



## X12 Implementation Guideline - USS Outside Processing

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### Order Status

#### Example 870-1, Hold/Release / Mill Source

Used by SP to change status of a USS Mill Order or to change material status or classification

#### X12 870 Format

#### HEADER AREA

##### Transaction Set Header

ST\*870\*0001  
Transaction Set Identifier Code (143)  
ST01 870 X.12 Order Status - Hold / Release Transaction  
Transaction Set Control Number (329)  
ST02 0001

##### Beginning Segment for Order Status Report

BSR\*2\*AO\*0001\*20000119\*\*\*0235  
Status Report Code (850)  
BSR01 2 Prearranged Schedule  
Order / Item Code (847)  
BSR02 AO All Orders - Items With Changed Status  
Reference Number (127)  
BSR03 0001  
Date (373)  
BSR04 20000119 Transaction Creation Date  
Time (337)  
BSR07 0235 Transaction Creation Time

##### Name

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

##### Name

N1\*OU\*\*1\*057389710  
Entity Identifier Code (98)  
N101 OU Outside Processor  
Identification Code Qualifier (66)  
N103 1 DUNs Number  
Identification Code (67)  
N104 057389710

#### DETAIL AREA - Order Level

##### Hierarchical Level

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

##### Purchase Order Reference



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### Order Status

#### Example 870-1, Hold/Release / Mill Source

```
PRF*161-75831*PRF*20000119
Purchase Order Number
PRF01 161-75831 Customer PO Number
Purchase Order Date (323)
PRF04 20000119 Customer PO date
```

### DETAIL AREA - Item Level

#### Hierarchical Level

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

#### Reference Numbers

```
REF*SE*494387
Reference Number Qualifier (128)
REF01 SE Serial Number - Processors Current Material ID
Reference Number (127)
REF02 494387
```

#### Date/Time Reference

```
DTM*007*20000119*
Date/Time Qualifier (374)
DTM01 007 Effective Date
Date (373)
DTM02 20000119
```

#### Date/Time Reference

```
DTM*105*20000119* (Only required when PID sent with material on QA Status - Ties to PID
referencing Table 68)
Date/Time Qualifier (374)
DTM01 105 QA Status Date
Date (373)
DTM02 20000119
```

#### Date/Time Reference

```
DTM*207*20000119* (Only required when PID sent with material on Commercial Status - Ties to
PID referencing Table 69)
Date/Time Qualifier (374)
DTM01 207 QA Status
Date (373)
DTM02 20000119
```



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### Order Status

#### Example 870-1, Hold/Release / Mill Source

##### Baseline Item Data

PO1\*\*1\*UN\*\*\*VO\*JK77920\*VN\*001\*HN\*D21586\*SN\*W226449\*GC\*LFQ  
Quantity Ordered (330)  
PO102 1  
Unit or Basis for Measurement Code  
PO103 UN  
Product/Service ID Qualifier (235)  
PO106 VO Order Number - Intended Ship USS Mill Order #  
Product/Service ID (234)  
PO107 JK77920  
Product/Service ID Qualifier (235)  
PO108 VN Order Item Number - Intended Ship USS Mill Order Item #  
Product/Service ID (234)  
PO109 001  
Product/Service ID Qualifier (235)  
PO110 HN Heat Number  
Product/Service ID (234)  
PO111 D21586  
Product/Service ID Qualifier (235)  
PO112 SN Material Identification - USS  
Product/Service ID (234)  
PO113 W226449  
Product/Service ID Qualifier (235)  
PO114 GC Grade Code  
Product/Service ID (234)  
PO115 LFQ

##### 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\*QAS\*ST\*6\*\*\*68 (Only required when material is placed on QA Status)  
Item Description Type (349)  
PID01 S  
Product/Process Characteristic Code (750)  
PID02 QAS Quality Assurance Status  
Agency Qualifier Code (559)  
PID03 ST Steel Code tables  
Production Description Code (751)  
PID04 6 Hold for Test  
Source Subqualifier (822)  
PID07 68 Steel Table 68

##### Product/Item Identification

PID\*S\*CMS\*ST\*4\*\*\*69 (Only required when material is placed on Commercial Dept Status by SP)  
Item Description Type (349)  
PID01 S  
Product/Process Characteristic Code (750)  
PID02 CMS Material Classification Commercial Dept  
Agency Qualifier Code (559)



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### **Order Status**

#### **Example 870-1, Hold/Release / Mill Source**

PID03	ST	Steel Code tables
<b>Production Description Code (751)</b>		
PID04	4	Customer work stoppage
<b>Source Subqualifier (822)</b>		
PID07	69	Steel Table 69

### **Summary Area**

#### **Transaction Totals**

CTT\*2

**Number of Line Items (354)**

CTT01	2	Total Number of HL Segments
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#### **Transaction Set Trailer**

SE\*15\*0001

**Number of Included Segments (96)**

SE01	15	Total number of segments in the transaction including the ST and SE segments
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**Transaction Set Control Number (329)**

SE02	0001	Transaction Set Control Number. Same as ST02 in the Transaction Set Header segment.
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