International Truck and Engine Corporation

EDI 870 -- Order Status Report

VERSION: ANSI ASC X12 Version Release 3020 FINAL

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Trading Partner:	**Truck Marketing**
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870　Order Status Report

Functional Group=RS

This standard provides the format and establishes the data contents of an order status report transaction set. The order status report transaction set provides the ability to report on the current status of an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The report format allows for the inclusion of "reasons" relative to the status of the purchase order(s). This transaction set may also be used to update the supplier's scheduled shipment or delivery date(s). This transaction set can result from either an inquiry (via the Order Status Inquiry Transaction Set [869]) or a prearranged schedule agreed to by the trading partners.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Used
020	BSR	Beginning Segment for Order Status Report	M	1			Used
030	NTE	Note/Special Instruction	O	100			Not used
040	REF	Reference Numbers	O	12			Not used
LOOP ID - N1					**200**		
050	N1	Name	O	1			Used
060	N2	Additional Name Information	O	2			Not used
070	N3	Address Information	O	2			Not used
080	N4	Geographic Location	O	1			Not used
090	REF	Reference Numbers	O	12			Not used
100	PER	Administrative Communications Contact	O	3			Not used
110	DTM	Date/Time Reference	O	10			Not used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
010	HL	Hierarchical Level	M	1			Used
020	PRF	Purchase Order Reference	O	1			Used
LOOP ID - ISR					**104**		
030	ISR	Item Status Report	O	1			Not used
040	PID	Product/Item Description	O	6			Not used
050	QTY	Quantity	O	4			Not used
060	REF	Reference Numbers	O	12			Used
070	PER	Administrative Communications Contact	O	3			Not used
080	DTM	Date/Time Reference	O	10			Not used
LOOP ID - N1					**200**		
090	N1	Name	O	1			Not used
100	N2	Additional Name Information	O	2			Not used
110	N3	Address Information	O	2			Not used
120	N4	Geographic Location	O	1			Not used
130	REF	Reference Numbers	O	12			Not used
140	PER	Administrative Communications Contact	O	3			Not used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**1000**		
150	PO1	Purchase Order Baseline Item Data	O	1			Used
160	SLN	Subline Item Detail	O	100			Used
170	PO3	Additional Item Detail	O	1			Not used
180	PID	Product/Item Description	O	1000			Not used
190	MEA	Measurements	O	40			Not used
200	PKG	Marking, Packaging, Loading	O	25			Not used
LOOP ID - ISR					**104**		
210	ISR	Item Status Report	O	1			Used
220	PID	Product/Item Description	O	6			Not used
230	QTY	Quantity	O	4			Not used
240	DTM	Date/Time Reference	O	10			Used
250	N1	Name	O	1			Not used
260	TD1	Carrier Details (Quantity and Weight)	O	1			Not used
270	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Not used
280	TD3	Carrier Details (Equipment)	O	1			Not used
290	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	1			Not used
300	REF	Reference Numbers	O	12			Not used
310	ITA	Allowance, Charge or Service	O	1			Not used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	CTT	Transaction Totals	M	1		N3/010	Must use
020	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/010   The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

ST   Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	**Elements: 2**

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	**143**	**Transaction Set Identifier Code**	**M**	**ID**	**3/3**	**Used**

Description: Code uniquely identifying a Transaction Set.

Code	Name
870	X12.23 Order Status Report

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	**329**	**Transaction Set Control Number**	**M**	**AN**	**4/9**	**Used**

Description: Identifying control number assigned by the originator for a transaction set.

Comments:

1. The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Trading Partner:
Example:
ST*870*0001 n/l

BSR   Beginning Segment for Order Status Report

Pos: 020	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 10**

To indicate the beginning of an Order Status Report.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	**850**	**Status Report Code**	**M**	**ID**	**1/2**	**Used**

Description: Code indicating the reason for sending the report

Code	Name
2	Prearranged Schedule or Agreement

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR02	**847**	**Order/Item Code**	**M**	**ID**	**1/2**	**Used**

Description: Code identifying a group of orders and items.

Code	Name
PP	Selected Orders - Selected Items

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR03	**127**	**Reference Number**	**M**	**AN**	**1/30**	**Used**

Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Trading Partner: International will use the constant "870".

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR04	**373**	**Date**	**M**	**DT**	**6/6**	**Used**

Description: Date (YYMMDD).

