Transaction Set 869
Order Status Inquiry

Functional Group ID = RS X12 Version 004 Release 010

December 2002



Revision History

| iterision instary | |
|-------------------|----------------------------------|
| Date | Description |
| August 1998 | Published |
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| | |
| | |



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OVERVIEW

1. FUNCTIONAL DEFINITION

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Inquiry Transaction Set (869) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to request all pertinent information relative to an entire purchase order, selected line items on a purchase order, or selected products/services on a purchase order. Inquiry can also be made for all or a selected portion of the customer's ordered items, all or a selected portion of the customer's unshipped items, or all or a selected portion of the customer's shipped items.

2. CONSIDERATIONS

N/A.

3. TRADING PARTNERS

1. Any sender to any receiver.

4. EDIFICE BUSINESS MODELS

This is a simple recast/version upgrade of an existing EDIFICE guideline. Business models were not evaluated.

5. FIELD OF APPLICATION

This transaction may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.



6. FORMAT

The transmission in the ASC X12 format uses two required envelopes. One is the ISA Interchange Control Header Segment, which starts and identifies an interchange of zero or more functional groups and interchange-related control segments. The ISA includes the sender's mailbox address and a receiver's mailbox address, and specifies which delimiter (a/k/a control, service) characters (data element separator, component element separator and data segment terminator) are being used.

There are no default service characters reserved for use in ASC X12. Allowable service characters should be discussed between trading partners.

The second required envelope is GS Functional Group Header, which indicates the beginning of a functional group and provides group level control information. The GS segment includes functional group level sender and receiver addresses, typically used by the trading partner(s) for internal routing. The GS also includes the GS08 ASC X12 Version/Release/Industry Identifier Code. EDIFICE does not recommend the use of an Industry Identifier code.

The functional groups are analogous to batches of like documents, i.e. purchase orders, invoices, etc. Each functional group contains one ore more transaction sets (electronic documents).

Each transaction set is an ordered collection of segments.

Each segment is an ordered collection of data elements. Each segment has been assigned a two or three character identifier. This identifier marks the beginning of each segment. Each element within the segment is separated by a data element delimiter. EDIFICE recommends the use of the asterisk (*) character as a data element delimiter. A segment terminator character is used to mark the end of a segment.

Any shaded areas indicate EDIFICE recommended usage and comment.



7. ATTRIBUTES

Each data element has three ANSI attributes: Element usage, element type and minimum/maximum length. EDIFICE has additional usage indicated for optional segments and elements which are noted in the following table.

| MARGIN | ATTRIBUTE | DE NOTE | MEANING |
|----------|---|------------------------|--|
| Must Use | M (Mandatory) | N/A | If a segment, composite, or stand alone data element is mandatory according to the standard, EDIFICE cannot change the mandatory status on that component. DATA ELEMENT within a COMPOSITE: A data element within a composite is mandatory only if the composite is used. |
| Х | C or X (Conditional) or O (Optional) | No note or NOT USED | EDIFICE has determined no value in supplying the composite or data element; hence, it need not be generated. |
| Blank | C or X (Conditional) or O (Optional) | REQUIRED | EDIFICE members agree that the data concerned must be sent. |
| Blank | C or X (Conditional) or O (Optional) | No note | Indicates that EDIFICE makes no recommendation regarding usage. The trading partners must agree on usage. |
| Blank | C or X (Conditional) or O (Optional) | ADVISED | EDIFICE has determined value in supplying the data element; hence, it should be generated. |
| Blank | C or X (Conditional) or O (Optional) | DEPENDING | Data must be sent if a particular defined condition or set of conditions exist. The associated conditions must be explained at the appropriate level of detail. |



8. CHANGES FROM VERSION 3020

Only segments, elements or codes used by EDIFICE are listed. Some fields which have increased in maximum length are not listed.

