



X12 Implementation Guideline - USS Outside Processing

Order Status - Production Reporting **Example 870-10, Inventory Maintenance / Correction**

X12 870 Format

HEADER AREA

Transaction Set Header

ST*870*0001
Transaction Set Identifier Code (143)
ST01 870 X12 Order Status Report
Transaction Set Control Number (329)
ST02 0001

Beginning Segment for Order Status Report

BSR*2*PA*00123*20000514***0317***04
Transaction Set Purpose Code (850)
BSR01 2 Prearranged Schedule or Agreement
Order Item Code (847)
BSR02 PA Selected Orders - Selected Items Inventory Maintenance
Reference Number (127)
BSR03 00123
Date (373)
BSR04 20000514 Transaction Create Date
Time (337)
BSR07 0317 Transaction Create Time
Transaction Set Purpose Code (353)
BSR11 04 Change

Name

N1*MF**1*005444062
Entity Identifier Code (98)
N101 MF Metals Producer
Identification Code Qualifier (66)
N103 1 DUNs Number
Identification Code (67)
N104 005444062 US Steel Gary Works

Name

N1*OU**1*017763731
Entity Identifier Code (98)
N101 OU Outside Processor
Identification Code Qualifier (66)
N103 1 DUNs Number
Identification Code (67)
N104 017763731

Date/Time Reference

DTM*009*20000514*0317*ES
Date/Time Qualifier (374)
DTM01 009 Process Business Event
Date (373)
DTM02 20000514
Time (337)
DTM03 0317
Time Code (623)
DTM04 ES



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DETAIL AREA - Order Level

Hierarchical Level

HL*1**O*1
Hierarchical ID Number (628)
HL01 1
Hierarchical Level Code (735)
HL03 0 Order
Hierarchical Child Code (736)
HL04 1

Purchase Order Reference

PRF*JK75005**20000514
Purchase Order Number (324) USS work order with OP
PRF01 JK75005
Purchase Order Date (323)
PRF04 20000514

DETAIL AREA - Item Level (Charge Item Description)

Hierarchical Level

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

Reference Numbers

REF*RV*82133218
Reference Number Qualifier (128)
REF01 RV OP Prior Identity Material ID of Item being changed
Reference Number (127)
REF02 82133218



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DETAIL AREA - Component Level (Discharge Item Description)

Corrected information conveyed in discharge loop

Hierarchical Level

HL*3*2*F

Hierarchical ID Number (628)

HL01 3

Hierarchical Parent ID Number (734)

HL02 2

Hierarchical Level Code (735)

HL03 F Component

Reference Numbers

REF*SE*92133166

Reference Number Qualifier (128)

REF01 SE Serial Number USS requires new identity of item being changed

Reference Number (127)

REF02 92133166 OP Material ID

Date/Time Reference

DTM*206*20000514*0317*ES

Date/Time Qualifier (374)

DTM01 206 Outside Processor Status

Date (373)

DTM02 20000514

Time (337)

DTM03 0317

Time Code (623)

DTM04 ES

Baseline Item Data

PO1**1*UN***VO*JK75005*VN*002*HN*GB9493*SN*A621298

Quantity Ordered (330)

PO12 1

Unit or Basis for Measurement Code

PO13 UN Unit

Product/Service ID Qualifier (235)

PO106 VO Order Number - Intended Ship USS Mill Order #

Product/Service ID (234)

PO107 JK75005

Product/Service ID Qualifier (235)

PO108 VN Order Item Number - Intended Ship USS Mill Order Item #

Product/Service ID (234)

PO109 002

Product/Service ID Qualifier (235)

PO110 HN Heat Number

Product/Service ID (234)

PO111 GB9493

Product/Service ID Qualifier (235)

PO112 SN Material Identification - USS

Product/Service ID (234)

PO113 A621298



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Example 870-10, Inventory Maintenance / Correction

```
PID*S*PR*ST*99***66
  Item Description Type (349)
  PID01      S
  Product/Process Characteristic Code (750)
  PID02      PR      Manufacturing Process
  Agency Qualifier Code (559)
  PID03      ST      Steel Code tables
  Production Description Code (751)
  PID04      99      Inventory Maintenance - Correction
  Source Subqualifier (822)
  PID07      66      Steel Table 66
```

Product/Item Identification Changes to Material Classification should be made through a 870 Hold/Release Transaction

```
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 Changes to OP Status should be made through a 870 Hold/Release Transaction

```
PID*S*MA*ST*1***70
  Item Description Type (349)
  PID01      S
  Product/Process Characteristic Code (750)
  PID02      MA     Outside Processor Status
  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*4865*01
  Measurement Reference ID Code (737)
  MEA01      WT     Weights
  Measurement Qualifier (738)
  MEA02      WT     Weight
  Measurement Value (739)
  MEA03      4865
  Unit or Basis for Measurement Code (355)
  MEA04      01     Pounds
```



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Order Status - Production Reporting **Example 870-10, Inventory Maintenance / Correction**

Measurements

MEA*PD*TH*00.0630*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 TH Thickness
Measurement Value (739)
MEA03 00.0630
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements

MEA*PD*WD*52.2500*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 WD Width
Measurement Value (739)
MEA03 52.2500
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements

MEA*PD*LN*22.0000*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 LN Length
Measurement Value (739)
MEA03 22.0000
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements

MEA*CT*NL*804*PC
Measurement Reference ID Code (737)
MEA01 CT Counts
Measurement Qualifier (738)
MEA02 NL
Measurement Value (739)
MEA03 804
Unit or Basis for Measurement Code (355)
MEA04 PC Number of Pieces

Measurements

MEA*WT*WT*4719*24
Measurement Reference ID Code (737)
MEA01 WT Weights
Measurement Qualifier (738)
MEA02 WT Weight
Measurement Value (739)
MEA03 4719
Unit or Basis for Measurement Code (355)
MEA04 24 Theoretical Pounds

Summary Area

Transaction Totals

CTT*3



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Number of Line Items (354)
CTT01 3 Total Number of HL Segments
 One Order (O), One Item (I), One Component (F)

Transaction Set Trailer

SE*24*0001

Number of Included Segments (96)
SE01 24 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.