

LOWE'S EDI

870 (SOS) Order Status Report

Version: 004010

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870 Order Status Report

Functional Group=RS

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, 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 transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Mandatory
020	BSR	Beginning Segment for Order Status Report	M	1			Mandatory
LOOP ID - REF					≥1		
046	REF	Reference Identification	O	1			Mandatory
LOOP ID - N1					≥1		
050	N1	Name	O	1			Mandatory
070	N3	Address Information	O	2			Optional
080	N4	Geographic Location	C	1			Optional

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - HL					1000		
010	HL	Hierarchical Level	M	1			Mandatory
020	PRF	Purchase Order Reference	O	1			Mandatory
LOOP ID - ISR					104		
030	ISR	Item Status Report	M	1			Mandatory
LOOP ID - REF					≥1		
087	REF	Reference Identification	O	1			Mandatory
LOOP ID - PO1					1000		
150	PO1	Baseline Item Data	O	1			Mandatory
LOOP ID - ISR					104		
210	ISR	Item Status Report	O	1			Mandatory
230	QTY	Quantity	C	2			Mandatory
270	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Mandatory
300	REF	Reference Identification	O	12			Mandatory

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		N3/010	Mandatory
020	SE	Transaction Set Trailer	M	1			Mandatory

Please Note:

THE FOLLOWING INFORMATION EXPLAINS THE DIFFERENT 870 STATUSES AND WHEN THEY SHOULD BE SENT AT THE ORDER LEVEL AND ITEM LEVEL IN THE 870.

The 870 Order Status Report will only be used to convey information about a specific customer order. There will be one and only one Order per status reported. The Order level will contain the following segments: HL, PRF, ISR, and REF*JB. The item level associated with the order will contain the following segments: HL, PO1, and ISR. Only one exception can be reported per line item.

The QTY, TD5, and REF*AAO segments are required based on the specific 870 Order Status you are providing. See segments in this document and the Business Examples.

NOTE: All exceptions that are conveyed to Lowe's will be negotiated by the Lowe's salesperson with the customer and vendor.

An HL segment is required at the order level and is required for each line item when item detail is included in the 870.

ORDER LEVEL STATUSES (Order Hierarchy definition of ISR01)

*870-"NN"- Not In Process - Order Level Status in ISR01 (1 occurrence is optional)

This status is used at the order level initially to acknowledge receipt of the order. This status is generated from the vendor's application system to Lowe's. This is simply an auto preview of the order. No shipping schedule has been determined. A customer reference number or confirmation number is assigned. This status does not contain item detail. This status is not required. With the expanded turnaround time for the initial 870, this document should not be necessary since it does not provide a 'meaningful' status for an order. The "NN" 870 should never be returned when the vendor receives an 850 Order Cancellation; only the "DE" 870 should be returned for an 850 Order Cancellation.

*870-"IN"/"ED"/"EX" - In Process or Reschedule Ship Date or Reschedule Delivery Date - Order Level Status in ISR01 (at least one occurrence is mandatory)

This status is generated at the order level once a detailed review of the order has been performed. Price and item information are confirmed. If the order is accepted with no change, only an order level status is needed. If exceptions occur, all detail information on all items must be transmitted with the appropriate item status and reason. The Lowe's salesperson will review the order and negotiate with the vendor and customer. The Lowe's salesperson will send an 850 cancellation to the vendor if the order should be deleted, or the Lowe's salesperson will call the vendor to review the exception noted in the 870. For example, if one of the line items has a different delivery date than originally requested, the store may instruct the vendor to ship the entire order on the new date when all of the product will be available. For this scenario, the vendor would then send an 870 at the order level to reflect the new delivery date for the entire order. If the store is requested by the customer to cancel one of the line items because the ship or delivery date is not acceptable, the store must send an 850 cancellation to the vendor and issue a new purchase order with the product to be shipped. The vendor would return an 870 DE status upon receipt of the 850 cancellation. There will be no substitutions for the cancelled items on the original order. If the store/customer agree to accept substitutions, the original order must be cancelled and a new purchase order must be created.

*At least one status of "IN", "ED" or "EX" should be sent within 24-hours, Monday through Friday, for the initial 870 order status response to original SOS purchase orders as well as for the 870 order status response to an SOS cancellation purchase order from the time the SOS 850 purchase order is transmitted to the vendor. The 24-hour window begins when Lowe's transmits the 850, not when the vendor receives the 850. For the 850 SOS purchase orders transmitted over the weekend, the 870 order status response must be transmitted the morning of the vendor's next business day. If the vendor is capable of transmitting the initial 870 earlier than the required time, the vendor should transmit it to let the stores/customers know the status of the order as soon as possible.

870- "ED"/"EX" - Expect to Ship/Expect to Deliver - Order Level Status in ISR01 (multiple occurrences – optional)

This status is only generated at the order level if the "delivery requested" date of the order cannot be met for all items on the order. The entire order is rescheduled to a different date. Only an order level status is needed. Send either an "EX" to convey a new Expected to Delivery By Date, or send an "ED" to convey a new Expected to Ship By Date. When a new delivery date is sent in the 870, it will change the delivery date for the order and will flag the order for the store to review. If the store does not contact the vendor when they receive a change in the delivery date for the entire order, the vendor should proceed with shipping the order. When a new ship date is sent in the 870, the delivery date will not be changed for the order. It will, however, cause the order to be flagged for the store to review. If the delivery date is not impacted by the ship date, the vendor should not transmit a ship date.

