPurchaseFromPrevWhlsDistStatement.</li> </ul>
	12. Three units arrives at the Buyer (W2's) warehouse along with DSCSA transaction data.	
	13. Buyer (D1) places order for 3 units from W2.	
	14. Seller (W2) processes the order for 3 units and provides Buyer (D1) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_INDIRECT</b> in the <b>Shipping</b> data.</li> <li>indirectPurchaseEPCs are omitted because the full shipment was indirectly purchased.</li> <li>Include directPurchaseStatement.</li> <li>Set receivedFromPrevDirectPurchase @qualifier to <b>PARTIALLY_DIRECT</b>.</li> <li>Specify the 1 unit purchased by W2 from W1 as receivedFromPrevIndirectPurchaseEPCs.</li> <li>Include receivedDirectPurchaseFromPrevWhlsDistStatement.</li> </ul>
	15. Three units arrive at the Buyer (D1's) warehouse along with DSCSA transaction data.	
	16. Buyer (D2) places order for 3 units to (D1).	

Scenario	Business Process Step	Notes
	17. Seller (D1) processes the order for 1 unit and provides Buyer (D2) with DSCSA transaction data.	<ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <b>ENTIRELY_INDIRECT</b> in the Shipping data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from D1 to D2 is indirectly purchased</li> <li>Include directPurchaseStatement.</li> <li>Set receivedFromPrevDirectPurchase @qualifier to <b>ENTIRELY_INDIRECT</b>.</li> <li>Omit receivedFromPrevIndirectPurchaseEPCs since the entire shipment was indirectly purchased by D1 from W2.</li> <li>Include receivedDirectPurchaseFromPrevWhIsDistStatement.</li> </ul>
	12. Three units arrives at the Buyer (W2's) warehouse along with DSCSA transaction data.	



	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
1	Manufacturer (MFG) sells product to Wholesaler (W1) on April 1.	MFG	W1	MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W1.
2	Wholesaler (W1) receives product into inventory.	N/A	N/A	For internal operations, W1 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
3	Manufacturer (MFG) sells product to Wholesaler (W3) on April 1.	MFG	W3	<ul style="list-style-type: none"> <li>MFG sends EPCIS <b>Commissioning, Packing, and Shipping</b> data to W3.</li> </ul>

	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
4	Wholesaler (W3) receives product into inventory.	N/A	N/A	For internal operations, W3 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
5	Wholesaler (W3) sells directly purchased product to Wholesaler (W1).	W3	W1	W3 sends MFG-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W3-generated logistics <b>Commissioning (SSCC)</b> , <b>Packing</b> , and <b>Shipping</b> data to W1. <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <i>ENTIRELY_DIRECT</i> in the <b>Shipping</b> data.</li> <li>Omit indirectPurchaseEPCs since the entire shipment from W3 to W1 is directly purchased by W3 from MFG.</li> <li>Include directPurchaseStatement.</li> </ul>
6	Wholesaler (W1) receives product into inventory.	N/A	N/A	For internal operations, W1 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data
7	Wholesaler (W1) sells product to Wholesaler (W2).	W1	W2	W1 sends relevant transaction MFG-provided and W3-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W1-generated logistics <b>Commissioning (SSCC)</b> , <b>Packing</b> and <b>Shipping</b> data to W2. <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <i>PARTIALLY_DIRECT</i> in the <b>Shipping</b> data.</li> <li>Specify the 1 unit purchased by W1 from W3 as indirectPurchaseEPCs.</li> <li>Include directPurchaseStatement.</li> <li>Set receivedFromPrevDirectPurchase @qualifier to <i>PARTIALLY_DIRECT</i>.</li> <li>Specify the 1 unit purchased by W1 from W3 as receivedFromPrevIndirectPurchaseEPCs.</li> <li>Include receivedDirectPurchaseFromPrevWhlsDistStatement.</li> </ul>
8	Wholesaler (W2) receives product into inventory.	N/A	N/A	For internal operations, W2 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
9	Wholesaler (W2) sells indirectly purchased product to Dispenser (D1).	W2	D1	W2 sends relevant transaction MFG-provided, W3-provided, and W1-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with W2-generated logistics <b>Commissioning (SSCC)</b> , <b>Packing</b> and <b>Shipping</b> data to D1. <ul style="list-style-type: none"> <li>Set directPurchase @qualifier to <i>ENTIRELY_INDIRECT</i> in the <b>Shipping</b> data.</li> <li>indirectPurchaseEPCs are omitted because the full shipment was indirectly purchased.</li> <li>Include directPurchaseStatement.</li> <li>Set receivedFromPrevDirectPurchase @qualifier to <i>PARTIALLY_DIRECT</i>.</li> <li>Specify the 1 unit purchased by W2 from W1 as receivedFromPrevIndirectPurchaseEPCs.</li> <li>Include receivedDirectPurchaseFromPrevWhlsDistStatement.</li> </ul>

	Business Steps	Message Sending Party	Message Receiving Party	DSCSA Electronic Exchange
10	Dispenser (D1) receives product into inventory.	N/A	N/A	For internal operations, D1 optionally records EPCIS <b>Receiving</b> and/or <b>Unpacking</b> data.
11	Dispenser (D1) sells indirectly purchased product to Dispenser (D2).	D1	D2	<p>D1 sends relevant transaction MFG-provided, W3-provided, W1-provided, and W2-provided EPCIS <b>Commissioning</b> and <b>Packing</b> data along with D1-generated logistics <b>Commissioning (SSCC)</b>, <b>Packing</b> and <b>Shipping</b> data to D2.</p> <ul style="list-style-type: none"> <li>• Set directPurchase @qualifier to ENTIRELY_INDIRECT in the Shipping data.</li> <li>• Omit indirectPurchaseEPCs since the entire shipment from D1 to D2 is indirectly purchased</li> <li>• Include directPurchaseStatement.</li> <li>• Set receivedFromPrevDirectPurchase @qualifier to ENTIRELY_INDIRECT.</li> <li>• Omit receivedFromPrevIndirectPurchaseEPCs since the entire shipment was indirectly purchased by D1 from W2.</li> <li>• Include receivedDirectPurchaseFromPrevWhlsDistStatement.</li> </ul>

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.



Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain – XML Examples											directPurchase elements			receivedDirectPurchaseFromPrevWhIsDist elements				
Business Step	EPCIS Sending Party	EPCIS Receiving Party	Originating Dataflow Source	Relevant DSCSA EPCIS Events	read Point	Biz Location	Source Owning Party	Source Location	Dest Owning Party	Dest Location	Direct Purchase	Indirect Purchase EPCs	Direct Purchase Statement	receivedDirectPurchaseFromPrevWhIsDist	prevReceivedIndirectPurchaseEPCs	receivedDirectPurchaseFromPrevWhIsDistStatement		
1	MFG	W1	1	Commissioning	MFG	MFG												
			1	Packing	MFG	MFG												
			1	Shipping	MFG		MFG	MFG	W1	W1								
2	N/A	N/A	2	Receiving	W1	W1	MFG	MFG	W1	W1								
			2	Unpacking	W1	W1												
3	MFG	W3	3	Commissioning	MFG	MFG												
			3	Packing	MFG	MFG												
			3	Shipping	MFG		MFG	MFG	W3	W3								
4	N/A	N/A	4	Receiving	W3	W3	MFG	MFG	W3	W3								
			4	Unpacking	W3	W3												
5	W3	W1	3	Commissioning	MFG	MFG												
			3	Packing	MFG	MFG												
			5	Commissioning (SSCCs)	W3	W3												
			5	Packing	W3	W3												
			5	Shipping	W3		W3	W3	W1	W1	@qualifier="ENTIRELY_DIRECT"	Omit	Included					
6	N/A	N/A	6	Receiving	W1	W1	W3	W3	W1	W1	@qualifier="ENTIRELY_DIRECT"	Omit	Included					
			6	Unpacking	W1	W1												
7	W1	W2	1	Commissioning	MFG	MFG												





Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain – XML Examples										directPurchase elements			receivedDirectPurchaseFromPrevWhIsDist elements							
product to Wholesaler (W2)			1	Packing	MFG	MF G														
			3	Commissioning	MFG	MF G														
			3	Packing	MFG	MF G														
			5	Commissioning (SSCCs)	W3	W3														
			5	Packing	W3	W3														
			7	Commissioning (SSCCs)	W1	W1														
			7	Packing	W1	W1														
			7	Shipping	W1		W1	W1	W2	W2	@qualifier = "PARTIALLY_DIRECT"	List EPC from W3	Included	@qualifier = "PARTIALLY_DIRECT"	List EPC from W3	Included				
8	Wholesaler (W2) receives product into inventory	N/A	N/A	8	Receiving	W2	W2	W1	W1	W2	W2	@qualifier = "PARTIALLY_DIRECT"	List EPC from W3	Included	@qualifier = "PARTIALLY_DIRECT"	List EPC from W3	Included			
				8	Unpacking	W2	W2													
9	Wholesaler (W2) sells indirectly purchased product to Dispenser (D1)	W2	D1	1	Commissioning	MFG	MF G													
				1	Packing	MFG	MF G													
				3	Commissioning	MFG	MF G													
				3	Packing	MFG	MF G													
				5	Commissioning (SSCCs)	W3	W3													
				5	Packing	W3	W3													
				7	Commissioning (SSCCs)	W1	W1													



Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain – XML Examples											directPurchase elements			receivedDirectPurchaseFromPrevWhIsDist elements					
			7	Packing	W1	W1													
			9	Commissioning (SSCCs)	W2	W2													
			9	Packing	W2	W2													
			9	Shipping	W2		W2	W2	D1	D1	@qualifier="ENTIRELY_INDIRECT"	Omit	Included	@qualifier="PARTIALLY_DIRECT"	List EPC from W3	Included			
10	Dispenser (D1) receives product into inventory	N/A	N/A	10	Receiving	D1	D1	W2	W2	D1	D1	@qualifier="ENTIRELY_INDIRECT"	Omit	Included	@qualifier="PARTIALLY_DIRECT"	List EPC from W3	Included		
				10	Unpacking	D1	D1												
11	Dispenser (D1) sells indirectly purchased product to Dispenser (D2)	D1	D2	1	Commissioning	MFG	MF G												
				1	Packing	MFG	MF G												
				3	Commissioning	MFG	MF G												
				3	Packing	MFG	MF G												
				5	Commissioning (SSCCs)	W3	W3												
				5	Packing	W3	W3												
				7	Commissioning (SSCCs)	W1	W1												
				7	Packing	W1	W1												
				9	Commissioning (SSCCs)	W2	W2												
				9	Packing	W2	W2												
			11	Commissioning (SSCCs)	D1	D1													



Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain – XML Examples											directPurchase elements			receivedDirectPurchaseFromPrevWh IsDist elements		
			11	Packing	D1	D1										
			11	Shipping	D1		D1	D1	D2	D2	@qualifier="ENTIRELY_INDIRECT"	Omit	Included	@qualifier="ENTIRELY_INDIRECT"	Omit	Included

Note: Dates are shown for illustrative purposes only.  
 Note: Grey shading indicates non-DSCSA transaction.

- 2.2.11.1 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_1\\_ElongatedtSalesTxBet2Disp\\_SellerExch1](#)**
- 2.2.11.2 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_2\\_ElongatedtSalesTxBet2Disp\\_BuyerReceive1](#)**
- 2.2.11.3 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_3\\_ElongatedtSalesTxBet2Disp\\_SellerExch2](#)**
- 2.2.11.4 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_4\\_ElongatedtSalesTxBet2Disp\\_BuyerReceive2](#)**
- 2.2.11.5 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_5\\_ElongatedtSalesTxBet2Disp\\_SellerExch3](#)**
- 2.2.11.6 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_6\\_ElongatedtSalesTxBet2Disp\\_BuyerReceive3](#)**
- 2.2.11.7 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_7\\_ElongatedtSalesTxBet2Disp\\_SellerExch4](#)**
- 2.2.11.8 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_8\\_ElongatedtSalesTxBet2Disp\\_BuyerReceive4](#)**
- 2.2.11.9 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_9\\_ElongatedtSalesTxBet2Disp\\_SellerExch5](#)**
- 2.2.11.10 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_10\\_ElongatedtSalesTxBet2Disp\\_BuyerReceive5](#)**
- 2.2.11.11 **Sample XML: (MFG -> W1 + MFG -> W3 -> W1)-> W2 -> D1 -> D2**  
**Reference File: [2\\_2\\_11\\_11\\_ElongatedtSalesTxBet2Disp\\_SellerExch6](#)**

## 2.3 Statement Only Supply Chain Scenarios

### 2.3.1 Contract Manufacturing Scenario

The scenario of a manufacturer utilizing a contract manufacturer organization (CMO), [CMO->MFG], is covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.2.3). The interaction between the third-party organization and the manufacturer (MFG) is NOT in scope as a DSCSA transaction.

- **Chain of Custody Cross Reference:** 2.2.3 Manufacturer utilizes Contract Manufacturer (with serialization)
- **Note:** Since the special case for this scenario occurs between CMO to MFG data exchange, which is covered under Chain of Custody, the DSCSA interactions between MFG and W and D will be no different.

### 2.3.2 Contract Packaging Scenario

The scenario of a manufacturer utilizing a contract packaging organization (CPO), [CPO->MFG], is covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.2.7-2.2.9). The interaction between the third-party organization and the manufacturer (MFG) is NOT in scope as a DSCSA transaction.

- **Chain of Custody Cross Reference:**
  - 2.2.7 Manufacturer utilizes Contract Manufacturer for producing un-aggregated serialized products and utilizes Contract Packager for aggregation services
  - 2.2.8 Manufacturer utilizes Contract Manufacturer, Contract Packager and 3PL (Extended Virtual Manufacturer)
  - 2.2.9 Manufacturer utilizes Contract Manufacturer, Contract Packager and 3PL and Wholesaler utilizes a 3PL
- **Note:** Since the CPO is an agent to the manufacturer, after the CPO ships the product to Manufacturer (MFG), the DSCSA interactions between MFG->W->D are no different.

### 2.3.3 Charitable Donation Shipment Scenario

The charitable donation supply chain scenario can be exempt from DSCSA or not depending on the situation. The DSCSA TI/TS exchange between trading partners will NOT look different from other commercial sales for a non-exempt scenario which is a non-charity donation shipment to a charity. For a charity donation shipment to another charity, the shipment would be exempt to DSCSA regulations

- **Note:** Charitable Donation Shipment scenarios vary and the supplier and receiving parties involve determine whether the transaction is exempt from DSCSA TI/TS exchange requirements.
  - For the non-exempt scenario, non-charity to charity, indicate that the DSCSA TI/TS exchange between trading partners will NOT look different from other commercial sales
  - For the exempt scenario, charity to charity, the sale, purchase, or trade of a drug or an offer to sell, purchase, or trade a drug by a charitable organization described in section 501(c)(3) of the Internal Revenue Code of 1986 to a nonprofit affiliate of the organization to the extent otherwise permitted by law is exempted.

### 2.3.4 Third Party Logistics (3PL), Scenario #1 – Manufacturer employs a 3PL for logistics services for a physical product

The scenario of a manufacturer employing a 3PL for logistics services of a physical product, [[MFG->3PL]->W], is covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.2.1). There is no transfer of ownership between the manufacturer (MFG) and 3PL and therefore this scenario is NOT in scope as a DSCSA transaction.

- **Chain of Custody Cross Reference:** 2.2.1 Manufacturer utilizes a 3PL for logistics service

### 2.3.5 Third Party Logistics (3PL), Scenario #2 – Manufacturer employs a 3PL for logistics services and taking customer orders

The scenario of a manufacturer employing a 3PL for logistics services of a physical product and for taking customer orders, [[MFG->3PL]->W], is covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.2.1). There is no transfer of ownership between the manufacturer (MFG) and 3PL and therefore this scenario is NOT in scope as a DSCSA transaction.

- **Chain of Custody Cross Reference:** 2.2.1 Manufacturer utilizes a 3PL for logistics service

### 2.3.6 Third Party Logistics (3PL), Scenario #3 – Manufacturer employs a 3PL for logistics services, taking customer orders, and performing compliance reporting

The scenario of a manufacturer employing a 3PL for logistics services of a physical product, taking customer orders, and performing compliance reporting, [[MFG->3PL]->W], is covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.2.1). There is no transfer of ownership between the manufacturer (MFG) and 3PL and therefore this scenario is NOT in scope as a DSCSA transaction.

- **Chain of Custody Cross Reference:** 2.2.1 Manufacturer utilizes a 3PL for logistics service

### 2.3.7 Virtual Manufacturing Scenario

The Virtual Manufacturer scenario, [[CPO->3PL->MFG]->W] or [[CMO->CPO->3PL->MFG]->W], is covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.2.4 and 2.2.8). The CMO, CPO, and 3PL are all acting as agents of the manufacturer, there is no change of ownership, therefore, this scenario is NOT in scope as a DSCSA transaction.

- **Chain of Custody Cross Reference:**
  - 2.2.4 Manufacturer utilizes Contract Manufacturer/Packager and 3PL (Virtual MFG)
  - 2.2.8 Manufacturer utilizes Contract Manufacturer, Contract Packager, and 3PL (Extended Virtual Manufacturer)

### 2.3.8 Reverse Logistics Provider (RLP), Scenario #1 - Product is sent to a RLP for disposal

The scenario of a product sent to a Reverse Logistic Provider (RLP) for disposal is covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.3.2.2). In this scenario, the manufacturer (MFG) outsourced the coordination of destruction activities with RLPs. Delegated responsibilities include receiving products for destruction, shipping

products to destruction facility and recording the destruction. The interaction between the third-party reverse logistics provider (RLP) organization, the destruction facility and the manufacturer (MFG) is NOT in scope as a DSCSA transaction.

- **Chain of Custody Cross Reference:** 2.3.2.2 Destruction of Returned Products – wherein the Destruction facility ONLY performs destruction

### 2.3.9 Reverse Logistics Provider (RLP), Scenario #2 - Product is returned to Wholesaler and verified for resale

The scenario of a product being returned by a Reverse Logistic Provider to the Wholesaler to verify it for resale, [D->RLP->W] is covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.3.1). The interaction between the third-party reverse logistics provider (RLP) organization and the wholesaler (W) is NOT in scope as a DSCSA transaction.

- **Chain of Custody Cross Reference:** 2.3.1 Collection of Returned Products

### 2.3.10 Reverse Logistics Provider (RLP), Scenario #3 - Product is returned to Manufacturer or Third Party acting on behalf of Manufacturer

The scenario of a product being returned by a Reverse Logistic Provider (RLP) to a Manufacturer or Third Party acting on behalf of the Manufacturer, [D->RLP->MFG] or [D->RLP->3PL] is covered under the [Implementation Guideline: Applying GS1 System of Standards to Pharmaceutical Chain of Custody Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies](#) (see Section 2.3.1). The interaction between the third-party organization and the manufacturer (MFG) is NOT in scope as a DSCSA transaction.

- **Chain of Custody Cross Reference:** 2.3.1 Collection of Returned Products



## Appendix A: Glossary

Term	Acronym	Definition
<b>Government Definitions:</b>		
Drug Supply Chain Security Act	DSCSA	The Drug Quality and Security Act (DQSA) was enacted by Congress on November 27, 2013. Title II of DQSA, the Drug Supply Chain Security Act (DSCSA), outlines steps to achieve interoperable, electronic tracing of products at the package level to identify and trace certain prescription drugs as they are distributed in the United States <sup>3</sup> .
<b>Trading Partner Definitions:</b>		
340B Program		The Public Health Services 340B drug discount Program (the “340B Program”) was passed by Congress in 1992 and requires drug manufacturers to provide outpatient drugs to eligible healthcare organizations, ‘Covered Entities’, at significantly reduced prices. These medications need only to be provided to the Covered Entities “own patients”. A 340B Contract Pharmacy is a contracted agent of the 340B Covered Entity where the covered entity is eligible for participation in the 340B program. The 340B Contract Pharmacy is not a direct participant in the 340B program and acts only as an agent and dispenses 340B priced medications to patients who are part of the covered entity. While the 340B program accommodates many dispensing arrangements for program participants, retail pharmacies became eligible to serve Covered Entities as contract pharmacies in 1996. The ability for retail pharmacies to be involved in the 340B program was expanded further in 2010 when Covered Entities were granted the ability to establish agreements with multiple pharmacies to meet their 340B dispensing requirements <sup>4</sup> .
Co-License Partner	CLP	For purposes of the DSCSA, FDA interprets the term co-licensed partner of a manufacturer, referenced in section 581(10)(B) of the FD&C Act, to mean one of two or more entities that have entered into a written agreement for the right to engage in the marketing of a prescription drug. While the term co-licensed partner is not defined in the FD&C Act, the Agency believes this interpretation is in alignment with industry practice and existing state laws <sup>5</sup> .
Consignment		When the product is shipped to and possessed by the consignee, but the consignee does not take ownership of that product until the consignee uses the product. Consignment product is typically considered the property of the consigning supplier (typically the manufacturer, repackager, or wholesaler) until the product is used by the consignee (typically the dispenser) <sup>6</sup> .

<sup>3</sup> Source: <https://www.fda.gov/drugs/drug-supply-chain-integrity/drug-supply-chain-security-act-dscsa>

<sup>4</sup> Source: GS1 US Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies

<sup>5</sup> Source: U.S. FDA, “Identifying Trading Partners Under the Drug Supply Chain Security Act, Guidance for Industry, July 2022

<sup>6</sup> Source: Partnership for DSCSA Governance (PDG) Foundational Blueprint for 2023 Interoperability, Chapter 3: DSCSA TI/TS Exchange Functional Design, Version 1.0, February 2, 2023



Contract Manufacturing Organization	CMO	For the purposes of the DSCSA, a CMO is an entity that performs manufacturing operations for the NDA/ANDA/BLA holder or a co-licensed partner of the NDA/ANDA/BLA holder, to fulfill a contractual obligation with such manufacturer, but is not responsible for the introduction of the product into interstate commerce <sup>7</sup> .
Contract Packaging Organizations	CPO	Providers specializing in packaging, labeling, and potentially distribution on the behalf of manufacturers, repackagers, and wholesalers without transfer of ownership, just physical possession to perform services.
Direct Purchase		When product(s) are purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced <sup>8</sup> .
Dispenser	D	The term dispenser, as defined in section 581(3) of the FD&C Act: (A) means a retail pharmacy, hospital pharmacy, a group of chain pharmacies under common ownership and control that do not act as a wholesale distributor, or any other person authorized by law to dispense or administer prescription drugs, and the affiliated warehouses or distribution centers of such entities under common ownership and control that do not act as a wholesale distributor; and (B) does not include a person who dispenses only products to be used in animals in accordance with section 512(a)(5).
Drop Shipment		When products are being shipped directly by the seller to the buyer's customer while the transfer of ownership transaction is between the seller and the buyer. For example, a manufacturer sells the product to the wholesaler and the manufacturer is drop shipping the product to the dispenser who is the wholesaler's customer <sup>9</sup> .
Exclusive Distributor		The term 'exclusive distributor' means the wholesale distributor that directly purchased the product from the manufacturer and is the sole distributor of that manufacturer's product to a subsequent repackager, wholesale distributor, or dispenser <sup>10</sup> .
Indirect purchase		When product(s) are not purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced.

<sup>7</sup> Source: [http://pdsaonline.org/wp-content/uploads/2015/06/PDSA-Letter\\_DSCSA-QA\\_May-2014.pdf](http://pdsaonline.org/wp-content/uploads/2015/06/PDSA-Letter_DSCSA-QA_May-2014.pdf)

<sup>8</sup> Source: GS1 US Applying GS1 System of Standards for DSCSA and Serialized Interoperable Traceability R1.3

<sup>9</sup> Source: GS1 US Applying GS1 System of Standards for DSCSA and Serialized Interoperable Traceability R1.3

<sup>10</sup> Source: <https://www.fda.gov/drugs/drug-supply-chain-security-act-dscsa/title-ii-drug-quality-and-security-act>





Manufacturer	MFG	A manufacturer is defined in section 581(10) of the FD&C Act to mean: [W]ith respect to a product -- (A) a person that holds an application approved under section 505 or a license issued under section 351 of the Public Health Service Act for such product, or if such product is not the subject of an approved application or license, the person who manufactured the product; (B) a co-licensed partner of the person described in subparagraph (A) that obtains the product directly from a person described in this subparagraph or subparagraph (A) or (C); or (C) an affiliate of a person described in subparagraph (A) or (B) that receives the product directly from a person described in this subparagraph or subparagraph (A) or (B).
Primary Wholesale Distributor		Wholesale distributor that purchased product directly from the manufacturer.
Repackager	R	DSCSA defines repackager in section 581(16) of the FD&C Act as “a person who owns or operates an establishment that repacks and relabels a product or package for – (A) further sale; or (B) distribution without a further transaction.”
Reverse Logistics Providers	RLP	Contracted by Manufacturers to collect returned products from Dispensers and Wholesalers. RLPs are agents of both Wholesalers and Manufacturers. Only non-sellable returns are expected to be returned to RLPs. RLP services include processing returned products for credit; sending products to destruction facilities for destruction; and performing recordkeeping <sup>11</sup> .
Third Party Logistics	3PL	DSCSA defines a 3PL in section 581(22) of the FD&C Act to mean: [A]n entity that provides or coordinates warehousing, or other logistics services of a product in interstate commerce on behalf of a manufacturer, wholesale distributor, or dispenser of a product, but does not take ownership of the product, nor has responsibility to direct the sale or disposition of the product.
Virtual Manufacturer	VM	An entity that engages in the manufacture of a prescription drug for which it: holds the NDA or ANDA; contracts with a contract manufacturing organization for the physical manufacture of the drug product; is not involved in the physical manufacture of the drug product; and at no time takes physical possession of, or stores, the drug product for wholesale distribution <sup>12</sup> .
Wholesaler/Wholesale Distributor	W	DSCSA defines wholesale distributor in section 581(29) of the FD&C Act to mean “a person (other than a manufacturer, a manufacturer’s co-licensed partner, a third-party logistics provider, or repackager) engaged in wholesale distribution (as defined in section 503(e)(4) of the FD&C Act, as amended by [DSCSA]).”
<b>GS1 Standards:</b>		
GS1 Company Prefix	GCP	A GS1 Company Prefix is a unique string of 6–11 digits issued to your company by your local GS1 Member Organization.

<sup>11</sup> Source: GS1 US, Addendum: Diagrams and XML Examples for Chain of Custody of Supply Chain Choreographies

<sup>12</sup> Source: <https://www.ncbold.com/license/30814>



Global Trade Item Number®	GTIN®	The Global Trade Item Number (GTIN) is the globally unique GS1 identification number used to identify “trade items” (i.e., products and services that may be priced, ordered, or invoiced at any point in the supply chain).
Serialized GTIN	SGTIN	An SGTIN is the combination of a GTIN and a unique serial number of up to 20 alphanumeric characters.
Global Location Number	GLN	The Global Location Number (GLN) is the globally unique GS1 Identification Number used to identify parties and locations.
S Global Location Number	SGLN	The term SGLN refers to an EPC URI syntax for GLNs that is used in EPCIS. The SGLN syntax is capable of representing a plain GLN (without extension) or a GLN plus extension.
Serial Shipping Container Code	SSCC	The Serial Shipping Container Code (SSCC) is the globally unique GS1 identification number used to identify individual logistic units. A “logistic unit” is defined as an item of any composition established for transport and/or storage which needs to be tracked individually and managed through the supply chain.
Electronic Product Code	EPC®	The Electronic Product Code™ (EPC) is syntax for unique identifiers assigned to physical objects, unit loads, locations, or other identifiable entity playing a role in business operations.
Electronic Product Code Information Services	EPCIS	The EPC Information Services (EPCIS) standard defines a data model and a data-sharing interface that enables supply chain partners to capture and communicate data about the movement and status of objects in the supply chain.



