

Sears EDI Guidelines

870 Order Status Report

v4010

INTRODUCTION

The Order Status Report transaction set allows a vendor to report the status of Sears purchase orders. This transaction may be sent in response to an Order Status Inquiry or it may be initiated by a vendor at any time there is a change in the status of an open order. The VICS Guidelines restrict the occurrence of the PO1 segment to one per HL-Item loop. For ISOS and RSOS the Sears guidelines restrict the 870 transaction to referencing only one Sears purchase order per transaction set. Currently five Sears applications use this transaction set: RSOS - Retail Special Order System, ISOS - Integrated Special Order System, RPC - Repair Parts Centers, SAS - Source Availability System and SDC – Third Party Warehouses.

Integrated Special Order System (ISOS)

Retail Special Order System (RSOS)

For ISOS and RSOS vendors, the Order Status report may be a response to an 869 Order Status Inquiry or initiated by the vendor when there is a change to the status of an order or an item. For broadloom carpet vendors, this transaction is used to provide the mill order number to Sears. The 870 transaction set is required for all ISOS and RSOS trading partners.

- **IMPORTANT NOTE:** For Sears.com orders (N104 contains unit 9300 when N101 contains code BY), all 870 transactions must be sent with the item detail, even if the change affects all items on the purchase order.
- Do not send an 870 the same day that you receive the 850 Purchase Order, you must wait at least one day. Sears needs one day to add the order to all of our internal systems, or the 870 will not process correctly.
- For a Cancellation, report only the item(s) being canceled. Report the Shipment/Order Status Code (ISR01) and Status Reason Code (ISR03) for any order or item that you cancel.
- For shipping delays, report the delay and notify the ordering customer of the delay in shipping.
- If you have shipped the order, use the 856 to notify Sears of shipment.

ISA/GS Qualifier, Receiver ID

ISOS PRODUCTION	08, 6111250059
RSOS PRODUCTION	08, 6111250057

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SAS (Source Availability System)

SAS vendors will initiate the Order Status Report to notify Sears of a ship date change or when an item cannot be shipped at all, e.g., item is discontinued. All 870's for SAS must contain item level detail.

- When the ship date changes, report the Shipment/Order Status Code (ISR01) and ship date change (ISR02) for every item on the order. Report the Status Reason Code (ISR03) only on the item(s) that caused the delay.
- For a Cancellation, report only the item(s) being canceled. SAS requires that you report the Shipment/Order Status Code (ISR01) and Status Reason Code (ISR03) for any item that you cancel.

ISA/GS Qualifier, Receiver ID

TEST	08, 6111250021
PRODUCTION	08, 6111250022

Repair Parts Centers (RPC)

Selected RPC suppliers will be requested to send the 870 Order Status Report once each week reporting the status of all open RPC orders in the your system: work in process, backorders, etc. Since the RPC 870 is scheduled rather than event-driven like RSOS, ISOS and SAS, the 870 may include many HL-Order loops, each referencing a different Sears purchase order. However, per the VICS Guidelines, the PO1 loop is restricted to one occurrence per HL-Item loop.

ISA/GS Qualifier, Receiver ID

TEST	08, 6111250019
PRODUCTION	08, 6111250016

Third Party warehouse (SDC)

The Order Status report is used by Third Party Warehouses to advise of any balance cancels and perform P.O. Maintenance on the Sears on-order file. All 870's for SDC must contain item level detail.

ISA/GS Qualifier, Receiver ID

TEST	08, 6111250023
PRODUCTION	08, 6111250011

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Functional Group ID=**RS**

Transaction Set Table

Header

<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
ST	Transaction Set Header	M	1	
BSR	Beginning Segment for Order Status Report	M	1	
LOOP ID - N1				200
N1	Name	O	1	

Detail - Order level

<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
LOOP ID - HL				1000
HL	Hierarchical Level	M	1	
PRF	Purchase Order Reference	O	1	
LOOP ID - ISR				104
ISR	Item Status Report	O	1	
DTM	Date/Time Reference	O	>1	
LOOP ID - REF				>1
REF	Reference Identification	O	1	
LOOP ID - N1				200
N1	Name	O	1	

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Detail - Item level

<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
	LOOP ID - HL			1000
HL	Hierarchical Level	O	1	
REF	Reference Identification	O	1	
	LOOP ID - PO1			1
PO1	Baseline Item Data	O	1	
	LOOP ID - ISR			1
ISR	Item Status Report	O	1	
QTY	Quantity	O	1	

Summary

<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
SE	Transaction Set Trailer	M	1	

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Segment: **ST** Transaction Set Header
Loop:
Level: Header
Usage: Mandatory
Max Use: 1