870-"AP"-Allocation - Order Level Status in ISR01 (1 occurrence is mandatory)

This status is sent at the order level when the order is allocated to production. At this point, the Lowe's salesperson/customer cannot cancel the order without penalty (i.e. restocking fee). The order is "locked/finalized" when an 870 AP is sent. Only an order level status is needed for the AP 870. Any exceptions to the order after the allocation status is received must be communicated via a phone call. The AP 870 should be transmitted as close to the CC 870 as possible. This will provide the customer with ample time to change their mind before the product is manufactured and will allow the store to communicate via EDI instead of verbally cancelling the order.

870-"CC" - Shipment Complete - Order Level Status in ISR01 (1 occurrence is mandatory)

This status is sent at the order level when the order is shipped and all detail information on all items must be provided. See the Business Examples for specific segments to include.

870-"DD" - Order Delivered - Order Level Status in ISR01 (1 occurrence is optional when the order is direct delivery to a customer/installer)

This status is sent at the order level when the order has been delivered to the customer. This status is only used in response to direct deliveries to a customer/installer. Only an order level status is needed. This status is not currently mandatory but may be required when customers can view their order status on-line.

870- "DE" – Deleted Order – Order Level Status in ISR01 (1 occurrence is mandatory when the vendor receives an 850 cancellation. There is a mandatory 24-hour turnaround time, Monday through Friday, for the vendor to return the 870 order status

response to an SOS cancellation purchase order from the time the SOS 850 purchase order cancellation is transmitted to the vendor. The 24-hour window begins when Lowe's transmits the 850, not when the vendor receives the 850. For the 850 SOS purchase orders transmitted over the weekend, the 870 order status response must be transmitted the morning of the vendor's next business day. If the vendor is capable of transmitting the initial 870 earlier than the required time, the vendor should transmit it to let the stores/customers know the status of the order as soon as possible.)

This status is sent at the order level when an order is deleted after receiving an 850 cancellation due to a Lowe's/customer initiated cancel.

The order may have been cancelled by Lowe's/customer due to the following exceptions received on a prior status.

- 1) Invalid product code
- 2) Item quantity changes
- 3) Lowe's salesperson/customer initiated cancel request
- 4) Unacceptable delivery date

A DE 870 should be sent to Lowe's only when an 850 cancellation is transmitted to the vendor. An NN 870 should never be transmitted as the first response for 850 Order Cancellations; only a DE 870 should be transmitted.

It is very important for Lowe's stores and vendors follow the correct procedures for handling SOS (special order) Order Cancellations. The vendor should establish and enforce the following rules for SOS EDI order cancellation requests with their Customer Service department.

* If the SOS order is placed by EDI and the AP committed status has not been transmitted to Lowe's and the store requests an order cancellation, it MUST be cancelled by EDI.

* If the SOS order is placed by EDI and the AP committed status has been transmitted to Lowe's, then and only then can it be cancelled verbally. Please note: This rule still applies even if the delivery date is delayed by the vendor after the AP status is transmitted.

There should be no exceptions to the above policy. The vendor should implement systematic controls to enforce these rules.

Additional Information on the Order Level Status Reason Codes for the ISR03

051 - Vendor-Supplied Carrier Delay – Order Level Status Reason Code in ISR03

The 051 order level status reason code can be sent after AP when the vendor-supplied carrier cannot deliver by the committed delivery date and to transmit a new delivery date. The vendor must remember this will also give the store the option to cancel the order if the customer cannot accept the new delivery date. For the order level ISR segment, the ISR-01 should include a value of EX, the ISR-02 should include a new delivery date, and the ISR-03 should include a value of 051. No item detail should be included.

052 - Import Container Delay – Order Level Status Reason Code in ISR03

The 052 order level status reason code can be sent before or after the AP if there are import delays and to transmit a new delivery date. The vendor must remember this will also give the store the option to cancel the order if the customer cannot accept the new delivery date. For the order level ISR segment, the ISR-01 should include a value of EX, the ISR-02 should include a new delivery date, and the ISR-03 should include a value of 052. No item detail should be included.

A03 - Incorrect Address – Order Level Status Reason Code in ISR03

The A03 order level status reason code can be sent at any time except after a DD 870 status. For example, if the vendor is checking address information upon receipt of the 850, it could be sent at the order level with the IN sent in the ISR-01, the ISR-02 is not needed, and the ISR-03 would include A03; no item detail should be included. Or, it can be sent after the CC with an EX at the order level to reschedule the shipment once the correct address is determined. For the order level ISR segment, the ISR-01 should include a value of EX, the ISR-02 should include a new delivery date, and the ISR-03 should include a value of A03. No item detail should be included. Once the correct address has been determined, the vendor should send another CC 870.

A45 – Delivery Not Completed – Order Level Status Reason Code in ISR03

The A45 order level status reason code can be sent after the CC 870 status when the direct shipment to a customer/installer could not be delivered and a new delivery date has been determined. For the order level ISR segment, the ISR-01 should include a value of EX, the ISR-02 should include a new delivery date, and the ISR-03 should include a value of A45. No item detail should be included. When the shipment has been delivered, the vendor should send a DD status.