## Appendix B: XML Examples for Choreographed Supply Chain Scenarios

Scenario	XML Example File
2.2.1 Direct Purchase Scenario	<a href="#">2 2 1 1 DirectPurch SellerExch1</a>
2.2.1 Direct Purchase Scenario	<a href="#">2 2 1 2 DirectPurch BuyerReceive1</a>
2.2.1 Direct Purchase Scenario	<a href="#">2 2 1 3 DirectPurch SellerExch2</a>
2.2.2 Indirect Purchase Scenario	<a href="#">2 2 2 1 IndirectPurch SellerExch1</a>
2.2.2 Indirect Purchase Scenario	<a href="#">2 2 2 2 IndirectPurch BuyerReceive1</a>
2.2.2 Indirect Purchase Scenario	<a href="#">2 2 2 3 IndirectPurch SellerExch2</a>
2.2.2 Indirect Purchase Scenario	<a href="#">2 2 2 4 IndirectPurch BuyerReceive2</a>
2.2.2 Indirect Purchase Scenario	<a href="#">2 2 2 5 IndirectPurch SellerExch3</a>
2.2.3 Direct and Indirect Purchase Scenario	<a href="#">2 2 3 1 DirectAndIndirectPurch SellerExch1</a>
2.2.3 Direct and Indirect Purchase Scenario	<a href="#">2 2 3 2 DirectAndIndirectPurch BuyerReceive1</a>
2.2.3 Direct and Indirect Purchase Scenario	<a href="#">2 2 3 3 DirectAndIndirectPurch SellerExch2</a>
2.2.3 Direct and Indirect Purchase Scenario	<a href="#">2 2 3 4 DirectAndIndirectPurch BuyerReceive2</a>
2.2.3 Direct and Indirect Purchase Scenario	<a href="#">2 2 3 5 DirectAndIndirectPurch SellerExch3</a>
2.2.3 Direct and Indirect Purchase Scenario	<a href="#">2 2 3 6 DirectAndIndirectPurch BuyerReceive3</a>
2.2.3 Direct and Indirect Purchase Scenario	<a href="#">2 2 3 7 DirectAndIndirectPurch SellerExch4</a>
2.2.4 Drop Shipment, Scenario #1 - Product and Data sent directly to Dispenser	<a href="#">2 2 4 1 DropShip ProdAndData SentToDropShipParty SellerExch1</a>
2.2.5 Drop Shipment, Scenario #2 - Product sent directly to Dispenser, Wholesale Distributor manages the Data	<a href="#">2 2 5 1 DropShip ProdSentToDropShipParty DataSentToW SellerExch1</a>
2.2.5 Drop Shipment, Scenario #2 - Product sent directly to Dispenser, Wholesale Distributor manages the Data	<a href="#">2 2 5 2 DropShip ProdSentToDropShipParty DataSentToW BuyerSendsData</a>
2.2.6 Exclusive Distributor Scenario	<a href="#">2 2 6 1 ExclusiveDist SellerExch1</a>



Scenario	XML Example File
2.2.6 Exclusive Distributor Scenario	<a href="#">2 2 6 2 ExclusiveDist BuyerReceive1</a>
2.2.6 Exclusive Distributor Scenario	<a href="#">2 2 6 3 ExclusiveDist SellerExch2</a>
2.2.6 Exclusive Distributor Scenario	<a href="#">2 2 6 4 ExclusiveDist BuyerReceive2</a>
2.2.6 Exclusive Distributor Scenario	<a href="#">2 2 6 5 ExclusiveDist SellerExch3</a>
2.2.7 Co-License Partner Scenario	<a href="#">2 2 7 1 CoLicensePartner SellerExch1</a>
2.2.7 Co-License Partner Scenario	<a href="#">2 2 7 2 CoLicensePartner BuyerReceive1</a>
2.2.7 Co-License Partner Scenario	<a href="#">2 2 7 3 CoLicensePartner SellerExch2</a>
2.2.8 Consignment Scenario	<a href="#">2 2 8 1 Consignment SellerExch1</a>
2.2.8 Consignment Scenario	<a href="#">2 2 8 2 Consignment BuyerReceive1</a>
2.2.8 Consignment Scenario	<a href="#">2 2 8 3 Consignment SellerExch2</a>
2.2.9 Repackaging Scenario	<a href="#">2 2 9 1 Repackaging SellerExch1</a>
2.2.9 Repackaging Scenario	<a href="#">2 2 9 2 Repackaging BuyerReceive1</a>
2.2.9 Repackaging Scenario	<a href="#">2 2 9 3 Repackaging Transformation</a>
2.2.9 Repackaging Scenario	<a href="#">2 2 9 4 Repackaging SellerExch2</a>
2.2.9 Repackaging Scenario	<a href="#">2 2 9 5 Repackaging BuyerReceive2</a>
2.2.9 Repackaging Scenario	<a href="#">2 2 9 6 Repackaging SellerExch3</a>
2.2.10 340B Program Scenario	<a href="#">2 2 10 1 340B SellerExch1</a>
2.2.10 340B Program Scenario	<a href="#">2 2 10 2 340B Receive1</a>
2.2.10 340B Program Scenario	<a href="#">2 2 10 3 340B SellerExch2</a>
2.2.10 340B Program Scenario	<a href="#">2 2 10 4 340B SellerExch2 CP</a>



Scenario	XML Example File
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 1 ElongatedSalesTxBet2Disp SellerExch1</a>
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 2 ElongatedSalesTxBet2Disp BuyerReceive1</a>
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 3 ElongatedSalesTxBet2Disp SellerExch2</a>
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 4 ElongatedSalesTxBet2Disp BuyerReceive2</a>
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 5 ElongatedSalesTxBet2Disp SellerExch3</a>
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 6 ElongatedSalesTxBet2Disp BuyerReceive3</a>
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 7 ElongatedSalesTxBet2Disp SellerExch4</a>



Scenario	XML Example File
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 8 ElongatedSalesTxBet2Disp BuyerReceive4</a>
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 9 ElongatedSalesTxBet2Disp SellerExch5</a>
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 10 ElongatedSalesTxBet2Disp BuyerReceive5</a>
2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain	<a href="#">2 2 11 11 ElongatedSalesTxBet2Disp SellerExch6</a>

## 2.2.1 Direct Purchase Scenario: 2\_2\_1\_1\_DirectPurch\_SellerExch1

<?xml version="1.0" encoding="UTF-8"?>

<!-- Section 2.2.1.1 Direct Purchase Scenario: Seller Exchange1 -->

<!-- Use Case Example: Seller (MFG) processes the order for 3 units and provides Buyer (W) with DSCSA transaction data.

This example shows the EPCIS message sent by Manufacturer (MFG) to WholesalerDistributor (W)

Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

-->

<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"

xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"

xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"

xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1\_2.xsd"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">

<EPCISHeader>

<sbdh:StandardBusinessDocumentHeader>

<sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>

<sbdh:Sender>

<sbdh:Identifier

Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>

</sbdh:Sender>

<sbdh:Receiver>

<sbdh:Identifier

Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>

</sbdh:Receiver>

<sbdh:DocumentIdentification>

<sbdh:Standard>EPCglobal</sbdh:Standard>

<sbdh:TypeVersion>1.0</sbdh:TypeVersion>

<sbdh:InstanceIdentifier>1100220001</sbdh:InstanceIdentifier>

<sbdh:Type>Events</sbdh:Type>

<sbdh:CreationDateAndTime>2023-04-

01T08:45:16Z</sbdh:CreationDateAndTime>

</sbdh:DocumentIdentification>

</sbdh:StandardBusinessDocumentHeader>

<extension>

<EPCISMasterData>

<VocabularyList>

<Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">

<VocabularyElementList>

<!-- master data for lowest saleable unit -->

<VocabularyElement

id="urn:epc:idpat:sgtin:030001.0012345.\*">

<attribute

id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>

<attribute

id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US\_FDA\_NDC</attribute>

<attribute

id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>

<attribute

id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>

<attribute

id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>

<attribute

id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>

```

        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
    
```





```

        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler1 -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler1's DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->

```

```

<ObjectEvent>
  <eventTime>2023-03-27T06:45:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>
      <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
    </ilmd>
  </extension>
</ObjectEvent>
<!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
<ObjectEvent>
  <eventTime>2023-03-27T06:46:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>

```

```

27 </cbvmda:itemExpirationDate>
    <cbvmda:itemExpirationDate>2025-03-
    </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:52:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.21</epc>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
<ObjectEvent>
    <eventTime>2023-04-01T06:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
    <eventTime>2023-04-01T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
    <eventTime>2023-04-01T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
    </epcList>

```

```

<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111121.0</id>
</readPoint>
<!-- 2 business documents: PO from buying Wholesaler1, Delivery Document
created by MFG DC -->
  <bizTransactionList>
    <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO189</bizTransaction>
    <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL100</bizTransaction>
  </bizTransactionList>
  <extension>
    <!-- Source Owning Party is MFG, Source Location is MFG DC -->
    <sourceList>
      <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
      <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
    </sourceList>
    <!-- Destination Owning Party is Wholesaler, Destination Location is
Wholesaler DC -->
    <destinationList>
      <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
      <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
    </destinationList>
  </extension>
  <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
</ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### **2.2.1 Direct Purchase Scenario: 2\_2\_1\_2\_DirectPurch\_BuyerReceive1**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.1.2 Direct Purchase Scenario: Buyer (W) Receives Product into inventory -->
<!--Use Case Example: Three units arrive at the Buyer (W's) warehouse along with DSCSA transaction data.
For internal operations, W optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesler (W)'s DC to Wholesaler (W) Corp
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
W's DC receives pallet, W's DC unpacks 3 cases from pallet. W's DC does not unpack the 3 cases and records
inferred receiving into inventory the 12 LSUs contained in the 3 cases.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T18:45:16Z">
  <EPCISHeader>

```

```

    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.345678.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220002</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T18:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler1 -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
            <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler1's DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
        </extension>
        <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
        <gs1ushc:dcsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
        </gs1ushc:dcsaTransactionStatement>
        </EPCISHeader>
        <EPCISBody>
        <EventList>
        <!-- E1: Receiving pallet of 3 cases ordered (SNs 110, 111, 121) -->
        <ObjectEvent>
        <eventTime>2023-04-01T17:45:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>

```



```

    <!-- 2 business documents: PO from buying Wholesaler1, Delivery Document
created by MFG DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO189</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL100</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is MFG, Source Location is MFG DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
      </sourceList>
      <!-- Destination Owning Party is Wholesaler, Destination Location is
Wholesaler DC -->
      <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
      </destinationList>
    </extension>
  </ObjectEvent>
  <!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
  <AggregationEvent>
    <eventTime>2023-04-01T17:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>DELETE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
  <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-01T17:49:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:50:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
        <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
            <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
        </AggregationEvent>
        <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
        <AggregationEvent>
            <eventTime>2023-04-01T17:51:16Z</eventTime>

```

```

<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
<childEPCs>
  <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
</childEPCs>
<!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</bizLocation>
<!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
  <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### 2.2.1 Direct Purchase Scenario: 2\_2\_1\_3\_DirectPurch\_SellerExch2

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.1.3 Direct Purchase Scenario: Seller Exchange2 -->
<!--Use Case Example: Seller (W) prepares shipment and provides Buyer (D) with DSCSA transaction data.
This example shows the EPCIS message sent by Wholesaler (W) to Dispenser (D)
W sends relevant transaction MFG-provided EPCIS Commissioning and Packing data along with W-generated
logistics Commissioning (SSCC), Packing and Shipping data to D.
  • Set directPurchase @qualifier to ENTIRELY_DIRECT indicating the EPCs in the shipment have been
directly purchased.
  • Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.
  • Include directPurchaseStatement. Example: "Seller affirms that indicated product(s) were purchased
directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly
unless noted as being indirectly sourced."
Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A
with each case containing 4 LSUs
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>

```

```

    <sbdh: Sender>
      <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh: Identifier>
      </sbdh: Sender>
    <sbdh: Receiver>
      <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh: Identifier>
      </sbdh: Receiver>
    <sbdh: DocumentIdentification>
      <sbdh: Standard>EPCglobal</sbdh: Standard>
      <sbdh: TypeVersion>1.0</sbdh: TypeVersion>
      <sbdh: InstanceIdentifier>1100220003</sbdh: InstanceIdentifier>
      <sbdh: Type>Events</sbdh: Type>
      <sbdh: CreationDateAndTime>2023-04-
05T08:45:16Z</sbdh: CreationDateAndTime>
    </sbdh: DocumentIdentification>
  </sbdh: StandardBusinessDocumentHeader>
  <extension>
    <EPCISMasterData>
      <VocabularyList>
        <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
          <VocabularyElementList>
            <!-- master data for lowest saleable unit -->
            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
            </VocabularyElement>
            <!-- master data for case -->
            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
        <!-- Wholesaler1 -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
            <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler1's DC-->
    <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Dispenser -->
    <VocabularyElement
id="urn:epc:id:sgln:084436921.567.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Dispenser Retail Store -->
    <VocabularyElement
id="urn:epc:id:sgln:084436921.568.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>

```

```

                    <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                </VocabularyElement>
            </VocabularyElementList>
        </Vocabulary>
    </VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmmda:lotNumber>A123</cbvmmda:lotNumber>
                    <cbvmmda:itemExpirationDate>2025-03-
27</cbvmmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:46:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>

```

```

    <epcList>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>

```



```

    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler DC -->
<ObjectEvent>
  <eventTime>2023-04-05T06:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:039999.10246801357</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
  <eventTime>2023-04-05T06:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>

```

```

<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
  <eventTime>2023-04-05T07:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:039999.10246801357</epc>
  </epcList>
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <!-- 2 business documents: PO from buying Dispenser, Delivery Document
created by Wholesaler DC -->
  <bizTransactionList>
    <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO290</bizTransaction>
    <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL711</bizTransaction>
  </bizTransactionList>
  <extension>
    <!-- Source Owning Party is W, Source Location is W's DC -->
    <sourceList>
      <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
      <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
    </sourceList>
    <!-- Destination Owning Party is Dispenser, Destination Location is
Dispenser's Retail Store -->
    <destinationList>
      <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
      <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
    </destinationList>
  </extension>
  <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
  <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W
from MFG.
  Include directPurchaseStatement.
-->
  <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">

```

```

        <directPurchaseStatement>Seller affirms that indicated product(s) were
        purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
        purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
        </gs1ushc:directPurchase>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### **2.2.2 Indirect Purchase Scenario: 2\_2\_2\_1\_IndirectPurch\_SellerExch1**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.2.1 Indirect Purchase Scenario: Seller Exchange1 -->
<!--Use Case Example: Seller (MFG) processes the order from W2 for 3 units and provides Buyer (W2) with
DSCSA transaction data.
This example shows the EPCIS message sent by Manufacturer (MFG) to WholesalerDistributor (W2)
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
            </sbdh:Sender>
            <sbdh:Receiver>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
            </sbdh:Receiver>
            <sbdh:DocumentIdentification>
                <sbdh:Standard>EPCglobal</sbdh:Standard>
                <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
                <sbdh:InstanceIdentifier>1100220004</sbdh:InstanceIdentifier>
                <sbdh:Type>Events</sbdh:Type>
                <sbdh:CreationDateAndTime>2023-04-
01T08:45:16Z</sbdh:CreationDateAndTime>
            </sbdh:DocumentIdentification>
        </sbdh:StandardBusinessDocumentHeader>
        <extension>
            <EPCISMasterData>
                <VocabularyList>
                    <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                        <VocabularyElementList>
                            <!-- master data for lowest saleable unit -->
                            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        </VocabularyElementList>
    </Vocabulary>
    <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
        <VocabularyElementList>
            <!-- MFG -->
            <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
            <!-- MFG DC-->
            <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">

```

```

        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>

```

```

<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
  </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
      </epcList>
      <action>ADD</action>
      <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
      <disposition>urn:epcglobal:cbv:disp:active</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
      </bizLocation>
      <extension>
        <ilmd>
          <cbvmda:lotNumber>A123</cbvmda:lotNumber>
          <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
        </ilmd>
      </extension>
    </ObjectEvent>
    <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:46:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
      </epcList>
      <action>ADD</action>
      <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
      <disposition>urn:epcglobal:cbv:disp:active</disposition>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>

```

```

<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
<ObjectEvent>
  <eventTime>2023-04-01T06:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:030001.41234567890</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111121.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111121.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
  <eventTime>2023-04-01T06:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111121.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111121.0</id>
  </bizLocation>

```



```

        </bizLocation>
    </AggregationEvent>
    <!-- E8: Shipping pallet of 3 cases ordered -->
    <ObjectEvent>
        <eventTime>2023-04-01T07:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <!-- 2 business documents: PO from buying Wholesaler (W2), Delivery Document
created by MFG DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO189</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL100</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W2), Destination Location is
Wholesaler (W2's) DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### **2.2.2 Indirect Purchase Scenario: 2\_2\_2\_2\_IndirectPurch\_BuyerReceive1**

<?xml version="1.0" encoding="UTF-8"?>  
 <!-- Section 2.2.2.2 Indirect Purchase Scenario: Buyer (W2) Receives Product into inventory -->  
 <!--Use Case Example: Three units arrive at the Buyer (W2's) warehouse along with DSCSA transaction data. For internal operations, W2 optionally records EPCIS Receiving and/or Unpacking data. This example shows the EPCIS message sent internally by Wholesaler (W2)'s DC to Wholesaler (W2) Corp Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

W2s DC receives pallet, W2's DC unpacks 3 cases from pallet. W2's DC does not unpack the 3 cases and records inferred receiving into inventory the 12 LSUs contained in the 3 cases.

-->

```
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T18:45:16Z">
```

```
<EPCISHeader>
```

```
<sbdh:StandardBusinessDocumentHeader>
```

```
<sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
```

```
<sbdh:Sender>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:039999.345678.0</sbdh:Identifier>
```

```
</sbdh:Sender>
```

```
<sbdh:Receiver>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
```

```
</sbdh:Receiver>
```

```
<sbdh:DocumentIdentification>
```

```
<sbdh:Standard>EPCglobal</sbdh:Standard>
```

```
<sbdh:TypeVersion>1.0</sbdh:TypeVersion>
```

```
<sbdh:InstanceIdentifier>1100220005</sbdh:InstanceIdentifier>
```

```
<sbdh:Type>Events</sbdh:Type>
```

```
<sbdh:CreationDateAndTime>2023-04-
```

```
01T18:45:16Z</sbdh:CreationDateAndTime>
```

```
</sbdh:DocumentIdentification>
```

```
</sbdh:StandardBusinessDocumentHeader>
```

```
<extension>
```

```
<EPCISMasterData>
```

```
<VocabularyList>
```

```
<Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
```

```
<VocabularyElementList>
```

```
<!-- master data for lowest saleable unit -->
```

```
<VocabularyElement
```

```
id="urn:epc:idpat:sgtin:030001.0012345.*">
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
```

```
</VocabularyElement>
```

```
<!-- master data for case -->
```

```
<VocabularyElement
```

```
id="urn:epc:idpat:sgtin:030001.1012345.*">
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
```

```

        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">

```

```

        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Receiving pallet of 3 cases ordered (SNs 110, 111, 121) -->
        <ObjectEvent>
            <eventTime>2023-04-01T17:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sscc:030001.41234567890</epc>
            </epcList>
            <action>OBSERVE</action>
            <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>

```

```

<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</bizLocation>
<!-- 2 business documents: PO from buying Wholesaler (W2), Delivery Document
created by MFG DC -->
  <bizTransactionList>
    <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO189</bizTransaction>
    <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL100</bizTransaction>
  </bizTransactionList>
  <extension>
    <!-- Source Owning Party is MFG, Source Location is MFG DC -->
    <sourceList>
      <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
      <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
    </sourceList>
    <!-- Destination Owning Party is Wholesaler (W2), Destination Location is
Wholesaler (W2's) DC -->
    <destinationList>
      <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
      <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
    </destinationList>
  </extension>
</ObjectEvent>
<!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
<AggregationEvent>
  <eventTime>2023-04-01T17:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>DELETE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </bizLocation>
</AggregationEvent>
<!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->

```

```

    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
    <AggregationEvent>
      <eventTime>2023-04-01T17:49:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
      <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
      </childEPCs>
      <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
      </bizLocation>
      <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
      <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
    <AggregationEvent>
      <eventTime>2023-04-01T17:50:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
      <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
      </childEPCs>
      <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
      </bizLocation>
      <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation

```

information (without unpacking the aggregated children from the parent) on the basis of aggregation  
 information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->

```

    <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
  </AggregationEvent>
  <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
  Aggregation event -->
    <AggregationEvent>
      <eventTime>2023-04-01T17:51:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
      <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
      </childEPCs>
      <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
  what is being received -->
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
          <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
          <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
        <!-- Note the use of GS1 US extension element, completeness_inferred, to
  indicate the inferred integrity of that aggregation
  information (without unpacking the aggregated children from the parent) on the basis of aggregation
  information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
          <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
        </AggregationEvent>
      </EventList>
    </EPCISBody>
  </epcis:EPCISDocument>
  
```

## **2.2.2 Indirect Purchase Scenario: 2\_2\_2\_3\_IndirectPurch\_SellerExch2**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.2.3 Indirect Purchase Scenario: Seller Exchange2 -->
<!--Use Case Example: Seller (W2) processes the order for 3 units and provides Buyer (W1) with DSCSA
transaction data.
This example shows the EPCIS message sent by Wholesaler (W2) to Wholesaler (W1)
W2 sends relevant transaction MFG-provided EPCIS Commissioning and Packing data along with W2-generated
logistics Commissioning (SSCC), Packing and Shipping data to W1.
  
```

- Set directPurchase @qualifier to ENTIRELY\_DIRECT indicating the EPCs in the shipment have been directly purchased.
- Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is directly purchased by W2 from MFG.
- Include directPurchaseStatement. Example: "Seller affirms that indicated product(s) were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced."

Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

-->

```
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T08:45:16Z">
```

```
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220006</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
05T08:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
```



```

        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
            <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">

```

```

        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1) -->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>

```

```

<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
  </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
      </epcList>
      <action>ADD</action>
      <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
      <disposition>urn:epcglobal:cbv:disp:active</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
      </bizLocation>
      <extension>
        <ilmd>
          <cbvmda:lotNumber>A123</cbvmda:lotNumber>
          <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
        </ilmd>
      </extension>
    </ObjectEvent>
    <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:46:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
      </epcList>
      <action>ADD</action>
      <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
      <disposition>urn:epcglobal:cbv:disp:active</disposition>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>

```

```

<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler DC -->
<ObjectEvent>
  <eventTime>2023-04-05T06:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:039999.10246801357</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
  <eventTime>2023-04-05T06:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </bizLocation>

```

```

        </bizLocation>
    </AggregationEvent>
    <!-- E8: Shipping pallet of 3 cases ordered -->
    <ObjectEvent>
        <eventTime>2023-04-05T07:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:039999.10246801357</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by Wholesaler (W2's) DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO290</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL711</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is W2, Source Location is W2's DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
W1's DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
        <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is directly purchased by W2
from MFG.
Include directPurchaseStatement.
-->
        <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
            <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
        </gs1ushc:directPurchase>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## 2.2.2 Indirect Purchase Scenario: 2\_2\_2\_4\_IndirectPurch\_BuyerReceive2

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.2.4 Indirect Purchase Scenario: Buyer (W1) Receives Product into inventory -->
<!--Use Case Example: Three units arrive at the Buyer (W1's) warehouse along with DSCSA transaction data.
For internal operations, W1 optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesaler (W1)'s DC to Wholesaler (W1) Corp
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
W1's DC receives pallet, W1's DC unpacks 3 cases from pallet. W1's DC does not unpack the 3 cases and records
inferred receiving into inventory the 12 LSUs contained in the 3 cases.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T18:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5674.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220007</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
05T18:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
        <VocabularyElementList>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>

```



```

id="urn:epcglobal:cbv:mda#state">KY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W1) -->
<VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W1's) DC-->
<VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>

```

```

<EventList>
  <!-- E1: Receiving pallet of 3 cases ordered (SNs 110, 111, 121) -->
  <ObjectEvent>
    <eventTime>2023-04-05T16:45:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
    <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by Wholesaler (W2's) DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO290</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL711</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is W2, Source Location is W2's DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
      </sourceList>
      <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
W1's DC -->
      <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
      </destinationList>
    </extension>
  </ObjectEvent>
  <!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
  <AggregationEvent>
    <eventTime>2023-04-05T16:46:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>DELETE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>

```

```

        <readPoint>
            <id>urn:epc:id:sgln:07539426.5674.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:07539426.5674.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-05T16:47:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:07539426.5674.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:07539426.5674.0</id>
        </bizLocation>
        <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
        (without unpacking the aggregated children from the parent) on the basis of aggregation
information
        (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-05T16:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
      <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
    <AggregationEvent>
      <eventTime>2023-04-05T16:49:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
      <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
      </childEPCs>
      <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
      </bizLocation>
      <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
      </AggregationEvent>
    </EventList>
  </EPCISBody>
</epcis:EPCISDocument>

```

### **2.2.2 Indirect Purchase Scenario: 2\_2\_2\_5\_IndirectPurch\_SellerExch3**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.2.5 Indirect Purchase Scenario: Seller Exchange3 -->
<!--Use Case Example: Seller (W1) processes the order for 3 units and provides Buyer (D) with DSCSA
transaction data.
This example shows the EPCIS message sent by Wholesaler (W1) to Dispenser (D)

```

W1 sends relevant transaction MFG-provided and W2-provided EPCIS Commissioning and Packing data along with W1-generated logistics Commissioning (SSCC), Packing, and Shipping data to D.

- Set directPurchase @qualifier to ENTIRELY\_INDIRECT in the Shipping data.
- Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is indirectly purchased.
- Include directPurchaseStatement.
- Set receivedFromPrevDirectPurchase @qualifier to ENTIRELY\_DIRECT.
- Omit receivedFromPrevIndirectPurchaseEPCs since the entire shipment from previous wholesaler was directly purchased.
- Include receivedDirectPurchaseFromPrevWhlsDistStatement.

Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

-->

```
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unecce.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-07T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Sender>
        <sbdh:Receiver>
          <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh:Identifier>
          </sbdh:Receiver>
        <sbdh:DocumentIdentification>
          <sbdh:Standard>EPCglobal</sbdh:Standard>
          <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
          <sbdh:InstanceIdentifier>1100220008</sbdh:InstanceIdentifier>
          <sbdh:Type>Events</sbdh:Type>
          <sbdh:CreationDateAndTime>2023-04-
07T08:45:16Z</sbdh:CreationDateAndTime>
        </sbdh:DocumentIdentification>
      </sbdh:StandardBusinessDocumentHeader>
      <extension>
        <EPCISMasterData>
          <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
              <VocabularyElementList>
                <!-- master data for lowest saleable unit -->
                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
```

```

        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
        <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1) -->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>

```

```

id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W1's) DC-->
<VocabularyElement
id="urn:epc: id: sglIn: 07539426.5674.0">
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Dispenser -->
<VocabularyElement
id="urn:epc: id: sglIn: 084436921.567.0">
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Dispenser Retail Store -->
<VocabularyElement
id="urn:epc: id: sglIn: 084436921.568.0">
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>

```

```

                    <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
                    <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                </VocabularyElement>
            </VocabularyElementList>
        </Vocabulary>
    </VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
        <ObjectEvent>

```



```

<eventTime>2023-03-27T06:46:16Z</eventTime>
<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<epcList>
  <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
  <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
  <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
</epcList>
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
<extension>
  <ilmd>
    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
  </ilmd>
</extension>
</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>

```

```

<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler (W1's) DC -->
<ObjectEvent>
  <eventTime>2023-04-07T06:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:07539426.235792468</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
  <eventTime>2023-04-07T06:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:07539426.235792468</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>

```

```

        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
    <eventTime>2023-04-07T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:07539426.235792468</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Dispenser (D), Delivery Document
created by Wholesaler (W1's) DC -->
    <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO567</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0753942656742:DEL225</bizTransaction>
    </bizTransactionList>
    <extension>
        <!-- Source Owning Party is W1, Source Location is W1's DC -->
        <sourceList>
            <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</source>
            <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</source>
        </sourceList>
        <!-- Destination Owning Party is Dispenser (D), Destination Location is
Dispenser's Retail Store -->
        <destinationList>
            <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
            <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
        </destinationList>
    </extension>
    <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    <!-- • Set directPurchase @qualifier to ENTIRELY_INDIRECT in the Shipping
data.

```

- Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is indirectly purchased.
- Include directPurchaseStatement.

- Set receivedFromPrevDirectPurchase @qualifier to ENTIRELY\_DIRECT.
- Omit receivedFromPrevIndirectPurchaseEPCs since the entire shipment from previous wholesaler was directly purchased.
- Include receivedDirectPurchaseFromPrevWhlsDistStatement.