- All date fields changed from 6/6 (YYMMDD) to 8/8 (CCYYMMDD).
- Attribute changed from Used to Not Used for BSI04.
- Max use of HL loop in detail area (HL) changed from 1000 to >1.
- Attribute changed from Used to Not Used for PRF06.
- Max use of N1 loop in detail area (N1) changed from 200 to >1.
- Max length of DE 93 Name (used in N102) changed from 35 to 60.
- Max length of DE 67 Identification Code (used in N104) changed from 17 to 80.
- Requirement for CTT segment changed from 'M' Mandatory to 'O' Optional.
- Max length of DE 96 Number of Included Segments in SE01 changed from 6 to 10.



SEGMENT TABLES

869 Order Status Inquiry - List of Used and Not Used Segments

Heading:

| | Pos. | Seg. | | Req. | | Loop | Notes and |
|----------|------------|-----------|--|-------------|----------------|---------------|-----------------|
| | <u>No.</u> | <u>ID</u> | <u>Name</u> | <u>Des.</u> | <u>Max.Use</u> | <u>Repeat</u> | Comments |
| Must Use | 010 | ST | Transaction Set Header | М | 1 | | |
| Must Use | 020 | BSI | Beginning Segment for Order Status Inquiry | М | 1 | | |
| Not Used | 030 | NTE | Note/Special Instruction | 0 | 100 | | |

Detail:

| | Pos. <u>No.</u> | Seg. <u>ID</u> | <u>Name</u> | Req. <u>Des.</u> | <u>Max.Use</u> | Loop <u>Repeat</u> | Notes and Comments |
|----------|--------------------|-------------------|---------------------------------------|---------------------|----------------|-----------------------|-----------------------|
| | | | LOOP ID - HL | | | >1 | |
| Must Use | 010 | HL | Hierarchical Level | М | 1 | | |
| | 020 | PRF | Purchase Order Reference | 0 | 1 | | |
| Not Used | 030 | DTM | Date/Time Reference | Ο | 10 | | |
| Not Used | 050 | LIN | Item Identification | Ο | >1 | | |
| Not Used | 060 | PID | Product/Item Description | 0 | 1000 | | |
| Not Used | 070 | MEA | Measurements | 0 | 40 | | |
| Not Used | 080 | QTY | Quantity | 0 | 1 | | |
| Not Used | 100 | GF | Furnished Goods and Services | Ο | 1 | | |
| | | | LOOP ID - REF | | | >1 | |
| Not Used | 105 | REF | Reference Identification | 0 | 1 | | |
| Not Used | 108 | DTM | Date/Time Reference | 0 | >1 | | |
| | | | LOOP ID - N1 | | | >1 | |
| | 110 | N1 | Name | 0 | 1 | | |
| Not Used | 120 | N2 | Additional Name Information | 0 | 2 | | |
| Not Used | 130 | N3 | Address Information | 0 | 2 | | |
| Not Used | 140 | N4 | Geographic Location | 0 | 1 | | |
| Not Used | 150 | REF | Reference Identification | Ο | 12 | | |
| Not Used | 160 | PER | Administrative Communications Contact | 0 | 3 | | |
| | | | LOOP ID - LM | | | >1 | |
| Not Used | 170 | LM | Code Source Information | 0 | 1 | | |
| Not Used | 180 | LQ | Industry Code | М | >1 | | |
| | | | LOOP ID - FA1 | | | >1 | |
| Not Used | 190 | FA1 | Type of Financial Accounting Data | 0 | 1 | | |
| Not Used | 200 | FA2 | Accounting Data | М | >1 | | |

Summary:

| | Pos. | Seg. | | Req. | | Loop | Notes and |
|----------|------------|-----------|-------------------------|-------------|----------------|---------------|-----------------|
| | <u>No.</u> | <u>ID</u> | <u>Name</u> | <u>Des.</u> | <u>Max.Use</u> | <u>Repeat</u> | Comments |
| | 010 | CTT | Transaction Totals | 0 | 1 | | n1 |
| Must Use | 020 | SE | Transaction Set Trailer | M | 1 | | |



Transaction Set Notes

1. CTT01 is the number of HL segments.



Segment: **ST** Transaction Set Header

Position: 010

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose:

To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes: 1 The transaction se

The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction

Set).

