



X12 Implementation Guideline - USS Outside Processing

Shipping Notice

Example 856-5, Planned Loads

NOTE:

See 856-3 for segment usage to convey: Chargeable Dunnage, Non-chargeable Dunnage, Customer Appointment Number/Date/Time, Contract Number and Carrier Password. These requirements may be applicable to Shipment transactions 856-4 thru 856-5 and should be included when applicable.

X12 856 Format

HEADER AREA

Transaction Set Header

ST*856*0001
Transaction Set Identifier Code (143)
ST01 856 Ship Notice / Manifest
Transaction Set Control Number (329)
ST02 0001

Beginning Segment for Ship Notice

BSN*14*A09735*20000219*1754
Transaction Set Purpose Code (353)
BSN01 14 Advance Notification Denotes a Planned Load
Shipment Identification (396)
BSN02 A09735 Reference Number
Date (373)
BSN03 20000219 Transaction Create Date
Time (337)
BSN04 1754 Transaction Create Time

Date/Time Reference

DTM*083*20000219*1600*ES
Date/Time Qualifier (374)
DTM01 083 Scheduled for Shipment
Date (373)
DTM02 20000219 Activity Date
Time (337)
DTM03 1600 Activity Time
Time Code (623)
DTM04 ES Eastern Standard Time



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Shipping Notice **Example 856-5, Planned Loads**

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*1****G*49580*LB Packaging Code (103)
TD101 COL52 Coils
Lading Quantity (80)
TD102 1 1 Coil on load
Weight Qualifier (187)
TD106 G Gross Weight
Weight (81)
TD107 49580 Weight
Unit or Basis for Measurement Code (355)
TD108 LB Pounds

Carrier Details (Routing Sequence/Transit Time) See 856-1 if Rail

TD5*O*2*A1TL*M*A-1 Trucking*CL
Routing Sequence Code (133)
TD501 O Origin Carrier
Identification Code Qualifier (66)
TD502 2 SCAC Code
Identification Code (67)
TD503 A1TL Carriers SCAC Code
Transportation Method/Type Code (91)
TD504 M Transportation Method - Motor
Routing (387)
TD505 A-1 Trucking Carrier's Name
Shipment/Order Status Code (368)
TD506 CL Complete

Reference Numbers

REF*LO*A09735
Reference Number Qualifier (128)
REF01 LO Planned Load Identification
Reference Number (127)
REF02 A09735

Reference Numbers

REF*MA*B06751
Reference Number Qualifier (128)
REF01 MA Ship Notice/Manifest Number (USS Pre-Assigned Shipper Number. USS Plant
Unique)
Reference Number (127)
REF02 B06751

Reference Numbers

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



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REF02 00129

F.O.B. Related Instructions

FOB*PP

Shipment Method of Payment (146)

FOB01 PP Transportation Liability - Prepaid by Mill "PO" = Prepaid

Name

N1*MF**1*005444062

Entity Identifier Code (98)

N101 MF Steel Producer

Identification Code Qualifier (66)

N103 1 DUNs Number

Identification Code (67)

N104 005444062 USS Gary Works

Name

N1*OU**1*101567972

Entity Identifier Code (98)

N101 OU Outside Processor

Identification Code Qualifier (66)

N103 1 DUNs Number

Identification Code (67)

N104 101567972

Name

N1*Sf**1*101567972

Entity Identifier Code (98)

N101 SF Shipped From

Identification Code Qualifier (66)

N103 1 DUNs Number

Identification Code (67)

N104 101567972

Name

N1*ST**1*379123455

Entity Identifier Code (98)

N101 ST Ship To

Identification Code Qualifier (66)

N103 1 DUNs Number

Identification Code (67)

N104 379123455



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DETAIL AREA - Order Level

Hierarchical Level

HL*2*1*0*1
Hierarchical ID Number (628)
HL01 2
Hierarchical Parent ID Number (734)
HL02 1
Hierarchical Level Code (735)
HL03 0 Order
Hierarchical Child Code (736)
HL04 1

Item Detail Identification

LIN**VO*TX42200*VN*001
Product/Service ID Qualifier (235)
LIN02 VO Order Number - Intended Ship USS Mill Order #
Product/Service ID (234)
LIN03 TX42200
Product/Service ID Qualifier (235)
LIN04 VN Order Item Number - Intended Ship USS Mill Order Item #
Product/Service ID (234)
LIN05 001

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*W119126*HN*E22282*
Product/Service ID Qualifier (235)
LIN02 SN Material Identification - USS
Product/Service ID (234)
LIN03 W119126
Product/Service ID Qualifier (235)
LIN04 HN Heat Number
Product/Service ID (234)
LIN05 E22282



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Example 856-5, Planned Loads

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*1***70
Item Description Type (349)
PID01 S
Product/Process Characteristic Code (750)
PID02 MA Material Status - Outside Processor
Agency Qualifier Code (559)
PID03 ST Steel Code tables
Production Description Code (751)
PID04 1 Ready To Ship
Source Subqualifier (822)
PID07 70 Steel Table 70

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

MEA*WT*WT*49580*01
Measurement Reference ID Code (737)
MEA01 WT Weights
Measurement Qualifier (738)
MEA02 WT Weight
Measurement Value (739)
MEA03 49580
Unit or Basis for Measurement Code (355)
MEA04 01 Pounds

Measurements

MEA*WT*WT*50042*24
Measurement Reference ID Code (737)
MEA01 WT Weights
Measurement Qualifier (738)
MEA02 WT Weight
Measurement Value (739)
MEA03 50042
Unit or Basis for Measurement Code (355)
MEA04 24 Theoretical Pounds



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Shipping Notice Example 856-5, Planned Loads

Measurements

MEA*PD*TH*00.0275*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 TH Thickness
Measurement Value (739)
MEA03 00.0275
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements

MEA*PD*WD*65.0000*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 WD Width
Measurement Value (739)
MEA03 65.0000
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements

MEA*PD*LN*8235*LF
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 LN Length
Measurement Value (739)
MEA03 8235
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 Inside Diameter
Measurement Value (739)
MEA03 24.00
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements

MEA*PD*OD*63.00*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 OD Outside Diameter
Measurement Value (739)
MEA03 63.00
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Reference Numbers

REF*SE*468143A
Reference Number Qualifier (128)
REF01 SE Serial Number



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Reference Number
REF02 468143A

Date/Time Reference
DTM*206*20000219

Date/Time Qualifier (374)

DTM01 206 Status (Outside Processor)

Date (373)

DTM02 20000219 OP Status Date

Summary Area

Transaction Totals

CTT*3

Number of Line Items (354)

CTT01 3 Total Number of HL Segments
One Shipment (S), One Order (O), One Item (I)

Transaction Set Trailer

SE*31*0001

Number of Included Segments (96)

SE01 31 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.