```
-->
    <gs1ushc:directPurchase qualifier="ENTIRELY_INDIRECT">
      <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
    </gs1ushc:directPurchase>
    <gs1ushc:receivedDirectPurchaseFromPrevWhlsDist
qualifier="ENTIRELY_DIRECT">
      <receivedDirectPurchaseFromPrevWhlsDistStatement>Seller affirms
receipt of directly purchased statement from previous wholesaler distributor for the indicated
product(s).</receivedDirectPurchaseFromPrevWhlsDistStatement>
    </gs1ushc:receivedDirectPurchaseFromPrevWhlsDist>
  </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>
```

### 2.2.3 Direct and Indirect Purchase Scenario: **2\_2\_3\_1\_DirectAndIndirectPurch\_SellerExch1**

<?xml version="1.0" encoding="UTF-8"?>  
 <!-- Section 2.2.3.1 Direct and Indirect Purchase Scenario: Seller Exchange1 -->  
 <!--Use Case Example: Seller (MFG) processes the order from W1 for 2 units and provides Buyer (W1) with DSCSA transaction data.  
 This example shows the EPCIS message sent by Manufacturer (MFG) to WholesalerDistributor (W1)  
 Example shipment: 1 pallet containing 2 units of GTIN A which in this example represent 2 cases of GTIN A with each case containing 4 LSUs

```
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220009</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T08:45:16Z</sbdh:CreationDateAndTime>
```

```

        </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
        <EPCISMasterData>
            <VocabularyList>
                <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                    <VocabularyElementList>
                        <!-- master data for lowest saleable unit -->
                        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                            </VocabularyElement>
                        <!-- master data for case -->
                        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                            </VocabularyElement>
                        </VocabularyElementList>
                    </Vocabulary>
                <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
                    <VocabularyElementList>
                        <!-- MFG -->
                        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
                            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>

```

```
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
id="urn:epcglobal:cbv:mda#state">CA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- MFG DC-->
<VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
id="urn:epcglobal:cbv:mda#state">CA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W1) -->
<VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W1's) DC-->
<VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
```

```

id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Commissioning events (8 LSUs: 4 LSUs per case) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
      </epcList>
      <action>ADD</action>
      <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
      <disposition>urn:epcglobal:cbv:disp:active</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
      </bizLocation>
      <extension>
        <ilmd>
          <cbvmdata:lotNumber>A123</cbvmdata:lotNumber>
          <cbvmdata:itemExpirationDate>2025-03-
27</cbvmdata:itemExpirationDate>
        </ilmd>
      </extension>
    </ObjectEvent>
    <!-- E2: Commissioning events (2 case SNs 110, 111) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:46:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>

```

```

    <epcList>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>

```



```

        <readPoint>
          <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
          <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
      </AggregationEvent>
      <!-- E5: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
      <ObjectEvent>
        <eventTime>2023-04-01T06:47:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
          <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
          <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <bizLocation>
          <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
      </ObjectEvent>
      <!-- E6: Aggregation event (packing pallet with 2 cases SNs 110, 111) -->
      <AggregationEvent>
        <eventTime>2023-04-01T06:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
        <childEPCs>
          <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
          <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
          <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <bizLocation>
          <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
      </AggregationEvent>
      <!-- E7: Shipping pallet of 2 cases ordered -->
      <ObjectEvent>
        <eventTime>2023-04-01T07:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
          <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
          <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>

```

```

        <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by MFG DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO367</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL824</bizTransaction>
            </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
Wholesaler (W1's) DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>false</gs1ushc:dropShipment>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### 2.2.3 Direct and Indirect Purchase Scenario: **2\_2\_3\_2\_DirectAndIndirectPurch\_BuyerReceive1**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.3.2 Direct and Indirect Purchase Scenario: Wholesaler (W1) receives product into inventory. -->
<!--Use Case Example: Two units arrive at the Buyer (W1's) warehouse along with DSCSA transaction data.
For internal operations, W1 optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesaler (W1)'s DC to Wholesaler (W1) Corp
Example shipment: 1 pallet containing 2 units of GTIN A which in this example represent 2 cases of GTIN A with
each case containing 4 LSUs
W1's DC receives pallet, W1's DC unpacks 2 cases from pallet.
W1's DC does not unpack the 2 cases and records inferred receiving into inventory the 8 LSUs contained in the 2
cases.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T18:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>

```

```

        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5674.0</sbdh: Identifier>
        </sbdh: Sender>
        <sbdh: Receiver>
        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh: Identifier>
        </sbdh: Receiver>
        <sbdh: DocumentIdentification>
        <sbdh: Standard>EPCglobal</sbdh: Standard>
        <sbdh: TypeVersion>1.0</sbdh: TypeVersion>
        <sbdh: InstanceIdentifier>1100220010</sbdh: InstanceIdentifier>
        <sbdh: Type>Events</sbdh: Type>
        <sbdh: CreationDateAndTime>2023-04-
01T18:45:16Z</sbdh: CreationDateAndTime>
        </sbdh: DocumentIdentification>
</sbdh: StandardBusinessDocumentHeader>
<extension>
    <EPCISMasterData>
        <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                <VocabularyElementList>
                    <!-- master data for lowest saleable unit -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                    </VocabularyElement>
                    <!-- master data for case -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>

```

```

        </VocabularyElement>
      </VocabularyElementList>
    </Vocabulary>
    <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
      <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1) -->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>
    </Vocabulary>
    </VocabularyList>
    </EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Receiving pallet of 2 cases ordered (SNs 110, 111) -->
        <ObjectEvent>
            <eventTime>2023-04-01T17:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sscc:030001.41234567890</epc>
            </epcList>
            <action>OBSERVE</action>
            <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:07539426.5674.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:07539426.5674.0</id>
            </bizLocation>
            <!-- 2 business documents: PO from buying Wholesaler1, Delivery Document
created by MFG DC -->
            <bizTransactionList>
                <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO367</bizTransaction>

```

```

        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL824</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
Wholesaler (W1's) DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
            </destinationList>
        </extension>
    </ObjectEvent>
    <!-- E2: Unpack the 2 cases SNs 110, 111 from pallet -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        </childEPCs>
        <action>DELETE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:07539426.5674.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:07539426.5674.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:49:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->

```

```

    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
      <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
    <AggregationEvent>
      <eventTime>2023-04-01T17:50:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
      <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
      </childEPCs>
      <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
      </bizLocation>
      <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
      (without unpacking the aggregated children from the parent) on the basis of aggregation
information
      (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
      </AggregationEvent>
    </EventList>
  </EPCISBody>
</epcis:EPCISDocument>
2.2.3 Direct and Indirect Purchase Scenario: 2_2_3_3_DirectAndIndirectPurch_SellerExch2
<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.3.3 Direct and Indirect Purchase Scenario: Seller Exchange2 -->
<!--Use Case Example: Seller (MFG) processes the order from W2 for 1 unit and provides Buyer (W2) with
DSCSA transaction data.
This example shows the EPCIS message sent by Manufacturer (MFG) to WholesalerDistributor (W2)

```

Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with each case containing 4 LSUs.

```
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T09:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220011</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T09:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
```



```

        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">

```

```

        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
        </ObjectEvent>
    </EventList>
</EPCISBody>
</EPCISHeader>
</EPCISMessage>
</EPCISMessageList>
</EPCISList>
</EPCIS>

```

```

    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E2: Commissioning events (1 case SN 121) -->
  <ObjectEvent>
    <eventTime>2023-03-27T06:46:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case SN 121 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:52:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  </AggregationEvent>

```

```

        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E4: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
    <ObjectEvent>
        <eventTime>2023-04-01T08:47:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567842</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </ObjectEvent>
    <!-- E5: Aggregation event (packing pallet with 1 case SNs 121) -->
    <AggregationEvent>
        <eventTime>2023-04-01T08:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567842</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E6: Shipping pallet of 1 case ordered -->
    <ObjectEvent>
        <eventTime>2023-04-01T08:50:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567842</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
    </ObjectEvent>

```

```

        <!-- 2 business documents: PO from buying Wholesaler (W2), Delivery Document
created by MFG DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO532</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL862</bizTransaction>
            </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W2), Destination Location is
Wholesaler (W2's) DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### 2.2.3 Direct and Indirect Purchase Scenario: **2\_2\_3\_4\_DirectAndIndirectPurch\_BuyerReceive2**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.3.4 Direct and Indirect Purchase Scenario: Wholesaler (W2) receives product into inventory. -->
<!--Use Case Example: One unit arrives at Buyer (W2's) warehouse along with DSCSA transaction data.
For internal operations, W2 optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesaler (W2)'s DC to Wholesaler (W2) Corp
Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with
each case containing 4 LSUs
W2's DC receives pallet, W2's DC unpacks 1 case from pallet.
W2's DC does not unpack the 1 case and records inferred receiving into inventory the 4 LSUs contained in the 1
case.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T19:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>

```

```

        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:039999.345678.0</sbdh: Identifier>
        </sbdh: Sender>
        <sbdh: Receiver>
        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh: Identifier>
        </sbdh: Receiver>
        <sbdh: DocumentIdentification>
        <sbdh: Standard>EPCglobal</sbdh: Standard>
        <sbdh: TypeVersion>1.0</sbdh: TypeVersion>
        <sbdh: InstanceIdentifier>1100220012</sbdh: InstanceIdentifier>
        <sbdh: Type>Events</sbdh: Type>
        <sbdh: CreationDateAndTime>2023-04-
01T19:45:16Z</sbdh: CreationDateAndTime>
        </sbdh: DocumentIdentification>
</sbdh: StandardBusinessDocumentHeader>
<extension>
    <EPCISMasterData>
        <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                <VocabularyElementList>
                    <!-- master data for lowest saleable unit -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                    </VocabularyElement>
                    <!-- master data for case -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>

```

```

        </VocabularyElement>
      </VocabularyElementList>
    </Vocabulary>
    <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
      <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
          <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>
    </Vocabulary>
    </VocabularyList>
    </EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Receiving pallet of 1 case ordered (SNs case 121) -->
        <ObjectEvent>
            <eventTime>2023-04-01T18:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sscc:030001.41234567842</epc>
            </epcList>
            <action>OBSERVE</action>
            <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:039999.345678.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:039999.345678.0</id>
            </bizLocation>
            <!-- 2 business documents: PO from buying Wholesaler (W2), Delivery Document
created by MFG DC -->
            <bizTransactionList>
                <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO532</bizTransaction>

```



```

        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL862</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W2), Destination Location is
Wholesaler (W2's) DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
            </destinationList>
        </extension>
    </ObjectEvent>
    <!-- E2: Unpack the 1 case SN 121 from pallet -->
    <AggregationEvent>
        <eventTime>2023-04-01T18:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567842</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </childEPCs>
        <action>DELETE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- Without unpacking, record inferred receiving into inventory of 4 Lowest Saleable
Units (LSUs) contained in 1 case -->
    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-01T18:49:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
        <action>OBSERVE</action>

```

```

<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</bizLocation>
<!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
  <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### 2.2.3 Direct and Indirect Purchase Scenario: 2\_2\_3\_5\_DirectAndIndirectPurch\_SellerExch3

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.3.5 Direct and Indirect Purchase Scenario: Seller Exchange3 -->
<!--Use Case Example: Seller (W2) processes the order from Buyer (W1) for 1 unit and provides Buyer (W1) with
DSCSA transaction data.

```

This example shows the EPCIS message sent by Wholesaler (W2) to Wholesaler (W1).

W2 sends MFG-provided EPCIS Commissioning and Packing data along with W2-generated logistics Commissioning (SSCC), Packing, and Shipping data to W1.

- Set directPurchase @qualifier to ENTIRELY\_DIRECT in the Shipping data.
- Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is directly purchased by W2 from MFG.
- Include directPurchaseStatement.

Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with each case containing 4 LSUs.

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
      </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
      </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>

```

```

        <sbdh: InstanceIdentifier>1100220013</sbdh: InstanceIdentifier>
        <sbdh: Type>Events</sbdh: Type>
        <sbdh: CreationDateAndTime>2023-04-
05T08:45:16Z</sbdh: CreationDateAndTime>
    </sbdh: DocumentIdentification>
</sbdh: StandardBusinessDocumentHeader>
<extension>
    <EPCISMasterData>
        <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                <VocabularyElementList>
                    <!-- master data for lowest saleable unit -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                    </VocabularyElement>
                    <!-- master data for case -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                    </VocabularyElement>
                </VocabularyElementList>
            </Vocabulary>
            <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
                <VocabularyElementList>
                    <!-- MFG -->
                    <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
                        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>

```



```
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
id="urn:epcglobal:cbv:mda#state">CA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W1) -->
<VocabularyElement>
id="urn:epc:id:sgln:07539426.5678.0">
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W1's) DC-->
<VocabularyElement>
id="urn:epc:id:sgln:07539426.5674.0">
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W2) -->
<VocabularyElement>
id="urn:epc:id:sgln:039999.999999.0">
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
```

```

        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
        </gs1ushc:dscsaTransactionStatement>
    </EPCISHeader>
    <EPCISBody>
        <EventList>
            <!-- E1: Commissioning events (4 LSUs per case) -->
            <ObjectEvent>
                <eventTime>2023-03-27T06:45:16Z</eventTime>
                <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
                <epcList>
                    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
                </epcList>
                <action>ADD</action>
                <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
                <disposition>urn:epcglobal:cbv:disp:active</disposition>
            </ObjectEvent>
        </EventList>
    </EPCISBody>
</EPCIS>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E2: Commissioning events (1 case SN 121) -->
  <ObjectEvent>
    <eventTime>2023-03-27T06:46:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case SN 121 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:52:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>

```

```

        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E4: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
<ObjectEvent>
    <eventTime>2023-04-05T07:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:039999.10246801348</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
</ObjectEvent>
<!-- E5: Aggregation event (packing pallet with 1 case SNs 121) -->
<AggregationEvent>
    <eventTime>2023-04-05T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:039999.10246801348</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E6: Shipping pallet of 1 case ordered -->
<ObjectEvent>
    <eventTime>2023-04-05T07:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:039999.10246801348</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by W2's DC -->
    <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO628</bizTransaction>

```

```

        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL714</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is W2, Source Location is W2's DC. -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
Wholesaler (W1's) DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>false</gs1ushc:dropShipment>
        <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W2 to W1 is directly purchased by W2
from MFG.
Include directPurchaseStatement.
-->
        <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
            <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
        </gs1ushc:directPurchase>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.3 Direct and Indirect Purchase Scenario:](#) **2\_2\_3\_6\_DirectAndIndirectPurch\_BuyerReceive3**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.3.6 Direct and Indirect Purchase Scenario: Wholesaler (W1) receives product from W2 into
inventory. -->
<!--Use Case Example: One unit arrives at Buyer (W1's) warehouse along with DSCSA transaction data.
For internal operations, W1 optionally records EPCIS Receiving and/or Unpacking data
This example shows the EPCIS message sent internally by Wholesaler (W1)'s DC to Wholesaler (W1) Corp
Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with
each case containing 4 LSUs
W1's DC receives pallet, W1's DC unpacks 1 case from pallet.
W1's DC does not unpack the 1 case and records inferred receiving into inventory the 4 LSUs contained in the 1
case.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"

```



```

xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T19:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5674.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220014</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
05T19:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- Wholesaler (W1) -->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>

```

```

York</attribute>
id="urn:epcglobal:cbv:mda#state">NY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W2)'s DC-->
<VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
id="urn:epcglobal:cbv:mda#state">KY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
<gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
<gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
<EventList>
<!-- E1: Receiving pallet of 1 case ordered (SNs case 121) -->
<ObjectEvent>
<eventTime>2023-04-05T18:45:16Z</eventTime>
<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<epcList>
<epc>urn:epc:id:sscc:039999.10246801348</epc>
</epcList>
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
<id>urn:epc:id:sgln:07539426.5674.0</id>
</readPoint>
<bizLocation>
<id>urn:epc:id:sgln:07539426.5674.0</id>

```

```

        </bizLocation>
        <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by W2's DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO628</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL714</bizTransaction>
            </bizTransactionList>
        <extension>
            <!-- Source Owning Party is W2, Source Location is W2's DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
Wholesaler (W1's) DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
            </destinationList>
        </extension>
    </ObjectEvent>
    <!-- E2: Unpack the 1 case SN 121 from pallet -->
    <AggregationEvent>
        <eventTime>2023-04-05T18:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:039999.10246801348</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </childEPCs>
        <action>DELETE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:07539426.5674.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:07539426.5674.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- Without unpacking, record inferred receiving into inventory of 4 Lowest Saleable
Units (LSUs) contained in 1 case. -->
    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-05T18:49:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    </AggregationEvent>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.3 Direct and Indirect Purchase Scenario:](#) **2\_2\_3\_7\_DirectAndIndirectPurch\_SellerExch4**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.3.7 Direct and Indirect Purchase Scenario: Seller Exchange4 -->
<!--Use Case Example: Seller (W1) processes the order for 3 units and provides Buyer (D) with DSCSA
transaction data.
This example shows the EPCIS message sent by Wholesaler (W1) to Dispenser (D)
W1 sends relevant transaction MFG-provided and W2-provided EPCIS Commissioning and Packing data along with
W1-generated logistics Commissioning (SSCC), Packing and Shipping data to D.

```

- Set directPurchase @qualifier to PARTIALLY\_DIRECT in the Shipping data.
- Specify the 1 unit purchased by W1 from W2 as indirectPurchaseEPCs.
- Include directPurchaseStatement.
- Set receivedFromPrevDirectPurchase @qualifier to PARTIALLY\_DIRECT.
- Specify the 1 unit purchased by W1 from W2 as receivedFromPrevIndirectPurchaseEPCs.
- Include receivedDirectPurchaseFromPrevWhlsDistStatement.

```

Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A
with each case containing 4 LSUs
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-07T08:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>

```

```

    </sbdh:Sender>
    <sbdh:Receiver>
      <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh:Identifier>
      </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220015</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
07T08:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
            </VocabularyElementList>
          </Vocabulary>
        </VocabularyList>
      </EPCISMasterData>
    </extension>
  </sbdh:StandardBusinessDocumentHeader>

```

```

</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
  <VocabularyElementList>
    <!-- MFG -->
    <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W1) -->
    <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W1's) DC-->
    <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>

```

```

        </VocabularyElement>
        <!-- Dispenser -->
        <VocabularyElement
id="urn:epc:id:sgln:084436921.567.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Dispenser Retail Store -->
        <VocabularyElement
id="urn:epc:id:sgln:084436921.568.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>

```



```

    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>
      <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
    </ilmd>
  </extension>
</ObjectEvent>
<!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
<ObjectEvent>
  <eventTime>2023-03-27T06:46:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>
      <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
    </ilmd>
  </extension>
</ObjectEvent>

```

```

<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler (W1's) DC -->
  <ObjectEvent>
    <eventTime>2023-04-07T06:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:07539426.235792468</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
  </ObjectEvent>
  <!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
  <AggregationEvent>
    <eventTime>2023-04-07T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:07539426.235792468</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E8: Shipping pallet of 3 cases ordered -->
  <ObjectEvent>
    <eventTime>2023-04-07T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:07539426.235792468</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:07539426.5674.0</id>

```

```

        </readPoint>
        <!-- 2 business documents: PO from buying Dispenser (D), Delivery Document
created by Wholesaler (W1's) DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO321</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0753942656742:DEL543</bizTransaction>
            </bizTransactionList>
        <extension>
            <!-- Source Owning Party is W1, Source Location is W1's DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</source>
            </sourceList>
            <!-- Destination Owning Party is Dispenser (D), Destination Location is
Dispenser's Retail Store -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
        <!-- • Set directPurchase @qualifier to PARTIALLY_DIRECT in the Shipping data.
        • Specify the 1 unit purchased by W1 from W2 as indirectPurchaseEPCs.
        • Include directPurchaseStatement.
        • Set receivedFromPrevDirectPurchase @qualifier to PARTIALLY_DIRECT.
        • Specify the 1 unit purchased by W1 from W2 as receivedFromPrevIndirectPurchaseEPCs.
        • Include receivedDirectPurchaseFromPrevWhlsDistStatement.
-->
        <gs1ushc:directPurchase qualifier="PARTIALLY_DIRECT">
            <indirectpurchaseEPCs>
                <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
            </indirectpurchaseEPCs>
            <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
            </gs1ushc:directPurchase>
            <gs1ushc:receivedDirectPurchaseFromPrevWhlsDist
qualifier="PARTIALLY_DIRECT">
                <prevReceivedinDirectPurchaseEPCs>
                    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
                </prevReceivedinDirectPurchaseEPCs>
                <receivedDirectPurchaseFromPrevWhlsDistStatement>Seller affirms
receipt of directly purchased statement from previous wholesaler distributor for the indicated
product(s).</receivedDirectPurchaseFromPrevWhlsDistStatement>
            </gs1ushc:receivedDirectPurchaseFromPrevWhlsDist>
        </ObjectEvent>
    </EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## 2.2.4 Drop Shipment, Scenario #1 - Product and Data sent directly to Dispenser:

### **2\_2\_4\_1\_DropShip\_ProdAndData\_SentToDropShipParty\_SellerExch1**

<?xml version="1.0" encoding="UTF-8"?>

<!-- Section 2.2.4.1 Drop Shipment Scenario #1: Seller Exchange1 -->

<!--Use Case Example: Buyer (W) places order for 3 units from MFG and requests that physical shipment go directly to the dispenser who is purchasing from Buyer (W).

Buyer (W) provides instructions in the order to drop ship to D.

This is considered a drop shipment as defined in DSCSA Section 582 (f) DROP SHIPMENTS, and (c)(4)(B).

Seller (MFG) processes the order from Buyer (W) for 3 units.

Seller (MFG) ships products to Drop Ship Customer (D), and directly provides (D) with DSCSA transaction data.

This example shows the EPCIS message sent by Manufacturer (MFG) to Dispenser (D)

MFG sends EPCIS Commissioning, Packing, and Shipping data to D.

- Indicate in the Shipping event that sourceList (owning party) is MFG and sourceList (location) is MFG's warehouse.
- Indicate in the Shipping event that destinationList (owning party) is W and destinationList (location) is D.
- Set dropShipment to true in the Shipping event.

Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

-->

```
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
```

```
<EPCISHeader>
```

```
<sbdh:StandardBusinessDocumentHeader>
```

```
<sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
```

```
<sbdh:Sender>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
```

```
</sbdh:Sender>
```

```
<sbdh:Receiver>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:084436921.568.0</sbdh:Identifier>
```

```
</sbdh:Receiver>
```

```
<sbdh:DocumentIdentification>
```

```
<sbdh:Standard>EPCglobal</sbdh:Standard>
```

```
<sbdh:TypeVersion>1.0</sbdh:TypeVersion>
```

```
<sbdh:InstanceIdentifier>1100220016</sbdh:InstanceIdentifier>
```

```
<sbdh:Type>Events</sbdh:Type>
```

```
<sbdh:CreationDateAndTime>2023-04-
```

```
01T08:45:16Z</sbdh:CreationDateAndTime>
```

```
</sbdh:DocumentIdentification>
```

```
</sbdh:StandardBusinessDocumentHeader>
```

```
<extension>
```

```
<EPCISMasterData>
```

```
<VocabularyList>
```

```
<Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
```

```
<VocabularyElementList>
```

```
<!-- master data for lowest saleable unit -->
```

```
<VocabularyElement
```

```
id="urn:epc:idpat:sgtin:030001.0012345.*">
```

```

        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
        <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->

```

```

                                <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Wholesaler1 -->
                                <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
                                <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Dispenser Retail Store -->
                                <VocabularyElement
id="urn:epc:id:sgln:084436921.568.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                </VocabularyList>

```

```

        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:46:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
                <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
                <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
            </epcList>
            <action>ADD</action>

```



```

<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
<extension>
  <ilmd>
    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
  </ilmd>
</extension>
</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>

```

```

        </bizLocation>
    </AggregationEvent>
    <!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:52:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E6: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
    <ObjectEvent>
        <eventTime>2023-04-01T06:47:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </ObjectEvent>
    <!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
    <AggregationEvent>
        <eventTime>2023-04-01T06:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
    </AggregationEvent>

```

```

        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E8: Shipping pallet of 3 cases ordered -->
    <ObjectEvent>
        <eventTime>2023-04-01T07:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <!-- 2 business documents: PO from buying Wholesaler1, Delivery Document
created by MFG DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO936</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL648</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler, Destination Location is
Dispenser Retail Store -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
            </destinationList>
        </extension>
        <!-- Set dropShipment to true in the Shipping event. -->
        <gs1ushc:dropShipment>true</gs1ushc:dropShipment>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

**[2.2.5 Drop Shipment, Scenario #2 - Product sent directly to Dispenser, Wholesale Distributor manages the Data:](#)**

**2\_2\_5\_1\_DropShip\_ProdSentToDropShipParty\_DataSentToW\_SellerExch1**

<?xml version="1.0" encoding="UTF-8"?>

<!-- Section 2.2.5.1 Drop Shipment, Scenario #2: Product sent directly to Dispenser, Wholesale Distributor manages the Data: Seller Exchange1 -->  
 <!--Use Case Example: Buyer (W) places order for 3 units from MFG and requests the physical shipment to go directly to the Dispenser (D) who is purchasing from Buyer (W).  
 Wholesale Distributor (W) facilitates the DSCSA TI/TS exchange by passing through Manufacturer-provided data to the Dispenser (D), the drop-ship party, or Wholesale Distributor (W) stores the data in their repository for the Dispenser.

Buyer (W) provides instructions in the order to drop ship to D.  
 This is considered a drop shipment as defined in DSCSA Section 582 (f) DROP SHIPMENTS, and (c)(4)(B).  
 Seller (MFG) processes the order from Buyer (W) for 3 units.

Seller (MFG) establishes agreement with Buyer (W) to manage data for D.  
 Seller (MFG) ships products to Drop Ship Party (D) and provides Buyer (W) with DSCSA transaction data.  
 This example shows the EPCIS message sent by Manufacturer (MFG) to Buyer (W)

MFG sends EPCIS Commissioning, Packing, and Shipping data to W in order to enable W to subsequently pass data to D.

- Indicate in the Shipping event that sourceList (owning party) is MFG and sourceList (location) is MFG's warehouse.
- Indicate in the Shipping event that destinationList (owning party) is W and destinationList (location) is D.
- Set dropShipment to true in the Shipping event.

Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

```
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
        </sbdh:Sender>
        <sbdh:Receiver>
          <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
          </sbdh:Receiver>
          <sbdh:DocumentIdentification>
            <sbdh:Standard>EPCglobal</sbdh:Standard>
            <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
            <sbdh:InstanceIdentifier>1100220017</sbdh:InstanceIdentifier>
            <sbdh:Type>Events</sbdh:Type>
            <sbdh:CreationDateAndTime>2023-04-
01T08:45:16Z</sbdh:CreationDateAndTime>
          </sbdh:DocumentIdentification>
        </sbdh:StandardBusinessDocumentHeader>
      <extension>
        <EPCISMasterData>
          <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
              <VocabularyElementList>
                <!-- master data for lowest saleable unit -->
                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
```

```

        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
        <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->

```

```

                                <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Wholesaler -->
                                <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
                                <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Dispenser Retail Store -->
                                <VocabularyElement
id="urn:epc:id:sgln:084436921.568.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                </VocabularyList>

```

```

        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:46:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
                <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
                <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
            </epcList>
            <action>ADD</action>
    </EventList>
</EPCISBody>
</EPCIS>

```

```

<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
<extension>
  <ilmd>
    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
  </ilmd>
</extension>
</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>

```



```

        </bizLocation>
    </AggregationEvent>
    <!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:52:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E6: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
    <ObjectEvent>
        <eventTime>2023-04-01T06:47:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </ObjectEvent>
    <!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
    <AggregationEvent>
        <eventTime>2023-04-01T06:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
    </AggregationEvent>

```

```

        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E8: Shipping pallet of 3 cases ordered -->
    <ObjectEvent>
        <eventTime>2023-04-01T07:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <!-- 2 business documents: PO from buying Wholesaler, Delivery Document
created by MFG DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO936</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL648</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler, Destination Location is
Dispenser Retail Store -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
            </destinationList>
        </extension>
        <!-- Set dropShipment to true in the Shipping event. -->
        <gs1ushc:dropShipment>true</gs1ushc:dropShipment>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.5 Drop Shipment, Scenario #2 - Product sent directly to Dispenser, Wholesale Distributor manages the Data:](#)

## 2\_2\_5\_2\_DropShip\_ProdSentToDropShipParty\_DataSentToW\_BuyerSendsData

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.5.2 Drop Shipment, Scenario #2: Product sent directly to Dispenser, Wholesale Distributor (W)
manages the Data: Buyer (W) Sends Data to Drop Ship Party (D) -->
<!--Use Case Example: Buyer (W) places order for 3 units from MFG and requests the physical shipment to go
directly to the Dispenser (D) who is purchasing from Buyer (W).
Wholesale Distributor (W) facilitates the DSCSA TI/TS exchange by passing through Manufacturer-provided data
to the Dispenser (D), the drop-ship party, or Wholesale Distributor (W) stores the data in their repository for the
Dispenser.
Buyer (W) provides instructions in the order to drop ship to D.
This is considered a drop shipment as defined in DSCSA Section 582 (f) DROP SHIPMENTS, and (c)(4)(B).
Seller (MFG) processes the order from Buyer (W) for 3 units.
Seller (MFG) establishes agreement with Buyer (W) to manage data for D.
Seller (MFG) ships products to Drop Ship Party (D) and provides Buyer (W) with DSCSA transaction data.
This example shows the EPCIS message sent by Buyer (W) to Drop Ship Party (D).
W sends manufacturer-provided EPCIS Commissioning, Packing, and Shipping data to D.
Since W is performing pass-through service, the TI/TS in dataflow 2 is the same as dataflow 1. However, the
EPCIS document that W passes through to D shows W as the Sender in SBDH and D as the Receiver.
• Indicate in the Shipping event that sourceList (owning party) is MFG and sourceList (location) is MFG's
warehouse.
• Indicate in the Shipping event that destinationList (owning party) is W and destinationList (location) is D.
• Set dropShipment to true in the Shipping event
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T09:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.568.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220018</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T09:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
```

```

        <VocabularyElementList>
          <!-- master data for lowest saleable unit -->
          <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
            </VocabularyElement>
          <!-- master data for case -->
          <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
            </VocabularyElement>
          </VocabularyElementList>
        </Vocabulary>
        <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
          <VocabularyElementList>
            <!-- MFG -->
            <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
              <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc: id: sglIn: 030001.111121.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler -->
        <VocabularyElement
id="urn:epc: id: sglIn: 039999.999999.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Dispenser Retail Store -->
        <VocabularyElement
id="urn:epc: id: sglIn: 084436921.568.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>