Comments:

Data Element Summary

| Must Use | Ref. <u>Des.</u> ST01 | Data <u>Element</u> 143 | Name Transaction Set Identifier Code | <u>Attı</u> M | ributes ID 3/3 |
|-------------|-----------------------------|-------------------------------|--|------------------|-------------------|
| Must Use | ST02 | 329 | Code uniquely identifying a Transaction Set 869 Order Status Inquiry Transaction Set Control Number | М | AN 4/9 |

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.



Segment: **BSI** Beginning Segment for Order Status Inquiry

Position: 020

Loop:

Level: Heading **Usage**: Mandatory

Max Use:

Purpose: To indicate the beginning of an order status inquiry and provide the type

of customer status inquiry

Syntax Notes:

Semantic Notes: 1 BSI01 is a status inquiry reference number.

BSI02 is date of the inquiry.BSI06 is time of the inquiry.

Comments:

Notes: BSI03 refers to specific purchase orders identified in the PRF01 data

element.

Data Element Summary

| | Ref. | Data | | | | | |
|---------------------------|-------------|----------------|--|-------------|----------------|--|--|
| | <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attı</u> | <u>ributes</u> | | |
| Must Use | BSI01 | 127 | Reference Identification | М | AN 1/30 | | |
| | | | Reference information as defined for a particular T or as specified by the Reference Identification Qual | | | | |
| Must Use | BSI02 | 373 | Date | М | DT 8/8 | | |
| | DCIOS | 0.47 | Date expressed as CCYYMMDD | | ID 1/2 | | |
| Must Use | BSI03 | 847 | Order/Item Code | М | ID 1/2 | | |
| | | | Code identifying a group of orders and items PA Selected Orders – All Items | | | | |
| Not Used | BSI04 | 848 | Product/Date Code | 0 | ID 1/2 | | |
| 000 | | | Code indicating whether the inquiry is based on prodate parameters | odu | cts and/or | | |
| | | | Refer to 004010 Data Element Dictionary for acceptually. | tabl | e code | | |
| | BSI05 | 849 | Location Code | 0 | ID 1/2 | | |
| | 20.00 | 55105 045 | Code indicating the selection of a supplier's and/or buyer's locations or group of locations | | | | |
| EDIFICE USAGE: Depending. | | | | | | | |
| | | | N104 is used to convey specific locations needing an order | | | | |
| | | | status. | | | | |
| | | | SL Selected Buyer Location(s) | | | | |



| Not Used | BSI06 | 337 | Time | 0 | TM 4/8 | | |
|-------------|-------|-----|--|------|---------|--|--|
| 0304 | | | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and D = decimal seconds; decimal seconds are expressed as follows: tenths (0-9) and DD = hundredths (00-99) | | | | |
| Not Used | BSI07 | 353 | Transaction Set Purpose Code | 0 | ID 2/2 | | |
| | | | Code identifying purpose of transaction set Refer to 004010 Data Element Dictionary for accep values. | tabl | le code | | |
| Not Used | BSI08 | 640 | Transaction Type Code | 0 | ID 2/2 | | |
| 0000 | | | Code specifying the type of transaction | | | | |
| | | | Refer to 004010 Data Element Dictionary for acceptalues. | tabl | le code | | |
| Not Used | BSI09 | 306 | Action Code | 0 | ID 1/2 | | |
| oscu | | | Code indicating type of action Refer to 004010 Data Element Dictionary for acceptable code values. | | | | |



Segment: **HL** Hierarchical Level

Position: 010

Loop: HL Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related

groups of data segments

Syntax Notes: Semantic Notes:

Comments:

1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.

The HL segment defines a top-down/left-right ordered structure.