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR05	**848**	**Product/Date Code**	**O**	**ID**	**1/2**	**Not used**

Description: Code indicating whether the inquiry is based on products and/or date parameters.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR06	**849**	**Location Code**	**O**	**ID**	**1/2**	**Not used**

Description: Code indicating the selection of a supplier's and/or buyer's locations or group of locations.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR07	**337**	**Time**	**O**	**TM**	**4/6**	**Not used**

Description: Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR08	**127**	**Reference Number**	**O**	**AN**	**1/30**	**Not used**

Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR09	**373**	**Date**	**O**	**DT**	**6/6**	**Not used**

Description: Date (YYMMDD).

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR10	**337**	**Time**	**O**	**TM**	**4/6**	**Not used**

Description: Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Comments:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Trading Partner:

Example:
BSR*2*PP*870*001201 n/l

N1   Name

<table>
<tr><td>Pos: 050</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 4</td></tr>
</table>

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	Entity Identifier Code	M	ID	2/2	Used

Description: Code identifying an organizational entity or a physical location.

Code	Name
MF	Manufacturer of Goods
ND	Next Destination

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	Name	C	AN	1/35	Used

Description: Free-form name.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	Identification Code Qualifier	C	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67).

Code	Name
93	Code assigned by the organization originating the transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	Identification Code	C	AN	2/17	Used

Description: Code identifying a party.

Syntax:

R0203 -- At least one of N102 or N103 is required.
P0304 -- If either N103 or N104 are present, then the others are required.

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.

Trading Partner:

Examples:
N1*ND**93*B01234 n/l
N1*MF**93*717 n/l

HL   Hierarchical Level

Pos: 010   Max: 1
Detail - Mandatory
Loop: HL   **Elements: 4**

To identify dependencies among and the content of hierarchically related groups of data segments.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	**628**	**Hierarchical ID Number**	M	AN	1/12	Used
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.				
HL02	**734**	**Hierarchical Parent ID Number**	O	AN	1/12	Not used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.				
HL03	**735**	**Hierarchical Level Code**	M	ID	1/2	Used
		Description: Code defining the characteristic of a level in a hierarchical structure.				

Code	Name
O	Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL04	**736**	**Hierarchical Child Code**	O	ID	1/1	Not used
		Description: Code indicating whether if there are hierarchical child data segments subordinate to the level being described.				

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.
2. The HL segment defines a top-down/left-right ordered structure.
3. 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.
4. HL02 identifies the Hierarchical ID Number of the HL segment to which the current HL segment is subordinate.
5. 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.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Trading Partner:

Example:
HL*1**O n/l
HL*2**O n/l

PRF Purchase Order Reference

Pos: 020	**Max: 1**
Detail - Optional	
Loop: HL	**Elements: 6**

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	**324**	**Purchase Order Number**	**M**	**AN**	**1/22**	**Used**

Description: Identifying number for Purchase Order assigned by the orderer/purchaser.

Trading Partner: Contains International Order Number.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF02	**328**	**Release Number**	**O**	**AN**	**1/30**	**Not used**

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF03	**327**	**Change Order Sequence Number**	**O**	**AN**	**1/8**	**Not used**

Description: Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF04	**323**	**Purchase Order Date**	**O**	**DT**	**6/6**	**Not used**

Description: Date assigned by the purchaser to Purchase Order.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF05	**350**	**Assigned Identification**	**O**	**AN**	**1/11**	**Not used**

Description: Alphanumeric characters assigned for differentiation within a transaction set.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF06	**367**	**Contract Number**	**O**	**AN**	**1/30**	**Not used**

Description: Contract number.

Trading Partner:
Example:
PRF*407863 n/l
PRF*701145 n/l

REF   Reference Numbers

<div style="border:1px solid black; float:right;">

Pos: 060   Max: 12
Detail - Optional
Loop: HL   Elements: 3

</div>

To specify identifying numbers.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	**128**	**Reference Number Qualifier**	**M**	**ID**	**2/2**	**Used**

Description: Code qualifying the Reference Number.

Code	Name
CO	Customer Order Number
MJ	Model Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	**127**	**Reference Number**	**C**	**AN**	**1/30**	**Used**

Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF03	**352**	**Description**	**C**	**AN**	**1/80**	**Used**

Description: A free-form description to clarify the related data elements and their content.

Syntax:

R0203 -- At least one of REF02 or REF03 is required.