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Sears'</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>
ST01	143	Transaction Set Identifier Code 870 Order Status Report	M ID 3/3
ST02	329	Transaction Set Control Number	M AN 4/9

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Segment: **BSR** Beginning Segment for Order Status Report
 Loop:
 Level: Header
 Usage: Mandatory
 Max Use: 1

- Notes:**
1. Item detail is required for all ISOS, RPC and SAS 870s.
 2. For RSOS and ISOS, time created (BSR07) is mandatory.
 3. Time is expressed using a 24 hour clock.
 4. The 870 may be generated in response to an 869, on a scheduled basis or as an unsolicited report to advise Sears of changes to the status of an order or an item.
 5. For RSOS, when BSR02 contains code PA, no item levels should be sent. When BSR02 contains code PP, item status must be reported, but only for those items which have a change in status.
 6. For RSOS and ISOS, if the 870 report is in response to an 869, then BSR01 should contain code 1 and BSR08 should reference the document number of the associated 869.
 7. For RSOS, when the 870 is used to send Sears your Mill Order Number, BSR01 must contain code 2.
 8. For RPC, BSR01 must contain code 2 and BSR03 must contain code PP. Item detail is required.
 9. For SAS, BSR01 must contain code 3 and BSR02 must contain code PP. Item detail is required.
 10. For ISOS, BSR02 must contain code PP. Item detail is required.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
BSR01	850	Status Report Code	M ID 1/1
		1 Response to an Order Status Inquiry (869)	
		2 Prearranged Schedule or Agreement	
		3 Unsolicited Report	
BSR02	847	Order/Item Code	M ID 22
		PA Selected Orders - All Items	
		PP Selected Orders - Selected Items	
BSR03	127	Reference Identification	M AN 1/30
		Number assigned by the sender to uniquely identify this transaction	
BSR04	373	Date	M DT 8/8
		Date created	
Not Used	BSR05	848 Product/Date Code	
Not Used	BSR06	849 Location Code	
	BSR07	337 Time	C TM 4/4
		Time created (HHMM)	

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	<u>Ref.</u>	<u>Data</u>		<u>Sears'</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	BSR08	127	Reference Identification	<input type="radio"/> AN 1/30
Not Used	BSR09	373	Date	<input type="radio"/> DT 8/8
Not Used	BSR10	337	Time	<input type="radio"/> TM 4/8
Not Used	BSR11	353	Transaction Set Purpose Code	<input type="radio"/> ID 2/2
Not Used	BSR12	306	Action Code	<input type="radio"/> ID 1/2

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Segment: **N1** Name
Loop: N1
Level: Header
Usage: Conditional for Sears – RPC only
Max Use: 1

Notes: 1. This segment is used only on RPC Order Status Reports to identify the supplier.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Sears'</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	N101	98	Entity Identifier Code SF Ship From	M ID 2/3
Not Used	N102	93	Name	
	N103	66	Identification Code Qualifier 92 Assigned by Buyer or Buyer's Agent	M ID 2/2
	N104	67	Identification Code 6 - 6 Sears assigned supplier code	M AN 6/6
Not Used	N105	706	Entity Relationship Code	
Not Used	N106	98	Entity Identifier Code	

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Segment: **HL** Hierarchical Level
Loop: HL
Level: Detail - Order
Usage: Mandatory
Max Use: 1 for ISOS and RSOS; 1 per order-level HL loop for RPC and SAS

- Notes:**
1. This HL segment indicates the beginning of the order level detail of the status inquiry. For ISOS and RSOS, only one Sears purchase order may be referenced per transaction set. For RPC and SAS, many order levels and orders can be included in the same transaction.
 2. The value in HL01 will always be 1 for the first occurrence of the HL segment in the transaction set and will be incremented by 1 for each additional occurrence of the segment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Sears'</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	HL01	628	Hierarchical ID Number	M AN 1/12
Not Used	HL02	734	Hierarchical Parent ID Number	
	HL03	735	Hierarchical Level Code O Order	M ID 1/1
Not Used	HL04	736	Hierarchical Child Code	

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Segment: **PRF** Purchase Order Reference
Loop: HL
Level: Detail - Order
Usage: Required by Sears
Max Use: 1 per order-level HL loop

- Notes:** 1. The PRF segment references the original purchase order number and purchase order date for which status is reported. This data is from the BEG segment of the 850.