- 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
- 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Data Element Summary

| | Ref. | Data | News | • | | 21 |
|------|-------------|----------------|-------------------|--|-------|----------------|
| | <u>Des.</u> | <u>Element</u> | <u>name</u> | | Att | <u>ributes</u> |
| Must | HL01 | 628 | Hierarchical ID | Number | М | AN 1/12 |
| Use | | | | | | • |
| | | | A unique numbe | er assigned by the sender to identi | fy a | particular |
| | | | data segment in | a hierarchical structure | | • |
| | HL02 | 734 | Hierarchical Par | ent ID Number | 0 | AN 1/12 |
| | | | Identification nu | ımber of the next higher hierarchi | cal d | ata |
| | | | | e data segment being described is | | |
| | | | EDIFICE USAGE: | | Jub | oraniate to |
| | | | | • | | |
| Must | HL03 | 735 | Hierarchical Lev | /el Code | М | ID 1/2 |
| Use | | | | | | |
| | | | Code defining th | ne characteristic of a level in a hier | arch | ical |
| | | | structure | | | |
| | | | В | Buyer's Location | | |
| | | | 0 | Order | | |



HL04 736 Hierarchical Child Code

O ID 1/1

Code indicating if there are hierarchical child data segments subordinate to the level being described

EDIFICE USAGE: Optional.

Refer to 004010 Data Element Dictionary for acceptable code values.



Segment: PRF Purchase Order Reference

Position: 020

Loop: HL Mandatory

Level: Detail
Usage: Optional

Max Use: 1

Purpose: To provide reference to a specific purchase order

Syntax Notes:

Semantic Notes: 1 PRF04 is the date assigned by the purchaser to purchase order.

Comments:

Notes: Use this segment to ask for the order status on specific purchase orders.

Data Element Summary

| | Ref. | Data | | | _ |
|-------------|-------------|----------------|--|-------------|---------------|
| | <u>Des.</u> | <u>Element</u> | | <u>Attr</u> | <u>ibutes</u> |
| Must Use | PRF01 | 324 | Purchase Order Number | М | AN 1/22 |
| | | | Identifying number for Purchase Order assigned by orderer/purchaser | the | |
| | | | EDIFICE recommends a 1/6 data element size. | | |
| | PRF02 | 328 | Release Number | 0 | AN 1/30 |
| | | | Number identifying a release against a Purchase Opplaced by the parties involved in the transaction | rder | previously |
| | | | EDIFICE USAGE: Optional. | | |
| | PRF03 | 327 | Change Order Sequence Number | 0 | AN 1/8 |
| | | | Number assigned by the orderer identifying a spec revision to a previously transmitted transaction set | | hange or |
| | | | EDIFICE USAGE: Optional. | | |
| Not Used | PRF04 | 373 | Date | 0 | DT 8/8 |
| | | | Date expressed as CCYYMMDD | | |
| Not Used | PRF05 | 350 | Assigned Identification | 0 | AN 1/20 |
| | | | Alphanumeric characters assigned for differentiation transaction set | on w | ithin a |
| Not | PRF06 | 367 | Contract Number | 0 | AN 1/30 |
| Used | | | Combined more house | | |
| Nise | DD E 0.7 | 00 | Contract number | _ | ID 2 /2 |
| Not Used | PRF07 | 92 | Purchase Order Type Code | 0 | ID 2/2 |
| | | | Code specifying the type of Purchase Order Refer to 004010 Data Element Dictionary for acceptalues. | otabl | e code |



Segment: N1 Name

Position: 110

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment, used alone, provides the most efficient method of

providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the

transaction processing party.

2 N105 and N106 further define the type of entity in N101.

Notes: Use this segment only to ask for the order status for specific ship-to

locations. This segment is not used when asking for specific purchase

orders.