```

```

                </VocabularyElement>
            </VocabularyElementList>
        </Vocabulary>
    </VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc: guidelineVersion>GS1 US DSCSA R1.3</gs1ushc: guidelineVersion>
<gs1ushc: dscsaTransactionStatement>
    <gs1ushc: affirmTransactionStatement>true</gs1ushc: affirmTransactionStatement>
    <gs1ushc: legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc: legalNotice>
    </gs1ushc: dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06: 45: 16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda: lotNumber>A123</cbvmda: lotNumber>
                    <cbvmda: itemExpirationDate>2025-03-
27</cbvmda: itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06: 46: 16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.1012345.110</epc>

```

```

                <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
                <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-03-27T06:50:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
            </childEPCs>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
        </AggregationEvent>
        <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-03-27T06:51:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
            </childEPCs>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>

```

```

        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-03-27T06:52:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
<ObjectEvent>
    <eventTime>2023-04-01T06:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
    <eventTime>2023-04-01T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>

```



```

    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E8: Shipping pallet of 3 cases ordered -->
  <ObjectEvent>
    <eventTime>2023-04-01T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:030001.41234567890</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Wholesaler, Delivery Document
created by MFG DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO936</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL648</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is MFG, Source Location is MFG DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
      </sourceList>
      <!-- Destination Owning Party is Wholesaler, Destination Location is
Dispenser Retail Store -->
      <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
      </destinationList>
    </extension>
    <!-- Set dropShipment to true in the Shipping event. -->
    <gs1ushc:dropShipment>true</gs1ushc:dropShipment>
  </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## 2.2.6 Exclusive Distributor Scenario: 2\_2\_6\_1\_ExclusiveDist\_SellerExch1

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!-- Section 2.2.6.1 Exclusive Distributor Scenario: Seller Exchange1 -->
```

```
<!--Use Case Example: Seller (MFG) processes the order for 3 units and provides Buyer (W1) with DSCSA transaction data.
```

This example shows the EPCIS message sent by Manufacturer (MFG) to WholesalerDistributor (W1)

Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

```
-->
```

```
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
```

```
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
```

```
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
```

```
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
```

```
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
```

```
<EPCISHeader>
```

```
<sbdh:StandardBusinessDocumentHeader>
```

```
<sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
```

```
<sbdh:Sender>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
```

```
</sbdh:Sender>
```

```
<sbdh:Receiver>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
```

```
</sbdh:Receiver>
```

```
<sbdh:DocumentIdentification>
```

```
<sbdh:Standard>EPCglobal</sbdh:Standard>
```

```
<sbdh:TypeVersion>1.0</sbdh:TypeVersion>
```

```
<sbdh:InstanceIdentifier>1100220019</sbdh:InstanceIdentifier>
```

```
<sbdh:Type>Events</sbdh:Type>
```

```
<sbdh:CreationDateAndTime>2023-04-
```

```
01T08:45:16Z</sbdh:CreationDateAndTime>
```

```
</sbdh:DocumentIdentification>
```

```
</sbdh:StandardBusinessDocumentHeader>
```

```
<extension>
```

```
<EPCISMasterData>
```

```
<VocabularyList>
```

```
<Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
```

```
<VocabularyElementList>
```

```
<!-- master data for lowest saleable unit -->
```

```
<VocabularyElement
```

```
id="urn:epc:idpat:sgtin:030001.0012345.*">
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
```

```

        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
    
```



```

    <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W1) -->
    <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
    <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
    <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W1)'s DC-->
    <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
    <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
    <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    </VocabularyElementList>
    </Vocabulary>
    </VocabularyList>
    </EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
    <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->

```

```

<ObjectEvent>
  <eventTime>2023-03-27T06:45:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>
      <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
    </ilmd>
  </extension>
</ObjectEvent>
<!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
<ObjectEvent>
  <eventTime>2023-03-27T06:46:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>

```

```

                <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-03-27T06:50:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
            </childEPCs>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
        </AggregationEvent>
        <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-03-27T06:51:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
            </childEPCs>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
        </AggregationEvent>
        <!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-03-27T06:52:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            </childEPCs>
    
```

```

        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
<ObjectEvent>
    <eventTime>2023-04-01T06:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
    <eventTime>2023-04-01T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
    <eventTime>2023-04-01T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
    </epcList>

```

```

    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by MFG DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO639</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL580</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is MFG, Source Location is MFG DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
      </sourceList>
      <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
Wholesaler (W1)'s DC -->
      <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
      </destinationList>
    </extension>
    <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
  </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## **2.2.6 Exclusive Distributor Scenario: 2\_2\_6\_2\_ExclusiveDist\_BuyerReceive1**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.6.2 Exclusive Distributor Scenario: Buyer (W1) Receives Product into inventory -->
<!--Use Case Example: Three units arrive at the Buyer (W1's) warehouse along with DSCSA transaction data.
For internal operations, W1 optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesaler (W1)'s DC to Wholesaler (W1) Corp
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
W1's DC receives pallet, W1's DC unpacks 3 cases from pallet. W1's DC does not unpack the 3 cases and records
inferred receiving into inventory the 12 LSUs contained in the 3 cases.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T18:45:16Z">
  <EPCISHeader>

```



```

<sbdh:StandardBusinessDocumentHeader>
  <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
  <sbdh:Sender>
    <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.345678.0</sbdh:Identifier>
    </sbdh:Sender>
  <sbdh:Receiver>
    <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
    </sbdh:Receiver>
  <sbdh:DocumentIdentification>
    <sbdh:Standard>EPCglobal</sbdh:Standard>
    <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
    <sbdh:InstanceIdentifier>1100220020</sbdh:InstanceIdentifier>
    <sbdh:Type>Events</sbdh:Type>
    <sbdh:CreationDateAndTime>2023-04-
01T18:45:16Z</sbdh:CreationDateAndTime>
  </sbdh:DocumentIdentification>
</sbdh:StandardBusinessDocumentHeader>
<extension>
  <EPCISMasterData>
    <VocabularyList>
      <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
        <VocabularyElementList>
          <!-- master data for lowest saleable unit -->
          <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
          </VocabularyElement>
          <!-- master data for case -->
          <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
            <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>

```

```

id="urn:epcglobal:cbv:mda#state">NY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W1)'s DC-->
</VocabularyElement>
id="urn:epc:id:sgln:039999.345678.0">
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
id="urn:epcglobal:cbv:mda#state">KY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Receiving pallet of 3 cases ordered (SNs 110, 111, 121) -->
    <ObjectEvent>
      <eventTime>2023-04-01T17:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
      </epcList>
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
      </bizLocation>

```

```

    <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by MFG DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO639</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL580</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is MFG, Source Location is MFG DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
      </sourceList>
      <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
Wholesaler (W1)'s DC -->
      <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
      </destinationList>
    </extension>
  </ObjectEvent>
  <!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
  <AggregationEvent>
    <eventTime>2023-04-01T17:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>DELETE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
  <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-01T17:49:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:50:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
        <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
            <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
        </AggregationEvent>
        <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
        <AggregationEvent>
            <eventTime>2023-04-01T17:51:16Z</eventTime>

```

```

<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
<childEPCs>
  <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
</childEPCs>
<!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</bizLocation>
<!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
  <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## **2.2.6 Exclusive Distributor Scenario: 2\_2\_6\_3\_ExclusiveDist\_SellerExch2**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.6.3 Exclusive Distributor Scenario: Seller Exchange2 -->
<!--Use Case Example: Seller (W1) processes the order for 3 units and provides Buyer (W2) with DSCSA
transaction data.
Since W1 is an exclusive distributor for GTIN A, W1 is the trading partner that is commercially introducing the
serialized products.
This example shows the EPCIS message sent by Wholesaler (W1) to Wholesaler (W2)
W1 sends relevant MFG-provided EPCIS Commissioning and Packing data along with W1-generated EPCIS
Commissioning (SSCC), Packing, and Shipping data to W2.
Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A
with each case containing 4 LSUs
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-03T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>

```

```

        </sbdh:Sender>
        <sbdh:Receiver>
            <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
            </sbdh:Receiver>
            <sbdh:DocumentIdentification>
                <sbdh:Standard>EPCglobal</sbdh:Standard>
                <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
                <sbdh:InstanceIdentifier>1100220021</sbdh:InstanceIdentifier>
                <sbdh:Type>Events</sbdh:Type>
                <sbdh:CreationDateAndTime>2023-04-
03T08:45:16Z</sbdh:CreationDateAndTime>
            </sbdh:DocumentIdentification>
        </sbdh:StandardBusinessDocumentHeader>
        <extension>
            <EPCISMasterData>
                <VocabularyList>
                    <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                        <VocabularyElementList>
                            <!-- master data for lowest saleable unit -->
                            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                            <!-- master data for case -->
                            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                        </VocabularyElementList>
                    </Vocabulary>
                </VocabularyList>
            </EPCISMasterData>
        </extension>
    </sbdh:StandardBusinessDocumentHeader>

```

```

</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
  <VocabularyElementList>
    <!-- MFG -->
    <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W1) -->
    <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
      <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W1's) DC-->
    <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>

```



```

        </VocabularyElement>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler2</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler2 Distribution Center</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
        <ilmd>
            <cbvmda:lotNumber>A123</cbvmda:lotNumber>
            <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
        </ilmd>
    </extension>
</ObjectEvent>
<!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
<ObjectEvent>
    <eventTime>2023-03-27T06:46:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
        <ilmd>
            <cbvmda:lotNumber>A123</cbvmda:lotNumber>
            <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
        </ilmd>
    </extension>
</ObjectEvent>

```

```

<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler DC -->
  <ObjectEvent>
    <eventTime>2023-04-03T06:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
  </ObjectEvent>
  <!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
  <AggregationEvent>
    <eventTime>2023-04-03T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E8: Shipping pallet of 3 cases ordered -->
  <ObjectEvent>
    <eventTime>2023-04-03T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>

```

```

        </readPoint>
        <!-- 2 business documents: PO from buying Wholesaler (W2), Delivery Document
created by Wholesaler (W1's) DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO136</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL370</bizTransaction>
            </bizTransactionList>
        <extension>
            <!-- Source Owning Party is W1, Source Location is W1's DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W2), Destination Location is
W2's DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## **2.2.6 Exclusive Distributor Scenario: 2\_2\_6\_4\_ExclusiveDist\_BuyerReceive2**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.6.4 Exclusive Distributor Scenario: Buyer (W2) Receives Product into inventory -->
<!--Use Case Example: Three units arrive at the Buyer (W2's) warehouse along with DSCSA transaction data.
For internal operations, W2 optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesaler (W2)'s DC to Wholesaler (W2) Corp
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
W2's DC receives pallet, W2's DC unpacks 3 cases from pallet. W2's DC does not unpack the 3 cases and records
inferred receiving into inventory the 12 LSUs contained in the 3 cases.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-03T18:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5674.0</sbdh:Identifier>

```

```

    </sbdh:Sender>
    <sbdh:Receiver>
      <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
      </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220022</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
03T18:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
            </VocabularyElementList>
          </Vocabulary>
        </VocabularyList>
      </EPCISMasterData>
    </extension>
  </sbdh:StandardBusinessDocumentHeader>

```

```

</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
  <VocabularyElementList>
    <!-- Wholesaler (W1) -->
    <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
      <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W1's) DC-->
    <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W2) -->
    <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler2</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>

```

```

        </VocabularyElement>
        <!-- Wholesaler (W2's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler2 Distribution Center</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Receiving pallet of 3 cases ordered (SNs 110, 111, 121) -->
        <ObjectEvent>
            <eventTime>2023-04-03T16:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sscc:039999.10246801357</epc>
            </epcList>
            <action>OBSERVE</action>
            <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:07539426.5674.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:07539426.5674.0</id>
            </bizLocation>
            <!-- 2 business documents: PO from buying Wholesaler (W2), Delivery Document
created by Wholesaler (W1's) DC -->
            <bizTransactionList>
                <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO136</bizTransaction>
                <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL370</bizTransaction>

```



```

</bizTransactionList>
<extension>
  <!-- Source Owning Party is W1, Source Location is W1's DC -->
  <sourceList>
    <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
    <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
  </sourceList>
  <!-- Destination Owning Party is Wholesaler (W2), Destination Location is
W2's DC -->
  <destinationList>
    <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
    <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
  </destinationList>
</extension>
</ObjectEvent>
<!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
<AggregationEvent>
  <eventTime>2023-04-03T16:46:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>DELETE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </bizLocation>
</AggregationEvent>
<!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
<!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
<AggregationEvent>
  <eventTime>2023-04-03T16:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
  <action>OBSERVE</action>

```

```

<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:07539426.5674.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:07539426.5674.0</id>
</bizLocation>
<!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
  <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
<!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-03T16:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
      <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
      <AggregationEvent>
        <eventTime>2023-04-03T16:49:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
          <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
          <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
          <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
          <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
        </childEPCs>
      </AggregationEvent>
    </AggregationEvent>
  </AggregationEvent>

```

```

</childEPCs>
<!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:07539426.5674.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:07539426.5674.0</id>
</bizLocation>
<!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
(without unpacking the aggregated children from the parent) on the basis of aggregation
information
(e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
<gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### **2.2.6 Exclusive Distributor Scenario: 2\_2\_6\_5\_ExclusiveDist\_SellerExch3**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.6.5 Exclusive Distributor Scenario: Seller Exchange3 -->
<!--Use Case Example: Seller (W2) prepares shipment and provides Buyer (D) with DSCSA transaction data.
This example shows the EPCIS message sent by Wholesaler (W2) to Dispenser (D)
W2 sends MFG-provided EPCIS Commissioning and Packing data along with W2-generated EPCIS Commissioning
(SSCC), Packing, and Shipping data to D.
• Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
• Omit indirectPurchaseEPCs since the entire shipment from W2 to D is directly purchased by W2 from
exclusive distributor W1.
• Include directPurchaseStatement.
Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A
with each case containing 4 LSUs
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
      </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh:Identifier>
      </sbdh:Receiver>
    </sbdh:DocumentIdentification>

```

```

        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220023</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
05T08:45:16Z</sbdh:CreationDateAndTime>
    </sbdh:DocumentIdentification>
</sbdh:StandardBusinessDocumentHeader>
<extension>
    <EPCISMasterData>
        <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                <VocabularyElementList>
                    <!-- master data for lowest saleable unit -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                    </VocabularyElement>
                    <!-- master data for case -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                    </VocabularyElement>
                </VocabularyElementList>
            </Vocabulary>
            <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
                <VocabularyElementList>
                    <!-- MFG -->
                    <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">

```

```
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
</VocabularyElement>
<!-- Wholesaler (W2) -->
</VocabularyElement>
id="urn:epc: id: sglIn: 07539426.5678.0">
</VocabularyElement>
<!-- Wholesaler (W2's) DC-->
</VocabularyElement>
id="urn:epc: id: sglIn: 07539426.5674.0">
</VocabularyElement>
<!-- Dispenser -->
</VocabularyElement>
id="urn:epc: id: sglIn: 084436921.567.0">
</VocabularyElement>
<!-- Dispenser -->
</VocabularyElement>
```

```

        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Dispenser Retail Store -->
    <VocabularyElement
id="urn:epc:id:sgln:084436921.568.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
            </epcList>
        </ObjectEvent>
    </EventList>
</EPCISBody>
</EPCIS>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
        <ilmd>
            <cbvmda:lotNumber>A123</cbvmda:lotNumber>
            <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
        </ilmd>
    </extension>
</ObjectEvent>
<!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
<ObjectEvent>
    <eventTime>2023-03-27T06:46:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
        <ilmd>
            <cbvmda:lotNumber>A123</cbvmda:lotNumber>
            <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
        </ilmd>
    </extension>
</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-03-27T06:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-03-27T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-03-27T06:52:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>

```



```

</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler DC -->
<ObjectEvent>
  <eventTime>2023-04-05T06:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:07539426.235792468</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
  <eventTime>2023-04-05T06:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:07539426.235792468</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
  <eventTime>2023-04-05T07:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:07539426.235792468</epc>
  </epcList>
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </readPoint>
  <!-- 2 business documents: PO from buying Dispenser, Delivery Document
created by Wholesaler (W2)'s DC -->
  <bizTransactionList>
    <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO742</bizTransaction>

```

```

        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0753942656742:DEL862</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is W2, Source Location is W2's DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</source>
            </sourceList>
            <!-- Destination Owning Party is Dispenser, Destination Location is
Dispenser's Retail Store -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>false</gs1ushc:dropShipment>
        <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W2 to D is directly purchased by W2
from exclusive distributor W1.
Include directPurchaseStatement.
-->
        <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
            <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
        </gs1ushc:directPurchase>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### 2.2.7 Co-License Partner Scenario: 2\_2\_7\_1\_CoLicensePartner\_SellerExch1

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.7.1 Co-License Partner Scenario: Seller Exchange1 -->
<!--Use Case Example: Buyer (W) placed order for 3 units from Seller(CLP2), the designated MFG.
Seller (CLP2) is designated as MFG and CLP2 leverages partner (CLP1) to manufacture and ship the order for 3
units.
CLP1 and CLP2 have an established licensing agreement designating CLP2 with manufacturer responsibilities for
DSCSA purposes.
Seller (CLP2) provides DSCSA transaction data to Buyer (W) since CLP2 is responsible for providing TI/TS to
buyer and responding to DSCSA inquiries.
This example shows the EPCIS message sent by MFG (CLP2) to WholesalerDistributor (W)

```

Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"

```

```

xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220024</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T08:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- CLP2 is the designated MFG based on Co-Licensed
business agreement with CLP1 -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- CLP1 DC is the co-licensed partner with CLP2.
Although CLP1 physically manufactured the products, by business agreement, CLP2 is the designated
Manufacturer. CLP1's DC is shipping the product to the ordering customer on behalf of CLP2. -->
        <VocabularyElement
id="urn:epc:id:sgln:0455136.24692.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Co-Licensed Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">7251 Raptor Way</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Cedar Creek</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">TX</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">78612</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W) -->
    </VocabularyElementList>
</Vocabulary>
id="urn:epc:id:sgln:039999.999999.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>

```



```

        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
            </epcList>
        </ObjectEvent>
    </EventList>
</EPCISBody>
</EPCIS>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
        <ilmd>
            <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        </ilmd>
    </extension>
    <cbvmda:itemExpirationDate>2025-03-27</cbvmda:itemExpirationDate>
    </ilmd>
    </ObjectEvent>
    <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
    <ObjectEvent>
        <eventTime>2023-03-27T06:46:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
        <extension>
            <ilmd>
                <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
            </ilmd>
        </extension>
    </ObjectEvent>
    <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:50:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.11</epc>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-03-27T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-03-27T06:52:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>

```

```

<!-- E6: Commissioning event (1 pallet of GTIN A) at CLP1 DC -->
<ObjectEvent>
  <eventTime>2023-04-01T06:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:0455136.5098765432</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0455136.24692.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0455136.24692.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
  <eventTime>2023-04-01T06:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:0455136.5098765432</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0455136.24692.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0455136.24692.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
  <eventTime>2023-04-01T07:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:0455136.5098765432</epc>
  </epcList>
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0455136.24692.0</id>
  </readPoint>
  <!-- 2 business documents: PO from buying Wholesaler (W), Delivery Document
created by CLP1 -->
  <bizTransactionList>
    <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO225</bizTransaction>

```



```

        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0455136246929:DEL472</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owing Party is CLP2, Source Location is CLP1 DC
            CLP1 and CLP2 have an established licensing agreement designating CLP2 with manufacturer
            responsibilities for DSCSA purposes. Therefore, CLP2 is considered as the source owning partner. CLP2 utilizes
            CLP1 to fulfill and ship order to buyer (W)
            -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0455136.24692.0</source>
            </sourceList>
            <!-- Destination Owing Party is Wholesaler(W), Destination Location is
Wholesaler (W)'s DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### 2.2.7 Co-License Partner Scenario: **2\_2\_7\_2\_CoLicensePartner\_BuyerReceive1**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.7.2 Co-License Partner Scenario: Buyer (W) Receives Product Into inventory -->
<!--Use Case Example: Three units arrive at the Buyer (W) warehouse. Buyer (W) receives DSCSA transaction
information from Seller (CLP2), the designated MFG per the agreement.
For internal operations, W optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesler (W)'s DC to Wholesaler (W) Corp
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
W's DC receives pallet, W's DC unpacks 3 cases from pallet. W's DC does not unpack the 3 cases and records
inferred receiving into inventory the 12 LSUs contained in the 3 cases.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T18:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.345678.0</sbdh:Identifier>

```

```

        </sbdh:Sender>
        <sbdh:Receiver>
            <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
            </sbdh:Receiver>
            <sbdh:DocumentIdentification>
                <sbdh:Standard>EPCglobal</sbdh:Standard>
                <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
                <sbdh:InstanceIdentifier>1100220025</sbdh:InstanceIdentifier>
                <sbdh:Type>Events</sbdh:Type>
                <sbdh:CreationDateAndTime>2023-04-
01T18:45:16Z</sbdh:CreationDateAndTime>
            </sbdh:DocumentIdentification>
        </sbdh:StandardBusinessDocumentHeader>
        <extension>
            <EPCISMasterData>
                <VocabularyList>
                    <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                        <VocabularyElementList>
                            <!-- master data for lowest saleable unit -->
                            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                            <!-- master data for case -->
                            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                        </VocabularyElementList>
                    </Vocabulary>
                </VocabularyList>
            </EPCISMasterData>
        </extension>
    </sbdh:StandardBusinessDocumentHeader>

```

```

</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
  <VocabularyElementList>
    <!-- CLP2 is the designated MFG based on Co-Licensed
business agreement with CLP1 -->
      <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
      </VocabularyElement>
    <!-- CLP1 DC is the co-licensed partner with CLP2.
Although CLP1 physically manufactured the products, by business agreement, CLP2 is the designated
Manufacturer. CLP1's DC is shipping the product to the ordering customer on behalf of CLP2. -->
      <VocabularyElement
id="urn:epc:id:sgln:0455136.24692.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Co-Licensed Pharma DC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">7251 Raptor Way</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Cedar Creek</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">TX</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">78612</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
      </VocabularyElement>
    <!-- Wholesaler (W) -->
      <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Receiving pallet of 3 cases ordered (SNs 110, 111, 121) -->
        <ObjectEvent>
            <eventTime>2023-04-01T17:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sscc:0455136.5098765432</epc>
            </epcList>
            <action>OBSERVE</action>
            <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:039999.345678.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:039999.345678.0</id>
            </bizLocation>
            <!-- 2 business documents: PO from buying Wholesaler (W), Delivery Document
created by CLP1 -->
        </bizTransactionList>
    </EventList>
</EPCISBody>
</EPCIS>

```

```

        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO225</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0455136246929:DEL472</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owing Party is CLP2, Source Location is CLP1 DC
            CLP1 and CLP2 have an established licensing agreement designating CLP2 with manufacturer
            responsibilities for DSCSA purposes. Therefore, CLP2 is considered as the source owning partner. CLP2 utilizes
            CLP1 to fulfill and ship order to buyer (W)
            -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0455136.24692.0</source>
            </sourceList>
            <!-- Destination Owing Party is Wholesaler (W), Destination Location is
Wholesaler (W)'s DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
            </destinationList>
        </extension>
    </ObjectEvent>
    <!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:0455136.5098765432</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </childEPCs>
        <action>DELETE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:49:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
        <childEPCs>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:50:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
        <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
            <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
        </AggregationEvent>
        <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
        <AggregationEvent>

```

```

<eventTime>2023-04-01T17:51:16Z</eventTime>
<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
<childEPCs>
  <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
</childEPCs>
<!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</bizLocation>
<!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
  <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### **2.2.7 Co-License Partner Scenario: 2\_2\_7\_3\_CoLicensePartner\_SellerExch2**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.7.3 Co-License Partner Scenario: Seller Exchange2 -->
<!--Use Case Example: Seller (W) processes shipment and provides Buyer (D) with DSCSA transaction data.
This example shows the EPCIS message sent by Wholesaler (W) to Dispenser (D)
W sends relevant CLP2-provided EPCIS Commissioning and Packing data along with W-generated logistics
Commissioning (SSCC), Packing, and Shipping data to D.
• Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
• Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.
• Include directPurchaseStatement.
Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A
with each case containing 4 LSUs.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>

```

```

        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh: Identifier>
        </sbdh: Sender>
        <sbdh: Receiver>
        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh: Identifier>
        </sbdh: Receiver>
        <sbdh: DocumentIdentification>
        <sbdh: Standard>EPCglobal</sbdh: Standard>
        <sbdh: TypeVersion>1.0</sbdh: TypeVersion>
        <sbdh: InstanceIdentifier>1100220026</sbdh: InstanceIdentifier>
        <sbdh: Type>Events</sbdh: Type>
        <sbdh: CreationDateAndTime>2023-04-
05T08:45:16Z</sbdh: CreationDateAndTime>
        </sbdh: DocumentIdentification>
</sbdh: StandardBusinessDocumentHeader>
<extension>
    <EPCISMasterData>
        <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                <VocabularyElementList>
                    <!-- master data for lowest saleable unit -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                    </VocabularyElement>
                    <!-- master data for case -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>

```



```

        </VocabularyElement>
      </VocabularyElementList>
    </Vocabulary>
    <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
      <VocabularyElementList>
        <!-- CLP2 is the designated MFG based on Co-Licensed
business agreement with CLP1 -->
          <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
          </VocabularyElement>
          <!-- Wholesaler (W) -->
          <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
            <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
          </VocabularyElement>
          <!-- Wholesaler (W)'s DC-->
          <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Dispenser -->
        <VocabularyElement
id="urn:epc:id:sgln:084436921.567.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Dispenser Retail Store -->
        <VocabularyElement
id="urn:epc:id:sgln:084436921.568.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
        </gs1ushc:dscsaTransactionStatement>
    </EPCISHeader>
    <EPCISBody>
        <EventList>
            <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->

```

```

<ObjectEvent>
  <eventTime>2023-03-27T06:45:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>
      <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
    </ilmd>
  </extension>
</ObjectEvent>
<!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
<ObjectEvent>
  <eventTime>2023-03-27T06:46:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>

```

```

                <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-03-27T06:50:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
            </childEPCs>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
        </AggregationEvent>
        <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-03-27T06:51:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
            </childEPCs>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
        </AggregationEvent>
        <!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-03-27T06:52:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            </childEPCs>
    
```

```

        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler DC -->
<ObjectEvent>
    <eventTime>2023-04-05T06:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
    <eventTime>2023-04-05T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
    <eventTime>2023-04-05T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>

```

```

        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <!-- 2 business documents: PO from buying Dispenser, Delivery Document
created by Wholesaler (W)'s DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO145</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL714</bizTransaction>
            </bizTransactionList>
        <extension>
            <!-- Source Owning Party is W, Source Location is W's DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
            </sourceList>
            <!-- Destination Owning Party is Dispenser, Destination Location is
Dispenser's Retail Store -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>false</gs1ushc:dropShipment>
        <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W
from MFG.
Include directPurchaseStatement.
-->
        <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
            <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
        </gs1ushc:directPurchase>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## **2.2.8 Consignment Scenario: 2\_2\_8\_1\_Consignment\_SellerExch1**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.8.1 Consignment Scenario: Seller Exchange1 -->
<!--Use Case Example: This scenario illustrates how the TI/TS can be sent during a change of possession as
opposed to a change of ownership using the DSCSA provision for sending TI/TS data "prior to" ownership

```

transaction, per DSCSA (Title II, Section 582 (9)(b)(1)(A)(i); (c)(1)(A)(i); (d)(1)(A)(i)). Inventory is consigned at Dispenser until product ownership is triggered by a transaction like dispensing or consumption.

This example shows the pre-consignment transaction EPCIS message sent by Manufacturer (MFG) to Wholesaler/Distributor (W) to illustrate how (W) acquired the inventory prior to consignment.

Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

-->

```
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
```

```
<EPCISHeader>
```

```
<sbdh:StandardBusinessDocumentHeader>
```

```
<sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
```

```
<sbdh:Sender>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
```

```
</sbdh:Sender>
```

```
<sbdh:Receiver>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
```

```
</sbdh:Receiver>
```

```
<sbdh:DocumentIdentification>
```

```
<sbdh:Standard>EPCGlobal</sbdh:Standard>
```

```
<sbdh:TypeVersion>1.0</sbdh:TypeVersion>
```

```
<sbdh:InstanceIdentifier>1100220027</sbdh:InstanceIdentifier>
```

```
<sbdh:Type>Events</sbdh:Type>
```

```
<sbdh:CreationDateAndTime>2023-04-
```

```
01T08:45:16Z</sbdh:CreationDateAndTime>
```

```
</sbdh:DocumentIdentification>
```

```
</sbdh:StandardBusinessDocumentHeader>
```

```
<extension>
```

```
<EPCISMasterData>
```

```
<VocabularyList>
```

```
<Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
```

```
<VocabularyElementList>
```

```
<!-- master data for lowest saleable unit -->
```

```
<VocabularyElement
```

```
id="urn:epc:idpat:sgtin:030001.0012345.*">
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
```

```
</VocabularyElement>
```

```
<!-- master data for case -->
```

```

                                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
                                <VocabularyElementList>
                                <!-- MFG -->
                                <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- MFG DC-->
                                <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>

```