Data Element Summary			
Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	PRF01	324 Purchase Order Number 6 - 22 PO number	M AN 1/22
Not Used	PRF02	328 Release Number	
Not Used	PRF03	327 Change Order Sequence Number	
	PRF04	373 Date PO date	M DT 8/8
Not Used	PRF05	350 Assigned Identification	
Not Used	PRF06	367 Contract Number	
Not Used	PRF07	92 Purchase Order Type Code	

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Segment: **ISR** Item Status Report
Loop: ISR
Level: Detail - Order
Usage: Conditional for Sears – non-Sears.com RSOS order level changes only.
Max Use: 1

- Notes:**
1. Status for Sears.com RSOS and ISOS orders must be stated at the item level. Therefore this segment must not be used for Sears.com orders (bill to unit is 9300; N1*BY**92*9300).
 2. Status may be reported at the order level for RSOS 870 for store merchandise (including TGI) only. This segment is not used at this level for ISOS, RPC or SAS; report status at the item level.
 3. If ISR01 contains code ED, a date is required in ISR02. This is the 'new' or revised ship date.
 4. For RSOS, this segment is not used when BSR01 contains code 2 (870 issued to report your Mill Order Number).
 5. For RSOS, if ISR01 contains code DE, then the reason for the delete must be specified in ISR03.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Sears'</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>
ISR01	368	Shipment/Order Status Code RSOS codes: DE Deleted Order ED Expect to Ship By (Date) NN Not in Process - No Shipping Schedule PO not found	M ID 2/2
ISR02	373	Date	O DT 8/8
ISR03	641	Status Reason Code RSOS codes: A05 Unable To Locate Invalid Sears item/SKU number C03 Suspended at Customer Request Item discontinued by Sears C06 Waiting Shipping Instructions Invalid shipment method on the PO P01 Processing Delay Invalid dimensions on the PO ZZZ Mutually defined Invalid vendor item or color number	O ID 3/3

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Segment: **DTM** Date/Time Reference
Loop:
Level: Detail - Order
Usage: Conditional for Sears – ISOS, RSOS and SAS only
Max Use: 1 per order-level HL loop

- Notes:**
1. This segment is required by SAS, RSOS and ISOS to specify the current scheduled ship date for the order. This may be the original requested date from the order or the date as revised by an 860 or previously transmitted 870 transaction set.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
DTM01	374	Date/Time Qualifier 068 Current Schedule Ship	M ID 3/3
DTM02	373	Date	X DT 8/8
Not Used	DTM03	337 Time	X TM 4/8
Not Used	DTM04	623 Time Code	O ID 2/2
Not Used	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
Not Used	DTM06	1251 Date Time Period	X AN 1/35

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Segment: **REF** Reference Identification
Loop: REF
Level: Detail - Order
Usage: Required by Sears
Max Use: 1 per REF loop; REF loop may repeat 3 times per order-level HL loop

- Notes:**
1. SAS requires three iterations of the REF segment; the REF*DP, REF*IA and REF*CO. The 12-position Customer Order Number (Ordering unit + sales check number) must be returned in the same format as sent on the 850 Purchase Order in REF*CO.
 2. For RSOS and ISOS, 2 iterations of the REF segment are required to specify department number and internal vendor number. These are the same values sent on the referenced purchase order. For selected RSOS merchandise, the REF*MI is used to communicate the Mill Order Number.
 3. For RPC, two iterations of the REF segment are required to specify the division number and merchandise type code from the purchase order.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Sears' Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/3
		ISOS codes:	
		DP Department Number	
		IA Internal Vendor Number	
		RPC codes:	
		19 Division Identifier	
		CO Customer Order Number	
		MR Merchandise Type Code	
		RSOS codes:	
		DP Department Number	
		IA Internal Vendor Number	
		MI Mill Order Number	
		SAS codes:	
		CO Customer Order Number	
		DP Department Number	
		IA Internal Vendor Number	

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<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Sears'</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>
REF02	127	Reference Identification	M AN 3/30
		3 - 3 Division identifier (REF01=19)	
		12 - 12 Customer order number (REF01=CO)	
		3 - 3 Department number (REF01=DP)	
		9 - 9 Internal vendor number (REF01=IA)	
		8 - 30 Mill order number (REF01=MI)	
		3 - 6 Merchandise type code (REF01=MR)	
Not Used	REF03	352 Description	
Not Used	REF04	C040 Reference Identifier	

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Segment: **N1** Name
Loop: N1
Level: Detail - Order
Usage: Conditional for Sears – used for all except RPC depot response
Max Use: 1 per N1 loop; N1 loop may repeat 3 times per REF loop

- Notes:**
1. SAS requires three iterations of the N1 segment; N1*BY, N1*ST and N1*SF. These are the same values supplied on the 850 purchase order.
 2. The N1*BY segment must be sent on every status report, except for RPC depot response. The N104 data is the Sears-assigned unit number which will be billed for the merchandise. The value entered in N104 will be the same value sent on the purchase order in the N1*BY segment.