Data Element Summary

| | Ref. | Data | Data Licino | int Summary | | |
|-------------|------|----------------|------------------------------------|--|------------|----------------------|
| | Des. | Element | Name | | Attr | <u>ributes</u> |
| Must Use | N101 | 98 | Entity Identifier | | М | ID 2/3 |
| | | | Code identifying property or an in | an organizational entity, a physica | ıl lo | cation, |
| | | | ST | Ship To | | |
| | N102 | 93 | Name Free-form name | | X | AN 1/60 |
| | N103 | 66 | Identification Co | g the system/method of code struc | X cture | ID 1/2 e used for |
| | | | EDIFICE USAGE: | | | |
| | | | 1 | D-U-N-S Number, Dun & Bradstre | et | |
| | | | 9 | D-U-N-S+4, D-U-N-S Number w | | our |
| | | | | Character Suffix | | |
| | | | 14 | UCC/EAN Location Code Prefix | | |
| | | | | The first part of a 13 digit UCC/E | AN L | _ocation |
| | | | | Code within the Uniform Code Co | | |
| | | | | and International Article Number | | |
| | | | | (EAN) numbering system. A globa | | |
| | | | | to 10 digit code for the identificat | tion | of a |
| | | | 0.1 | company | | |
| | | | 91 92 | Assigned by Seller or Seller's Ager Assigned by Buyer or Buyer's Ager | | |
| | N104 | 67 | Identification Co | | X | AN 2/80 |
| | NIOT | 07 | | a party or other code | ^ | AN 2/00 |
| | | | EDIFICE USAGE: | | | |
| | | | | | | |

Use N104 if BSI05 is used.



| Not Used | N105 | 706 | Entity Relationship Code | 0 | ID 2/2 |
|-------------|------|-----|--|-------|---------|
| | | | Code describing entity relationship | | |
| | | | Refer to 004010 Data Element Dictionary for accept values. | tabl | e code |
| Not Used | N106 | 98 | Entity Identifier Code | 0 | ID 2/3 |
| osea | | | Code identifying an organizational entity, a physica property or an individual | al lo | cation, |
| | | | Refer to 004010 Data Element Dictionary for acceptalues. | tabl | e code |



Segment: CTT Transaction Totals

Position: 010

Loop:

Level: Summary Usage: Optional

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction setSyntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment is intended to provide hash totals to validate

transaction completeness and correctness.

Notes: EDIFICE USAGE: Advised.

Data Element Summary

| Ref. Des | Data Flement | Name | Δtt | ributes |
|-------------|--|--|---|---|
| CTT01 | 354 | Number of Line Items | M | NO 1/6 |
| | | Total number of line items in the transaction set | | |
| | | | et. | |
| CTT02 | 347 | Hash Total | 0 | R 1/10 |
| | | data element will be summed without regard to de (explicit or implicit) or signs. Truncation will occur most digits if the sum is greater than the maximum hash total of the data element. Example:0018 F of value being hashed18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. Fourth occurrence of value being hashed | cima on sizi irst d alue ed. 1 | al points the left ze of the occurrence being 8.01 855 Hash |
| CTT03 | 81 | Weight | X | R 1/10 |
| | | | | |
| CTT04 | 355 | Unit or Basis for Measurement Code | X | ID 2/2 |
| | | manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acce | - | |
| CTT05 | 183 | Volume | X | R 1/8 |
| | Des. CTT01 CTT02 CTT03 CTT04 | Des. Element CTT01 354 CTT02 347 CTT03 81 CTT04 355 | Des. Element Number of Line Items Total number of line items in the transaction set Total number of HL segments in the transaction set Total number of HL segments in the transaction set Total number of HL segments in the transaction set Total number of HL segments in the transaction set Total number of HL segments in the transaction set Total number of HL segments in the transaction set Total number of HL segments in the transaction set Total number of HL segments. All value data element. All value data element will be summed without regard to de (explicit or implicit) or signs. Truncation will occur most digits if the sum is greater than the maximum hash total of the data element. Example:0018 F of value being hashed. 1.8 Third occurrence of value being hashed. Fourth occurrence of value being hashed. Total prior to truncation. 855 Hash total after truncation three-digit field. CTT03 81 Weight Numeric value of weight CTT04 355 Unit or Basis for Measurement Code Code specifying the units in which a value is being manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptables. | Des. Element Name Number of Line Items M |

Value of volumetric measure



| Not Used | CTT06 | 355 | Unit or Basis for Measurement Code | X | ID 2/2 |
|-------------|-------|-----|---|------|-----------|
| | | | Code specifying the units in which a value is being manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptalues. | • | · |
| Not Used | CTT07 | 352 | Description | 0 | AN 1/80 |
| | | | A free-form description to clarify the related data their content | elem | ients and |



Segment: **SE** Transaction Set Trailer

Position: 020

Loop:

Level: Summary Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the

transmitted segments (including the beginning (ST) and ending (SE)

segments)

Syntax Notes: Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

| Must Use | Ref. <u>Des.</u> SE01 | Data <u>Element</u> 96 | Name Number of Included Segments | | ributes NO 1/10 |
|-------------|-----------------------------|------------------------------|--|------|--------------------|
| | | | Total number of segments included in a transactio ST and SE segments | n se | t including |
| Must Use | SE02 | 329 | Transaction Set Control Number | М | AN 4/9 |

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.