Trading Partner:

Examples:
REF*CO*562341 n/l
REF*MJ*BB385*3800 n/l
REF*CO*562392 n/l
REF*MJ*SA495*4900 n/l

PO1 **Purchase Order Baseline Item Data**

<div style="border:1px solid">

Pos: 150   Max: 1
Detail - Optional
Loop: PO1   Elements: 25

</div>

To specify basic and most frequently used purchase order line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	**350**	**Assigned Identification**	**O**	**AN**	**1/11**	**Used**

Description: Alphanumeric characters assigned for differentiation within a transaction set.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO102	**330**	**Quantity Ordered**	**M**	**R**	**1/9**	**Used**

Description: Quantity ordered.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO103	**355**	**Unit of Measurement Code**	**M**	**ID**	**2/2**	**Used**

Description: Code identifying the basic unit of measurement.

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO104	**212**	**Unit Price**	**C**	**R**	**1/14**	**Not used**

Description: Price per unit of product, service, commodity, etc.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO105	**639**	**Basis of Unit Price Code**	**O**	**ID**	**2/2**	**Not used**

Description: Code identifying the type of unit price for an item.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO106	**235**	**Product/Service ID Qualifier**	**O**	**ID**	**2/2**	**Used**

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Code	Name
JN	Job Number
VV	Motor Vehicle ID Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO107	**234**	**Product/Service ID**	**C**	**AN**	**1/30**	**Used**

Description: Identifying number for a product or service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO108	**235**	**Product/Service ID Qualifier**	**O**	**ID**	**2/2**	**Used**

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Code	Name
JN	Job Number
VV	Motor Vehicle ID Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO109	**234**	**Product/Service ID**	**C**	**AN**	**1/30**	**Used**

Description: Identifying number for a product or service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO110	**235**	**Product/Service ID Qualifier**	**O**	**ID**	**2/2**	**Not used**

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO111	**234**	**Product/Service ID**	**C**	**AN**	**1/30**	**Not used**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Identifying number for a product or service.				
PO112	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).				
PO113	234	**Product/Service ID**	C	AN	1/30	Not used
		Description: Identifying number for a product or service.				
PO114	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).				
PO115	234	**Product/Service ID**	C	AN	1/30	Not used
		Description: Identifying number for a product or service.				
PO116	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).				
PO117	234	**Product/Service ID**	C	AN	1/30	Not used
		Description: Identifying number for a product or service.				
PO118	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).				
PO119	234	**Product/Service ID**	C	AN	1/30	Not used
		Description: Identifying number for a product or service.				
PO120	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).				
PO121	234	**Product/Service ID**	C	AN	1/30	Not used
		Description: Identifying number for a product or service.				
PO122	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).				
PO123	234	**Product/Service ID**	C	AN	1/30	Not used
		Description: Identifying number for a product or service.				
PO124	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).				
PO125	234	**Product/Service ID**	C	AN	1/30	Not used
		Description: Identifying number for a product or service.				

Syntax:

C0504 -- If PO105 is present, then PO104 is required
C0607 -- If PO106 is present, then PO107 is required
C0809 -- If PO108 is present, then PO109 is required
C1011 -- If PO110 is present, then PO111 is required
C1213 -- If PO112 is present, then PO113 is required
C1415 -- If PO114 is present, then PO115 is required
C1617 -- If PO116 is present, then PO117 is required
C1819 -- If PO118 is present, then PO119 is required
C2021 -- If PO120 is present, then PO121 is required
C2223 -- If PO122 is present, then PO123 is required
C2425 -- If PO124 is present, then PO125 is required

Comments:

1.   See the Data Dictionary for a complete list of ID's.
2.   PO101 is the line item identification
3.   PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC
      No., ISBN No., Model No., SKU.

Trading Partner:

Examples:
P01*1*1*EA***JN*337189*VV*IHTSDZ7N1MH337189 n/l
P01*2*1*EA***JN*337190*VV*IHTSDZ7N1MH337190 n/l
P01*3*1*EA***JN*337191 n/l
P01*4*1*EA***JN*337201*VV*IHTSDZ7N1MH337201 n/l

SLN   Subline Item Detail

Pos: 160   Max: 100
Detail - Optional
Loop: PO1   Elements: 28

To specify product subline detail item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/11	**Must use**

Description: Alphanumeric characters assigned for differentiation within a transaction set.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN02	350	**Assigned Identification**	O	AN	1/11	**Not used**

Description: Alphanumeric characters assigned for differentiation within a transaction set.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN03	661	**Configuration Code**	M	ID	1/1	**Used**

Description: Code indicating the relationship of the subline item to the baseline item.