Data Element Summary

Ref. Des.	Data Element	Name	Sears' Attributes
N101	98	Entity Identifier Code ISOS, RPC and RSOS code: BY Buying Party (Purchaser) SAS codes: BY Buying Party (Purchaser) SF Ship From ST Ship To	M ID 2/2
Not Used	N102	93 Name	
	N103	66 Identification Code Qualifier 92 Assigned by Buyer or Buyer's Agent	M ID 2/2
	N104	67 Identification Code 4 - 7 Buying party (Bill to) (N101=BY) 9 - 9 Ship point location code (vendor number) (N101=SF) 4 - 7 Ship to unit number (N101=ST)	M AN 4/9
Not Used	N105	706 Entity Relationship Code	
Not Used	N106	98 Entity Identifier Code	

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Segment: **HL** Hierarchical Level
Loop: HL
Level: Detail - Item
Usage: Conditional for Sears – always used for Sears.com ISOS and RSOS, SAS and SDC; used for item-level RPC only
Max Use: 1

Notes: 1. This HL segment indicates the beginning of the item level detail of the report. This loop will repeat for each item included in the status report when BSR02 contains code PP.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
HL01	628	Hierarchical ID Number	M AN 1/12
HL02	734	Hierarchical Parent ID Number	M AN 1/12
HL03	735	Hierarchical Level Code Item	M ID 1/2
Not Used	HL04	736 Hierarchical Child Code	

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Segment: **REF** Reference Identification
Loop: HL
Level: Detail - Item
Usage: Conditional for Sears – used for item-level RPC only
Max Use: 1

- Notes:** 1. This segment is used at the item level only on RPC Order Status Reports. Except for a depot response, 2 iterations are required to return the price list number and customer reference or bin location number from the order.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/2
		CR Customer Reference Number	
		PL Price List Number	
REF02	127	Reference Identification	M AN 3/5
		5 - 5 Customer reference or bin location number	
		3 - 3 Price list number	
Not Used	REF03	352 Description	
Not Used	REF04	C040 Reference Identifier	

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Segment: **PO1** **Baseline Item Data**
Loop: PO1
Level: Detail - Item
Usage: Conditional for Sears – always used for Sears.com ISOS and RSOS, SAS and SDC; used for item-level RPC only
Max Use: 1 per PO1 loop; PO1 loop may repeat

- Notes:**
1. The VICS Guidelines restrict the occurrences of the PO1 loop to one. That is, only one occurrence of the PO1 segment is allowed in each HL-Item loop.
 2. The line number (PO101) is used to distinguish between like items on the purchase order. The value assigned to the item on the purchase order will be referenced on any corresponding 860 or 869 transaction sets and must be returned on the 870. This is an optional field for SAS vendors.
 3. For SAS, SDC, RSOS and ISOS 870 transactions, Sears item and SKU numbers sent on the order must be returned on the status report.
 4. For RPC only, if the supplier is substituting a part for an originally ordered part, both numbers must be sent in the PO1 segment.
 5. For SAS, the Sears item number must be returned as five digits numeric. If the Sears item number is only four digits, add a leading zero.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	Assigned Identification 1 - 3 Line item number from the PO	C AN 1/3
PO102	330	Quantity Ordered 1 - 9 Current quantity on order	M R 1/15
PO103	355	Unit or Basis for Measurement Code Any value in the VICS Guidelines.	M ID 2/2
Not Used	PO104	212 Unit Price	
Not Used	PO105	639 Basis of Unit Price Code	
	PO106	235 Product/Service ID Qualifier	M ID 2/2
		EN European Article Number (EAN) (2-5-5-1)	
		IN Buyer's Item Number	
		IZ Buyer's Size Code	
		PN Company Part Number	
		SR Substitute Product Number	
		UP U.P.C. Consumer Package Code (1-5-5-1)	
		VA Vendor's Style Number	
		VN Vendor's (Seller's) Item Number	