```

    </VocabularyElement>
    <!-- Wholesaler (W) -->
  </VocabularyElement>
  id="urn:epc:id:sgln:039999.999999.0">
    <attribute
  id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
    <attribute id="urn:epcglobal:cbv:mda#city">New
  York</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#state">NY</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W)'s DC-->
  </VocabularyElement>
  id="urn:epc:id:sgln:039999.345678.0">
    <attribute
  id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#state">KY</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
    <attribute
  id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
  </VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
        <ilmd>
            <cbvmda:lotNumber>A123</cbvmda:lotNumber>
            <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
        </ilmd>
    </extension>
</ObjectEvent>
<!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
<ObjectEvent>
    <eventTime>2023-03-27T06:46:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
        <ilmd>
            <cbvmda:lotNumber>A123</cbvmda:lotNumber>
            <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
        </ilmd>
    </extension>
</ObjectEvent>

```

```

<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E6: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
  <ObjectEvent>
    <eventTime>2023-04-01T06:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:030001.41234567890</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
  </ObjectEvent>
  <!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
  <AggregationEvent>
    <eventTime>2023-04-01T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E8: Shipping pallet of 3 cases ordered -->
  <ObjectEvent>
    <eventTime>2023-04-01T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:030001.41234567890</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111121.0</id>

```

```

</readPoint>
<!-- 2 business documents: PO from buying Wholesaler (W), Delivery Document
created by MFG DC -->
  <bizTransactionList>
    <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO275</bizTransaction>
    <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL632</bizTransaction>
    </bizTransactionList>
  <extension>
    <!-- Source Owning Party is MFG, Source Location is MFG DC -->
    <sourceList>
      <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
      <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
    </sourceList>
    <!-- Destination Owning Party is Wholesaler (W), Destination Location is
Wholesaler (W)'s DC -->
    <destinationList>
      <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
      <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
    </destinationList>
  </extension>
  <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
</ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### **2.2.8 Consignment Scenario: 2\_2\_8\_2\_Consignment\_BuyerReceive1**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.8.2 Consignment Scenario: Buyer (W) Receives Product into inventory -->
<!--Use Case Example: This scenario illustrates how the TI/TS can be sent during a change of possession as
opposed to a change of ownership using the DSCSA provision for sending TI/TS data "prior to" ownership
transaction, per DSCSA (Title II, Section 582 (9)(b)(1)(A)(i); (c)(1)(A)(i); (d)(1)(A)(i)). Inventory is consigned at
Dispenser until product ownership is triggered by a transaction like dispensing or consumption.
Three units arrive at the Buyer (W's) warehouse along with DSCSA transaction data.
For internal operations, W optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesaler (W)'s DC to Wholesaler (W) Corp
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
W's DC receives pallet, W's DC unpacks 3 cases from pallet. W's DC does not unpack the 3 cases and records
inferred receiving into inventory the 12 LSUs contained in the 3 cases.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T18:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>

```

```

    <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
    <sbdh:Sender>
      <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.345678.0</sbdh:Identifier>
    </sbdh:Sender>
    <sbdh:Receiver>
      <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
    </sbdh:Receiver>
    <sbdh:DocumentIdentification>
      <sbdh:Standard>EPCglobal</sbdh:Standard>
      <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
      <sbdh:InstanceIdentifier>1100220028</sbdh:InstanceIdentifier>
      <sbdh:Type>Events</sbdh:Type>
      <sbdh:CreationDateAndTime>2023-04-
01T18:45:16Z</sbdh:CreationDateAndTime>
    </sbdh:DocumentIdentification>
  </sbdh:StandardBusinessDocumentHeader>
  <extension>
    <EPCISMasterData>
      <VocabularyList>
        <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
          <VocabularyElementList>
            <!-- master data for lowest saleable unit -->
            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
            </VocabularyElement>
            <!-- master data for case -->
            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
        <!-- Wholesaler (W) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
            <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W)'s DC-->
    <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Receiving pallet of 3 cases ordered (SNs 110, 111, 121) -->
        <ObjectEvent>
            <eventTime>2023-04-01T17:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sscc:030001.41234567890</epc>
            </epcList>
            <action>OBSERVE</action>
            <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:039999.345678.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:039999.345678.0</id>
            </bizLocation>
            <!-- 2 business documents: PO from buying Wholesaler (W), Delivery Document
created by MFG DC -->
        </bizTransactionList>
    </EventList>
</EPCISBody>
</EPCISHeader>
</EPCISMessageHeader>
</EPCISMessage>

```



```

        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO275</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL632</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W), Destination Location is
Wholesaler (W)'s DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
            </destinationList>
        </extension>
    </ObjectEvent>
    <!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </childEPCs>
        <action>DELETE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:49:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </AggregationEvent>

```

```

</childEPCs>
<!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</bizLocation>
<!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
(without unpacking the aggregated children from the parent) on the basis of aggregation
information
(e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
<gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
<!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
<AggregationEvent>
  <eventTime>2023-04-01T17:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </bizLocation>
  <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
(without unpacking the aggregated children from the parent) on the basis of aggregation
information
(e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
  <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
  </AggregationEvent>
  <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-01T17:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
    <childEPCs>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
        (without unpacking the aggregated children from the parent) on the basis of aggregation
information
        (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## 2.2.8 Consignment Scenario: 2\_2\_8\_3\_Consignment\_SellerExch2

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.8.3 Consignment Scenario: Wholesaler (W) ships product to Dispenser (D) on April 5 under
consignment. -->
<!--Use Case Example: This scenario illustrates how the TI/TS can be sent during a change of possession as
opposed to a change of ownership using the DSCSA provision for sending TI/TS data "prior to" ownership
transaction, per DSCSA (Title II, Section 582 (9)(b)(1)(A)(i); (c)(1)(A)(i); (d)(1)(A)(i)). Inventory is consigned at
Dispenser until product ownership is triggered by a transaction like dispensing or consumption.
This example shows the EPCIS message sent by Wholesaler (W) to Dispenser (D).
TI/TS is provided in advance by transacting the shipment as if not a consignment.
This requires an agreement with trading partner to define the exchange of data and reconciliation process.
Wholesaler sends EPCIS Commissioning, Packing, and Shipping data to D.
    <ul>
    <li>Indicate in the Shipping event that sourceList (owning party) is W and sourceList (location) is W's
warehouse.
    <li>Indicate in the Shipping event that destinationList (owning party) is D and destinationList (location) is D.
Note: Consequently, the Shipping eventTime reflects the actual consignment shipment date instead of ownership
change date.
    </ul>

```

Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T08:45:16Z">
    <EPCISHeader>

```

```

    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220029</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
05T08:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
            <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>

```

```

id="urn:epcglobal:cbv:mda#state">KY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Dispenser -->
<VocabularyElement
id="urn:epc: id: sglIn: 084436921.567.0">
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Dispenser Retail Store -->
<VocabularyElement
id="urn:epc: id: sglIn: 084436921.568.0">
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc: guidelineVersion>GS1 US DSCSA R1.3</gs1ushc: guidelineVersion>
<gs1ushc: dscsaTransactionStatement>
  <gs1ushc: affirmTransactionStatement>true</gs1ushc: affirmTransactionStatement>
  <gs1ushc: legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc: legalNotice>
</gs1ushc: dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>

```

```

<EventList>
  <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
  <ObjectEvent>
    <eventTime>2023-03-27T06:45:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
  <ObjectEvent>
    <eventTime>2023-03-27T06:46:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>

```

```

                <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
            </ilmd>
        </extension>
    </ObjectEvent>
    <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:50:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:51:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:52:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>

```



```

        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler DC -->
<ObjectEvent>
    <eventTime>2023-04-05T06:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
    <eventTime>2023-04-05T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<!-- While there is no transfer of ownership at the time of initial consignment shipment,
using the DSCSA provision for sending TI/TS data "prior to" ownership transaction, the EPCIS data flow at time of
shipment will reflect the ownership change. -->
<ObjectEvent>

```

<!-- Since TI/TS is provided in advance by transacting the shipment as if not a consignment, the Shipping eventTime reflects the actual consignment shipment date instead of ownership change date -->

```

    <eventTime>2023-04-05T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <!-- 1 business documents: Delivery Document created by W's DC
Since the TI/TS is provided prior to transfer of ownership, there's no PO at time of consignment --
>
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL392</bizTransaction>
      </bizTransactionList>
    <extension>
      <!-- Source Owning Party is W, Source Location is W's DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
      </sourceList>
      <!-- Destination Owning Party is Dispenser, Destination Location is
Dispenser's Retail Store -->
      <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
      </destinationList>
    </extension>
    <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W
from MFG.
Include directPurchaseStatement.
-->
    <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
      <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
    </gs1ushc:directPurchase>
  </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## 2.2.9 Repackaging Scenario: 2\_2\_9\_1\_Repackaging\_SellerExch1

<?xml version="1.0" encoding="UTF-8"?>  
 <!-- Section 2.2.9.1 Repackaging Scenario: Seller Exchange1 -->  
 <!--Use Case Example: Seller (MFG) processes the order for 1 unit, GTIN A, and provides Buyer (R) with DSCSA transaction data.

This example shows the EPCIS message sent by Manufacturer (MFG) to Repackager (R)  
 Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with each case containing 4 LSUs and each LSU containing 1000 pills.

-->

```

<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0374132.45902.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220030</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T08:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">1000 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">1000 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
    
```

```

        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Repackager -->
        <VocabularyElement
id="urn:epc:id:sgln:0374132.45902.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1051 South Olympic Blvd</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Repackager's DC-->
        <VocabularyElement
id="urn:epc:id:sgln:0374132.45912.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager DC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">923 South Burnside Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
        </gs1ushc:dscsaTransactionStatement>
    </EPCISHeader>
    <EPCISBody>
        <EventList>
            <!-- E1: Commissioning events (4 LSUs per case) -->

```

```

<ObjectEvent>
  <eventTime>2023-03-27T06:45:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>
      <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
    </ilmd>
  </extension>
</ObjectEvent>
<!-- E2: Commissioning events (1 case SNs 110) -->
<ObjectEvent>
  <eventTime>2023-03-27T06:46:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>
      <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
    </ilmd>
  </extension>
</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E4: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
<ObjectEvent>
    <eventTime>2023-04-01T06:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
</ObjectEvent>
<!-- E5: Aggregation event (packing pallet with 1 case SNs 110) -->
<AggregationEvent>
    <eventTime>2023-04-01T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:030001.111121.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E6: Shipping pallet of 1 case ordered -->
<ObjectEvent>
    <eventTime>2023-04-01T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>

```

```

    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111121.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Repackager, Delivery Document
created by MFG DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0374132459020:XYZPO624</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL936</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is MFG, Source Location is MFG DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
      </sourceList>
      <!-- Destination Owning Party is Repackager, Destination Location is
Repackager's DC -->
      <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0374132.45902.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0374132.45912.0</destination>
      </destinationList>
    </extension>
    <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
  </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### 2.2.9 Repackaging Scenario: 2\_2\_9\_2\_2\_Repackaging\_BuyerReceive1

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.9.2 Repackaging Scenario: Repackager (R) receives product into inventory. -->
<!--Use Case Example: One unit of 1,000 pills, GTIN A, arrives at the Buyer (R's) warehouse along with DSCSA
transaction data.
For internal operations, R optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Repackager (R)'s DC to Repackager's (R) Corp
Example shipment: 1 pallet containing 1 units of GTIN A which in this example represent 1 cases of GTIN A with
each case containing 4 LSUs
R's DC receives pallet, R's DC unpacks 1 case from pallet. R's DC does not unpack the 1 case and records
inferred receiving into inventory the 4 LSUs contained in the 1 case.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"

```



```

xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T18:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0374132.45912.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0374132.45902.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220031</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T18:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">1000 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">1000 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Repackager -->
        <VocabularyElement
id="urn:epc:id:sgln:0374132.45902.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1051 South Olympic Blvd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>

```

```

id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Repackager's DC-->
<VocabularyElement
id="urn:epc:id:sgln:0374132.45912.0">
id="urn:epcglobal:cbv:mda#name">GS1 Repackager DC</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">923 South Burnside Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Receiving pallet of 1 case ordered (SNs 110) -->
    <ObjectEvent>
      <eventTime>2023-04-01T17:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
      </epcList>
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:0374132.45912.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:0374132.45912.0</id>

```

```

        </bizLocation>
        <!-- 2 business documents: PO from buying Repackager, Delivery Document
created by MFG DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0374132459020:XYZPO624</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL936</bizTransaction>
            </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Repackager, Destination Location is
Repackager's DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0374132.45902.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0374132.45912.0</destination>
            </destinationList>
        </extension>
    </ObjectEvent>
    <!-- E2: Unpack the 1 case SNs 110 from pallet -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        </childEPCs>
        <action>DELETE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:0374132.45912.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:0374132.45912.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- Without unpacking, record inferred receiving into inventory of 4 Lowest Saleable
Units (LSUs) contained in 1 case -->
    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:49:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    </AggregationEvent>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0374132.45912.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0374132.45912.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## 2.2.9 Repackaging Scenario: 2\_2\_9\_3\_Repackaging\_Transformation

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.9.3 Repackaging Scenario: Transformation from GTIN A to GTIN B -->
<!--Use Case Example: The Repackager (R) previously acquired the original product (GTIN A) directly from the
Manufacturer and transforms it into a new package with a unique NDC with GTIN B.
(R) repackages 1 unit of 1,000 pills of GTIN A into 10 new units of 100 pills of GTIN B.

```

This example shows the EPCIS message sent by Repackager (R) to Repackager (R)'s DC  
 Repackager captures repackaging of 1 unit of 1,000 pills of GTIN A into 10 units of 100 pills of GTIN B with a  
 transformation event with bizStep of commissioning.

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-03T08:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0374132.45902.0</sbdh:Identifier>
            </sbdh:Sender>
            <sbdh:Receiver>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0374132.45912.0</sbdh:Identifier>
            </sbdh:Receiver>
        </sbdh:DocumentIdentification>

```

```

        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220032</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
03T08:45:16Z</sbdh:CreationDateAndTime>
    </sbdh:DocumentIdentification>
</sbdh:StandardBusinessDocumentHeader>
<extension>
    <EPCISMasterData>
        <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                <VocabularyElementList>
                    <!-- master data for lowest saleable unit -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">1000 pills</attribute>
                    </VocabularyElement>
                    <!-- master data for case -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">1000 pills</attribute>
                    </VocabularyElement>
                    <!-- master data for repackaged lowest saleable unit -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:0374132.057913.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">74132-579-13</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Celentia</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Repackager</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">100 pills</attribute>
        </VocabularyElement>
        <!-- master data for repackaged case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:0374132.157913.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">74132-579-13</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Celentia</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Repackager</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">100 pills</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
        <VocabularyElementList>
        <!-- Repackager -->
        <VocabularyElement
id="urn:epc:id:sgln:0374132.45902.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1051 South Olympic Blvd</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Repackager's DC-->
        <VocabularyElement
id="urn:epc:id:sgln:0374132.45912.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager DC</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">923 South Burnside Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Unpack Event 4 LSUs from case 110 -->
        <AggregationEvent>
            <eventTime>2023-04-03T05:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
            </childEPCs>
            <action>DELETE</action>
            <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:0374132.45902.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:0374132.45902.0</id>
            </bizLocation>
        </AggregationEvent>
        <!-- E2: Transformation Event from GTIN A to GTIN B -->
        <extension>
            <TransformationEvent>
                <eventTime>2023-04-03T06:45:16Z</eventTime>
                <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
                <inputEPCList>
                    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                </inputEPCList>
            </TransformationEvent>
        </extension>
    </EventList>
</EPCISBody>
</EPCIS>

```



```
<epc>urn:epc:id:sgtin:030001.0012345.13</epc>
<epc>urn:epc:id:sgtin:030001.0012345.14</epc>
</inputEPCList>
<outputEPCList>
  <epc>urn:epc:id:sgtin:0374132.057913.1001</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1002</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1003</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1004</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1005</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1006</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1007</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1008</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1009</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1010</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1011</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1012</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1013</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1014</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1015</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1016</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1017</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1018</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1019</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1020</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1021</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1022</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1023</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1024</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1025</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1026</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1027</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1028</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1029</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1030</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1031</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1032</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1033</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1034</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1035</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1036</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1037</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1038</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1039</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1040</epc>
</outputEPCList>
<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</bizLocation>
<ilmd>
  <cbvmda:lotNumber>R123</cbvmda:lotNumber>
```

```

                <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
                </TransformationEvent>
            </extension>
            <!-- E3: Commissioning events (10 cases) -->
            <ObjectEvent>
                <eventTime>2023-04-03T06:46:16Z</eventTime>
                <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
                <epcList>
                    <epc>urn:epc:id:sgtin:0374132.157913.110</epc>
                    <epc>urn:epc:id:sgtin:0374132.157913.111</epc>
                    <epc>urn:epc:id:sgtin:0374132.157913.121</epc>
                    <epc>urn:epc:id:sgtin:0374132.157913.131</epc>
                    <epc>urn:epc:id:sgtin:0374132.157913.141</epc>
                    <epc>urn:epc:id:sgtin:0374132.157913.151</epc>
                    <epc>urn:epc:id:sgtin:0374132.157913.161</epc>
                    <epc>urn:epc:id:sgtin:0374132.157913.171</epc>
                    <epc>urn:epc:id:sgtin:0374132.157913.181</epc>
                    <epc>urn:epc:id:sgtin:0374132.157913.191</epc>
                </epcList>
                <action>ADD</action>
                <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
                <disposition>urn:epcglobal:cbv:disp:active</disposition>
                <readPoint>
                    <id>urn:epc:id:sgln:0374132.45902.0</id>
                </readPoint>
                <bizLocation>
                    <id>urn:epc:id:sgln:0374132.45902.0</id>
                </bizLocation>
                <extension>
                    <ilmd>
                        <cbvmda:lotNumber>R123</cbvmda:lotNumber>
                        <cbvmda:itemExpirationDate>2025-03-

```

```

27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E4: Aggregation event (packing case1 SN 110 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-04-03T06:50:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:0374132.157913.110</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:0374132.057913.1001</epc>
                <epc>urn:epc:id:sgtin:0374132.057913.1002</epc>
                <epc>urn:epc:id:sgtin:0374132.057913.1003</epc>
                <epc>urn:epc:id:sgtin:0374132.057913.1004</epc>
            </childEPCs>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:0374132.45902.0</id>
            </readPoint>
            <bizLocation>

```

```

        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case2 SN 111 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-04-03T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.111</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1005</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1006</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1007</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1008</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E6: Aggregation event (packing case2 SN 121 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-04-03T06:52:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.121</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1009</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1010</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1011</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1012</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E7: Aggregation event (packing case2 SN 131 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-04-03T06:53:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.131</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1013</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1014</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1015</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1016</epc>
    </childEPCs>

```

```
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</bizLocation>
</AggregationEvent>
<!-- E8: Aggregation event (packing case2 SN 141 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:54:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.141</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1017</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1018</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1019</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1020</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E9: Aggregation event (packing case2 SN 151 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:55:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.151</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1021</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1022</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1023</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1024</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E10: Aggregation event (packing case2 SN 161 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:56:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
```

```

<parentID>urn:epc:id:sgtin:0374132.157913.161</parentID>
<childEPCs>
  <epc>urn:epc:id:sgtin:0374132.057913.1025</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1026</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1027</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1028</epc>
</childEPCs>
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</bizLocation>
</AggregationEvent>
<!-- E11: Aggregation event (packing case2 SN 171 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:57:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.171</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1029</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1030</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1031</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1032</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E12: Aggregation event (packing case2 SN 181 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:58:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.181</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1033</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1034</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1035</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1036</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>

```

```

        <id>urn:epc:id:sgln:0374132.45902.0</id>
      </bizLocation>
    </AggregationEvent>
  <!-- E13: Aggregation event (packing case2 SN 191 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-04-03T06:59:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.191</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:0374132.057913.1037</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1038</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1039</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1040</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
  </AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## 2.2.9 Repackaging Scenario: 2\_2\_9\_4\_ Repackaging\_SellerExch2

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.9.4 Repackaging Scenario: Seller Exchange2 -->
<!--Use Case Example: The Repackager (R) previously acquired the original product (GTIN A) directly from the
Manufacturer and transforms it into a new package with a unique NDC with GTIN B.
Seller (R) processes the order for 10 units, GTIN B, and provides Buyer (W) with DSCSA transaction data.
Repackager shares TI/TS for repackaged product to its downstream trading partners using object event with
bizStep of commissioning.
This example shows the EPCIS message sent by Repackager (R) to Wholesaler (W)
R sends EPCIS Commissioning, Packing, and Shipping data to W
Example shipment: 1 pallet containing 10 units of GTIN B which in this example represent 10 cases of GTIN B
with each case containing 4 LSUs and each LSU containing 100 pills.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0374132.45902.0</sbdh:Identifier>
        </sbdh:Sender>
        <sbdh:Receiver>

```

```

        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh: Identifier>
        </sbdh: Receiver>
        <sbdh: DocumentIdentification>
          <sbdh: Standard>EPCglobal</sbdh: Standard>
          <sbdh: TypeVersion>1.0</sbdh: TypeVersion>
          <sbdh: InstanceIdentifier>1100220033</sbdh: InstanceIdentifier>
          <sbdh: Type>Events</sbdh: Type>
          <sbdh: CreationDateAndTime>2023-04-
05T08:45:16Z</sbdh: CreationDateAndTime>
        </sbdh: DocumentIdentification>
      </sbdh: StandardBusinessDocumentHeader>
      <extension>
        <EPCISMasterData>
          <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
              <VocabularyElementList>
                <!-- master data for lowest saleable unit -->
                <VocabularyElement
id="urn:epc:idpat:sgtin:0374132.057913.*">
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">74132-579-13</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Celentia</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Repackager</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">100 pills</attribute>
                </VocabularyElement>
                <!-- master data for case -->
                <VocabularyElement
id="urn:epc:idpat:sgtin:0374132.157913.*">
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">74132-579-13</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Celentia</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Repackager</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">100 pills</attribute>
                </VocabularyElement>
              </VocabularyElementList>
            </Vocabulary>
          <Vocabulary type="urn:epcglobal:epcis:vtype:Location">

```

```

        <VocabularyElementList>
          <!-- Repackager -->
          <VocabularyElement
id="urn:epc:id:sgln:0374132.45902.0">
              <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1051 South Olympic Blvd</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
          </VocabularyElement>
          <!-- Repackager's DC-->
          <VocabularyElement
id="urn:epc:id:sgln:0374132.45912.0">
              <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager DC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">923 South Burnside Ave</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
          </VocabularyElement>
          <!-- Wholesaler -->
          <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
              <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
              <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
          </VocabularyElement>
          <!-- Wholesaler's DC-->

```



```

                                <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                </VocabularyList>
                                </EPCISMasterData>
                                </extension>
                                <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
                                <gs1ushc:dscsaTransactionStatement>
                                <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
                                <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
                                </gs1ushc:dscsaTransactionStatement>
                                </EPCISHeader>
                                <EPCISBody>
                                <EventList>
                                <!-- E1: Commissioning events (4 LSUs per case) -->
                                <ObjectEvent>
                                <eventTime>2023-04-03T06:45:16Z</eventTime>
                                <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
                                <epcList>
                                <epc>urn:epc:id:sgtin:0374132.057913.1001</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1002</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1003</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1004</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1005</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1006</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1007</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1008</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1009</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1010</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1011</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1012</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1013</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1014</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1015</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1016</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1017</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1018</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1019</epc>
                                <epc>urn:epc:id:sgtin:0374132.057913.1020</epc>

```

```

<epc>urn:epc:id:sgtin:0374132.057913.1021</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1022</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1023</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1024</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1025</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1026</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1027</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1028</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1029</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1030</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1031</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1032</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1033</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1034</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1035</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1036</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1037</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1038</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1039</epc>
<epc>urn:epc:id:sgtin:0374132.057913.1040</epc>
</epcList>
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</bizLocation>
<extension>
  <ilmd>
    <cbvmda:lotNumber>R123</cbvmda:lotNumber>
    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
  </ilmd>
</extension>
</ObjectEvent>
<!-- E2: Commissioning events (10 cases) -->
<ObjectEvent>
  <eventTime>2023-04-03T06:46:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:0374132.157913.110</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.111</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.121</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.131</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.141</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.151</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.161</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.171</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.181</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.191</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>

```

```

    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>R123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case1 SN 110 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-04-03T06:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:0374132.057913.1001</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1002</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1003</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1004</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E4: Aggregation event (packing case2 SN 111 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-04-03T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.111</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:0374132.057913.1005</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1006</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1007</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1008</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
  </AggregationEvent>

```

```

</AggregationEvent>
<!-- E5: Aggregation event (packing case3 SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1009</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1010</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1011</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1012</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E6: Aggregation event (packing case4 SN 131 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:53:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.131</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1013</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1014</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1015</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1016</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E7: Aggregation event (packing case5 SN 141 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:54:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.141</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1017</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1018</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1019</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1020</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>

```

```

    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
  </AggregationEvent>
<!-- E8: Aggregation event (packing case6 SN 151 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:55:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.151</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1021</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1022</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1023</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1024</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E9: Aggregation event (packing case7 SN 161 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:56:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.161</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1025</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1026</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1027</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1028</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E10: Aggregation event (packing case8 SN 171 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:57:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.171</parentID>
  <childEPCs>

```

```

        <epc>urn:epc:id:sgtin:0374132.057913.1029</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1030</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1031</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1032</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E11: Aggregation event (packing case9 SN 181 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-04-03T06:58:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.181</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1033</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1034</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1035</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1036</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E12: Aggregation event (packing case10 SN 191 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-04-03T06:59:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.191</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1037</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1038</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1039</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1040</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>

```

```

</AggregationEvent>
<!-- E13: Commissioning event (1 pallet of GTIN B) at the Repackager's DC -->
<ObjectEvent>
  <eventTime>2023-04-05T07:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:0374132.5658713579</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45912.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45912.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E14: Aggregation event (packing pallet with 10 cases) -->
<AggregationEvent>
  <eventTime>2023-04-05T07:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:0374132.5658713579</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.157913.110</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.111</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.121</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.131</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.141</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.151</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.161</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.171</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.181</epc>
    <epc>urn:epc:id:sgtin:0374132.157913.191</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45912.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45912.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E15: Shipping pallet of 1 case ordered -->
<ObjectEvent>
  <eventTime>2023-04-05T07:49:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:0374132.5658713579</epc>
  </epcList>
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
  <readPoint>

```

```

        <id>urn:epc:id:sgln:0374132.45912.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Wholesaler, Delivery Document
created by Repackager DC -->
    <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO596</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0374132459129:DEL271</bizTransaction>
    </bizTransactionList>
    <extension>
        <!-- Source Owning Party is Repackager, Source Location is Repackager's
DC -->
        <sourceList>
            <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0374132.45902.0</source>
            <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0374132.45912.0</source>
        </sourceList>
        <!-- Destination Owning Party is Wholesaler, Destination Location is
Wholesaler's DC -->
        <destinationList>
            <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
            <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
        </destinationList>
    </extension>
    <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
</ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.9 Repackaging Scenario: 2\\_2\\_9\\_5\\_Repackaging\\_BuyerReceive2](#)

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.9.5 Repackaging Scenario: Wholesaler (W) receives product into inventory. -->
<!--Use Case Example: Ten units, GTIN B, arrive at the Buyer (W's) warehouse along with DSCSA transaction
data.

```

For internal operations, W optionally records EPCIS Receiving and/or Unpacking data.

This example shows the EPCIS message sent internally by Wholesaler (W)'s DC to Wholesaler's (R) Corp Example shipment: 1 pallet containing 10 units of GTIN B which in this example represent 10 cases of GTIN B with each case containing 4 LSUs

W's DC receives pallet, W's DC unpacks 10 cases from pallet. W's DC does not unpack the 10 cases and records inferred receiving into inventory the 40 LSUs contained in 10 cases.

