To: RosettaNet Members

From: Angela Warburton

Subject: RosettaNet Implementation Framework, v1.1: Technical Advisory #2

This technical advisory clarifies the use of versioning in the names of DTDs in section 1. It also addresses an issue with the location of values lists for elements used in the Service Header, which could affect interoperability as trading partners are added in section 2. However, the timing of the need for implementing the change is dependent on trading needs of the RosettaNet members (in other words, 2.2.2000-readiness will **not** be affected by making or not making this change prior to that date).

1   Clarification of DTD Naming Pathname Specification and Versioning

"RosettaNet Implementation Framework, v1.1: Technical Advisory #1" (issued on December 30, 1999), specified DTD pathnames in section 2. That specification is unchanged. The following example was provided in the Technical Advisory.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE ServiceHeader SYSTEM "ServiceHeaderGuideline_v1_1.dtd">
```

The current PIP publications, as of 31 January, available on the RosettaNet WEB site do not adhere to the above example and will be modified to reflect this structure in the next major version release.

The following example is the convention to be used until the subsequent release is published.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE ServiceHeader SYSTEM "ServiceHeaderGuideline.dtd">
```

All DTD filenames will include the version number of the DTD in this format.   In subsequent and future releases, all DTDs will adhere to the following file naming structure:

```
Business Document Name_v(version)_(release).Extension
(Example) 2A6ProductLifecycleInformationResponseMessageGuideline_v1_0.dtd
```

2 Location of Values

Questions regarding Service Header Message Guideline and the issues of interoperability between partners have arisen. Below, the issues are identified and the resulting decision is being communicated. Note that the timeline and implementation of this decision by RosettaNet members is to occur upon members' mutual agreement with their trading partners and/or customers. In short, this change is **not** mandated as part of 2.2.2000 readiness.

2.1 Issues

The current Service Header Message Guideline contains a list of valid values for several elements of the Service Header DTD. These lists do not accurately correspond to the lists of values for the same elements in the PIP Specifications themselves. Furthermore, there is no way of identifying what values to use for any given PIP from the list of values in the Service Header.

Additionally, the names of the corresponding elements do not match between Service Header Message Guideline and PIPs specification.

2.2 Decision

To avoid the necessity of re-releasing the Service Header Message Guideline each time a PIP is released or versioned, enumerated values for elements called in the Service Header DTD will no longer be maintained in the Service Header Message Guideline. For the present, those values should be obtained from the relevant PIP Specification(s). Further study of this issue will result in a decision on where these values should be maintained for the long term; however, the decision to remove them from the Service Header Message Guideline will stand.

Trading partners demonstrating readiness and/or implementations for 2.2.2000 who may have relied upon the values in the Service Header message guideline will **not** be deemed "out of compliance" at this time. However, they are urged to transition to the correct version of values as soon as possible to avoid interoperability issues as they move forward with other trading partners.

2.3 Affected Elements and Values

2.3.1 Overview

The following is the list of elements (used in the Service Header Message Guideline and DTD) that are affected by this change.

1. GlobalBusinessActionCode

2. GlobalPartnerRoleClassificationCode

3. GlobalTransactionCode

4. GlobalProcessCode

5. GlobalProcessIndicatorCode

6. GlobalBusinessServiceCode

These are the correct element names; continue to use them even though the definitions and values lists found in the PIP Specifications do not use these names.

2.3.2 Mapping to PIP Names and Locations

To find the PIP-specific values for Service Header elements, use the following mapping.

Element Name: GlobalBusinessActionCode

Corresponding Element in PIP Spec: "Business Action"

Element Definition Location in PIP Spec: "Business Action and Business Signal Specification" in FSV

Values List Location in PIP Spec: The list of Business Actions specified in the table containing the Business Action – Business Document Mapping (section 4.2) in FSV

Value Example: Product Information Notification Action

Element Name: GlobalPartnerRoleClassificationCode

Corresponding Element in PIP Spec: "Role Name"

Element Definition Location in PIP Spec: "Partner Role Descriptions"

Values List Location in PIP Spec: The list of "Role Names" in the Partner Role Description table (in PIP 2A1: Section 3.6, Table 3.1)

Value Example: Product Information Distributor

Element Name: GlobalTransactionCode

Corresponding Element in PIP Spec: "Activity Name"

Element Definition Location in PIP Spec: "Business Process Activity Controls"

Values List Location in PIP Spec: The list of Activity Names in the Business Activity Descriptions (in PIP 2A1: Section 3.7, Table 3.2)

Value Example: Distribute New Product Information

Element Name: GlobalProcessCode

Corresponding Element in PIP Spec: the name of the PIP

Element Definition Location in PIP Spec: "Business Process Definition"

Values List Location in PIP Spec: the name of the PIP as specified in the cover sheet

Value Example: Distribute New Product Information

Element Name: GlobalProcessIndicatorCode

Corresponding Element in PIP Spec: the PIP code (just the code part, leaving out the characters "PIP")

Element Definition Location in PIP Spec: "Business Process Definition"

Values List Location in PIP Spec: only one value allowed per PIP and that should match the code of the PIP as in the cover sheet. The letters "PIP" should be omitted; e.g., PIP2A1 will have the value "2A1"

Value Example: 2A1

Element Name: GlobalBusinessServiceCode

Corresponding Element in PIP Spec: "Network Component"

Element Definition Location in PIP Spec: "Network Component Specification"

Values List Location in PIP Spec: the list of Network Components in the Network Component Specification Table (Table 4.1) in the FSV.

Value Example: Buyer Service