REJ - Rejected - Insufficient or Incorrect Information – Order Level Status Reason Code in ISR03

The REJ order level status reason code should be included when one item on the order has invalid item information, or an item has been discontinued, or an item is cancelled due to out of stock, or an item is flagged as out of stock. When one of these conditions exists, the vendor should not proceed with the order. The store will issue a cancellation 850 at which time the vendor should issue a DE 870. For the order level ISR segment, the ISR-01 should include a value of IN, the ISR-02 is not needed, and the ISR-03 should include a value of REJ. Item detail must always be sent when the ISR-03 includes REJ at the order level. There are two item level status reason codes that can be used with the REJ status code noted at the order level. The first one is REJ at the item level to indicate an item has insufficient or incorrect item information or the item is discontinued, and the second one is W08 at the item level to indicate there is an out-of-stock condition for the item. See the page on the ISR segment for the item level requirements.

ITEM LEVEL STATUSES (Item Hierarchy definition of ISR01)

870-"ED"/"EX" - Expect to Ship/Expect to Deliver – Item Level Status in ISR01

This status is only generated at the item level if the delivery requested date on the order for an item cannot be met. This status can be used when order level status is "IN". At the item level, send either an "EX" to convey a new Expected to Delivery By Date, or send an "ED" to convey a new Expected to Ship By Date. If all items on the order cannot meet the requested delivery date, an order level 870 is needed and item detail is not required. When an item includes an ED/EX status code, the store will notify the vendor to either send an 870 with a new delivery date for the entire order, or the store will issue a cancellation 850 for the original order and may issue a new order for the product that can meet the original delivery date and another order for the product that can be delivered by the new delivery date sent in the 870. The vendor should not proceed with shipping the order until they review the order exception with the store. Remember for SOS orders, the store cannot receive multiple shipments for an order; it is all one shipment as ordered or nothing.

870-"CC" - Shipment Complete – Item Level Status in ISR01

This status is sent at the item level when the order is shipped. All detail information on all items must be transmitted. Each item shipped should contain the carrier ID and tracking number(s). This status should be used when order level status is "CC". There should be no exceptions at the item level with a CC order level status.

870-"DS" - Out of Stock Condition – Item Level Status in ISR01

Completely Out of Stock - This status is sent at the item level when the order is received for an item that is completely out of stock. If an item is out of stock at the time the order is received but will be available to meet the delivery date, the out of stock condition should not be transmitted. If the vendor knows when an item that is out of stock will be available to be shipped, the vendor should send an ED or EX item status instead of sending a DS item status so the store can review the new date with the customer. The DS item level status can be used when order level statuses are "ED", "EX", "IN". Once the order with an item status of "out of stock" is received, the Lowe's salesperson/customer will determine one of the following.

1) To Cancel - If the store is requested by the customer to cancel one of the line items because of the out of stock condition, the store must send an 850 cancellation to the vendor and issue a new purchase order with the product to be shipped. The vendor would send an 870 DE at the order level to confirm the cancellation. The store may issue a new purchase order for the out of stock item. There will be no substitutions for the cancelled items on the original order. If the store/customer agree to accept substitutions, the original order must be cancelled and a new purchase order must be created.

2) To Change Entire Order to New Delivery Date - If the store instructs the vendor to ship the entire order on the new date when all of the product will be available, an order level status should be sent with an order status of "ED" or "EX" excluding a reason code.

For out of stock statuses, the vendor should not proceed with fulfilling the order until one of the above options is communicated.

Completely Out of Stock Example - 20 eaches have been ordered. Vendor cannot ship any of the product.

The vendor will send the following status information.

ORDER LEVEL - ISR01 = IN, ISR03 = REJ
 ITEM LEVEL - PO102 = 20 (Original Order Quantity)
 ITEM LEVEL - ISR01 = DS, ISR03 = W08 (Material Shortage)
 - QTY01 = 63 (Qualifier for On-Order Quantity)
 - QTY02 = 0 (Vendor should enter zero as amount to ship)

Partially Out of Stock - The "DS" item status is sent when an item is in stock but the quantity ordered is greater than the amount in stock, an item exception should be sent using the QTY segment in the Item Level ISR Loop to convey the amount that can be filled. The original order quantity will always be sent in the PO102.

For example, 20 eaches have been ordered. Vendor can only ship 15 eaches. The vendor will send the following status information.

Partially Out of Stock Example - 20 eaches have been ordered. Vendor can only ship 15 eaches.

The vendor will send the following status information.

ORDER LEVEL - ISR01 = IN, ISR03 = REJ
 ITEM LEVEL - PO102 = 20 (Original Order Quantity)
 ITEM LEVEL - ISR01 = DS, ISR03 = W08 (Material Shortage)
 - QTY01 = 63 (Qualifier for On-Order Quantity)
 - QTY02 = 15 (Vendor can only ship 15)

If an item is out of stock at the time the order is received but will be available to meet the delivery date, the out of stock condition should not be transmitted. If the vendor knows when an item that is out of stock will be available to be shipped, the vendor should send an ED or EX item status instead of sending a DS item status so the store can review the new date with the customer. For out of stock statuses, the vendor should not proceed with fulfilling the order until one of the above options defined in "completely out of stock" is communicated.

870-"IC" - Item Cancelled – Item Level Status in ISR01

This status is sent at the item level when the order level status is "IN" or "ED"/"EX" and invalid item information is received for an item, such as invalid item/model information or an item is discontinued. See "Examples of 870 Status Combinations for an example of this item status.

This status would also be sent at the item level if an item is in stock but the quantity ordered is not the correct saleable unit; an item exception should be sent using the QTY segment in the Item Level ISR Loop to convey the correct saleable amount, using REJ in the ISR-03 as the Reason Code. The original order quantity will always be sent in the PO102.