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T18:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>

```



```

    <sbdh: Sender>
      <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:039999.345678.0</sbdh: Identifier>
      </sbdh: Sender>
      <sbdh: Receiver>
        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh: Identifier>
        </sbdh: Receiver>
        <sbdh: DocumentIdentification>
          <sbdh: Standard>EPCglobal</sbdh: Standard>
          <sbdh: TypeVersion>1.0</sbdh: TypeVersion>
          <sbdh: InstanceIdentifier>1100220034</sbdh: InstanceIdentifier>
          <sbdh: Type>Events</sbdh: Type>
          <sbdh: CreationDateAndTime>2023-04-
05T18:45:16Z</sbdh: CreationDateAndTime>
        </sbdh: DocumentIdentification>
      </sbdh: StandardBusinessDocumentHeader>
      <extension>
        <EPCISMasterData>
          <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
              <VocabularyElementList>
                <!-- master data for lowest saleable unit -->
                <VocabularyElement
id="urn:epc:idpat:sgtin:0374132.057913.*">
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">74132-579-13</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Celentia</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Repackager</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">100 pills</attribute>
                </VocabularyElement>
                <!-- master data for case -->
                <VocabularyElement
id="urn:epc:idpat:sgtin:0374132.157913.*">
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">74132-579-13</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Celentia</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Repackager</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>

```

```

                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">100 pills</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
                                <VocabularyElementList>
                                <!-- Repackager -->
                                <VocabularyElement
id="urn:epc: id: sglIn: 0374132.45902.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1051 South Olympic Blvd</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Repackager's DC-->
                                <VocabularyElement
id="urn:epc: id: sglIn: 0374132.45912.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager DC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">923 South Burnside Ave</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Wholesaler -->
                                <VocabularyElement
id="urn:epc: id: sglIn: 039999.999999.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
                                <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>

```



```

                    <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
                    <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                    </VocabularyElement>
                    <!-- Wholesaler's DC-->
                    <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
                    <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
                    <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
                    <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
                    <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
                    <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
                    <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
                    <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                    </VocabularyElement>
                </VocabularyElementList>
            </Vocabulary>
        </VocabularyList>
    </EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Receiving pallet of 1 case ordered (SNs 110) -->
        <ObjectEvent>
            <eventTime>2023-04-05T17:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sscc:0374132.5658713579</epc>
            </epcList>
            <action>OBSERVE</action>
            <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:039999.345678.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:039999.345678.0</id>
            </bizLocation>
            <!-- 2 business documents: PO from buying Wholesaler, Delivery Document
created by Repackager DC -->
            <bizTransactionList>
```

```

        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO596</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0374132459129:DEL271</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is Repackager, Source Location is Repackager's
DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0374132.45902.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0374132.45912.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler, Destination Location is
Wholesaler's DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
            </destinationList>
        </extension>
    </ObjectEvent>
    <!-- E2: Unpack 10 cases from pallet -->
    <AggregationEvent>
        <eventTime>2023-04-05T17:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:0374132.5658713579</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:0374132.157913.110</epc>
            <epc>urn:epc:id:sgtin:0374132.157913.111</epc>
            <epc>urn:epc:id:sgtin:0374132.157913.121</epc>
            <epc>urn:epc:id:sgtin:0374132.157913.131</epc>
            <epc>urn:epc:id:sgtin:0374132.157913.141</epc>
            <epc>urn:epc:id:sgtin:0374132.157913.151</epc>
            <epc>urn:epc:id:sgtin:0374132.157913.161</epc>
            <epc>urn:epc:id:sgtin:0374132.157913.171</epc>
            <epc>urn:epc:id:sgtin:0374132.157913.181</epc>
            <epc>urn:epc:id:sgtin:0374132.157913.191</epc>
        </childEPCs>
        <action>DELETE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- Without unpacking, record inferred receiving into inventory of 4 Lowest Saleable
Units (LSUs) contained in 1 case -->
    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
    <AggregationEvent>

```

```

<eventTime>2023-04-05T17:49:16Z</eventTime>
<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<parentID>urn:epc:id:sgtin:0374132.157913.110</parentID>
<childEPCs>
  <epc>urn:epc:id:sgtin:0374132.057913.1001</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1002</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1003</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1004</epc>
</childEPCs>
<!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</bizLocation>
<!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
  <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
<!-- Without unpacking, record inferred receiving into inventory of 4 Lowest Saleable
Units (LSUs) contained in 1 case -->
<!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
<AggregationEvent>
  <eventTime>2023-04-05T17:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1005</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1006</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1007</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1008</epc>
  </childEPCs>
  <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </bizLocation>
  <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information

```

(e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->

```

    <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
  </AggregationEvent>
  <!-- Without unpacking, record inferred receiving into inventory of 4 Lowest Saleable
Units (LSUs) contained in 1 case -->
  <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-05T17:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.121</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:0374132.057913.1009</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1010</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1011</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1012</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
    <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
  </AggregationEvent>
  <!-- E6: Capture receipt of 4 LSUs inferred to be contained in case SN 131 using
Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-05T17:52:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.131</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:0374132.057913.1013</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1014</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1015</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1016</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>

```

```

        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E7: Capture receipt of 4 LSUs inferred to be contained in case SN 141 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-05T17:53:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:0374132.157913.141</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:0374132.057913.1017</epc>
            <epc>urn:epc:id:sgtin:0374132.057913.1018</epc>
            <epc>urn:epc:id:sgtin:0374132.057913.1019</epc>
            <epc>urn:epc:id:sgtin:0374132.057913.1020</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
        <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E8: Capture receipt of 4 LSUs inferred to be contained in case SN 151 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-05T17:54:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:0374132.157913.151</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:0374132.057913.1021</epc>
            <epc>urn:epc:id:sgtin:0374132.057913.1022</epc>
            <epc>urn:epc:id:sgtin:0374132.057913.1023</epc>
            <epc>urn:epc:id:sgtin:0374132.057913.1024</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
      <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E9: Capture receipt of 4 LSUs inferred to be contained in case SN 161 using
Aggregation event -->
    <AggregationEvent>
      <eventTime>2023-04-05T17:55:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <parentID>urn:epc:id:sgtin:0374132.157913.161</parentID>
      <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1025</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1026</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1027</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1028</epc>
      </childEPCs>
      <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
      </bizLocation>
      <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
      </AggregationEvent>
      <!-- E10: Capture receipt of 4 LSUs inferred to be contained in case SN 171 using
Aggregation event -->
      <AggregationEvent>
        <eventTime>2023-04-05T17:56:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:0374132.157913.171</parentID>
        <childEPCs>
          <epc>urn:epc:id:sgtin:0374132.057913.1029</epc>
          <epc>urn:epc:id:sgtin:0374132.057913.1030</epc>
          <epc>urn:epc:id:sgtin:0374132.057913.1031</epc>
          <epc>urn:epc:id:sgtin:0374132.057913.1032</epc>
        </childEPCs>

```



```

what is being received -->
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
    indicate the inferred integrity of that aggregation
    (without unpacking the aggregated children from the parent) on the basis of aggregation
    information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
    <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
  </AggregationEvent>
  <!-- E11: Capture receipt of 4 LSUs inferred to be contained in case SN 181 using
  Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-05T17:57:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.181</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:0374132.057913.1033</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1034</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1035</epc>
      <epc>urn:epc:id:sgtin:0374132.057913.1036</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
    what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
    indicate the inferred integrity of that aggregation
    (without unpacking the aggregated children from the parent) on the basis of aggregation
    information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
    <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
  </AggregationEvent>
  <!-- E12: Capture receipt of 4 LSUs inferred to be contained in case SN 191 using
  Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-05T17:58:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.191</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:0374132.057913.1037</epc>
  
```

```

        <epc>urn:epc:id:sgtin:0374132.057913.1038</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1039</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1040</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
        (without unpacking the aggregated children from the parent) on the basis of aggregation
information
        (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### **2.2.9 Repackaging Scenario: 2\_2\_9\_6\_Repackaging\_SellerExch3**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.9.6 Repackaging Scenario: Seller Exchange3 -->
<!--Use Case Example: The Repackager (R) previously acquired the original product (GTIN A) directly from the
Manufacturer and transforms it into a new package with a unique NDC with GTIN B.

```

Note that Repackager initiated sharing of TI/TS for repackaged product to its downstream trading partners using object event with bizStep of commissioning.

Seller (W) prepares shipment and provides Buyer (D) with DSCSA transaction data.

This example shows the EPCIS message sent by Wholesaler (W) to Dispenser (D)

W sends R-provided EPCIS Commissioning and Packing data along with W-generated EPCIS Commissioning (SSCC), Packing, and Shipping data to D.

- Set directPurchase @qualifier to ENTIRELY\_DIRECT in the Shipping data.
- Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from R.
- Include directPurchaseStatement.

Example shipment: 1 pallet containing 10 units of GTIN B which in this example represent 10 cases of GTIN B with each case containing 4 LSUs and each LSU containing 100 pills.

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-07T08:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>

```

```

        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh: Identifier>
        </sbdh: Sender>
        <sbdh: Receiver>
        <sbdh: Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh: Identifier>
        </sbdh: Receiver>
        <sbdh: DocumentIdentification>
        <sbdh: Standard>EPCglobal</sbdh: Standard>
        <sbdh: TypeVersion>1.0</sbdh: TypeVersion>
        <sbdh: InstanceIdentifier>1100220035</sbdh: InstanceIdentifier>
        <sbdh: Type>Events</sbdh: Type>
        <sbdh: CreationDateAndTime>2023-04-
07T08:45:16Z</sbdh: CreationDateAndTime>
        </sbdh: DocumentIdentification>
</sbdh: StandardBusinessDocumentHeader>
<extension>
    <EPCISMasterData>
        <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                <VocabularyElementList>
                    <!-- master data for lowest saleable unit -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:0374132.057913.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">74132-579-13</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Celentia</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Repackager</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">100 pills</attribute>
                    </VocabularyElement>
                    <!-- master data for case -->
                    <VocabularyElement
id="urn:epc:idpat:sgtin:0374132.157913.*">
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">74132-579-13</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Celentia</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Repackager</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">100 pills</attribute>

```

```

        </VocabularyElement>
      </VocabularyElementList>
    </Vocabulary>
    <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
      <VocabularyElementList>
        <!-- Repackager -->
        <VocabularyElement
id="urn:epc:id:sgln:0374132.45902.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Repackager</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1051 South Olympic Blvd</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#city">Tacoma</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#postalCode">98402</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
          <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler's DC -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Dispenser -->
        <VocabularyElement
id="urn:epc:id:sgln:084436921.567.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Dispenser Retail Store -->
        <VocabularyElement
id="urn:epc:id:sgln:084436921.568.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
        </extension>
        <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
        <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
        </gs1ushc:dscsaTransactionStatement>
        </EPCISHeader>
        <EPCISBody>
        <EventList>
        <!-- E1: Commissioning events (4 LSUs per case) -->
        <ObjectEvent>
        <eventTime>2023-04-03T06:45:16Z</eventTime>

```

```
<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<epcList>
  <epc>urn:epc:id:sgtin:0374132.057913.1001</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1002</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1003</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1004</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1005</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1006</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1007</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1008</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1009</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1010</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1011</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1012</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1013</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1014</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1015</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1016</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1017</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1018</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1019</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1020</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1021</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1022</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1023</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1024</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1025</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1026</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1027</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1028</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1029</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1030</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1031</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1032</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1033</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1034</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1035</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1036</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1037</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1038</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1039</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1040</epc>
</epcList>
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</bizLocation>
<extension>
  <ilmd>
    <cbvmda:lotNumber>R123</cbvmda:lotNumber>
```

```

                <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (10 cases) -->
        <ObjectEvent>
            <eventTime>2023-04-03T06:46:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:0374132.157913.110</epc>
                <epc>urn:epc:id:sgtin:0374132.157913.111</epc>
                <epc>urn:epc:id:sgtin:0374132.157913.121</epc>
                <epc>urn:epc:id:sgtin:0374132.157913.131</epc>
                <epc>urn:epc:id:sgtin:0374132.157913.141</epc>
                <epc>urn:epc:id:sgtin:0374132.157913.151</epc>
                <epc>urn:epc:id:sgtin:0374132.157913.161</epc>
                <epc>urn:epc:id:sgtin:0374132.157913.171</epc>
                <epc>urn:epc:id:sgtin:0374132.157913.181</epc>
                <epc>urn:epc:id:sgtin:0374132.157913.191</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:0374132.45902.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:0374132.45902.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>R123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-

```

```

27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E3: Aggregation event (packing case1 SN 110 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-04-03T06:50:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:0374132.157913.110</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:0374132.057913.1001</epc>
                <epc>urn:epc:id:sgtin:0374132.057913.1002</epc>
                <epc>urn:epc:id:sgtin:0374132.057913.1003</epc>
                <epc>urn:epc:id:sgtin:0374132.057913.1004</epc>
            </childEPCs>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:0374132.45902.0</id>
            </readPoint>
            <bizLocation>

```

```

        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case2 SN 111 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-04-03T06:51:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.111</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1005</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1006</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1007</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1008</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case2 SN 121 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-04-03T06:52:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.121</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1009</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1010</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1011</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1012</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E6: Aggregation event (packing case2 SN 131 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-04-03T06:53:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.131</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1013</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1014</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1015</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1016</epc>
    </childEPCs>

```



```

<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</bizLocation>
</AggregationEvent>
<!-- E7: Aggregation event (packing case2 SN 141 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:54:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.141</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1017</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1018</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1019</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1020</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E8: Aggregation event (packing case2 SN 151 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:55:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.151</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1021</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1022</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1023</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1024</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E9: Aggregation event (packing case2 SN 161 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:56:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>

```

```

<parentID>urn:epc:id:sgtin:0374132.157913.161</parentID>
<childEPCs>
  <epc>urn:epc:id:sgtin:0374132.057913.1025</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1026</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1027</epc>
  <epc>urn:epc:id:sgtin:0374132.057913.1028</epc>
</childEPCs>
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:0374132.45902.0</id>
</bizLocation>
</AggregationEvent>
<!-- E10: Aggregation event (packing case2 SN 171 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:57:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.171</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1029</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1030</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1031</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1032</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E11: Aggregation event (packing case2 SN 181 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-04-03T06:58:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:0374132.157913.181</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:0374132.057913.1033</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1034</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1035</epc>
    <epc>urn:epc:id:sgtin:0374132.057913.1036</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0374132.45902.0</id>
  </readPoint>
  <bizLocation>

```

```

        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E12: Aggregation event (packing case2 SN 191 with 4 LSUs) -->
<AggregationEvent>
    <eventTime>2023-04-03T06:59:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:0374132.157913.191</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.057913.1037</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1038</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1039</epc>
        <epc>urn:epc:id:sgtin:0374132.057913.1040</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0374132.45902.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E13: Commissioning event (1 pallet of GTIN B) at the Repackager's DC -->
<ObjectEvent>
    <eventTime>2023-04-07T07:47:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
</ObjectEvent>
<!-- E14: Aggregation event (packing pallet with 10 cases) -->
<AggregationEvent>
    <eventTime>2023-04-07T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:0374132.157913.110</epc>
        <epc>urn:epc:id:sgtin:0374132.157913.111</epc>
        <epc>urn:epc:id:sgtin:0374132.157913.121</epc>
        <epc>urn:epc:id:sgtin:0374132.157913.131</epc>
        <epc>urn:epc:id:sgtin:0374132.157913.141</epc>
        <epc>urn:epc:id:sgtin:0374132.157913.151</epc>
        <epc>urn:epc:id:sgtin:0374132.157913.161</epc>
        <epc>urn:epc:id:sgtin:0374132.157913.171</epc>
        <epc>urn:epc:id:sgtin:0374132.157913.181</epc>
    </childEPCs>

```

```

        <epc>urn:epc:id:sgtin:0374132.157913.191</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E15: Shipping pallet of 1 case ordered -->
<ObjectEvent>
    <eventTime>2023-04-07T07:49:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Dispenser, Delivery Document
created by Wholesaler's DC -->
    <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO387</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL579</bizTransaction>
    </bizTransactionList>
    <extension>
        <!-- Source Owning Party is Wholesaler, Source Location is Wholesaler's
DC -->
        <sourceList>
            <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
            <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
        </sourceList>
        <!-- Destination Owning Party is Dispenser, Destination Location is
Dispenser Retail Store -->
        <destinationList>
            <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
            <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
        </destinationList>
    </extension>
    <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W
from MFG.
    Include directPurchaseStatement.

```

```
-->
    <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
      <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
    </gs1ushc:directPurchase>
  </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>
```

### 2.2.10 340B Program Scenario: 2\_2\_10\_1\_340B\_SellerExch1

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.10.1 340B Scenario: Seller Exchange1 -->
<!--Use Case Example: Seller (MFG) processes the order for 3 units and provides Buyer (W) with DSCSA
transaction data.
This example shows the EPCIS message sent by Manufacturer (MFG) to WholesalerDistributor (W)
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
      </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
      </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220036</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T08:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
            </VocabularyElementList>
          </Vocabulary>
        </VocabularyList>
      </EPCISMasterData>
    </extension>
  </EPCISHeader>
  <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
    <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
  </gs1ushc:directPurchase>
</EPCISBody>
</epcis:EPCISDocument>
```

```

        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        </VocabularyElementList>
    </Vocabulary>
    <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
        <VocabularyElementList>
            <!-- MFG -->
            <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
            <!-- MFG DC-->

```

```

                                <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Wholesaler (W) -->
                                <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
                                <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Wholesaler (W)'s DC-->
                                <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                </VocabularyList>

```

```

        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:46:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
                <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
                <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
            </epcList>
            <action>ADD</action>

```



```

<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
<extension>
  <ilmd>
    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
  </ilmd>
</extension>
</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>

```

```

        </bizLocation>
    </AggregationEvent>
    <!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:52:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E6: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
    <ObjectEvent>
        <eventTime>2023-04-01T06:47:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </ObjectEvent>
    <!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
    <AggregationEvent>
        <eventTime>2023-04-01T06:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
    </AggregationEvent>

```

```

        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E8: Shipping pallet of 3 cases ordered -->
    <ObjectEvent>
        <eventTime>2023-04-01T07:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <!-- 2 business documents: PO from buying Wholesaler (W), Delivery Document
created by MFG DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO642</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL916</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W), Destination Location is
Wholesaler (W)'s DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>false</gs1ushc:dropShipment>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### **2.2.10 340B Program Scenario: 2\_2\_10\_2\_340B\_Receive1**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.10.2 340B Scenario: Buyer (W) Receives Product into inventory -->
<!--Use Case Example: Three units arrive at the Buyer (W's) warehouse along with DSCSA transaction data.
For internal operations, W optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesaler (W)'s DC to Wholesaler (W) Corp

```

Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

W's DC receives pallet, W's DC unpacks 3 cases from pallet. W's DC does not unpack the 3 cases and records inferred receiving into inventory the 12 LSUs contained in the 3 cases.

-->

```
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T18:45:16Z">
```

```
<EPCISHeader>
```

```
<sbdh:StandardBusinessDocumentHeader>
```

```
<sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
```

```
<sbdh:Sender>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:039999.345678.0</sbdh:Identifier>
```

```
</sbdh:Sender>
```

```
<sbdh:Receiver>
```

```
<sbdh:Identifier
```

```
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
```

```
</sbdh:Receiver>
```

```
<sbdh:DocumentIdentification>
```

```
<sbdh:Standard>EPCglobal</sbdh:Standard>
```

```
<sbdh:TypeVersion>1.0</sbdh:TypeVersion>
```

```
<sbdh:InstanceIdentifier>1100220037</sbdh:InstanceIdentifier>
```

```
<sbdh:Type>Events</sbdh:Type>
```

```
<sbdh:CreationDateAndTime>2023-04-
```

```
01T18:45:16Z</sbdh:CreationDateAndTime>
```

```
</sbdh:DocumentIdentification>
```

```
</sbdh:StandardBusinessDocumentHeader>
```

```
<extension>
```

```
<EPCISMasterData>
```

```
<VocabularyList>
```

```
<Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
```

```
<VocabularyElementList>
```

```
<!-- master data for lowest saleable unit -->
```

```
<VocabularyElement
```

```
id="urn:epc:idpat:sgtin:030001.0012345.*">
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
```

```
<attribute
```

```
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
```

```
</VocabularyElement>
```

```
<!-- master data for case -->
```

```
<VocabularyElement
```

```
id="urn:epc:idpat:sgtin:030001.1012345.*">
```

```

        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</!-- Wholesaler (W) -->

```

```

                                <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
                                <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Wholesaler (W)'s DC-->
                                <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                </VocabularyList>
                                </EPCISMasterData>
                                </extension>
                                <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
                                <gs1ushc:dscsaTransactionStatement>
                                <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
                                <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
                                </gs1ushc:dscsaTransactionStatement>
                                </EPCISHeader>
                                <EPCISBody>
                                <EventList>
                                <!-- E1: Receiving pallet of 3 cases ordered (SNs 110, 111, 121) -->
                                <ObjectEvent>
                                <eventTime>2023-04-01T17:45:16Z</eventTime>
                                <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
                                <epcList>
                                <epc>urn:epc:id:sscc:030001.41234567890</epc>
                                </epcList>

```

```

<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:039999.345678.0</id>
</bizLocation>
<!-- 2 business documents: PO from buying Wholesaler (W), Delivery Document
created by MFG DC -->
  <bizTransactionList>
    <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:03999999999991:XYZPO642</bizTransaction>
    <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL916</bizTransaction>
  </bizTransactionList>
  <extension>
    <!-- Source Owning Party is MFG, Source Location is MFG DC -->
    <sourceList>
      <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
      <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
    </sourceList>
    <!-- Destination Owning Party is Wholesaler (W), Destination Location is
Wholesaler (W)'s DC -->
    <destinationList>
      <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
      <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
    </destinationList>
  </extension>
</ObjectEvent>
<!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
<AggregationEvent>
  <eventTime>2023-04-01T17:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>DELETE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </bizLocation>
</AggregationEvent>

```

```

    <!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
    <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
    <AggregationEvent>
      <eventTime>2023-04-01T17:49:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
      <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
      </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
    (without unpacking the aggregated children from the parent) on the basis of aggregation
information
    (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
    <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
  </AggregationEvent>
  <!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-01T17:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
  
```



```

        <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
        (without unpacking the aggregated children from the parent) on the basis of aggregation
information
        (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
    <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
    <AggregationEvent>
        <eventTime>2023-04-01T17:51:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
        </childEPCs>
        <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
        <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
        (without unpacking the aggregated children from the parent) on the basis of aggregation
information
        (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

## **2.2.10 340B Program Scenario: 2\_2\_10\_3\_340B\_SellerExch2**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.10.3 340B Scenario: Seller Exchange2 -->
<!--Use Case Example: Seller (W) prepares shipment and provides Buyer (D) with DSCSA transaction data.
This example shows the EPCIS message sent by Wholesaler (W) to Covered Entity (D).
Wholesaler (W) sells product to Covered Entity (D) under 340B program and ships product to Contract Pharmacy
(CRx), who has been designated as its agent by Covered Entity (D).
W sends relevant MFG-provided EPCIS Commissioning and Packing data along with W-generated EPCIS
Commissioning (SSCC), Packing, and Shipping data to Covered Entity (D).
• Set directPurchase @qualifier to ENTIRELY_DIRECT indicating the EPCs in the shipment have been directly
purchased.
• Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.

```

- Include directPurchaseStatement. Example: "Seller affirms that indicated product(s) were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced."

Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

-->

```
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-03T08:45:16Z">
```

```
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Sender>
        <sbdh:Receiver>
          <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh:Identifier>
          </sbdh:Receiver>
        <sbdh:DocumentIdentification>
          <sbdh:Standard>EPCglobal</sbdh:Standard>
          <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
          <sbdh:InstanceIdentifier>1100220038</sbdh:InstanceIdentifier>
          <sbdh:Type>Events</sbdh:Type>
          <sbdh:CreationDateAndTime>2023-04-
03T08:45:16Z</sbdh:CreationDateAndTime>
        </sbdh:DocumentIdentification>
      </sbdh:StandardBusinessDocumentHeader>
      <extension>
        <EPCISMasterData>
          <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
              <VocabularyElementList>
                <!-- master data for lowest saleable unit -->
                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                </VocabularyElement>
                <!-- master data for case -->
```

```

                                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
                                <VocabularyElementList>
                                <!-- MFG -->
                                <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                                </VocabularyElement>
                                <!-- Wholesaler (W) -->
                                <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
                                <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>

```

```

        </VocabularyElement>
        <!-- Wholesaler (W)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Dispenser (Covered Entity) -->
        <VocabularyElement
id="urn:epc:id:sgln:084436921.567.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp - Covered Entity</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Contract Pharmacy -->
        <VocabularyElement
id="urn:epc:id:sgln:065748042.319.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Contract Pharmacy1</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">847 Vermont Ave</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 550</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>

```

```

        </Vocabulary>
      </VocabularyList>
    </EPCISMasterData>
  </extension>
  <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
  <gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
  </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
      </epcList>
      <action>ADD</action>
      <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
      <disposition>urn:epcglobal:cbv:disp:active</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:030001.111111.0</id>
      </bizLocation>
      <extension>
        <ilmd>
          <cbvmda:lotNumber>A123</cbvmda:lotNumber>
          <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
        </ilmd>
      </extension>
    </ObjectEvent>
    <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:46:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>

```

```

</epcList>
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
<extension>
  <ilmd>
    <cbvmdata:lotNumber>A123</cbvmdata:lotNumber>
    <cbvmdata:itemExpirationDate>2025-03-
27</cbvmdata:itemExpirationDate>
  </ilmd>
</extension>
</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>

```

```

        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:52:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler DC -->
    <ObjectEvent>
        <eventTime>2023-04-03T06:47:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:039999.10246801357</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:039999.345678.0</id>
        </bizLocation>
    </ObjectEvent>
    <!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
    <AggregationEvent>
        <eventTime>2023-04-03T06:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>

```

```

        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
    <eventTime>2023-04-03T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Dispenser (Covered Entity), Delivery
Document created by Wholesaler DC -->
    <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO251</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL378</bizTransaction>
    </bizTransactionList>
    <extension>
        <!-- Source Owning Party is W, Source Location is W's DC -->
        <sourceList>
            <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
            <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
        </sourceList>
        <!-- Destination Owning Party is Dispenser (Covered Entity), Destination
Location is Contract Pharmacy -->
        <destinationList>
            <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
            <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:065748042.319.0</destination>
        </destinationList>
    </extension>
    <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W
from MFG.
Include directPurchaseStatement.
-->
        <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
            <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
        </gs1ushc:directPurchase>
    </ObjectEvent>

```



```

    </EventList>
  </EPCISBody>
</epcis:EPCISDocument>

```

## 2.2.10 340B Program Scenario: 2\_2\_10\_4\_340B\_SellerExch2\_CP

```
<?xml version="1.0" encoding="UTF-8"?>
```

<!-- Section 2.2.10.4 340B Scenario: Seller Exchange2: Wholesaler (W) conditionally provides TI/TS data to Contract Pharmacy (CRx) upon written agreement between Wholesaler (W) and Covered Entity (D). -->

<!--Use Case Example: Seller (W) prepares shipment and provides Buyer (D) with DSCSA transaction data. This example shows the EPCIS message sent by Wholesaler (W) to Contract Pharmacy (CRx).

The content of the EPCIS message sent by W to CRx is the same as the content sent by W to D except for CRx is the Receiver designated in the EPCIS SBDH header.

Wholesaler (W) sells product to Covered Entity (D) under 340B program and ships product to Contract Pharmacy (CRx), who has been designated as its agent by Covered Entity (D).

W sends relevant MFG-provided EPCIS Commissioning and Packing data along with W-generated EPCIS Commissioning (SSCC), Packing, and Shipping data to Covered Entity (D).

- Set directPurchase @qualifier to ENTIRELY\_DIRECT indicating the EPCs in the shipment have been directly purchased.
- Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W from MFG.
- Include directPurchaseStatement. Example: "Seller affirms that indicated product(s) were purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who purchased directly unless noted as being indirectly sourced."

Example shipment: 1 pallet case containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-03T08:46:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Sender>
        <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:065748042.319.0</sbdh:Identifier>
        </sbdh:Receiver>
        <sbdh:DocumentIdentification>
          <sbdh:Standard>EPCglobal</sbdh:Standard>
          <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
          <sbdh:InstanceIdentifier>1100220061</sbdh:InstanceIdentifier>
          <sbdh:Type>Events</sbdh:Type>
          <sbdh:CreationDateAndTime>2023-04-
03T08:46:16Z</sbdh:CreationDateAndTime>
        </sbdh:DocumentIdentification>
        </sbdh:StandardBusinessDocumentHeader>
      <extension>
        <EPCISMasterData>
        <VocabularyList>

```

```

    <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
      <VocabularyElementList>
        <!-- master data for lowest saleable unit -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
          <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
          <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
      </VocabularyElementList>
    </Vocabulary>
    <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
      <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
          <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
          <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Dispenser (Covered Entity) -->
        <VocabularyElement
id="urn:epc:id:sgln:084436921.567.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp - Covered Entity</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Contract Pharmacy -->
        <VocabularyElement
id="urn:epc: id: sgtin: 065748042.319.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Contract Pharmacy1</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">847 Vermont Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 550</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>
    </Vocabulary>
    </VocabularyList>
    </EPCISMasterData>
</extension>
<gs1ushc: guidelineVersion>GS1 US DSCSA R1.3</gs1ushc: guidelineVersion>
<gs1ushc: dscsaTransactionStatement>
    <gs1ushc: affirmTransactionStatement>true</gs1ushc: affirmTransactionStatement>
    <gs1ushc: legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc: legalNotice>
</gs1ushc: dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc: id: sgtin: 030001.0012345.11</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.12</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.13</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.14</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.15</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.16</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.17</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.18</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.19</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.20</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.21</epc>
                <epc>urn:epc: id: sgtin: 030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
  <ObjectEvent>
    <eventTime>2023-03-27T06:46:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>

```

```

        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:51:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:52:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E6: Commissioning event (1 pallet of GTIN A) at the Wholesaler DC -->
    <ObjectEvent>
        <eventTime>2023-04-03T06:47:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:039999.10246801357</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    
```

```

    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
  </ObjectEvent>
  <!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
  <AggregationEvent>
    <eventTime>2023-04-03T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:039999.10246801357</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E8: Shipping pallet of 3 cases ordered -->
  <ObjectEvent>
    <eventTime>2023-04-03T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:039999.10246801357</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Dispenser (Covered Entity), Delivery
Document created by Wholesaler DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO251</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL378</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is W, Source Location is W's DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>

```

```

        </sourceList>
        <!-- Destination Owning Party is Dispenser (Covered Entity), Destination
Location is Contract Pharmacy -->
        <destinationList>
            <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
            <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:065748042.319.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
        <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W to D is directly purchased by W
from MFG.
Include directPurchaseStatement.
-->
        <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
            <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
        </gs1ushc:directPurchase>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:](#)

#### **2\_2\_11\_1\_ElongatedSalesTxBet2Disp\_SellerExch1**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.11.1 Elongated Sales Transaction Between 2 Dispensers Scenario: Seller Exchange1 -->
<!--Use Case Example: Seller (MFG) processes the order from W1 for 2 units and provides Buyer (W1) with
DSCSA transaction data.