869 Order Status Inquiry Examples

869 Example 1 - Inquiry for Specific Purchase Orders

This is an example of requesting the order status for specific purchase orders.

Example 1 Summary

| ST Transaction Set Header |
|--|
| BSI Beginning Segment for Order Status |
| Inquiry |
| |
| HL Hierarchical Level |
| PRF Purchase Order Reference |
| HL Hierarchical Level |
| PRF Purchase Order Reference |
| HL Hierarchical Level |
| PRF Purchase Order Reference |
| |
| CTT Transaction Totals |
| SE Transaction Set Trailer |
| |

Example 1 Explanation

| HEADER SECTION | |
|------------------------|---|
| ST*869*02044' | ST Transaction Set Header |
| | ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 869 Order Status Inquiry |
| | ST02/329 Transaction Set Control Number [M/AN 4/9]: 02044 |
| BSI*81812*19980308*PA' | BSI Beginning Segment for Order Status Inquiry |
| | BSI01/127 Reference Identification [M/AN 1/30]: 81812 (order status request number) |
| | BSI02/373 Date [M/DT 8/8]: 19980308 (March 8, 1998) |
| | BSI03/847 Order/Item Code [M/ID 1/2]: PA (The request is for a specific order.) |
| DETAIL SECTION | |
| HL*1**O' | HL Hierarchical Level |
| | HL01/628 Hierarchical ID Number [M/AN 1/12]: 1 (This counts each HL in this transaction.) |
| | HL03/734 Hierarchical Level Code [M/ID 1/2]: O (The hierarchical level code is order since the loop requests information about a purchase order.) |



| PRF*98765' | PRF Purchase Order Reference |
|-----------------|---|
| | PRF01/324 Purchase Order Number [M/AN |
| | 1/22]: 98765 (The order status for purchase |
| | order 98765 is requested.) |
| HL*2**O' | HL Hierarchical Level |
| | HL01/628 Hierarchical ID Number [M/AN 1/12]: 2 (This counts each HL in this transaction.) |
| | HL03/734 Hierarchical Level Code [M/ID 1/2]: O |
| | (The hierarchical level code is order since the |
| | loop requests information about a purchase |
| PRF*98766' | order.) PRF Purchase Order Reference |
| 1111 307 00 | PRF01/324 Purchase Order Number [M/AN |
| | 1/22]: 98766 (The order status for purchase |
| | order 98766 is requested.) |
| HL*3**O' | HL Hierarchical Level |
| | HL01/628 Hierarchical ID Number [M/AN 1/12]: |
| | 3 (This counts each HL in this transaction.) |
| | HL03/734 Hierarchical Level Code [M/ID 1/2]: O |
| | (The hierarchical level code is order since the |
| | loop requests information about a purchase |
| | order.) |
| PRF*98767' | PRF Purchase Order Reference |
| | PRF01/324 Purchase Order Number [M/AN |
| | 1/22]: 98767 (The order status for purchase |
| | order 98767 is requested.) |
| SUMMARY SECTION | |
| CTT*3' | CTT Transaction Totals |
| | CTT01/354 Number of Line Items [M/N0 1/6]: 3 |
| | (Count of HL segments in the transaction) |
| SE*10*02044' | SE Transaction Set Trailer |
| | SE01/96 Number of Included Segments [M/N0 |
| | 1/10]: 10 (count of segments in this transaction |
| | set including ST and SE) |
| | SE02/329 Transaction Set Control Number |
| | [M/AN 4/9]: 02044 |



869 Example 2 - Inquiry for Specific Locations

This is an example of requesting the order status for specific ship-to locations.