For example, 10 eaches have been ordered. Vendor ships units of 12. The vendor will send the following status information.

ORDER LEVEL - ISR01 = IN, ISR03 = REJ
 ITEM LEVEL - PO102 = 10 (Original Order Quantity)
 ITEM LEVEL - ISR01 = IC, ISR03 = REJ (Invalid Item Information)
 - QTY01 = 63 (Qualifier for On-Order Quantity)
 - QTY02 = 12 (Vendor Ships Units of 12)

When sending an IC in the ISR-01, an ISR-03 Reason Code of REJ should also be included.

For this item status, the vendor should not proceed with fulfilling the order. The store will send an order cancellation for the original and may issue a new order for the product that is valid.

Invalid Unit of Measure

If an item on the order has an invalid unit of measure, the vendor should not return an 870 status without additional research. The only time an invalid unit of measure should occur is when the electronic catalog is incorrect. The vendor should make sure their system will flag the unit of measure exception and will process all orders following it. When this problem is identified, the vendor should contact Lowe's SOS Specialist to 1) identify what is in the electronic catalog, 2) decide how to correct the order the vendor received, 3) identify how many additional orders may be impacted by the incorrect unit of measure in the catalog, and 4) decide if an 870 with an invalid item information status should be sent if the vendor cannot correct the order for shipping. If the vendor's products are in Lowe's E-Catalog, the vendor should call Lowe's SOS Specialist that is listed in the SOS FAQ by product type, or if the vendor's products are in Lowe's SOS Configureables Catalog or SOS Kitchen Design Catalog, the vendor should call Lowe's SOS Specialist at 336-658-5234.

870-"IN"- In Process – Item Level Status in ISR01

This status is generated at the item level for an item that has no discrepancies. This is only used in conjunction with other items that contain discrepancies. When item exceptions occur, full item detail is required for every item on the order.

Additional Information on the Item Level Status Reason Codes for the ISR03

REJ - Rejected - Insufficient or Incorrect Information – Item Level Status Reason Code in ISR03

The REJ item level reason code should be included when an item has invalid item information or the item has been discontinued. When an item has a value of REJ, the order level should also have a value of REJ for the order level status reason code ISR03. For the order level ISR segment, the ISR-01 should include a value of IN, the ISR-02 is not needed, and the ISR-03 should include a value of REJ. For the item level ISR segment, the ISR-01 should include a value of IC, the ISR-02 is not needed, and the ISR-03 should include a value of REJ. For all other items on the order that are correct, the ISR segment should be included for them as well with an IN included in the ISR-01. When this condition occurs, the vendor should not proceed with the order. The store will issue a cancellation 850 at which time the vendor should issue a DE 870.

W05 - Order Discrepancy – Item Level Status Reason Code in ISR03

The W05 item level reason code should be included when an item has incorrect price information. For the order level ISR segment, the ISR-01 should include a value of IN, the ISR-02 and ISR-03 are not needed. For the item level ISR segment, the ISR-01 should include a value of IN, the ISR-02 is not needed, and the ISR-03 should include a value of W05. This discrepancy occurs when the catalog is not correct at the stores. The store will not see this 870 status. Lowe's SOS Specialist will contact the vendor to discuss the pricing discrepancy. If the vendor does not hear from the SOS Specialist, they should contact them to correct the catalog so future orders will not be impacted. This item level status should not delay the processing of the order.

W08 - Material Shortage – Item Level Status Reason Code in ISR03

The W08 item level reason code should be included when an item has a complete out-of-stock condition or a partial out-of-stock condition. For the order level ISR segment, the ISR-01 should include a value of IN, the ISR-02 is not needed, and the ISR-03 should include a value of REJ. For the item level ISR segment, the ISR-01 should include a value of DS, the ISR-02 is not needed, and the ISR-03 should include a value of W08. The QTY segment should follow the ISR segment in the 870, with a qualifier of 63 in the QTY-01 and the value in the QTY-02 should include the quantity the vendor has available to ship. For the complete out-of-stock condition, the QTY-02 should include a zero. For the partial out-of-stock condition, the QTY-02 should include the amount of product the vendor has available to ship. When this condition occurs, the vendor should not proceed with the order. The store will issue a cancellation 850 at which time the vendor should issue a DE 870.

EXAMPLES OF 870 STATUS COMBINATIONS – ORDER LEVEL AND ITEM LEVEL

IN PROCESS EXAMPLES - without item exceptions as shown in A) and with exceptions as shown in B and C)

A) Example without item exceptions - When no discrepancies exist, order level status should only be sent.

ORDER LEVEL - ISR01 = IN

B) Example with multiple item exceptions displayed for Lowe's Stores - When discrepancies exist, the 870 item status detail will convey the item discrepancies. Only one exception can be reported per line item. Lowe's receives the 870 with the exception(s). Lowe's will determine if the order containing the exception information should be cancelled and a new 850 order reissued. If the order is cancelled, the store will send an 850 cancellation and the vendor will follow with an 870 DE for the cancelled order. The vendor should not send an 870 DE until they receive the 850 cancellation.

In this example, the Order Level includes IN and REJ. The ISR03 should include REJ when an item on the order has been identified as having invalid item information or has an out of stock condition. The first item is correct, the second line item has a

new delivery date, the third item has invalid item information, and the fourth has a completely out of stock condition for the item.