```

This elongated supply chain choreography scenario illustrates the end to end process of a shipment made to a secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary Wholesaler (W2), who was supplied Wholesaler (W1) who sourced both from the Manufacturer (MFG) and another wholesaler (W3). This illustrates the complex relationships between these different parties, showing how the products were sourced and how TI/TS data passed through multiple trading partners before reaching the end owner.

This example shows the EPCIS message sent by Manufacturer (MFG) to WholesalerDistributor (W1)  
 Example shipment: 1 pallet containing 2 units of GTIN A which in this example represent 2 cases of GTIN A with each case containing 4 LSUs

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T08:45:16Z">
    <EPCISHeader>

```



```

    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220039</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T08:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1) -->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>

```

```

id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W1's) DC-->
<VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Commissioning events (8 LSUs: 4 LSUs per case) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
      </epcList>
      <action>ADD</action>
      <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
      <disposition>urn:epcglobal:cbv:disp:active</disposition>

```

```

    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E2: Commissioning events (2 case SNs 110, 111) -->
  <ObjectEvent>
    <eventTime>2023-03-27T06:46:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
      <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </bizLocation>
    <extension>
      <ilmd>
        <cbvmda:lotNumber>A123</cbvmda:lotNumber>
        <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
      </ilmd>
    </extension>
  </ObjectEvent>
  <!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
  <AggregationEvent>
    <eventTime>2023-03-27T06:50:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
  </AggregationEvent>

```

```

        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:51:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E5: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
    <ObjectEvent>
        <eventTime>2023-04-01T06:47:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </ObjectEvent>
    <!-- E6: Aggregation event (packing pallet with 2 cases SNs 110, 111) -->
    <AggregationEvent>
        <eventTime>2023-04-01T06:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
            <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
    
```

```

        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </bizLocation>
    </AggregationEvent>
    <!-- E7: Shipping pallet of 2 cases ordered -->
    <ObjectEvent>
        <eventTime>2023-04-01T07:48:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sscc:030001.41234567890</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111121.0</id>
        </readPoint>
        <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by MFG DC -->
        <bizTransactionList>
            <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO832</bizTransaction>
            <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL356</bizTransaction>
        </bizTransactionList>
        <extension>
            <!-- Source Owning Party is MFG, Source Location is MFG DC -->
            <sourceList>
                <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
            </sourceList>
            <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
Wholesaler (W1's) DC -->
            <destinationList>
                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
            </destinationList>
        </extension>
        <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated](#)

[through an extended supply chain:](#)

**2\_2\_11\_2\_ElongatedSalesTxBet2Disp\_BuyerReceive1**

<?xml version="1.0" encoding="UTF-8"?>

<!-- Section 2.2.11.2 Elongated Sales Transaction Between 2 Dispensers Scenario: Wholesaler (W1) receives product into inventory. -->

<!--Use Case Example: Two units arrive at the Buyer (W1's) warehouse with DSCSA transaction data.

This elongated supply chain choreography scenario illustrates the end to end process of a shipment made to a secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary Wholesaler (W2), who was supplied Wholesaler (W1) who sourced both from the Manufacturer (MFG) and another wholesaler (W3). This illustrates the complex relationships between these different parties, showing how the products were sourced and how TI/TS data passed through multiple trading partners before reaching the end owner.

For internal operations, W1 optionally records EPCIS Receiving and/or Unpacking data.

This example shows the EPCIS message sent internally by Wholesaler (W1)'s DC to Wholesaler (W1) Corp

Example shipment: 1 pallet containing 2 units of GTIN A which in this example represent 2 cases of GTIN A with each case containing 4 LSUs

W1's DC receives pallet, W1's DC unpacks 2 cases from pallet.

W1's DC does not unpack the 2 cases and records inferred receiving into inventory the 8 LSUs contained in the 2 cases.

-->

```

<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T18:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5674.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220040</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T18:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->

```

```

                                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                                <!-- master data for case -->
                                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
                                <VocabularyElementList>
                                <!-- MFG -->
                                <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>

```



```

        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1) -->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
    </VocabularyElementList>

```

```

        </Vocabulary>
      </VocabularyList>
    </EPCISMasterData>
  </extension>
  <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
  <gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
  </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Receiving pallet of 2 cases ordered (SNs 110, 111) -->
    <ObjectEvent>
      <eventTime>2023-04-01T17:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sscc:030001.41234567890</epc>
      </epcList>
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
      </bizLocation>
      <!-- 2 business documents: PO from buying Wholesaler1, Delivery Document
created by MFG DC -->
      <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO832</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL356</bizTransaction>
      </bizTransactionList>
      <extension>
        <!-- Source Owning Party is MFG, Source Location is MFG DC -->
        <sourceList>
          <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
          <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
        </sourceList>
        <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
Wholesaler (W1's) DC -->
        <destinationList>
          <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
          <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
        </destinationList>
      </extension>
    </ObjectEvent>
    <!-- E2: Unpack the 2 cases SNs 110, 111 from pallet -->

```

```

<AggregationEvent>
  <eventTime>2023-04-01T17:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:030001.41234567890</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
  </childEPCs>
  <action>DELETE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </bizLocation>
</AggregationEvent>
<!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
<!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
<AggregationEvent>
  <eventTime>2023-04-01T17:49:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </bizLocation>
  <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
  (without unpacking the aggregated children from the parent) on the basis of aggregation
information
  (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
  <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
<!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
<AggregationEvent>
  <eventTime>2023-04-01T17:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>

```

```

    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
      (without unpacking the aggregated children from the parent) on the basis of aggregation
information
      (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
      <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
  </EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:](#)

#### **2\_2\_11\_3\_ElongatedSalesTxBet2Disp\_\_SellerExch2**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.11.3 Elongated Sales Transaction Between 2 Dispensers Scenario: Seller Exchange2 -->
<!--Use Case Example: Seller (MFG) processes the order from W3 for 1 unit and provides Buyer (W3) with
DSCSA transaction data.

```

This elongated supply chain choreography scenario illustrates the end to end process of a shipment made to a secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary Wholesaler (W2), who was supplied Wholesaler (W1) who sourced both from the Manufacturer (MFG) and another wholesaler (W3). This illustrates the complex relationships between these different parties, showing how the products were sourced and how TI/TS data passed through multiple trading partners before reaching the end owner.

This example shows the EPCIS message sent by Manufacturer (MFG) to WholesalerDistributor (W3)  
 Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with each case containing 4 LSUs.

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"

```

```

xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T09:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220041</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T09:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W3) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>

```

```

York</attribute>
id="urn:epcglobal:cbv:mda#state">NY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W3)'s DC-->
<VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
id="urn:epcglobal:cbv:mda#state">KY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
<gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
<gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
<EventList>
<!-- E1: Commissioning events (4 LSUs per case) -->
<ObjectEvent>
<eventTime>2023-03-27T06:45:16Z</eventTime>
<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<epcList>
<epc>urn:epc:id:sgtin:030001.0012345.19</epc>
<epc>urn:epc:id:sgtin:030001.0012345.20</epc>
<epc>urn:epc:id:sgtin:030001.0012345.21</epc>
<epc>urn:epc:id:sgtin:030001.0012345.22</epc>
</epcList>
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
<id>urn:epc:id:sgln:030001.111111.0</id>

```

```

        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
        <extension>
            <ilmd>
                <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
            </ilmd>
        </extension>
    </ObjectEvent>
    <!-- E2: Commissioning events (1 case SN 121) -->
    <ObjectEvent>
        <eventTime>2023-03-27T06:46:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <epcList>
            <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
        <extension>
            <ilmd>
                <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
            </ilmd>
        </extension>
    </ObjectEvent>
    <!-- E3: Aggregation event (packing case SN 121 with 4 LSUs) -->
    <AggregationEvent>
        <eventTime>2023-03-27T06:52:16Z</eventTime>
        <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
        <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
        <childEPCs>
            <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
            <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </readPoint>
        <bizLocation>
            <id>urn:epc:id:sgln:030001.111111.0</id>
        </bizLocation>
    </AggregationEvent>

```



```

</AggregationEvent>
<!-- E4: Commissioning event (1 pallet of GTIN A) at the MFG DC -->
<ObjectEvent>
  <eventTime>2023-04-01T08:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:030001.41234567842</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111121.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111121.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E5: Aggregation event (packing pallet with 1 case SNs 121) -->
<AggregationEvent>
  <eventTime>2023-04-01T08:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:030001.41234567842</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111121.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111121.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E6: Shipping pallet of 1 case ordered -->
<ObjectEvent>
  <eventTime>2023-04-01T08:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:030001.41234567842</epc>
  </epcList>
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111121.0</id>
  </readPoint>
  <!-- 2 business documents: PO from buying Wholesaler (W3), Delivery Document
created by MFG DC -->
  <bizTransactionList>
    <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO535</bizTransaction>
    <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL864</bizTransaction>

```

```

</bizTransactionList>
<extension>
  <!-- Source Owning Party is MFG, Source Location is MFG DC -->
  <sourceList>
    <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
    <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
  </sourceList>
  <!-- Destination Owning Party is Wholesaler (W3), Destination Location is
Wholesaler (W3's) DC -->
  <destinationList>
    <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
    <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
  </destinationList>
</extension>
<gs1ushc:dropShipment>false</gs1ushc:dropShipment>
</ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:](#)

#### **2\_2\_11\_4\_ElongatedSalesTxBet2Disp\_BuyerReceive2**

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.11.4 Elongated Sales Transaction Between 2 Dispensers Scenario: Wholesaler (W3) receives
product into inventory. -->
<!--Use Case Example: One unit arrives at Buyer (W3's) warehouse along with DSCSA transaction data.
For internal operations, W3 optionally records EPCIS Receiving and/or Unpacking data.
This elongated supply chain choreography scenario illustrates the end to end process of a shipment made to a
secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is
acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS
information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary
Wholesaler (W2), who was supplied Wholesaler (W1) who sourced both from the Manufacturer (MFG) and
another wholesaler (W3). This illustrates the complex relationships between these different parties, showing how
the products were sourced and how TI/TS data passed through multiple trading partners before reaching the end
owner.
```

This example shows the EPCIS message sent internally by Wholesaler (W3)'s DC to Wholesaler (W3) Corp  
 Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with  
 each case containing 4 LSUs  
 W3's DC receives pallet, W3's DC unpacks 1 case from pallet.  
 W3's DC does not unpack the 1 case and records inferred receiving into inventory the 4 LSUs contained in the 1  
 case.

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"

```

```

xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-01T19:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.345678.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220042</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
01T19:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- MFG DC-->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111121.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma DC</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">2806 Agoura Rd</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 500</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Westlake Village</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91361</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W3) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>

```

```

York</attribute>
id="urn:epcglobal:cbv:mda#state">NY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W3)'s DC-->
<VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
id="urn:epcglobal:cbv:mda#state">KY</attribute>
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
<gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
<gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
<EventList>
<!-- E1: Receiving pallet of 1 case ordered (SNs case 121) -->
<ObjectEvent>
<eventTime>2023-04-01T18:45:16Z</eventTime>
<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<epcList>
<epc>urn:epc:id:sscc:030001.41234567842</epc>
</epcList>
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
<id>urn:epc:id:sgln:039999.345678.0</id>
</readPoint>
<bizLocation>
<id>urn:epc:id:sgln:039999.345678.0</id>

```

```

    </bizLocation>
    <!-- 2 business documents: PO from buying Wholesaler (W3), Delivery Document
created by MFG DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:XYZPO535</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111215:DEL864</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is MFG, Source Location is MFG DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
      </sourceList>
      <!-- Destination Owning Party is Wholesaler (W3), Destination Location is
Wholesaler (W3's) DC -->
      <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
      </destinationList>
    </extension>
  </ObjectEvent>
  <!-- E2: Unpack the 1 case SN 121 from pallet -->
  <AggregationEvent>
    <eventTime>2023-04-01T18:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:030001.41234567842</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>DELETE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- Without unpacking, record inferred receiving into inventory of 4 Lowest Saleable
Units (LSUs) contained in 1 case -->
  <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
  <AggregationEvent>
    <eventTime>2023-04-01T18:49:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
      <epc>urn:epc:id:sgtin:030001.0012345.20</epc>

```

```

        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
    </childEPCs>
    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:039999.345678.0</id>
    </bizLocation>
    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
        (without unpacking the aggregated children from the parent) on the basis of aggregation
information
        (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

**[2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:](#)**  
**2\_2\_11\_5\_ElongatedSalesTxBet2Disp\_SellerExch3**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.11.5 Elongated Sales Transaction Between 2 Dispensers Scenario: Seller Exchange3 -->
<!--Use Case Example: Wholesaler (W3) sells directly purchased product to Wholesaler (W1).

```

This elongated supply chain choreography scenario illustrates the end to end process of a shipment made to a secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary Wholesaler (W2), who was supplied Wholesaler (W1) who sourced both from the Manufacturer (MFG) and another wholesaler (W3). This illustrates the complex relationships between these different parties, showing how the products were sourced and how TI/TS data passed through multiple trading partners before reaching the end owner.

This example shows the EPCIS message sent by Wholesaler (W3) to Wholesaler (W1). W3 sends MFG-provided EPCIS Commissioning and Packing data along with W3-generated logistics Commissioning (SSCC), Packing, and Shipping data to W1.

- Set directPurchase @qualifier to ENTIRELY\_DIRECT in the Shipping data.
- Omit indirectPurchaseEPCs since the entire shipment from W3 to W1 is directly purchased by W3 from MFG.
- Include directPurchaseStatement.

Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with each case containing 4 LSUs.

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"

```



```
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-03T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220043</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
03T08:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
```



```

        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1) -->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W3) -->
<VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Wholesaler (W3)'s DC-->
<VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>

```

```

    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (1 case SN 121) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:46:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>

```

```

</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Commissioning event (1 pallet of GTIN A) at the W3's DC -->
<ObjectEvent>
  <eventTime>2023-04-03T07:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:039999.10246801348</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E5: Aggregation event (packing pallet with 1 case SNs 121) -->
<AggregationEvent>
  <eventTime>2023-04-03T07:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:039999.10246801348</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </bizLocation>

```

```

</AggregationEvent>
<!-- E6: Shipping pallet of 1 case ordered -->
<ObjectEvent>
  <eventTime>2023-04-03T07:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:039999.10246801348</epc>
  </epcList>
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:039999.345678.0</id>
  </readPoint>
  <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by W3's DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO928</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL414</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is W3, Source Location is W3's DC. -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
      </sourceList>
      <!-- Destination Owning Party is Wholesaler (W1), Destination Location is
Wholesaler (W1's) DC -->
      <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
      </destinationList>
    </extension>
    <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    <!-- Set directPurchase @qualifier to ENTIRELY_DIRECT in the Shipping data.
Omit indirectPurchaseEPCs since the entire shipment from W3 to W1 is directly purchased by W3
from MFG.
    Include directPurchaseStatement.
-->
      <gs1ushc:directPurchase qualifier="ENTIRELY_DIRECT">
        <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
      </gs1ushc:directPurchase>
    </ObjectEvent>
  </EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

**2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:**

**2\_2\_11\_6\_ElongatedSalesTxBet2Disp\_BuyerReceive3**

<?xml version="1.0" encoding="UTF-8"?>

<!-- Section 2.2.11.6 Elongated Sales Transaction Between 2 Dispensers Scenario: Wholesaler (W1) receives product from W3 into inventory. -->

<!--Use Case Example: One unit arrives at the Buyer (W1's) warehouse along with DSCSA transaction data. For internal operations, W1 optionally records EPCIS Receiving and/or Unpacking data

This elongated supply chain choreography scenario illustrates the end to end process of a shipment made to a secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary Wholesaler (W2), who was supplied Wholesaler (W1) who sourced both from the Manufacturer (MFG) and another wholesaler (W3). This illustrates the complex relationships between these different parties, showing how the products were sourced and how TI/TS data passed through multiple trading partners before reaching the end owner.

This example shows the EPCIS message sent internally by Wholesaler (W1)'s DC to Wholesaler (W1) Corp

Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with each case containing 4 LSUs

W1's DC receives pallet, W1's DC unpacks 1 case from pallet.

W1's DC does not unpack the 1 case and records inferred receiving into inventory the 4 LSUs contained in the 1 case.

```
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-03T19:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5674.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220044</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
03T19:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
  <extension>
    <EPCISMasterData>
      <VocabularyList>
        <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
          <VocabularyElementList>
```

```

                                <!-- master data for lowest saleable unit -->
                                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                                <!-- master data for case -->
                                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                                </VocabularyElement>
                                </VocabularyElementList>
                                </Vocabulary>
                                <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
                                <VocabularyElementList>
                                <!-- Wholesaler (W1) -->
                                <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
                                <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W3) -->
        <VocabularyElement
id="urn:epc:id:sgln:039999.999999.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park Ave S</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Room 378</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">New
York</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">NY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">10003-1502</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W3)'s DC-->
        <VocabularyElement
id="urn:epc:id:sgln:039999.345678.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Drug Distributor Warehouse</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main St</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>

```



```

        </VocabularyElement>
      </VocabularyElementList>
    </Vocabulary>
  </VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc: guidelineVersion>GS1 US DSCSA R1.3</gs1ushc: guidelineVersion>
<gs1ushc: dscsaTransactionStatement>
  <gs1ushc: affirmTransactionStatement>true</gs1ushc: affirmTransactionStatement>
  <gs1ushc: legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc: legalNotice>
</gs1ushc: dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Receiving pallet of 1 case ordered (SNs case 121) -->
    <ObjectEvent>
      <eventTime>2023-04-03T18:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sscc:039999.10246801348</epc>
      </epcList>
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
      </bizLocation>
      <!-- 2 business documents: PO from buying Wholesaler (W1), Delivery Document
created by W3's DC -->
      <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0753942656780:XYZPO928</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0399993456780:DEL414</bizTransaction>
      </bizTransactionList>
      <extension>
        <!-- Source Owing Party is W3, Source Location is W3's DC -->
        <sourceList>
          <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</source>
          <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</source>
        </sourceList>
        <!-- Destination Owing Party is Wholesaler (W1), Destination Location is
Wholesaler (W1's) DC -->
        <destinationList>
          <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</destination>
          <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</destination>
        </destinationList>
      </extension>

```

```

</ObjectEvent>
<!-- E2: Unpack the 1 case SN 121 from pallet -->
<AggregationEvent>
  <eventTime>2023-04-03T18:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:039999.10246801348</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </childEPCs>
  <action>DELETE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </bizLocation>
</AggregationEvent>
<!-- Without unpacking, record inferred receiving into inventory of 4 Lowest Saleable
Units (LSUs) contained in 1 case. -->
<!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
<AggregationEvent>
  <eventTime>2023-04-03T18:49:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:07539426.5674.0</id>
  </bizLocation>
  <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
    <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
  </AggregationEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

**2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:**

**2\_2\_11\_7\_ElongatedSalesTxBet2Disp\_SellerExch4**

<?xml version="1.0" encoding="UTF-8"?>

<!-- Section 2.2.11.7 Elongated Sales Transaction Between 2 Dispensers Scenario: Seller Exchange4 -->

<!--Use Case Example: Seller (W1) processes the order from Buyer (W2) for 3 units and provides Buyer (W2) with DSCSA transaction data.

This elongated supply chain choreography scenario illustrates the end to end process of a shipment made to a secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary Wholesaler (W2), who was supplied Wholesaler (W1) who sourced both from the Manufacturer (MFG) and another wholesaler (W3). This illustrates the complex relationships between these different parties, showing how the products were sourced and how TI/TS data passed through multiple trading partners before reaching the end owner.

This example shows the EPCIS message sent by Wholesaler (W1) to WholesalerDistributor (W2) W1 sends relevant transaction MFG-provided and W3-provided EPCIS Commissioning and Packing data along with W1-generated logistics Commissioning (SSCC), Packing and Shipping data to W2.

- Set directPurchase @qualifier to PARTIALLY\_DIRECT in the Shipping data.
- Specify the 1 unit purchased by W1 from W3 as indirectPurchaseEPCs.
- Include directPurchaseStatement.
- Set receivedFromPrevDirectPurchase @qualifier to PARTIALLY\_DIRECT.
- Specify the 1 unit purchased by W1 from W3 as receivedFromPrevIndirectPurchaseEPCs.
- Include receivedDirectPurchaseFromPrevWhlsDistStatement.

Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

```
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:07539426.5678.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0246835.11339.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220045</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
05T08:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
  </EPCISHeader>
</epcis:EPCISDocument>
```

```

</sbdh:StandardBusinessDocumentHeader>
<extension>
  <EPCISMasterData>
    <VocabularyList>
      <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
        <VocabularyElementList>
          <!-- master data for lowest saleable unit -->
          <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
            </VocabularyElement>
          <!-- master data for case -->
          <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
            </VocabularyElement>
          </VocabularyElementList>
        </Vocabulary>
      <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
        <VocabularyElementList>
          <!-- MFG -->
          <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
              <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>

```

```

id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>      <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>              <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>         <attribute
                                                                </VocabularyElement>
                                                                <!-- Wholesaler (W1) -->
                                                                <VocabularyElement
id="urn:epc: id: sglIn: 07539426.5678.0">
                                                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>   <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute> <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute> <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>           <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>                <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>       <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>         <attribute
                                                                </VocabularyElement>
                                                                <!-- Wholesaler (W1's) DC-->
                                                                <VocabularyElement
id="urn:epc: id: sglIn: 07539426.5674.0">
                                                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute> <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute> <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute> <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>           <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>                <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>       <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>         <attribute
                                                                </VocabularyElement>
                                                                <!-- Wholesaler (W2) -->
                                                                <VocabularyElement
id="urn:epc: id: sglIn: 0246835.11339.0">
                                                                <attribute
id="urn:epcglobal:cbv:mda#name">GS1 WHLS Rural Channel</attribute> <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">178 Orange Ave</attribute> <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute> <attribute
id="urn:epcglobal:cbv:mda#city">Walla Walla</attribute>       <attribute

```

```

id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">99362</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W2's) DC-->
<VocabularyElement
id="urn:epc:id:sgln:0246835.11335.0">
id="urn:epcglobal:cbv:mda#name">GS1 WHLS Rural DC</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">200 Orange Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Unit B4</attribute>
id="urn:epcglobal:cbv:mda#city">Walla Walla</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">99362</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Commissioning events (8 LSUs: 4 LSUs per case) -->
    <ObjectEvent>
      <eventTime>2023-03-27T06:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
      </epcList>
    </ObjectEvent>
  </EventList>
</EPCISBody>
</EPCISHeader>

```

```

</epcList>
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
<extension>
  <ilmd>
    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
  </ilmd>
</extension>
</ObjectEvent>
<!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
<ObjectEvent>
  <eventTime>2023-03-27T06:46:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
  <extension>
    <ilmd>
      <cbvmda:lotNumber>A123</cbvmda:lotNumber>
      <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
    </ilmd>
  </extension>
</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>

```

```

<bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the W1's DC -->
<ObjectEvent>
  <eventTime>2023-04-05T06:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>

```



```

        <epc>urn:epc:id:sscc:07539426.235792468</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
    <eventTime>2023-04-05T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:07539426.235792468</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
    <eventTime>2023-04-05T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:07539426.235792468</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:07539426.5674.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Wholesaler (W2), Delivery Document
created by W1's DC -->
    <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0246835113397:XYZPO587</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0753942656742:DEL321</bizTransaction>
    </bizTransactionList>
    <extension>
        <!-- Source Owning Party is W1, Source Location is W1's DC -->
    </sourceList>

```

```

        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</source>
        </sourceList>
        <!-- Destination Owing Party is Wholesaler (W2), Destination Location is
Wholesaler (W2's) DC -->
        <destinationList>
            <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0246835.11339.0</destination>
            <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0246835.11335.0</destination>
        </destinationList>
        </extension>
        <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
        <gs1ushc:directPurchase qualifier="PARTIALLY_DIRECT">
            <!-- declare that case3 of Product A was purchased indirectly -->
            <indirectpurchaseEPCs>
                <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
            </indirectpurchaseEPCs>
            <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
            </gs1ushc:directPurchase>
            <gs1ushc:receivedDirectPurchaseFromPrevWhlsDist
qualifier="PARTIALLY_DIRECT">
                <prevReceivedinDirectPurchaseEPCs>
                    <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
                </prevReceivedinDirectPurchaseEPCs>
                <receivedDirectPurchaseFromPrevWhlsDistStatement>Seller affirms
receipt of directly purchased statement from previous wholesaler distributor for the indicated
product(s).</receivedDirectPurchaseFromPrevWhlsDistStatement>
            </gs1ushc:receivedDirectPurchaseFromPrevWhlsDist>
        </ObjectEvent>
    </EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

**[2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:](#)**

**2\_2\_11\_8\_ElongatedSalesTxBet2Disp\_\_BuyerReceive4**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.11.8 Elongated Sales Transaction Between 2 Dispensers Scenario: Buyer (W2) receives product
into inventory.
-->
<!--Use Case Example: Three units arrives at the Buyer (W2's) warehouse along with DSCSA transaction data.
For internal operations, W2 optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Wholesler (W2)'s DC to Wholesaler (W2) Corp
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
W2's DC receives pallet, W2's DC unpacks 3 cases from pallet. W2's DC does not unpack the 3 cases and records
inferred receiving into inventory the 12 LSUs contained in the 3 cases.

```

```
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-05T18:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0246835.11335.0</sbdh:Identifier>
        </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0246835.11339.0</sbdh:Identifier>
        </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220046</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
05T18:45:16Z</sbdh:CreationDateAndTime>
      </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
      <EPCISMasterData>
        <VocabularyList>
          <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
            <VocabularyElementList>
              <!-- master data for lowest saleable unit -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
              </VocabularyElement>
              <!-- master data for case -->
              <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
```



```

        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- Wholesaler (W1) -->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5678.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">100 Rainier Ave</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 300</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W1's) DC-->
        <VocabularyElement
id="urn:epc:id:sgln:07539426.5674.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Wholesaler1 Distribution Center</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">234 Beacon Ave S</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 200</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#city">Everett</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#postalCode">98201</attribute>
            <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:0246835.11339.0">
            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 WHLS Rural Channel</attribute>

```

```

        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">178 Orange Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Walla Walla</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">99362</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2's) DC-->
        </VocabularyElement>
id="urn:epc:id:sgln:0246835.11335.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 WHLS Rural DC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">200 Orange Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Unit B4</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Walla Walla</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">99362</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
    </extension>
    <gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
    <gs1ushc:dscsaTransactionStatement>
        <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
        <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
    </gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Receiving pallet of 3 cases ordered ( SNs 110, 111, 121 ) -->
        <ObjectEvent>
            <eventTime>2023-04-05T17:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sscc:07539426.235792468</epc>
            </epcList>
            <action>OBSERVE</action>
            <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>

```

```

        <id>urn:epc:id:sgln:0246835.11335.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0246835.11335.0</id>
    </bizLocation>
    <!-- 2 business documents: PO from buying Wholesaler (W2), Delivery Document
created by W1's DC -->
    <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0246835113397:XYZPO587</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0753942656742:DEL321</bizTransaction>
    </bizTransactionList>
    <extension>
        <!-- Source Owning Party is W1, Source Location is W1's DC -->
        <sourceList>
            <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:07539426.5678.0</source>
            <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:07539426.5674.0</source>
        </sourceList>
        <!-- Destination Owning Party is Wholesaler (W2), Destination Location is
Wholesaler (W2's) DC -->
        <destinationList>
            <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0246835.11339.0</destination>
            <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0246835.11335.0</destination>
        </destinationList>
    </extension>
</ObjectEvent>
<!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
<AggregationEvent>
    <eventTime>2023-04-05T17:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:07539426.235792468</parentID>
    <childEPCs>
        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>DELETE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0246835.11335.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0246835.11335.0</id>
    </bizLocation>
</AggregationEvent>
<!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
<!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
<AggregationEvent>

```

```

<eventTime>2023-04-05T17:49:16Z</eventTime>
<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
<childEPCs>
  <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
  <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
</childEPCs>
<!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:0246835.11335.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:0246835.11335.0</id>
</bizLocation>
<!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
(without unpacking the aggregated children from the parent) on the basis of aggregation
information
(e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
  <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
<!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using
Aggregation event -->
<AggregationEvent>
  <eventTime>2023-04-05T17:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
  <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
  <action>OBSERVE</action>
  <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0246835.11335.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0246835.11335.0</id>
  </bizLocation>
  <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information
(without unpacking the aggregated children from the parent) on the basis of aggregation
information
(e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
    <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>

```

