Qualcomm Inc.

Functional Specification

ITG 292088

Modify 3B12 to replace a single Y/N label flag with up to four label type template names

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## Document Control

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## Problem Statement

The system process that supports shipping of material out of the TAP warehouse in Singapore creates a 3B12 RosettaNet PIP and sends that file to Schenker’s system, the 3PL company contracted to run our Singapore warehouse. Currently included in the file is a yes/no indication as to whether the shipment needs customer-specific labeling.

The requirements for customer labeling are growing and getting more complex, and we now need to specify if a label is required, and if yes, if it is standard or customer-specific , for each of the four possible labels.

The four different labels that need to be specified are:

1. 2S or Innerbox Label. This label will be stamped on the innerbox.

2. 3S Label. This label will be marked outside of the packaged shipping container.

3. 3SLE Label. This label will be used to populate the country of origin of the shipping material.

4. 4S Label. This is a pallet label and will be stamped outside of the pallet.

The current 3B12 solution of a yes or no to alert Schenker to a customer-specific label is no longer sufficient for the business needs.

## Solution

The solution to ensure correct labeling is to stop use of the single yes/no label flag and replace it with the exact template name to be used for each type, 2S, 3S, 3SLE and 4S. Three of the label types are optional; the 3S label is required. If one or more types are not required for a specific customer, they will not be included in the 3B12 message.

Element 69 in the 3B12 PIP has been identified as the location for the label type template names with Element 70 containing the internal code to identify the note. These elements are in active use for free form text notes and associated shipping instructions codes and will be enhanced to include the four label types as applicable/required by each customer.

Qualcomm will define the values for the template names on the customer master record and place them in free form note element 69 of the 3B12 PIP with a corresponding identifying code in element 70.

Upon receipt, Schenker will import elements 69 & 70 and process them per the 3B12 mappings provided by the B2B team.

Note: The 3S Label is the only label required at this time, and the value in this note will be ‘STANDARD’ if the customer does not require a special label.

**Today** – We have one label column, LABEL\_FLAG, that is a simple Y or N sourced from the customer master record. This requires Schenker to determine which labels are to be used for each shipment.

**To Be**  - We will no longer use LABEL\_FLAG and will instead use four new columns allowing Qualcomm to specify the exact label template name to be used for each of the four possible labels.

LABEL\_2S, LABEL\_3SLE, and LABEL\_4S are optional and may be NULL.

LABEL\_3S is required and will be populated with ‘STANDARD’ if the customer record does not specify a special label.

All other processing of the 3B12 shall continue as currently defined. All data elements are currently defined the same type and length.

## Functional Overview

Internally at Qualcomm, no changes will be realized at the functional level. The changes will be seen upstream when the customer master record is created/updated.

Schenker will need to modify their code that processes the 3B12 to ignore the label flag element and instead look at one to four notes in data elements 69 & 70 representing each of the four possible labels (the note value for the 3S label will always exist). The new note values will contain label template names that should match label templates already defined within Schenker’s Exceed system.

## Basic Business Need:

The business is requesting the ability to define each of the four label requirements separately, and to be able to specify which template should be used if a label is needed.

This new functionality with require clear communication with Schenker to ensure that the label templates defined in both systems are identifed by the same template name.

## Terms

* 3B12 – RosettaNet PIP used to direct Schenker to make shipments to TAP customers.
* TAP – short name in Oracle WMS for the inventory organization created in Singapore.
* Schenker – 3PL company contracted to run the QCTAP warehouse in Singapore.
* BPEL – Business Process Execution Language – An Oracle tool used to perform background system processes.

## Open and Closed Issues

### Open Issues

### Closed Issues