

# Automotive Aftermarket Industry Association

## Summary of Changes for PIES 6.3

### 1.1. General Change Information

PIES 6.3 is a minor version update of the PIES standard. While there are several new elements and/or structures introduced in this version of PIES, PIES 6.3 maintains a strong backwards compatible structure with PIES 6.2. Therefore, this is a minor versioning increment rather than a major version number change.

### 1.2. New Segments

#### **Market Copy Segment**

This segment is a looping segment of the PIES root element. The purpose of this new segment is to allow a data sender to provide marketing copy (2000 character) for non-item specific elements.

For Use Case examples, please see the published PIES 6.3 User Documentation file (in MS Word format).

The Market Copy Segment also includes a sub-looping segment of Digital Assets to support Market Copy provided

### 1.3. ITEM Segment

The Item segment has 4 changes

1. Item GTIN Qualifier (B11) enumerations have been restricted to UP and EN qualifier types. These represent the standard 12-digit US and 13-digit European GTIN formats. This change is presented to eliminate some confusion of which GTIN formats to use for Item level identification.

2. Addition of the optional "SubBrand Label" (B28). PIES 6.2 introduced the SubBrandAAIAID, however, the label was omitted. This change would bring SubBrand in line with Brand level elements in PIES.

3 & 4. "Item Quantity Size" (B32), "Item Quantity Size UOM" (B33) and "Container Type" (B34) have been added. The first 2 new elements would be used to clarify Item level sizing issues. For example, if an Item is a can of spray paint, the Size may be "16" and the UOM may be "OZ". Another example could indicate that an Item is a "500" "FT" roll of hose. Together these new elements provide context for the Item as well as the for the Package & Price Segment information. "Container Type" is used to describe the packaging for the Item.

### 1.4. PRICE Segment

The change indicated in the Price Segment is documentation only. The Format change for "Price" brings the documentation in-line with the PIES XSD to indicate a 10-digit fixed decimal with 4 decimal places.

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## 1.5. PACKAGE Segment

Four changes in the Package Segment (Height, Width, Length and Weight) reflect documentation changes similar to "Price". These are to bring the documentation in line with the PIES XSD.

The Package Segment also introduces 4 new elements.

- \* Inner Quantity (H21)
- \* Inner Quantity UOM (H22)
- \* Orderable Package (H24)
- \* Stacking Factor (H55)

The "Inner Quantity" and "UOM" can be used to provide more detailed information when defining upper level package types (Inner Pack, Case, Pallet). For example, rather than just indicating how many Eaches are contained in a Case, you will be able to indicate how many Inner Packs are contained in the Case.

"Orderable Package" is included to allow a data sender to indicate if a certain package level is shippable/orderable or not.

In addition, the Dimensional Weight element has been updated (notes) to reflect current UPS/FedEx calculation values for US Domestic Air Freight values. This is the default formula to use for PIES data.

## 1.6. EXPI Segment

Based on feedback, the following changes have been made to the EXPI Code table...

- \* RPC (Regulating Postal Code) format is from ID to AN to allow use of a dash in US zip+4
- \* 2 codes have been removed based on confusion of use and redundancy with other PIES segments/elements.
  - PFP (Pallet Footprint Size)
  - PFU (Pallet Footprint Size UOM)

## 1.7. Product Attributes Segment

In order to allow (from a Technical Specification level) multiple iterations of the same Product Attribute, the documentation has been changed to reflect a Dual-Key for ...

- \* Attribute ID
- \* Attribute Data

This does not necessitate a change to the PIES XSD. This is a Technical Spec and Documentation change only.

## 1.8. Digital Assets Segment

Asset Type "LGO" for logo has been added