```

    </AggregationEvent>
    <!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using
Aggregation event -->
    <AggregationEvent>
      <eventTime>2023-04-05T17:51:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
      <childEPCs>
        <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
        <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
      </childEPCs>
      <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:0246835.11335.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:0246835.11335.0</id>
      </bizLocation>
      <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
information (without unpacking the aggregated children from the parent) on the basis of aggregation
information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
      <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
    </AggregationEvent>
  </EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:](#)

#### **2\_2\_11\_9\_ElongatedSalesTxBet2Disp\_SellerExch5**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.11.9 Elongated Sales Transaction Between 2 Dispensers Scenario: Seller Exchange5 -->
<!--Use Case Example: Seller (W2) processes the order for 3 units and provides Buyer (D1) with DSCSA
transaction data.

```

This elongated supply chain choreography scenario illustrates the end to end process of a shipment made to a secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary Wholesaler (W2), who was supplied Wholesaler (W1) who sourced both from the Manufacturer (MFG) and another wholesaler (W3). This illustrates the complex relationships between these different parties, showing how the products were sourced and how TI/TS data passed through multiple trading partners before reaching the end owner.

This example shows the EPCIS message sent by Wholesaler (W2) to Dispenser (D1)



W2 sends relevant transaction MFG-provided, W3-provided, and W1-provided EPCIS Commissioning and Packing data along with W2-generated logistics Commissioning (SSCC), Packing and Shipping data to D1.

- Set directPurchase @qualifier to ENTIRELY\_INDIRECT in the Shipping data.
- indirectPurchaseEPCs are omitted because the full shipment was indirectly purchased
- Include directPurchaseStatement.
- Set receivedFromPrevDirectPurchase @qualifier to PARTIALLY\_DIRECT.
- Specify the 1 unit indirectly purchased by W2 from W1 as receivedFromPrevIndirectPurchaseEPCs.
- Include receivedDirectPurchaseFromPrevWhlsDistStatement.

Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with each case containing 4 LSUs

```
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-07T08:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:0246835.11339.0</sbdh:Identifier>
        </sbdh:Sender>
        <sbdh:Receiver>
          <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh:Identifier>
          </sbdh:Receiver>
        <sbdh:DocumentIdentification>
          <sbdh:Standard>EPCglobal</sbdh:Standard>
          <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
          <sbdh:InstanceIdentifier>1100220047</sbdh:InstanceIdentifier>
          <sbdh:Type>Events</sbdh:Type>
          <sbdh:CreationDateAndTime>2023-04-
07T08:45:16Z</sbdh:CreationDateAndTime>
        </sbdh:DocumentIdentification>
      </sbdh:StandardBusinessDocumentHeader>
      <extension>
        <EPCISMasterData>
          <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
              <VocabularyElementList>
                <!-- master data for lowest saleable unit -->
                <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                  <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                </VocabularyElementList>
              </Vocabulary>
            </VocabularyList>
          </EPCISMasterData>
        </extension>
      </EPCISHeader>
    </sbdh:StandardBusinessDocumentHeader>
  </EPCISDocument>
-->
```

```

        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
        <!-- master data for case -->
        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
        </VocabularyElement>
    </VocabularyElementList>
</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
    <VocabularyElementList>
        <!-- MFG -->
        <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        <!-- Wholesaler (W2) -->
        <VocabularyElement
id="urn:epc:id:sgln:0246835.11339.0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 WHLS Rural Channel</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">178 Orange Ave</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Walla Walla</attribute>

```

```

id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">99362</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W2's) DC-->
<VocabularyElement
id="urn:epc: id: sglIn: 0246835.11335.0">
id="urn:epcglobal:cbv:mda#name">GS1 WHLS Rural DC</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">200 Orange Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Unit B4</attribute>
id="urn:epcglobal:cbv:mda#city">Walla Walla</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">99362</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Dispenser (D1) -->
<VocabularyElement
id="urn:epc: id: sglIn: 084436921.567.0">
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Dispenser Retail Store (D1)'s DC -->
<VocabularyElement
id="urn:epc: id: sglIn: 084436921.568.0">
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>

```

```

                    <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
                    <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                </VocabularyElement>
            </VocabularyElementList>
        </Vocabulary>
    </VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (3 case SNs 110, 111, 121) -->
        <ObjectEvent>

```

```

<eventTime>2023-03-27T06:46:16Z</eventTime>
<eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
<epcList>
  <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
  <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
  <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
</epcList>
<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
<disposition>urn:epcglobal:cbv:disp:active</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
<extension>
  <ilmd>
    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
    <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
  </ilmd>
</extension>
</ObjectEvent>
<!-- E3: Aggregation event (packing case SN 110 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E4: Aggregation event (packing case SN 111 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>

```

```

<action>ADD</action>
<bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:030001.111111.0</id>
</bizLocation>
</AggregationEvent>
<!-- E5: Aggregation event (packing case SN 121 with 4 LSUs) -->
<AggregationEvent>
  <eventTime>2023-03-27T06:52:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
  <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:030001.111111.0</id>
  </bizLocation>
</AggregationEvent>
<!-- E6: Commissioning event (1 pallet of GTIN A) at the W2's DC -->
<ObjectEvent>
  <eventTime>2023-04-07T06:47:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <epcList>
    <epc>urn:epc:id:sscc:0246835.4210987654</epc>
  </epcList>
  <action>ADD</action>
  <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
  <disposition>urn:epcglobal:cbv:disp:active</disposition>
  <readPoint>
    <id>urn:epc:id:sgln:0246835.11335.0</id>
  </readPoint>
  <bizLocation>
    <id>urn:epc:id:sgln:0246835.11335.0</id>
  </bizLocation>
</ObjectEvent>
<!-- E7: Aggregation event (packing pallet with 3 cases SNs 110, 111, 121) -->
<AggregationEvent>
  <eventTime>2023-04-07T06:48:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sscc:0246835.4210987654</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
    <epc>urn:epc:id:sgtin:030001.1012345.111</epc>

```

```

        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0246835.11335.0</id>
    </readPoint>
    <bizLocation>
        <id>urn:epc:id:sgln:0246835.11335.0</id>
    </bizLocation>
</AggregationEvent>
<!-- E8: Shipping pallet of 3 cases ordered -->
<ObjectEvent>
    <eventTime>2023-04-07T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:0246835.4210987654</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:0246835.11335.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Dispenser (D1), Delivery Document
created by W2's DC -->
    <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO268</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0246835113359:DEL678</bizTransaction>
    </bizTransactionList>
    <extension>
        <!-- Source Owning Party is W2, Source Location is W2's DC -->
    <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0246835.11339.0</source>
        <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0246835.11335.0</source>
    </sourceList>
    <!-- Destination Owning Party is Dispenser (D1), Destination Location is
Dispenser (D1's) DC -->
    <destinationList>
        <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
        <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
    </destinationList>
    </extension>
    <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
    <gs1ushc:directPurchase qualifier="ENTIRELY_INDIRECT">
        <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
    </gs1ushc:directPurchase>

```

```

    <gs1ushc:receivedDirectPurchaseFromPrevWhlsDist
qualifier="PARTIALLY_DIRECT">
    <prevReceivedinDirectPurchaseEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </prevReceivedinDirectPurchaseEPCs>
    <receivedDirectPurchaseFromPrevWhlsDistStatement>Seller affirms
receipt of directly purchased statement from previous wholesaler distributor for the indicated
product(s).</receivedDirectPurchaseFromPrevWhlsDistStatement>
    </gs1ushc:receivedDirectPurchaseFromPrevWhlsDist>
  </ObjectEvent>
</EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

**2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:**

**2\_2\_11\_10\_ElongatedSalesTxBet2Disp\_\_BuyerReceive5**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.11.10 Elongated Sales Transaction Between 2 Dispensers Scenario: Dispenser (D1) receives
product into inventory.
-->
<!--Use Case Example: Three units arrive at the Buyer (D1's) warehouse along with DSCSA transaction data.
For internal operations, D1 optionally records EPCIS Receiving and/or Unpacking data.
This example shows the EPCIS message sent internally by Dispenser (D1)'s warehouse to Dispenser (D1) Corp
Example shipment: 1 pallet containing 3 units of GTIN A which in this example represent 3 cases of GTIN A with
each case containing 4 LSUs
D1's DC receives pallet, D1's DC unpacks 3 cases from pallet. D1's DC does not unpack the 3 cases and records
inferred receiving into inventory the 12 LSUs contained in the 3 cases.
-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-07T18:45:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.568.0</sbdh:Identifier>
      </sbdh:Sender>
      <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh:Identifier>
      </sbdh:Receiver>
      <sbdh:DocumentIdentification>
        <sbdh:Standard>EPCglobal</sbdh:Standard>
        <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
        <sbdh:InstanceIdentifier>1100220048</sbdh:InstanceIdentifier>
        <sbdh:Type>Events</sbdh:Type>
        <sbdh:CreationDateAndTime>2023-04-
07T18:45:16Z</sbdh:CreationDateAndTime>

```



```

        </sbdh:DocumentIdentification>
    </sbdh:StandardBusinessDocumentHeader>
    <extension>
        <EPCISMasterData>
            <VocabularyList>
                <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
                    <VocabularyElementList>
                        <!-- master data for lowest saleable unit -->
                        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
                            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                            </VocabularyElement>
                        <!-- master data for case -->
                        <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
                            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
                            </VocabularyElement>
                        </VocabularyElementList>
                    </Vocabulary>
                <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
                    <VocabularyElementList>
                        <!-- Wholesaler (W2) -->
                        <VocabularyElement
id="urn:epc:id:sgln:0246835.11339.0">
                            <attribute
id="urn:epcglobal:cbv:mda#name">GS1 WHLS Rural Channel</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">178 Orange Ave</attribute>
                            <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>

```

```

id="urn:epcglobal:cbv:mda#city">Walla Walla</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">99362</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler (W2's) DC-->
<VocabularyElement
id="urn:epc:id:sgln:0246835.11335.0">
id="urn:epcglobal:cbv:mda#name">GS1 WHLS Rural DC</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">200 Orange Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Unit B4</attribute>
id="urn:epcglobal:cbv:mda#city">Walla Walla</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">99362</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Dispenser (D1) -->
<VocabularyElement
id="urn:epc:id:sgln:084436921.567.0">
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Dispenser Retail Store (D1)'s DC -->
<VocabularyElement
id="urn:epc:id:sgln:084436921.568.0">
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>

```

```

id="urn:epcglobal:cbv:mda#state">WA</attribute>
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
  <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
  <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
  <EventList>
    <!-- E1: Receiving pallet of 3 cases ordered ( SNs 110, 111, 121 ) -->
    <ObjectEvent>
      <eventTime>2023-04-07T17:45:16Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sscc:0246835.4210987654</epc>
      </epcList>
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:084436921.568.0</id>
      </readPoint>
      <bizLocation>
        <id>urn:epc:id:sgln:084436921.568.0</id>
      </bizLocation>
      <!-- 2 business documents: PO from buying Dispenser (D1), Delivery Document
created by W2's DC -->
      <bizTransactionList>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0844369215671:XYZPO268</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0246835113359:DEL678</bizTransaction>
      </bizTransactionList>
      <extension>
        <!-- Source Owning Party is W2, Source Location is W2's DC -->
        <sourceList>
          <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0246835.11339.0</source>
          <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:0246835.11335.0</source>
        </sourceList>
        <!-- Destination Owning Party is Dispenser (D1), Destination Location is
Dispenser (D1's) DC -->
      <destinationList>

```

```

                                <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</destination>
                                <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</destination>
                                </destinationList>
                                </extension>
                                </ObjectEvent>
                                <!-- E2: Unpack the 3 cases SNs 110, 111, 121 from pallet -->
                                <AggregationEvent>
                                    <eventTime>2023-04-07T17:48:16Z</eventTime>
                                    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
                                    <parentID>urn:epc:id:sscc:0246835.4210987654</parentID>
                                    <childEPCs>
                                        <epc>urn:epc:id:sgtin:030001.1012345.110</epc>
                                        <epc>urn:epc:id:sgtin:030001.1012345.111</epc>
                                        <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
                                    </childEPCs>
                                    <action>DELETE</action>
                                    <bizStep>urn:epcglobal:cbv:bizstep:unpacking</bizStep>
                                    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
                                    <readPoint>
                                        <id>urn:epc:id:sgln:084436921.568.0</id>
                                    </readPoint>
                                    <bizLocation>
                                        <id>urn:epc:id:sgln:084436921.568.0</id>
                                    </bizLocation>
                                </AggregationEvent>
                                <!-- Without unpacking, record inferred receiving into inventory of 12 Lowest Saleable
Units (LSUs) contained in 3 cases -->
                                <!-- E3: Capture receipt of 4 LSUs inferred to be contained in case SN 110 using
Aggregation event -->
                                <AggregationEvent>
                                    <eventTime>2023-04-07T17:49:16Z</eventTime>
                                    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
                                    <parentID>urn:epc:id:sgtin:030001.1012345.110</parentID>
                                    <childEPCs>
                                        <epc>urn:epc:id:sgtin:030001.0012345.11</epc>
                                        <epc>urn:epc:id:sgtin:030001.0012345.12</epc>
                                        <epc>urn:epc:id:sgtin:030001.0012345.13</epc>
                                        <epc>urn:epc:id:sgtin:030001.0012345.14</epc>
                                    </childEPCs>
                                    <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect
what is being received -->
                                    <action>OBSERVE</action>
                                    <bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
                                    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
                                    <readPoint>
                                        <id>urn:epc:id:sgln:084436921.568.0</id>
                                    </readPoint>
                                    <bizLocation>
                                        <id>urn:epc:id:sgln:084436921.568.0</id>
                                    </bizLocation>
                                    <!-- Note the use of GS1 US extension element, completeness_inferred, to
indicate the inferred integrity of that aggregation
                                (without unpacking the aggregated children from the parent) on the basis of aggregation
information

```

(e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->  
 <gs1ushc:completeness\_inferred>true</gs1ushc:completeness\_inferred>  
 </AggregationEvent>

Aggregation event -->  
 <!-- E4: Capture receipt of 4 LSUs inferred to be contained in case SN 111 using

```
<AggregationEvent>
  <eventTime>2023-04-07T17:50:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.111</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.15</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.16</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.17</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.18</epc>
  </childEPCs>
```

what is being received -->  
 <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect

```
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:084436921.568.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:084436921.568.0</id>
</bizLocation>
```

indicate the inferred integrity of that aggregation  
 information (without unpacking the aggregated children from the parent) on the basis of aggregation  
 information (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->

```
<gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
</AggregationEvent>
<!-- E5: Capture receipt of 4 LSUs inferred to be contained in case SN 121 using

```

Aggregation event -->

```
<AggregationEvent>
  <eventTime>2023-04-07T17:51:16Z</eventTime>
  <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
  <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
  <childEPCs>
    <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
    <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
  </childEPCs>
```

what is being received -->  
 <!-- Populate with action=OBSERVE since the Aggregation Event is used to reflect

```
<action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:receiving</bizStep>
<disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
<readPoint>
  <id>urn:epc:id:sgln:084436921.568.0</id>
</readPoint>
<bizLocation>
  <id>urn:epc:id:sgln:084436921.568.0</id>
</bizLocation>
```

```

        <!-- Note the use of GS1 US extension element, completeness_inferred, to
        indicate the inferred integrity of that aggregation
        (without unpacking the aggregated children from the parent) on the basis of aggregation
        information
        (e.g., earlier EPCIS packing event data) provided by an upstream supplier. -->
        <gs1ushc:completeness_inferred>true</gs1ushc:completeness_inferred>
        </AggregationEvent>
        </EventList>
    </EPCISBody>
</epcis:EPCISDocument>

```

### [2.2.11 Sales Transaction between 2 Dispensers: Seller is a Dispenser who is acting as a wholesaler and Buyer is another Dispenser demonstrated through an extended supply chain:](#)

#### **2\_2\_11\_11\_ElongatedSalesTxBet2Disp\_SellerExch6**

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Section 2.2.11.11 Elongated Sales Transaction Between 2 Dispensers Scenario: Seller Exchange6 -->
<!--Use Case Example: Seller (D1) processes the order for 1 unit and provides Buyer (D2) with DSCSA
transaction data.

```

This elongated supply chain choreography scenario illustrates the end to end process of a shipment made to a secondary Dispenser (D2) who buys products from the primary Dispenser (D1). As the primary Dispenser (D1) is acting as a wholesaler by selling to another Dispenser (D2), the primary Dispenser (D1) provides DSCSA TI/TS information to the secondary Dispenser (D2). The primary Dispenser (D1) obtained the product from a secondary Wholesaler (W2), who was supplied Wholesaler (W1) who sourced both from the Manufacturer (MFG) and another wholesaler (W3). This illustrates the complex relationships between these different parties, showing how the products were sourced and how TI/TS data passed through multiple trading partners before reaching the end owner.

This example shows the EPCIS message sent by Dispenser (D1) to Dispenser (D2) D1 sends relevant transaction MFG-provided, W3-provided, W1-provided, and W2-provided EPCIS Commissioning and Packing data along with D1-generated logistics Commissioning (SSCC), Packing and Shipping data to D2.

- Set directPurchase @qualifier to ENTIRELY\_INDIRECT in the Shipping data.
- Omit indirectPurchaseEPCs since the entire shipment from D1 to D2 is indirectly purchased.
- Include directPurchaseStatement.
- Set receivedFromPrevDirectPurchase @qualifier to ENTIRELY\_INDIRECT.
- Omit receivedFromPrevIndirectPurchaseEPCs since the entire shipment was indirectly purchased by D1 from W2.
- Include receivedDirectPurchaseFromPrevWhlsDistStatement.

Example shipment: 1 pallet containing 1 unit of GTIN A which in this example represent 1 case of GTIN A with each case containing 4 LSUs

```

-->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gs1ushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1" schemaVersion="1.2"
xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2023-04-09T08:45:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:084436921.567.0</sbdh:Identifier>

```

```

    </sbdh:Sender>
    <sbdh:Receiver>
      <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:123456789012..0</sbdh:Identifier>
      </sbdh:Receiver>
    <sbdh:DocumentIdentification>
      <sbdh:Standard>EPCglobal</sbdh:Standard>
      <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
      <sbdh:InstanceIdentifier>1100220049</sbdh:InstanceIdentifier>
      <sbdh:Type>Events</sbdh:Type>
      <sbdh:CreationDateAndTime>2023-04-
09T08:45:16Z</sbdh:CreationDateAndTime>
    </sbdh:DocumentIdentification>
  </sbdh:StandardBusinessDocumentHeader>
  <extension>
    <EPCISMasterData>
      <VocabularyList>
        <Vocabulary type="urn:epcglobal:epcis:vtype:EPCClass">
          <VocabularyElementList>
            <!-- master data for lowest saleable unit -->
            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.0012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
            </VocabularyElement>
            <!-- master data for case -->
            <VocabularyElement
id="urn:epc:idpat:sgtin:030001.1012345.*">
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentification">0001-0123-45</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#additionalTradeItemIdentificationTypeCode">US_FDA_NDC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#regulatedProductName">Epcistra</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#manufacturerOfTradeItemPartyName">GS1 Pharma LLC</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#dosageFormType">PILL</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#strengthDescription">100mg</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#netContentDescription">500 pills</attribute>
            </VocabularyElement>
          </VocabularyElementList>
        </Vocabulary>
      </VocabularyList>
    </EPCISMasterData>
  </extension>

```

```

</Vocabulary>
<Vocabulary type="urn:epcglobal:epcis:vtype:Location">
  <VocabularyElementList>
    <!-- MFG -->
    <VocabularyElement
id="urn:epc:id:sgln:030001.111111.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Pharma</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">1 Biopharm Ct</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite A</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Thousand Oaks</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">CA</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">91320</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Dispenser (D1) -->
    <VocabularyElement
id="urn:epc:id:sgln:084436921.567.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Corp</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">630 Fairview Ave</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 100</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
    </VocabularyElement>
    <!-- Dispenser Retail Store (D1)'s DC -->
    <VocabularyElement
id="urn:epc:id:sgln:084436921.568.0">
      <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Dispenser Retail Store1</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">225 Terry Ave N</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite 600</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#city">Seattle</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#postalCode">98109</attribute>
      <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>

```



```

        </VocabularyElement>
        <!-- Dispenser (D2) -->
        <!-- example of individually licensed GLN -->
        </VocabularyElement>
id="urn:epc:id:sgln:123456789012..0">
        <attribute
id="urn:epcglobal:cbv:mda#name">GS1 Community Dispenser</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressOne">335 La Brea Blvd</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#streetAddressTwo">Unit A</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#city">Burien</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#state">WA</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">98166</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
        </VocabularyElement>
        </VocabularyElementList>
        </Vocabulary>
        </VocabularyList>
        </EPCISMasterData>
</extension>
<gs1ushc:guidelineVersion>GS1 US DSCSA R1.3</gs1ushc:guidelineVersion>
<gs1ushc:dscsaTransactionStatement>
    <gs1ushc:affirmTransactionStatement>true</gs1ushc:affirmTransactionStatement>
    <gs1ushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gs1ushc:legalNotice>
</gs1ushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- E1: Commissioning events (12 LSUs: 4 LSUs per case) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:45:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>

```

```

                <cbvmda:itemExpirationDate>2025-03-
27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E2: Commissioning events (1 case SN 121) -->
        <ObjectEvent>
            <eventTime>2023-03-27T06:46:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
            <disposition>urn:epcglobal:cbv:disp:active</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
            <extension>
                <ilmd>
                    <cbvmda:lotNumber>A123</cbvmda:lotNumber>
                    <cbvmda:itemExpirationDate>2025-03-

```

```

27</cbvmda:itemExpirationDate>
                </ilmd>
            </extension>
        </ObjectEvent>
        <!-- E3: Aggregation event (packing case SN 121 with 4 LSUs) -->
        <AggregationEvent>
            <eventTime>2023-03-27T06:52:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <parentID>urn:epc:id:sgtin:030001.1012345.121</parentID>
            <childEPCs>
                <epc>urn:epc:id:sgtin:030001.0012345.19</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.20</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.21</epc>
                <epc>urn:epc:id:sgtin:030001.0012345.22</epc>
            </childEPCs>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
            <bizLocation>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </bizLocation>
        </AggregationEvent>
        <!-- E4: Commissioning event (1 pallet of GTIN A) at the D1's DC -->
        <ObjectEvent>
            <eventTime>2023-04-09T06:47:16Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <epcList>
                <epc>urn:epc:id:sscc:084436921.71098765</epc>

```

```

    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
    <disposition>urn:epcglobal:cbv:disp:active</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:084436921.568.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:084436921.568.0</id>
    </bizLocation>
  </ObjectEvent>
  <!-- E7: Aggregation event (packing pallet with 1 cases SN 121) -->
  <AggregationEvent>
    <eventTime>2023-04-09T06:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <parentID>urn:epc:id:sscc:084436921.71098765</parentID>
    <childEPCs>
      <epc>urn:epc:id:sgtin:030001.1012345.121</epc>
    </childEPCs>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:084436921.568.0</id>
    </readPoint>
    <bizLocation>
      <id>urn:epc:id:sgln:084436921.568.0</id>
    </bizLocation>
  </AggregationEvent>
  <!-- E8: Shipping pallet of 1 case ordered -->
  <ObjectEvent>
    <eventTime>2023-04-09T07:48:16Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
      <epc>urn:epc:id:sscc:084436921.71098765</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
      <id>urn:epc:id:sgln:084436921.568.0</id>
    </readPoint>
    <!-- 2 business documents: PO from buying Dispenser (D2), Delivery Document
created by D1's DC -->
    <bizTransactionList>
      <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:1234567890128:XYZPO825</bizTransaction>
      <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0844369215688:DEL284</bizTransaction>
    </bizTransactionList>
    <extension>
      <!-- Source Owning Party is D1, Source Location is D1's DC -->
      <sourceList>
        <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:084436921.567.0</source>

```

```

                <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:084436921.568.0</source>
                </sourceList>
                <!-- Destination Owning Party is Dispenser (D2), Destination Location is
Dispenser (D2) -->
                <destinationList>
                    <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:123456789012..0</destination>
                    <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:123456789012..0</destination>
                    </destinationList>
                </extension>
                <gs1ushc:dropShipment>>false</gs1ushc:dropShipment>
                <gs1ushc:directPurchase qualifier="ENTIRELY_INDIRECT">
                    <directPurchaseStatement>Seller affirms that indicated product(s) were
purchased directly from the manufacturer, exclusive distributor of the manufacturer, or a repackager who
purchased directly unless noted as being indirectly sourced.</directPurchaseStatement>
                    </gs1ushc:directPurchase>
                <gs1ushc:receivedDirectPurchaseFromPrevWhlsDist
qualifier="ENTIRELY_INDIRECT">
                    <receivedDirectPurchaseFromPrevWhlsDistStatement>Seller affirms
receipt of directly purchased statement from previous wholesaler distributor for the indicated
product(s).</receivedDirectPurchaseFromPrevWhlsDistStatement>
                    </gs1ushc:receivedDirectPurchaseFromPrevWhlsDist>
                </ObjectEvent>
            </EventList>
        </EPCISBody>
    </epcis:EPCISDocument>

```



## Proprietary Statement

This document contains proprietary information of GS1 US. Such proprietary information may not be changed for use with any other parties for any other purpose without the expressed written permission of GS1 US.

## Improvements

Improvements and changes are periodically made to publications by GS1 US. All material is subject to change without notice. Please refer to GS1 US website for the most current publication available.

## Disclaimer

Except as may be otherwise indicated in specific documents within this publication, you are authorized to view documents within this publication, subject to the following:

1. You agree to retain all copyright and other proprietary notices on every copy you make.
2. Some documents may contain other proprietary notices and copyright information relating to that document. You agree that GS1 US has not conferred by implication, estoppels, or otherwise any license or right under any patent, trademark, or copyright (except as expressly provided above) of GS1 US or of any third party.

This publication is provided "as is" without warranty of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. Any GS1 US publication may include technical inaccuracies or typographical errors. GS1 US assumes no responsibility for and disclaims all liability for any errors or omissions in this publication or in other documents which are referred to within or linked to this publication. Some jurisdictions do not allow the exclusion of implied warranties, so the above exclusion may not apply to you.

Several products and company names mentioned herein may be trademarks and/or registered trademarks of their respective companies. GS1 US does not, by promulgating this document on behalf of the parties involved in the creation of this document, represent that any methods, products, and/or systems discussed or recommended in the document do not violate the intellectual property rights of any third party. GS1 US has not performed a search to determine what intellectual property may be infringed by an implementation of any strategies or suggestions included in this document. GS1 US hereby disclaims any liability for any party's infringement of intellectual property rights that arise as a result of any implementation of strategies or suggestions included in this document.

This publication may be distributed internationally and may contain references to GS1 US products, programs, and services that have not been announced in your country. These references do not imply that GS1 US intends to announce such products, programs, or services in your country.

GS1 US shall not be liable for any consequential, special, indirect, incidental, liquidated, exemplary, or punitive damages of any kind or nature whatsoever, or any lost income or profits, under any theory of liability, arising out of the use of this publication or any content herein, even if advised of the possibility of such loss or damage or if such loss or damage could have been reasonably foreseen.

GS1 US HEREBY DISCLAIMS, AND YOU HEREBY EXPRESSLY RELEASE GS1 US FROM, ANY AND ALL LIABILITY RELATING TO YOUR COMPLIANCE WITH REGULATORY STANDARDS AND LAWS, INCLUDING ALL RULES AND REGULATIONS PROMULGATED THEREUNDER. GS1 US MAKES NO WARRANTIES OF ANY KIND RELATING TO THE SUITABILITY OF THE GS1 STANDARDS AND THE SPECIFIC DOCUMENTS WITHIN THIS PUBLICATION TO COMPLY WITH ANY REGULATORY STANDARDS, LAWS, RULES AND REGULATIONS. ALL INFORMATION AND SERVICES ARE PROVIDED "AS IS."

\*GS1 US employees are not representatives or agents of the U.S. FDA, and the content of this publication has not been reviewed, approved, or authorized by the U.S. FDA. The following information contained herein is for informational purposes only as a convenience, and is not legal advice or a substitute for legal counsel. GS1 US Inc. assumes no liability for the use or interpretation of the information contained herein.

## No Liability for Consequential Damage

In no event shall GS1 US or anyone else involved in the creation, production, or delivery of the accompanying documentation be liable for any damages whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or other loss) arising out of the use of or the results of use of or inability to use such documentation, even if GS1 US has been advised of the possibility of such damages.

## IAPMO

In this publication, the letters "UPC" are used solely as an abbreviation for the "Universal Product Code" which is a product identification system. They do not refer to the UPC, which is a federally registered certification mark of the International Association of Plumbing and Mechanical Officials (IAPMO) to certify compliance with a Uniform Plumbing Code as authorized by IAPMO.

\*If applicable

---

**GS1 US Corporate Headquarters**

Princeton South Corporate Center, 300 Charles Ewing Boulevard  
Ewing, NJ 08628 USA

**T** +1 937.435.3870 | **E** info@gs1us.org

[www.gs1us.org](http://www.gs1us.org)

**Connect With Us**

