



X12 Implementation Guideline - USS Outside Processing

Shipping Notice

Example 856-7, Stock Transfer

Stock Transfer is used for reporting a transfer of ownership to the customer without physical movement of steel from the outside processor.

X12 856 Format

HEADER AREA

Transaction Set Header

ST*856*0001

Transaction Set Identifier Code (143)

ST01 856 X12 Ship Notice / Manifest

Transaction Set Control Number (329)

ST02 0001

Beginning Segment for Ship Notice

BSN*00*P697659*20000404*0718**TS

Transaction Set Purpose Code (353)

BSN01 00 Original

Shipment Identification (396)

BSN02 P697659 Reference Number

Date (373)

BSN03 20000404 Transaction Create Date

Time (337)

BSN04 0718 Transaction Create Time

Transaction Type Code (640)

BSN06 TS Stock Transfer (Key Field to ID Stock Transfer)

Date/Time Reference

DTM*011*20000404*0718*ES

Date/Time Qualifier (374)

DTM01 011 Shipped

Date (373)

DTM02 20000404 Activity Date

Time (337)

DTM03 0718 Activity Time

Time Code (623)

DTM04 ES Eastern Standard Time



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Shipping Notice **Example 856-7, Stock Transfer**

DETAIL AREA - Shipment Level

Hierarchical Level

HL*1**S*1
Hierarchical ID Number (628)
HL01 1
Hierarchical Level Code (735)
HL03 S Shipment
Hierarchical Child Code (736)
HL04 1

Carrier Details (Quantity & Weight)

TD1*COL52*2****G*7690*LB
Packaging Code (103)
TD101 COL52 Coil
Lading Quantity (80)
TD102 2 2 Lifts on load
Weight Qualifier (187)
TD106 G Gross Weight
Weight (81)
TD107 7690 Weight
Unit or Basis for Measurement Code (355)
TD108 LB Pounds

Reference Numbers

REF*MA*P697659
Reference Number Qualifier (128)
REF01 MA Ship Notice / Manifest Number (USS Pre-Assigned Shipper Number.
USS Plant Unique)

Reference Number (127)
REF02 P697659

Reference Numbers (Some processors may send this information)

REF*BM*00129
Reference Number Qualifier (128)
REF01 BM Bill of Lading Number (OP Assigned)
Reference Number (127)
REF02 00129

Name

N1*MF**1*004379061
Entity Identifier Code (98)
N101 MF Steel Producer
Identification Code Qualifier (66)
N103 1 DUNs Number
Identification Code (67)
N104 004379061 USS Mon Valley Works

Name

N1*OU**1*186413092
Entity Identifier Code (98)
N101 OU Outside Processor
Identification Code Qualifier (66)
N103 1 DUNs Number
Identification Code (67)
N104 186413092

Name



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Shipping Notice **Example 856-7, Stock Transfer**

N1*SF**1*186413092
Entity Identifier Code (98)
N101 SF Shipped From
Identification Code Qualifier (66)
N103 1 DUNs Number
Identification Code (67)
N104 186413092

Name

N1*ST**1*055784002
Entity Identifier Code (98)
N101 ST Ship To
Identification Code Qualifier (66)
N103 1 DUNs Number
Identification Code (67)
N104 055784002

DETAIL AREA - Order Level

Hierarchical Level

HL*2*1*O*1
Hierarchical ID Number (628)
HL01 2
Hierarchical Parent ID Number (734)
HL02 1
Hierarchical Level Code (735)
HL03 O Order
Hierarchical Child Code (736)
HL04 1

Item Detail Identification

LIN**VO*GC62345*VN*001
Product/Service ID Qualifier (235)
LIN02 VO Order Number - Intended Ship USS Mill Order #
Product/Service ID (234)
LIN03 GC62345
Product/Service ID Qualifier (235)
LIN04 VN Order Item Number - Intended Ship (USS Mill Order Item #)
Product/Service ID (234)
LIN05 001



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Shipping Notice **Example 856-7, Stock Transfer**

DETAIL AREA - Item Level

Hierarchical Level

HL*3*2*I
Hierarchical ID Number (628)
HL01 3
Hierarchical Parent ID Number (734)
HL02 2
Hierarchical Level Code (735)
HL03 I Item

Item Detail Identification

LIN**SN*4720819*HN*R07821
Product/Service ID Qualifier (235)
LIN02 SN Material Identification - USS
Product/Service ID (234)
LIN03 4720819
Product/Service ID Qualifier (235)
LIN04 HN Heat Number
Product/Service ID (234)
LIN05 R07821

Product/Item Identification

PID*S*MAC*ST*01***67
Item Description Type (349)
PID01 S
Product/Process Characteristic Code (750)
PID02 MAC Material Classification
Agency Qualifier Code (559)
PID03 ST Steel Code tables
Production Description Code (751)
PID04 01 Prime
Source Subqualifier (822)
PID07 67 Steel Table 67

Product/Item Identification

PID*S*MA*ST*01***70
Item Description Type (349)
PID01 S
Product/Process Characteristic Code (750)
PID02 MA OP Material Status
Agency Qualifier Code (559)
PID03 ST Steel Code tables
Production Description Code (751)
PID04 01 Ready to Ship
Source Subqualifier (822)
PID07 70 Steel Table 70



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Shipping Notice Example 856-7, Stock Transfer

Measurements See 856-1 for metric UOM qualifiers for following MEA's

MEA*WT*WT*7690*01
Measurement Reference ID Code (737)
MEA01 WT Weights
Measurement Qualifier (738)
MEA02 WT Weight
Measurement Value (739)
MEA03 7690
Unit or Basis for Measurement Code (355)
MEA04 01 Pounds

Measurements
MEA*PD*TH*00.0280*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 TH Thickness
Measurement Value (739)
MEA03 00.0280
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements
MEA*PD*WD*31.9375*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 WD Width
Measurement Value (739)
MEA03 31.9375
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements
MEA*PD*LN*2474*LF
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 LN Length
Measurement Value (739)
MEA03 2474
Unit or Basis for Measurement Code (355)
MEA04 LF Lineal Feet

Measurements
MEA*PD*ID*24.00*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 ID Inner Dimensions
Measurement Value (739)
MEA03 24.00
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements
MEA*PD*OD*41.00*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions



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Measurement Qualifier (738)
MEA02 OD Outer Dimensions
Measurement Value (739)
MEA03 41.00
Unit or Basis for Measurement Code (355)
MEA04 ED Lineal Feet

Measurements

MEA*WT*WT*7521*24
Measurement Reference ID Code (737)
MEA01 WT Weights
Measurement Qualifier (738)
MEA02 WT Weight
Measurement Value (739)
MEA03 7521
Unit or Basis for Measurement Code (355)
MEA04 24 Theoretical Pounds

Reference Numbers

REF*SE*3324-66
Reference Number Qualifier (128)
REF01 SE Serial Number
Reference Number
REF02 3324-66

Date/Time Reference

DTM*206*20000314
Date/Time Qualifier (374)
DTM01 206 OP Material Status Date
Date (373)
DTM02 20000314

Summary Area

Transaction Totals

CTT*3
Number of Line Items (354)
CTT01 3 Total Number of HL Segments
One Shipment (S) (O) One Order (I) One Item

Transaction Set Trailer

SE*29*0001
Number of Included Segments (96)
SE01 29 Total number of segments in the transaction
including the ST and SE segments
Transaction Set Control Number (329)
SE02 0001 Transaction Set Control Number. Same as ST02
in the Transaction Set Header segment.