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<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Sears'</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>
PO107	234	Product/Service ID	M AN 1/30
		13 – 13 European Article Number (PO1 Qualifier=EN)	
		4 – 5 Sears' Item Number (PO1 Qualifier=IN)	
		3 – 3 Sears' SKU number (PO1 Qualifier=IZ)	
		1 – 24 Company Part Number (PO1 Qualifier=PN)	
		1 - 24 Substitute product number (PO1 Qualifier=SR)	
		12 – 12 U.P.C. Number (PO1 Qualifier=UP)	
		1 – 30 Vendor's Style Number (PO1 Qualifier=VA)	
		1 – 15 Vendor's Item Number (PO1 Qualifier= VN)	
PO108	235	Product/Service ID Qualifier	C ID 2/2
		See PO106	
PO109	234	Product/Service ID	C AN 1/30
		See PO107	
PO110	235	Product/Service ID Qualifier	C ID 2/2
		See PO106	
PO111	234	Product/Service ID	C AN 1/30
		See PO107	
Not Used	PO112	235 Product/Service ID Qualifier	
Not Used	PO113	234 Product/Service ID	
Not Used	PO114	235 Product/Service ID Qualifier	
Not Used	PO115	234 Product/Service ID	
Not Used	PO116	235 Product/Service ID Qualifier	
Not Used	PO117	234 Product/Service ID	
Not Used	PO118	235 Product/Service ID Qualifier	
Not Used	PO119	234 Product/Service ID	
Not Used	PO120	235 Product/Service ID Qualifier	
Not Used	PO121	234 Product/Service ID	
Not Used	PO122	235 Product/Service ID Qualifier	
Not Used	PO123	234 Product/Service ID	
Not Used	PO124	235 Product/Service ID Qualifier	
Not Used	PO125	234 Product/Service ID	

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Segment: **ISR** Item Status Report
Loop: ISR
Level: Detail - Item
Usage: Conditional for Sears – always used for Sears.com ISOS and RSOS, SAS and SDC; used for item-level RPC only
Max Use: 1 per PO1 loop

- Notes:**
1. The ISR segment at the item level will detail and report status for each included item. The ISR segment at the order level and this ISR segment reporting item status are mutually exclusive.
 2. If ISR01 contains code AS, ED or RD, a date is required in ISR02. This is the 'new' or revised ship date.
 3. For RSOS and ISOS, if ISR01 contains code IC, then the reason for the cancellation must be specified in ISR03.
 4. For SAS, ISR03 is required when ISR01 contains code IC. ISR03 is used conditionally when ISR01 contains code ED. If ISR01 contains code ED, report the new ship date (ISR02) on all items and specify a reason code in ISR03 only for the item(s) causing the delay.
 5. For ISOS, ISR03 containing code value W04 is used when ISR01 contains code ID to indicate that the order is on hold because of a question about the cost.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
ISR01	368	Shipment/Order Status Code	M ID 2/2
		RPC codes:	
		AS	Available Now - Scheduled to Ship (date) Reserved
		ED	Expect to Ship By (Date)
		IC	Item Canceled
		IN	In Process
		NY	No Shipping Schedule
		PS	In Process, Scheduled to Ship On (Date)
		QP	Quantity Past Due
			No longer available
		RD	Revised Expect to Ship By (Date)
		ISOS codes:	
		ED	Expect to Ship By (Date)
		IC	Item Canceled
		ID	Insufficient Information
		NN	Not in Process - No Shipping Schedule Item not found

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ISR01 continued

RSOS codes:

ED Expect to Ship By (Date)
IC Item Canceled
NN Not in Process - No Shipping Schedule
Item not found

SAS codes:

ED Expect to Ship By (Date)
IC Item Canceled

ISR02 373 Date C DT 8/8
Required when ISR01 contains code AS, ED,
PS or RD

ISR03 641 Status Reason Code M ID 3/3

ISOS codes:

A05 Unable To Locate
Invalid Sears item/SKU
A80 Item or Service Not Available
Item not carried by Vendor
A81 Item or Service Not Available on Requested
Date
Item is no longer available
C03 Suspended at Customer Request
Item discontinued by Sears
C06 Waiting Shipping Instructions
Invalid method of shipment
P01 Processing Delay
Invalid dimensions
W04 On Hold
Incorrect cost
ZZZ Mutually Defined
Invalid vendor item or color number

RSOS codes:

A05 Unable To Locate
Invalid Sears item/SKU
C03 Suspended at Customer Request
Item discontinued by Sears
C06 Waiting Shipping Instructions
Invalid method of shipment
P01 Processing Delay
Invalid dimensions
ZZZ Mutually Defined
Invalid vendor item or color number

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ISR03 continued

SAS codes:

A05 and C03 are used when ISR01 contains code IC only

- A05 Unable To Locate
Item number is discontinued or invalid
- C03 Suspended at Customer Request