Code	Name
I	Included

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN04	380	**Quantity**	M	R	1/15	**Used**

Description: Numeric value of quantity.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN05	355	**Unit of Measurement Code**	M	ID	2/2	**Used**

Description: Code identifying the basic unit of measurement.

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN06	212	**Unit Price**	C	R	1/14	**Not used**

Description: Price per unit of product, service, commodity, etc.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN07	639	**Basis of Unit Price Code**	O	ID	2/2	**Not used**

Description: Code identifying the type of unit price for an item.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN08	662	**Subline Price Change Code ID**	O	ID	1/1	**Not used**

Description: Code indicating the relationship of the subline item unit price to the baseline item unit price.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN09	235	**Product/Service ID Qualifier**	O	ID	2/2	**Used**

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Trading Partner: * Indicates International assigned unique codes. Data Maintance requestes have been submitted to ANSI X12 to have these codes added to Data Element 235.

Code	Name
AA	American Trucking Association Assembly
AF	American Trucking Association Manufacturer
AP	American Trucking Association Part
AV	Front Axle (Non-driven) Serial Number *

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Code	Name
AY	American Trucking Association System
B9	Front Axle (Driven) Serial Number *
BI	Rear Axle (Non-driven) Serial Number
EB	Fuel Tank Serial Number *
ES	Engine Serial Number
PU	Door Keey Code (On Request)
RH	Radiator Serial Number *
RI	Driven Rear Axle (Front) Serial Number *
RJ	Driven Rear Axle (Back) Serial Number *
S4	Sleeper Box Serial Number *
S5	Sleeper Box Key Serial Number *
SG	Seat Serial Number *
SN	Serial Number (Igition Key)
TF	Transmission (Manual) Serial Number *
TG	Transmission (Automatic) Serial Number *
TH	Transfer Case Serial Number *
TJ	Transmission (Auxiliary) Serial Number

SLN10 **234** **Product/Service ID**   C   AN   1/30   Used

Description: Identifying number for a product or service.

SLN11 **235** **Product/Service ID Qualifier**   O   ID   2/2   Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Trading Partner: Use same list as in first pair of Product/Service ID Qualifiers.

Code	Name
AA	American Trucking Association Assembly
AF	American Trucking Association Manufacturer
AP	American Trucking Association Part
AY	American Trucking Association System

SLN12 **234** **Product/Service ID**   C   AN   1/30   Used

Description: Identifying number for a product or service.

SLN13 **235** **Product/Service ID Qualifier**   O   ID   2/2   Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Trading Partner: Use same list as in first pair of Product/Service ID Qualifiers.

Code	Name
AA	American Trucking Association Assembly
AF	American Trucking Association Manufacturer
AP	American Trucking Association Part
AY	American Trucking Association System

SLN14 **234** **Product/Service ID**   C   AN   1/30   Used

Description: Identifying number for a product or service.

SLN15 **235** **Product/Service ID Qualifier**   O   ID   2/2   Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Trading Partner: Use same list as in first pair of Product/Service ID Qualifiers.

Code	Name
AA	American Trucking Association Assembly
AF	American Trucking Association Manufacturer
AP	American Trucking Association Part
AY	American Trucking Association System

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN16	234	**Product/Service ID**	C	AN	1/30	Used

Description: Identifying number for a product or service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN17	235	**Product/Service ID Qualifier**	O	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Trading Partner: Use same list as in first pair of Product/Service ID Qualifiers.

Code	Name
AA	American Trucking Association Assembly
AF	American Trucking Association Manufacturer
AP	American Trucking Association Part
AY	American Trucking Association System

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN18	234	**Product/Service ID**	C	AN	1/30	Not used

Description: Identifying number for a product or service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN19	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Trading Partner: Use same list as in first pair of Product/Service ID Qualifiers.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN20	234	**Product/Service ID**	C	AN	1/30	Not used

Description: Identifying number for a product or service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN21	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Trading Partner: Use same list as in first pair of Product/Service ID Qualifiers.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN22	234	**Product/Service ID**	C	AN	1/30	Not used

Description: Identifying number for a product or service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN23	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Trading Partner: Use same list as in first pair of Product/Service ID Qualifiers.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN24	234	**Product/Service ID**	C	AN	1/30	Not used

Description: Identifying number for a product or service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN25	**235**	**Product/Service ID Qualifier**	**O**	**ID**	**2/2**	**Not used**

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Trading Partner: Use same list as in first pair of Product/Service ID Qualifiers.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN26	**234**	**Product/Service ID**	**C**	**AN**	**1/30**	**Not used**

Description: Identifying number for a product or service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN27	**235**	**Product/Service ID Qualifier**	**O**	**ID**	**2/2**	**Not used**

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Trading Partner: Use same list as in first pair of Product/Service ID Qualifiers.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN28	**234**	**Product/Service ID**	**C**	**AN**	**1/30**	**Not used**

Description: Identifying number for a product or service.