ORDER LEVEL - ISR01 = IN, ISR03 = REJ
 ITEM LEVEL - ISR01 = IN (Valid Item Info)
 ITEM LEVEL - ISR01 = EX, ISR02 = Rescheduled Delivery Date
 ITEM LEVEL - ISR01 = IC, ISR03 = REJ (Invalid Item Info)
 ITEM LEVEL - ISR01 = DS, ISR03 = W08 (Material Shortage)
 - QTY01 = 63, Qty02 = 0 (Vendor cannot ship any)

C) Example with item exception displayed for Lowe's SOS Specialist - If the vendor identifies a pricing discrepancy, the 870 status sent by the vendor will be reported to Lowe's SOS Specialist. Lowe's stores are not notified of pricing discrepancies reported in the 870. The vendor and Lowe's SOS Specialist should examine the cause of the pricing discrepancy to verify there is not an issue with the electronic catalog.

ORDER LEVEL - ISR01 = IN
 ITEM LEVEL - ISR01 = IN, ISR03 = W05 (Pricing Order Discrepancy)

DELETED EXAMPLE

An 870 DE is used to convey an order has been deleted after the vendor receives an 850 cancellation. The vendor should not send an 870 DE until they receive the 850 cancellation. The vendor should send only an Order level status when sending an 870 DE status.

ORDER LEVEL - ISR01 = DE

ORDER RESCHEDULED EXAMPLES

Note, send either an "EX" to convey a new Expected to Delivery By Date, or send an "ED" to convey a new Expected to Ship By Date.

A) If the entire order is rescheduled, then either a status of "ED" or "EX" can be sent. An order level status should only be sent.

ORDER LEVEL - ISR01 = EX, ISR02 = New Delivery Date

B) If the entire order is rescheduled due to one or more items being out of stock, then detail should be given.

In this example the order level includes EX, the new delivery date, and REJ in the ISR03. The first item has correct information but the second one is completely out of stock.

ORDER LEVEL - ISR01 = EX, ISR02 = New Delivery Date, ISR03 = REJ
 ITEM LEVEL - ISR01 = IN (Valid Item Info)
 ITEM LEVEL - ISR01 = DS, ISR03 = W08 (Material Shortage)
 - QTY01 = 63, Qty02 = 0 (Vendor cannot ship any)

C) If the entire order is rescheduled and a line item has a pricing discrepancy.

In this example the order level includes EX, the new delivery date. The first item has correct information but the second one has a pricing discrepancy.

ORDER LEVEL - ISR01 = EX, ISR02 = New Delivery Date
 ITEM LEVEL - ISR01 = IN (Valid Item Info)
 ITEM LEVEL - ISR01 = IN, ISR03 = W05 (Pricing Discrepancy)

****BUSINESS EXAMPLES -- Examples of various types of 870's can be found on LowesLink under the EDI tab and SOS section, 870 Order Status Report SOS Business Examples.**

Additional 870 Notes:

- The sequence of the PO1-01 #'s must be the same as what was sent on the 850.
- The project number must be sent back in the 870 exactly as it is transmitted in the 850.
- If there is an item exception, all items must be sent back in the 870.
- No further 870's should be sent if AP status has been reached and the store calls to cancel the order.
- ISR-02 is not required for any status except for the ED/EX status. When sending the ED/EX status, the ISR-02 must be the rescheduled date. If the ISR-02 is included with any other status, the date will be ignored.
- If there is only one item on the 850 and it is an invalid item, vendors should send back an IN with a REJ in the ISR-03 at the order level, and IC with a REJ in the ISR-03 at the item level. As a result of this the store will issue a refund, causing an 850 cancellation.

ST Transaction Set Header

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

User Option (Usage): Mandatory

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Mandatory	1
		Description: Code uniquely identifying a Transaction Set All valid standard codes are used.					
ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					

Please Note:

ST*870*000000001

BSR Beginning Segment for Order Status Report

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Mandatory

Purpose: To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
BSR01	850	Status Report Code	M	ID	1/2	Mandatory	1
<p>Description: Code indicating the reason for sending the report</p> <p>Please Note: Send only a value of 3; do not send a value of 03.</p> <p>Code Name</p> <p>3 Unsolicited Report</p>							
BSR02	847	Order/Item Code	M	ID	2/2	Mandatory	1
<p>Description: Code identifying a group of orders and items</p> <p>Code Name</p> <p>PA Selected Orders - All Items</p> <p>Please Note:</p> <p>If the status, at the order level, applies to all items, e.g. scheduled ship date, the item level need not be sent. If the status of the various line items differ then all line items must be sent.</p>							
BSR03	127	Reference Identification	M	AN	1/30	Mandatory	1
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>Please Note: Confirmation number assigned by the sender to be used by Lowe's for order inquiries.</p>							
BSR04	373	Date	M	DT	8/8	Mandatory	1
<p>Description: Date expressed as CCYYMMDD</p>							
BSR07	337	Time	O	TM	4/8	Mandatory	1
<p>Description: 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 DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</p>							

Please Note:

BSR*3*PA*11111*20010205***1505

REF Reference Identification

Pos: 046	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Mandatory

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory	1
		Description: Code qualifying the Reference Identification					
		Code Name					
		IA Internal Vendor Number					
REF02	127	Reference Identification	M	AN	1/30	Mandatory	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
		Please Note: <i>Lowe's Vendor Number</i>					

Please Note:

THIS REF SEGMENT CORRESPONDS WITH 046 IN THE POS COLUMN ON PAGE 2 OF THIS DOCUMENT. (This should help identify the placement of this segment.)

