



## X12 Implementation Guideline - USS Outside Processing

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### **Order Status - Production Reporting** **Example 870-8, Inventory Maintenance / Addition**

-----1-----2-----3-----4-----5-----6-----7-----8

#### **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\*\*\*02  
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 02 Add

##### *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 - Activity Date/Time  
Date (373)  
DTM02 20000514  
Time (337)  
DTM03 0317  
Time Code (623)  
DTM04 ES



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### ***Order Status - Production Reporting Example 870-8, Inventory Maintenance / Addition***

#### **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\*JK74787\*\*20000514 USS Work Order with OP  
Purchase Order Number (324)  
PRF01 JK74787  
Purchase Order Date (323)  
PRF04 20000514

#### **DETAIL AREA - Item Level**

##### *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\*SE\*82133502  
Reference Number Qualifier (128)  
REF01 SE Serial Number  
Reference Number (127)  
REF02 82133502 OP Material ID



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### **Order Status - Production Reporting** **Example 870-8, Inventory Maintenance / Addition**

#### **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\*JK74787\*VN\*013\*HN\*D21117\*SN\*A614935**  
**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 JK74787  
**Product/Service ID Qualifier (235)**  
PO108 VN Order Item Number - Intended Ship USS Mill Order Item #  
**Product/Service ID (234)**  
PO109 013  
**Product/Service ID Qualifier (235)**  
PO110 HN Heat Number  
**Product/Service ID (234)**  
PO111 D21117  
**Product/Service ID Qualifier (235)**  
PO112 SN Material Identification - USS  
**Product/Service ID (234)**  
PO113 A614935

#### **PID\*S\*PR\*ST\*98\*\*\*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 98 Inventory Maintenance - Addition  
**Source Subqualifier (822)**  
PID07 66 Steel Table 66



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### **Order Status - Production Reporting** **Example 870-8, Inventory Maintenance / Addition**

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*4885*01
  Measurement Reference ID Code (737)
  MEA01      WT      Weights
  Measurement Qualifier (738)
  MEA02      WT      Weight
  Measurement Value (739)
  MEA03      4885
  Unit or Basis for Measurement Code (355)
  MEA04      01      Pounds
```

*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
```



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### **Order Status - Production Reporting** **Example 870-8, Inventory Maintenance / Addition**

#### **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\*4738\*24  
Measurement Reference ID Code (737)  
MEA01 WT Weights  
Measurement Qualifier (738)  
MEA02 WT Weight  
Measurement Value (739)  
MEA03 4738  
Unit or Basis for Measurement Code (355)  
MEA04 24 Theoretical Pounds

### **Summary Area**

#### **Transaction Totals**

CTT\*2  
Number of Line Items (354)  
CTT01 2 Total Number of HL Segments  
One Order (O), One Item (I)



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### ***Order Status - Production Reporting Example 870-8, Inventory Maintenance / Addition***

*Transaction Set Trailer*

SE\*22\*0001

**Number of Included Segments (96)**

SE01 22 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.