Example 2 Summary

| HEADER SECTION | |
|----------------------------|--|
| ST*869*02045' | ST Transaction Set Header |
| BSI*81812*19980308*PA**SL' | BSI Beginning Segment for Order Status |
| | Inquiry |
| DETAIL SECTION | |
| HL*1**B' | HL Hierarchical Level |
| N1*ST**92*ABC' | N1 Name |
| N1*ST**92*KLM' | N1 Name |
| N1*ST**92*XYZ' | N1 Name |
| SUMMARY SECTION | |
| CTT*1' | CTT Transaction Totals |
| SE*8*02045' | SE Transaction Set Trailer |

Example 2 Explanation

| HEADER SECTION | |
|----------------------------|--|
| ST*869*02045' | ST Transaction Set Header |
| | ST01/143 Transaction Set Identifier Code [M/ID |
| | 3/3]: 869 Order Status Inquiry |
| | ST02/329 Transaction Set Control Number |
| | [M/AN 4/9]: 02044 |
| BSI*81812*19980308*PA**SL' | BSI Beginning Segment for Order Status |
| | Inquiry |
| | BSI01/127 Reference Identification [M/AN 1/30]: |
| | 81812 (order status request number) |
| | BSI02/373 Date [M/DT 8/8]: 19980308 (March |
| | 8, 1998) |
| | BSI03/847 Order/Item Code [M/ID 1/2]: PA (The |
| | request is for all orders - all items.) |
| | BSI05/849 Location Code [O/ID 1/2]: SL (The |
| | request is for orders within selected buyer |
| | location(s) to be found in N1 segments in the |
| | detail.) |
| DETAIL SECTION | |
| HL*1**B' | HL Hierarchical Level |
| | HL01/628 Hierarchical ID Number [M/AN 1/12]: |
| | 1 (This counts each HL in this transaction.) |
| | HL03/734 Hierarchical Level Code [M/ID 1/2]: B |
| | (The hierarchical level code is buyer's location |
| | since the loop requests information about buyer |
| | locations.) |
| N1*ST**92*ABC' | N1 Name |
| | N101/98 Entity Identifier Code [M/ID 2/3]: ST |



| | (The order status for buyer ship-to location is |
|-----------------|--|
| | requested.) |
| | N103/66 Identification Code Qualifier [X/ID 1/2]: |
| | 92 (The code is assigned by buyer or buyer's |
| | agent.) |
| | N104/67 Identification Code [X/AN 1/20]: ABC |
| | ST (The order status for buyer ship-to location |
| | ABC is requested.) |
| N1*ST**92*KLM' | N1 Name |
| | N101/98 Entity Identifier Code [M/ID 2/3]: ST |
| | ST (The order status for buyer ship-to location is |
| | requested.) |
| | N103/66 Identification Code Qualifier [X/ID 1/2]: |
| | 92 (The code is assigned by buyer or buyer's |
| | agent.) |
| | N104/67 Identification Code [X/AN 1/20]: KLM |
| | ST (The order status for buyer ship-to location |
| | KLM is requested.) |
| N1*ST**92*XYZ' | N1 Name |
| | N101/98 Entity Identifier Code [M/ID 2/3]: ST |
| | ST (The order status for buyer ship-to location is |
| | requested.) |
| | N103/66 Identification Code Qualifier [X/ID 1/2]: |
| | 92 (The code is assigned by buyer or buyer's |
| | agent.) |
| | N104/67 Identification Code [X/AN 1/20]: XYZ |
| | ST (The order status for buyer ship-to location |
| | XYZ is requested.) |
| SUMMARY SECTION | T |
| CTT*1' | CTT Transaction Totals |
| | CTT01/354 Number of Line Items [M/N0 1/6]: 1 |
| | (Count of HL segments in the transaction) |
| SE*8*02045' | SE Transaction Set Trailer |
| | SE01/96 Number of Included Segments [M/N0 |
| | 1/10]: 8 (count of segments in this transaction |
| | set including ST and SE) |
| | SE02/329 Transaction Set Control Number |
| | [M/AN 4/9]: 02045 |