N1 Name

Pos: 050	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Mandatory	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Please Note: 1) When the SOS order is shipped to Lowe's store location:

- ST is used to identify Lowe's store.

-OB is used to identify the Buying Customer's Name

2) When the SOS order is shipped to the receiving party.

-ST is used to identify the Name of the Person receiving the Shipment

-SN is used to identify tthe Lowe's store number from which the order was generated.

-OB is used to identify the Buying Customer's Name

3) When the SOS order is cross docked:

-ST is used for Lowe's DC.

-MA is used for Lowe's store from which the order was generated.

-OB is used to identify the Buying Customer's Name.

Code Name

- MA Party for whom Item is Ultimately Intended
- OB Ordered By
- SN Store
- ST Ship To

N102	93	Name	C	AN	1/60	Optional	1
------	----	-------------	---	----	------	----------	---

Description: Free-form name

Please Note: Name is only sent when N101=OB, or when N101 = ST and order is direct delivery.

N103	66	Identification Code Qualifier	C	ID	1/2	Optional	1
------	----	--------------------------------------	---	----	-----	----------	---

Description: Code designating the system/method of code structure used

for Identification Code (67)

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		Code Name					
		12 Telephone Number (Phone)					
		Please Note:					
		<i>Phone number is only sent when N101=OB, or when N101 = ST and order is direct delivery.</i>					
		94 Code assigned by the organization that is the ultimate destination of the transaction set					
N104	67	Identification Code	C	AN	2/5	Optional	1

Description: Code identifying a party or other code

Please Note: Note Maximum Allowed for N104 is 12 digits.

When N103 = 94, then N104 = Lowe's Location (5-digit location number)

When N103 = 12, then N104 = Buying Customer's Phone Number (return the phone number as sent in the 850 or Lowe's can accept up to a 12 digit phone number)

Please Note:

*When the order is direct ship to the customer,
 N1*ST*Name of Person Receiving Shipment*12*999 9999999
 N1*SN**94*655
 N1*OB*Buying Customer's Last, First Name*12*999 9999999*

*When the order is shipped to a Lowe's store,
 N1*ST**94*655
 N1*OB*Buying Customer's Last, First Name*12*999 9999999*

*When the order is cross-docked through a DC to a retail Lowe's location,
 N1*ST**94*960
 N1*MA**94*655
 N1*OB*Buying Customer's Last, First Name*12*999 9999999*

N3 Address Information

Pos: 070	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Optional

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N301	166	Address Information	C	AN	1/55	Optional	1
		Description: Address information					
N302	166	Address Information	O	AN	1/55	Optional	1
		Description: Address information					

Please Note:

N3 is only used when the order is for a shipment direct to the customer/installer. Identifies the ship to address.

N4 Geographic Location

Pos: 080	Max: 1
Heading - Conditional	
Loop: N1	Elements: 4

User Option (Usage): Optional

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N401	19	City Name	C	AN	2/30	Optional	1
		Description: Free-form text for city name					
N402	156	State or Province Code	C	ID	2/2	Optional	1
		Description: Code (Standard State/Province) as defined by appropriate government agency					
N403	116	Postal Code	C	ID	3/15	Optional	1
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)					
N404	26	Country Code	C	ID	2/3	Optional	1
		Description: Code identifying the country					

Please Note:

N4 is only used when the order is for a shipment direct to the customer/installer. Identifies the ship to address.

HL Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Mandatory

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Mandatory	1
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure					
HL03	735	Hierarchical Level Code	M	ID	1/2	Mandatory	1
		Description: Code defining the characteristic of a level in a hierarchical structure					
		<u>Code</u> <u>Name</u>					
		I Item					
		O Order					

Please Note:

IMPORTANT --

An HL loop is required at the order level and should include an HL segment, PRF segment, ISR segment, and REF*JB segment.

For each line item in the 870, an HL loop is required at the item level and should include an HL segment, PO1 segment, and ISR segments. In addition, the QTY segment is required in the loop if there is a difference between what was ordered and what can be shipped, and for a Shipment Complete status.

The TD5 and REF*AAO segments are also required in the 870 "CC" Shipment Complete status for customer/installer Direct Delivery orders.

It is preferred that you send the TD5 and REF*AAO segments on all 870 "CC" Shipment Complete statuses.

PLEASE REFER TO LOWE'S 870 SOS BUSINESS EXAMPLES FOR THE SEQUENCE OF THE LOOPS AND THE SEGMENTS WITHIN THE LOOPS BASED ON THE TYPE OF 870. THE BUSINESS EXAMPLES CAN BE FOUND ON LOWESLINK.

PRF Purchase Order Reference

Pos: 020	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Mandatory

Purpose: To provide reference to a specific purchase order

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
PRF01	324	Purchase Order Number	M	AN	1/9	Mandatory	1
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser Please Note: <i>Lowe's customer order number.</i>					
PRF04	373	Date	O	DT	8/8	Mandatory	1
		Description: Date expressed as CCYYMMDD Please Note: <i>Lowe's customer order date - Date of Original 850. For original orders and cancellation orders, send date of original 850.</i>					
PRF07	92	Purchase Order Type Code	O	ID	2/2	Optional	1
		Description: Code specifying the type of Purchase Order Code Name DR Direct Ship OS Special Order					

ISR Item Status Report

Pos: 030	Max: 1
Detail - Mandatory	
Loop: ISR	Elements: 3

User Option (Usage): Mandatory

Purpose: To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISR01	368	Shipment/Order Status Code	M	ID	2/2	Mandatory	1