Syntax:

C0706 -- If SLN07 is present, then SLN06 is required
C0806 -- If SLN08 is present, then SLN06 is required
C0910 -- If SLN09 is present, then SLN10 is required
C1112 -- If SLN11 is present, then SLN12 is required
C1314 -- If SLN13 is present, then SLN14 is required
C1516 -- If SLN15 is present, then SLN16 is required
C1718 -- If SLN17 is present, then SLN18 is required
C1920 -- If SLN19 is present, then SLN20 is required
C2122 -- If SLN21 is present, then SLN22 is required
C2324 -- If SLN23 is present, then SLN24 is required
C2526 -- If SLN25 is present, then SLN26 is required
C2728 -- If SLN27 is present, then SLN28 is required

Comments:

1.   See the Data Dictionary for a complete list of ID's.
2.   SLN01 is the identifying number for the subline item. It is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3.   SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
4.   SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Trading Partner:

Examples:
SLN*4.1**I*1*EA****ES*E1234567*AY*45*AA*000*AP*000 n/l
SLN*4.2**I*1*EA****SN*K276 n/l

ISR   Item Status Report

Pos: 210   Max: 1
Detail - Optional
Loop: ISR   Elements: 3

To specify detailed purchase order/item status.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	**368**	**Shipment/Order Status Code**	**M**	**ID**	**2/2**	**Used**

Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.

Code	Name
IC	Item Canceled
UR	Unsolicited Report

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR02	**373**	**Date**	**O**	**DT**	**6/6**	**Not used**

Description: Date (YYMMDD).

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR03	**641**	**Status Reason Code**	**O**	**ID**	**3/3**	**Not used**

Description: Code indicating the status reason.

Comments:

1.   If ISR01 specifies a date, ISR02 is required.

Trading Partner:
Example:
ISR*UR n/l
ISR*IC n/l

DTM **Date/Time Reference**

<div style="border:1px solid">

Pos: 240   **Max: 10**
Detail - Optional
Loop: ISR   **Elements: 5**

</div>

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	**374**	**Date/Time Qualifier**	**M**	**ID**	**3/3**	**Used**

Description: Code specifying type of date or time, or both date and time.

Code	Name
011	Shipped (from Driveaway)
017	Estimated Delivery (Estimated Build Date)
035	Delivered (To final destination)
070	Scheduled for Delivery (After and Including) (To body plant)(On Request)
080	Scheduled for Shipment (After and Including)(Released to Transporter)(On request)
094	Manufacture (Build Date)
168	Release (Out of plant to Driveaway)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	**373**	**Date**	**C**	**DT**	**6/6**	**Used**

Description: Date (YYMMDD).

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM03	**337**	**Time**	**C**	**TM**	**4/6**	**Not used**

Description: Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM04	**623**	**Time Code**	**O**	**ID**	**2/2**	**Not used**

Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM05	**624**	**Century**	**O**	**N0**	**2/2**	**Not used**

Description: The first two characters in the designation of the year (CCYY).

Syntax:

R0203 -- At least one of DTM02 or DTM03 is required.

Trading Partner:
Examples:
DTM*094*001130 n/l
DTM*168*001130 n/l

CTT Transaction Totals

Pos: 010	**Max: 1**
Summary - Mandatory	
Loop: N/A	**Elements: 7**

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	**Used**

Description: Total number of line items in the transaction set.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT02	347	**Hash Total**	O	R	1/10	**Not used**

Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.Example:-.0018 First occurrence of value being hashed.   .18 Second occurrence of value being hashed.   1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed.------- 1855 Hash total prior to truncation.   855 Hash total after truncation to three-digit field.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT03	81	**Weight**	O	R	1/8	**Not used**

Description: Numeric value of weight.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT04	355	**Unit of Measurement Code**	C	ID	2/2	**Not used**

Description: Code identifying the basic unit of measurement.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT05	183	**Volume**	O	R	1/8	**Not used**

Description: Value of volumetric measure.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT06	355	**Unit of Measurement Code**	C	ID	2/2	**Not used**

Description: Code identifying the basic unit of measurement.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT07	352	**Description**	O	AN	1/80	**Not used**

Description: A free-form description to clarify the related data elements and their content.