The following codes are used when ISR01 contains code ED only

- A13 Other
Inventory or availability discrepancy
- A15 Business On Strike
- A17 Customer Requested Future Delivery
Sears requested ship date change
- A18 Missort
Trailer misloaded
- A30 Mechanical Breakdown
Vendor's internal system problems
- A33 Other Carrier-Related
Vendor-supplied carrier delay
- A37 Damaged Rewrapped In Hub
Damaged or defective merchandise
- A42 Holiday - Closed
- A43 Weather or Natural Disaster Related
Plant closed due to disaster
- A45 Delivery Not Completed
Material shortage or delay
- B12 Connecting Line or Cartage Pick-Up
Import container delay
- C07 Waiting for Customer Specified Carrier
Sears supplied carrier delay
- P01 Processing Delay
- P03 Production Falldown
Manufacturing delay
- P04 Held for Full Carrier Load
- T07 Insufficient Delivery Time
Received order too late to process

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Segment: **QTY** Quantity
Loop: ISR
Level: Detail - Item
Usage: Conditional for Sears – used to specify a quantity
Max Use: 1 per ISR loop

Notes: 1. This segment is used only by RSOS and ISOS to specify a quantity associated with the previous ISR segment.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
QTY01	673	Quantity Qualifier 01 Discrete Quantity	M ID 2/2
QTY02	380	Quantity 1 - 10 Quantity	M R 1/10
Not Used	QTY03	C001 Composite Unit of Measure	

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Segment: **SE** Transaction Set Trailer
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

- Notes:**
1. SE01 is a count of the total number of segments present in the transaction, including the control segments.
 2. SE02 must match the number in ST02.

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
SE01	96	Number of Included Segments	M N0 1/10
SE02	329	Transaction Set Control Number	M AN 4/9

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Segment Usage Examples

NOT APPLICABLE FOR SEARS.COM (N104=9300 WHEN N101=BY)

RSOS and ISOS - Ship Date Revision - Order Level

ST*870*Control number

BSR*Report code*PA*Document reference number*Creation date***Creation time*Document reference number from 869 BSI01 (if BSR01 contains code value 1)

HL*1**O

[HL-Order Loop]

PRF*PO number***PO date

[PO reference]

ISR*ED*Expect to ship on date

[New ship date]

DTM*068*Current scheduled ship date

[Requested ship date from associated 850/860/870]

REF*DP*Department number

[Department number from 850]

REF*IA*Internal vendor number

[Vendor number from 850]

N1*BY**92*Bill to unit number

[Bill to unit number from 850]

SE*Segment count*Control number

NOT APPLICABLE FOR SEARS.COM (N104=9300 WHEN N101=BY)

RSOS and ISOS - Mill Order Number Update - Order Level

ST*870*Control number

BSR*2*PA*Document reference number*Creation date***Creation time

HL*1**O

[HL-Order Loop]

PRF*PO number***PO date

[PO reference]

REF*DP*Department number

[Department number from 850]

REF*IA*Internal vendor number

[Vendor number from 850]

REF*MI*Mill order number

[Vendor order number]

N1*BY**92*Bill to unit number

[Bill to unit number from 850]

SE*Segment count*Control number

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Segment Usage Examples

NOT APPLICABLE FOR SEARS.COM (N104=9300 WHEN N101=BY)

RSOS and ISOS - PO Not Found - Order Level

ST*870*Control number

BSR*Report code*PA*Document reference number*Creation date***Creation time*Document reference number from 869 BSI01 (if BSR01 contains code value 1)

HL*1**O

[HL-Order Loop]

PRF*PO number***PO date

[PO reference from 869]

ISR*NN

[PO not found]

REF*DP*Department number

[Department number from 869]

REF*IA*Internal vendor number

[Vendor number from 869]

N1*BY**92*Bill to unit number

[Bill to unit number from 869]

SE*Segment count*Control number

NOT APPLICABLE FOR SEARS.COM (N104=9300 WHEN N101=BY)

RSOS and ISOS - PO Cancellation - Order Level

ST*870*Control number

BSR*Report code*PA*Document reference number*Creation date***Creation time*Document reference number from 869 BSI01 (if BSR01 contains code value 1)

HL*1**O

[HL-Order Loop]

PRF*PO number***PO date

[PO reference]

ISR*DE**Reason code

[PO canceled - Reason code]

DTM*068*Current scheduled ship date

[Requested ship date from associated 850/860/870]

REF*DP*Department number

[Department number from 850]

REF*IA*Internal vendor number

[Vendor number from 850]

N1*BY**92*Bill to unit number

[Bill to unit number from 850]

SE*Segment count*Control number

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Segment Usage Examples

RSOS and ISOS - Item Cancellations - Item Level

ST*870*Control number

BSR*Report code*PP*Document reference number*Creation date***Creation time*Document reference number from 869 BSI01 (if BSR01 contains code value 1)

HL*HL ID number**O

[HL-Order Loop]

PRF*PO number***PO date

[PO reference]

DTM*068*Current scheduled ship date

[Requested ship date from associated 850/860/870]