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

AP Allocation
 CC Shipment Complete on (Date)
Please Note:
Used at the header level and detail level to denote shipment is complete.
 DD Delivered to Destination on (Date)
 DE Deleted Order
 ED Expect to Ship By (Date)
 EX Expect to Deliver by
 IN In Process
 NN Not in Process - No Shipping Schedule

ISR02	373	Date	O	DT	8/8	Optional	1
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Description: Date expressed as CCYYMMDD

Please Note: *ISR-02 is not required for any status except for the ED/EX status. When sending the ED/EX status, the ISR-02 must be the rescheduled date. If the ISR-02 is included with any other status, the date will be ignored.*

ISR03	641	Status Reason Code	O	ID	3/3	Optional	1
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Description: Code indicating the status reason

Code Name

051 Vendor-Supplied Carrier Delay

Please Note:

051 - Vendor-Supplied Carrier Delay – Order Level Status Reason Code in ISR03 - The 051 order level status reason code can be sent after AP when the vendor-supplied carrier cannot deliver by the committed delivery date and to transmit a new delivery date. The vendor must remember this will also give the store the option to cancel the order if the customer cannot accept the new delivery date. For the order level ISR segment, the ISR-01 should include a value of EX, the ISR-02 should include a new delivery date, and the ISR-03 should include a value of 051. No item detail should be included.

052 Import Container Delay

Please Note:

052 - Import Container Delay – Order Level Status Reason Code in ISR03 - The 052 order level status reason code can be sent before or after the AP if there are import delays and to transmit a new delivery date. The vendor must remember this will also give the store the option to cancel the order if the customer cannot accept the new delivery date. For the order level ISR segment, the ISR-01 should include a value of EX, the ISR-02 should include a

Code Name

new delivery date, and the ISR-03 should include a value of 052. No item detail should be included.

A03 Incorrect Address

Please Note:

*A03 - Incorrect Address – Order Level Status Reason Code in ISR03 -
The A03 order level status reason code can be sent at any time except after a DD 870 status. For example, if the vendor is checking address information upon receipt of the 850, it could be sent at the order level with the IN sent in the ISR-01, the ISR-02 is not needed, and the ISR-03 would include A03; no item detail should be included. Or, sent after the CC with an EX at the order level to reschedule the shipment once the correct address is determined. For the order level ISR segment, the ISR-01 should include a value of EX, the ISR-02 should include a new delivery date, and the ISR-03 should include a value of A03. No item detail should be included. Once the correct address has been determined, the vendor should send another CC 870.*

A45 Delivery Not Completed

Please Note:

*A45 – Delivery Not Completed – Order Level Status Reason Code in ISR03 -
The A45 order level status reason code can be sent after the CC 870 status when the direct shipment to a customer/installer could not be delivered and a new delivery date has been determined. For the order level ISR segment, the ISR-01 should include a value of EX, the ISR-02 should include a new delivery date, and the ISR-03 should include a value of A45. No item detail should be included. When the shipment has been delivered, the vendor should send a DD status.*

REJ Rejected - Insufficient or Incorrect Information

Please Note:

*REJ - Rejected - Insufficient or Incorrect Information – Order Level Status Reason Code in ISR03 -
The REJ order level status reason code should be included when one item on the order has invalid item information, or an item has been discontinued, or an item is cancelled due to out of stock, or an item is flagged as out of stock. When one of these conditions exist, the vendor should not proceed with the order. The store will issue a cancellation 850 at which time the vendor should issue a DE 870. For the order level ISR segment, the ISR-01 should include a value of IN, the ISR-02 is not needed, and the ISR-03 should include a value of REJ. Item detail must always be sent when the ISR-03 includes REJ at the order level. There are two item level status reason codes that can be used with the REJ status code noted at the order level. The first one is REJ at the item level to indicate an item has insufficient or incorrect item information or the item is discontinued, and the second one is W08 at the item level to indicate there is an out-of-stock condition for the item. See the page on the ISR segment for the item level requirements.*

Please Note:

THIS ISR SEGMENT CORRESPONDS WITH 030 IN THE POS COLUMN ON PAGE 2 OF THIS DOCUMENT. THIS IS THE ORDER LEVEL ISR SEGMENT. (This should help identify the placement of this segment.)

REF Reference Identification

Pos: 087	Max: 1
Detail - Optional	
Loop: REF	Elements: 2

User Option (Usage): Mandatory

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory	1
		Description: Code qualifying the Reference Identification					
		Code Name					
		JB Job (Project) Number					
REF02	127	Reference Identification	C	AN	1/30	Mandatory	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

Please Note:

REF01 = JB, used to convey the project number.

THIS REF SEGMENT CORRESPONDS WITH 087 IN THE POS COLUMN ON PAGE 2 OF THIS DOCUMENT. (This should help identify the placement of this segment.)