Syntax:

C0304 -- If CTT03 is present, then CTT04 is required
C0506 -- If CTT05 is present, then CTT06 is required

Comments:

1.   This segment is intended to provide hash totals to validate transaction completeness and correctness.

Trading Partner:

Example:
CTT*2 n/l

SE Transaction Set Trailer

Pos: 020	**Max: 1**
Summary - Mandatory	
Loop: N/A	**Elements: 2**

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	**96**	**Number of Included Segments**	**M**	**N0**	**1/6**	**Used**

Description: Total number of segments included in a transaction set including ST and SE segments.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	**329**	**Transaction Set Control Number**	**M**	**AN**	**4/9**	**Used**

Description: Identifying control number assigned by the originator for a transaction set.

Comments:

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

Trading Partner:

Example:
SE*27*0001 n/l

International Truck and Engine Corporation

APPENDIX of EXAMPLES

February 6, 2001

NOTE: This document is to be used in conjunction with the International 870 Implementation Guideline to illustrate examples and functional definition of this transaction set.

Example I: Truck Customer Order Status Transaction (870)

EDI DATA ELEMENTS	**INTERPRETATION**
ST*870*0001 n/l	ANSI Transaction Set 870, Transaction Set Control Number is 0001.
BSR*2*PP*870*001201 n/l	Prearranged Status report containing selected order- selected items, Reference Number 870, Report date 12/1/00.
N1*ND**93*B01234 n/l	The next destination is B01234, Code assigned by organization originating the transaction set.
N1*MF**93*717 n/l	The manufacturer of goods is International.
HL*1**O n/l	Initial HL Segment; hierarchical level is order.
PRF*407863 n/l	International Order Number is 407863.
REF*CO*562341 n/l	Customer Order Number is 562341.
REF*MJ*BB385*3800 n/l	The Model Number BB385, Description is 3800.
PO1*1*1*EA***JN*337189*VV*IHTSDZ7N1MH337189 n/l	Assigned Identification 1, Order Quantity1, Unit of Measurement is each, Job Number 337189, Motor Vehicle ID Number IHTSDZ7N1MH337189.
ISR*UR n/l	Unsolicited Report.
DTM*094*001130 n/l	Manufacture (Build Date) 11/30/00.
PO1*2*1*EA***JN*337190*VV*IHTSDZ7N1MH337190 n/l	Assigned Identification 2, Order Quantity 1, Unit of Measurement Each, Job Number 337190 , Motor Vehicle ID Number IHTSDZ7N1MH337190.
ISR*UR n/l	Unsolicited Report.
DTM*094*001130 n/l	Manufacture (Build Date) 11/30/00.
PO1*3*1*EA***JN*337191 n/l	Assigned Identification 3, Order Quantity 1 Unit of Measurement Each, Job Number 337191.
ISR*IC n/l	Item Cancelled.
HL*2**O n/l	Second HL Segment; hierarchical level is order.
PRF*701145 n/l	International Order Number is 701145.
REF*CO*562392 n/l	Customer Order Number is 562392.
REF*MJ*SA495*4900 n/l	Model Number is SA495, Description is 4900.
PO1*4*1*EA***JN*337201*VV*IHTSDZ7N1MH337201 n/l	Assigned Identification 4, Order Quantity 1, Unit of Measurement Each, Job Number 337201 , Motor Vehicle ID Number IHTSDZ7N1MH337201.

<u>Example I: Truck Customer Order Status Transaction (870) (Cont.)</u>

EDI DATA ELEMENTS	**INTERPRETATION**
SLN*4.1**I*1*EA****ES*E1234567*AY* 45*AA*000*AP*000 n/l	Assigned Identification 4.1, Configuration Code Included, Quantity 1, Unit of Measurement Each, Engine Serial Number E1234567, ATA System Code 45, ATA Assembly Code 000, ATA Part Code 000.
SLN*4.2**I*1*EA****SN*K276 n/l	Assigned Identification 4.2, Configuration Code Included, Quantity 1, Unit of Measurement Each, Ignition Key Serial Number K276.
ISR*UR n/l	Unsolicited Report.
DTM*168*001130 n/l	Release (Out of Plant to Drive-away) Date is 11/30/00.
CTT*2 n/l	Total Number of HL Segments is 2.
SE*27*0001 n/l	Number of included segments 27, Transaction Set Control Number 0001.