REF*DP*Department number

[Department number from 850]

REF*IA*Internal vendor number

[Vendor number from 850]

N1*BY**92*Bill to unit number

[Bill to unit number]

HL*HL ID number*Parent HL ID number*I

[HL-Item Loop. Loop repeats once for each item reported]

PO1*Line number*Quantity*Unit of measure***IN*Sears item number*VN*Vendor's item number

[Item/SKU reference from PO]

ISR*IC**Reason code

[Item canceled - Reason code]

SE*Segment count*Control number

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Segment Usage Examples

RSOS and ISOS - Incorrect Cost - Item Level

ST*870*Control number
BSR*Report code*PP*Document reference number*Creation date***Creation time*Document reference number from 869 BSI01 (if BSR01 contains code value 1)

HL*HL ID number**O	[HL-Order Loop]
PRF*PO number***PO date	[PO reference]
DTM*068*Current scheduled ship date	[Requested ship date from associated 850/860/870]
REF*DP*Department number	[Department number from 850]
REF*IA*Internal vendor number	[Vendor number from 850]
N1*BY**92*Bill to unit number	[Bill to unit number]

HL*HL ID number*Parent HL ID number*I	[HL-Item Loop. Loop repeats once for each item reported]
PO1*Line number*Quantity*Unit of measure***IN*Sears item number*VN*Vendor's item number	[Item/SKU reference from PO]
ISR*ID**W04	[PO held for update, On hold - invalid cost]

SE*Segment count*Control number

RSOS and ISOS - Item not carried by Trading Partner - Item Level

ST*870*Control number
BSR*Report code*PP*Document reference number*Creation date***Creation time*Document reference number from 869 BSI01 (if BSR01 contains code value 1)

HL*HL ID number**O	[HL-Order Loop]
PRF*PO number***PO date	[PO reference]
DTM*068*Current scheduled ship date	[Requested ship date from associated 850/860/870]
REF*DP*Department number	[Department number from 850]
REF*IA*Internal vendor number	[Vendor number from 850]
N1*BY**92*Bill to unit number	[Bill to unit number]

HL*HL ID number*Parent HL ID number*I	[HL-Item Loop. Loop repeats once for each item reported]
PO1*Line number*Quantity*Unit of measure***IN*Sears item number*VN*Vendor's item number	[Item/SKU reference from PO]
ISR*DE**A80 partner]	[Deleted item; item not available from trading partner]

SE*Segment count*Control number

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Segment Usage Examples

RSOS and ISOS - Item no longer available - Item Level

ST*870*Control number

BSR*Report code*PP*Document reference number*Creation date***Creation time*Document reference number from 869 BSI01 (if BSR01 contains code value 1)

HL*HL ID number**O	[HL-Order Loop]
PRF*PO number***PO date	[PO reference]
DTM*068*Current scheduled ship date	[Requested ship date from associated 850/860/870]
REF*DP*Department number	[Department number from 850]
REF*IA*Internal vendor number	[Vendor number from 850]
N1*BY**92*Bill to unit number	[Bill to unit number]

HL*HL ID number*Parent HL ID number*I	[HL-Item Loop. Loop repeats once for each item reported]
PO1*Line number*Quantity*Unit of measure***IN*Sears item number*VN*Vendor's item number	[Item/SKU reference from PO]
ISR*DE**A81	[Deleted item, no longer available]

SE*Segment count*Control number

RSOS and ISOS -Ship Date Revision - Item Level

ST*870*Control number

BSR*Report code*PP*Document reference number*Creation date***Creation time*Document reference number from 869 BSI01 (if BSR01 contains code value 1)

HL*HL ID number**O	[HL-Order Loop]
PRF*PO number***PO date	[PO reference]
DTM*068*Current scheduled ship date	[Requested ship date from associated 850/860/870]
REF*DP*Department number	[Department number from 850]
REF*IA*Internal vendor number	[Vendor number from 850]
N1*BY**92*Bill to unit number	[Bill to unit number]

HL*HL ID number*Parent HL ID number*I	[HL-Item Loop. Loop repeats once for each item reported]
PO1*Line number*Quantity*Unit of measure***IN*Sears item number*VN*Vendor's item number	[Item/SKU reference from PO]
ISR*ED*Expect to ship on date	[New ship date]

SE*Segment count*Control number

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Segment Usage Examples

SAS - Item Level Ship date change

ST*870*Control number

BSR*3*PP*Document reference number*Report date

[Unsolicited, selected orders and selected items]

HL*HL ID number**O

[HL-Order loop]

PRF*PO number***PO date

[P.O. reference]

DTM*068*Current scheduled ship date

[Requested ship date from associated
850/860/870]

