



## GS1 US X12 Requirements Group Notice of Guideline Change

June 12, 2009

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In support of the Produce Marketing Association, the GS1 US X12 Requirements Group (XRG) reviewed and approved an enhancement to the Uniform Communication Standard (UCS) 856 Ship Notice/Manifest transaction set at its June 10<sup>th</sup> meeting.

The Produce Marketing Association approached the GS1 US XRG with a need to handle scenarios when one product is substituted for another in a shipment. The X12 EDI 856 Ship Notice/Manifest transaction set carries the shipment information from the supplier to the retailer. The current UCS implementation guideline does not include the segment that would carry the originally ordered product information.

The GS1 US XRG approved the inclusion of the SLN Subline Item Detail (Table 2, position 0400) segment in the 856 Ship Notice/Manifest transaction set, at the Pack level, of the UCS guideline. In situations when product substitution occurs, the originally ordered case product is identified in the SLN segment and the delivered product is identified in the LIN segment (Table 2, position 0200).

This SLN guideline will be included in GS1 US version 6010 implementation guidelines. This guideline may be used in prior versions by agreement of the trading partners. (Note: Since the SLN segment in the 856 standard has not been included in prior UCS implementation guidelines at the Pack level, trade parties will probably need to make modifications to their translator mappings and application interfaces to include the segment and its data.)

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SLN segment and data elements used relating to the originally ordered product:

- SLN01 – Assigned Identification;
  - Mandatory data element.
- SLN03 – Relationship Code;
  - Code value 'S' – Substituted;
  - Mandatory data element.
- SLN04 – Quantity;
  - Relational data element
  - Paired with SLN05
- SLN05 – Composite Unit of Measure;
  - Relational data element
- SLN09 – Product/Service ID Qualifier <sup>(1)</sup>
  - Allowed codes are <sup>(2)</sup>
    - CA - GTIN-14 manufacturer shipping unit
    - EN – GTIN-13 digit data structure
    - EO – GTIN-8 digit data structure
    - IN – Buyers Item Number
    - UK – GTIN-14 digit data structure
    - UP – GTIN UCC-12 data structure
    - VN – Vendor's Item Number
  - Paired with SLN10
  - Identifies the type of value in SLN10
  - Mandatory data element
- SLN10 – Product/Service ID
  - Product ID
  - Mandatory data element
- SLN11 – Product/Service ID Qualifier
  - Allowed codes are <sup>(2)</sup>
    - CA - GTIN-14 manufacturer shipping Unit
    - EN – GTIN-13 digit data structure
    - EO – GTIN-8 digit data structure
    - IN – Buyers Item Number
    - UC – Product Variant
    - UK – GTIN-14 digit data structure
    - UP – GTIN UCC-12 data structure
    - VN – Vendor's Item Number
  - Identifies the type of value in SLN12

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- Paired with SLN12
  - Relational data element
- SLN12 – Product/Service ID
  - Product ID
  - Relational data element

Notes:

<sup>(1)</sup> Two occurrences for product identification (SLN09/10, SLN11/12) are allowed. The preferred product identification is a GTIN.

<sup>(2)</sup> For the GTIN codes used in data elements SLN09 and SLN11,

- One of codes CA or UK may be used in the SLN, and
- One of codes EN, EO, or UP may be used in the SLN.

Refer to the UCS 856 Ship Notice/Manifest implementation guideline for further implementation information.

**UCS 856 Ship Notice/Manifest, Pack Level Loop  
- Showing inclusion of SLN segment**

<u>Segment Position</u>	<u>ID</u>	<u>Segment Name</u>	<u>Requirement</u>	<u>Max Use</u>
0100	<a href="#">HL</a>	Hierarchical Level - Pack	M	1
0200	<a href="#">LIN</a>	Item Identification	O	1
0300	<a href="#">SN1</a>	Item Detail (Shipment)	O	1
<b>0400</b>	<b>SLN</b>	<b>Subline Item Detail</b>	<b>O</b>	<b>1000</b>
0500	<a href="#">PRF</a>	Purchase Order Reference	O	1

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