REF*DP*Department number

[Department number from PO]

REF*IA*PO Vendor number

[PO Vendor number from PO]

REF*CO*DOS Order number

[Ordered by unit and sales check number]

N1*BY**92*Bill to unit number

[Bill to unit number from PO]

N1*ST**92*Ship to unit number

[Ship to unit number from PO]

N1*SF**92*Ship from vendor number

[Shipping from vendor number from PO]

HL*HL ID number*Parent HL ID number*I

[HL-Item loop. Loop repeats once for each item]

PO1**Quantity*EA***IN*Sears item number*IZ*Sears SKU number

[Sears item/sku number]

ISR*ED*Expect to ship by date*Reason code

[Item is backordered, new ship date, reason code]

SE*Segment count*Control number

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Segment Usage Examples

SAS - Item Level Cancel

ST*870*Control number
BSR*3*PP*Document reference number*Report date
[Unsolicited, selected orders and selected items]

HL*HL ID number**O [HL-Order loop]
PRF*PO number***PO date [PO reference]
DTM*068*Current scheduled ship date [Requested ship date from associated 850/860/870]
REF*DP*Department number [Department number from PO]
REF*IA*PO Vendor number [PO Vendor number from PO]
REF*CO*DOS Order number [Ordered by unit and sales check number]
N1*BY**92*Bill to unit number [Bill to unit number from PO]
N1*ST**92*Bill to unit number [Ship to unit number from PO]
N1*Sf**92*Ship from vendor number [Shipping from vendor number from PO]

HL*HL ID number*Parent HL ID number*I [HL-Item loop repeats once for each item on the PO]
PO1**Quantity*EA***IN*Sears item number*IZ*Sears SKU number
[Sears item/sku number, U.P.C.]
ISR*IC**Reason code [Item canceled, reason code]

SE*Segment count*Control number

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Segment Usage Examples

RPC - Weekly Order Status

ST*870*Control number
BSR*2*PP*Document reference number*Report date
N1*Sf**92*Supplier code

[Scheduled report basis, selected orders and items]
[Sears-assigned supplier code]

HL*HL ID number**O
PO

[HL-**Order** loop. Order loop repeats once for each included on the report]

PRF*PO number***PO date
REF*19*Division number
REF*MR*RPCn
N1*BY**92*Bill to unit number

[PO reference]
[RPC division number from PO]
[Merchandise type code from PO]
[Bill to unit number from PO]

HL*HL ID number*Parent HL ID number*I
REF*CR*Customer last name
REF*PL*Price list code
PO1**Quantity*EA***PN*Part number*SR*Substituted product number
ISR*ED*Expect to ship by date

[HL-**Item** loop repeats once for each item on the PO]
[Customer reference from PO]
[Price list code]
[Part number reference, substituted part number]
[Item is backordered, new ship date]

HL*HL ID number**O
PRF*PO number***PO date
REF*19*Division number
REF*MR*RPCn
N1*BY**92*Bill to unit number

[HL-**Order** loop. Second order reported]
[PO reference]
[RPC division number from PO]
[Merchandise type code]
[Bill to unit number from PO]

HL*HL ID number*Parent HL ID number*I
REF*CR*Bin location number
REF*PL*Source price list code
PO1**Quantity*EA***PN*Part number
ISR*IN

[HL-**Item** loop repeats once for each item on the PO]
[Customer reference from PO]
[Price list code]
[Part number reference]
[In process]

SE*Segment count*Control number

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Segment Usage Examples

SDC - Item Cancellations - Item Level

ST*870*Control number
BSR*1*PP*Document number*Creation date

HL*HL ID number**O	[HL-Order Loop]
PRF*PO number***PO date	[PO reference]
DTM*068*Current scheduled ship date	[Requested ship date from associated 850/860/870]
REF*DP*Department number	[Department number from 850]
REF*IA*Internal vendor number	[Vendor number from 850]
N1*BY**92*Bill to unit number	[Bill to unit number]

HL*HL ID number*Parent HL ID number*I	[HL-Item Loop. Loop repeats once for each item reported]
PO1*Line number*Quantity*Unit of measure***IN*Sears item number*VN*Vendor's item number	[Item/SKU reference from PO]
ISR*IC**Reason code	[Item canceled - Reason code]

SE*Segment count*Control number

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History of Revisions

August 2008

Note added to BSR to clarify that BSR02 must contain PP for all ISOS 870 transactions.

February 2008

Correction for SAS codes for REF segment in Detail – Order level

Added note in PO1 – Sears item number must be five digits

Added clarification for use of ISR03 for SAS

Revised RSOS/ISOS examples to include BSR08 reference number if BSR01 = 1