PO1 Baseline Item Data

Pos: 150	Max: 1
Detail - Optional	
Loop: PO1	Elements: 11

User Option (Usage): Mandatory

Purpose: To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO101	350	Assigned Identification	O	AN	1/20	Mandatory	1

Description: Alphanumeric characters assigned for differentiation within a transaction set

Please Note: *Lowe's may split orders between vendors. For this reason, the assigned line number may not be sequential on an order. The Lowe's assigned line number is required when sending detail level 870 Order Statuses back to Lowe's. The vendor should send the items back in the 870 in the same sequence that was received in the 850 and with the same line item number as sent in the 850.*

PO102	330	Quantity Ordered	C	R	1/15	Mandatory	1
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Description: Quantity ordered

PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Mandatory	1
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code Name

- BD Bundle
- BF Board Feet
- BG Bag
- BX Box
- CA Case
- CT Carton
- DS Display
- EA Each
- FT Foot
- KT Kit
- LF Linear Foot
- OZ Ounce - Av
- PC Piece
- PK Package
- PN Pounds Net
- PR Pair
- RL Roll
- ST Set
- UN Unit
- ZZ Mutually Defined

Please Note:

In the event that an item has no distinct measurement code, "ZZ" will be used. "ZZ" is understood by the vendor based on the vendor's item number or product description or question

Code Name

and answer pairings given for an item in the PO1 and PID segments.

PO104	212	Unit Price	C	R	1/12	Optional	1
		Description: Price per unit of product, service, commodity, etc.					
PO105	639	Basis of Unit Price Code	O	ID	2/2	Optional	1
		Description: Code identifying the type of unit price for an item					
		Code Name					
		NC No Charge					
		QT Quoted					
PO106	235	Product/Service ID Qualifier	C	ID	2/2	Mandatory	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Please Note: <i>Lowe's Item Number</i>					
		Code Name					
		CB Buyer's Catalog Number					
PO107	234	Product/Service ID	C	AN	1/9	Mandatory	1
		Description: Identifying number for a product or service					
PO108	235	Product/Service ID Qualifier	C	ID	2/2	Optional	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Please Note: <i>Vendor's Model Number.</i>					
		Code Name					
		VC Vendor's (Seller's) Catalog Number					
PO109	234	Product/Service ID	C	AN	1/20	Optional	1
		Description: Identifying number for a product or service					
PO110	235	Product/Service ID Qualifier	C	ID	2/2	Optional	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Code Name					
		UP U.P.C. Consumer Package Code (1-5-5-1)					
PO111	234	Product/Service ID	C	AN	12/12	Optional	1
		Description: Identifying number for a product or service					

ISR Item Status Report

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

User Option (Usage): Mandatory

Purpose: To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISR01	368	Shipment/Order Status Code	M	ID	2/2	Mandatory	1

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

CC Shipment Complete on (Date)

Please Note:

Used at the header and detail line item to note shipment complete.

DS Out Of Stock Condition

Please Note:

Used when goods are damaged or unavailable to ship.

ED Expect to Ship By (Date)

EX Expect to Deliver by

IC Item Canceled

Please Note:

Used when item is discontinued or item has invalid item information.

IN In Process

ISR02	373	Date	C	DT	8/8	Optional	1
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Description: Date expressed as CCYYMMDD

Please Note: *ISR-02 is not required for any status except for the ED/EX status. When sending the ED/EX status, the ISR-02 must be the rescheduled date. If the ISR-02 is included with any other status, the date will be ignored.*

ISR03	641	Status Reason Code	O	ID	3/3	Recommended	1
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Description: Code indicating the status reason

Please Note: *Required when an Item Exception occurs.*

Code Name

REJ Rejected - Insufficient or Incorrect Information

Please Note:

REJ - Rejected - Insufficient or Incorrect Information – Item Level Status Reason Code in ISR03 -

The REJ item level reason code should be included when an item has invalid item information or the item has been discontinued. When an item has a value of REJ, the order level should also have a value of REJ for the order level status reason code ISR03. For the order level ISR segment, the ISR-01 should include a value of IN, the ISR-02 is not needed, and the ISR-03 should include a value of REJ. For the item level ISR segment, the ISR-01 should include a value of IC, the ISR-02 is not needed, and the ISR-03 should include a value of REJ. For all other items on the order that are correct, the ISR segment should be included for them as well

Code Name

with an IN included in the ISR-01. When this condition occurs, the vendor should not proceed with the order. The store will issue a cancellation 850 at which time the vendor should issue a DE 870.

W05 Order Discrepancy

Please Note:

W05 - Order Discrepancy – Item Level Status Reason Code in ISR03 - The W05 item level reason code should be included when an item has incorrect price information. For the order level ISR segment, the ISR-01 should include a value of IN, the ISR-02 and ISR-03 are not needed. For the item level ISR segment, the ISR-01 should include a value of IN, the ISR-02 is not needed, and the ISR-03 should include a value of W05. The store will not see this 870 status. Lowe's SOS Specialist will contact the vendor to discuss the pricing discrepancy.

W08 Material Shortage

Please Note:

W08 - Material Shortage – Item Level Status Reason Code in ISR03 - The W08 item level reason code should be included when an item has a complete out-of-stock condition or a partial out-of-stock condition. For the order level ISR segment, the ISR-01 should include a value of IN, the ISR-02 is not needed, and the ISR-03 should include a value of REJ. For the item level ISR segment, the ISR-01 should include a value of DS, the ISR-02 is not needed, and the ISR-03 should include a value of W08. The QTY segment should follow the ISR segment in the 870, with a qualifier of 63 in the QTY-01 and the value in the QTY-02 should include the quantity the vendor has available to ship. For the complete out-of-stock condition, the QTY-02 should include a zero. For the partial out-of-stock condition, the QTY-02 should include the amount of product the vendor has available to ship. When this condition occurs, the vendor should not proceed with the order. The store will issue a cancellation 850 at which time the vendor should issue a DE 870.

Please Note:

THIS ISR SEGMENT CORRESPONDS WITH 210 IN THE POS COLUMN ON PAGE 2 OF THIS DOCUMENT. THIS IS THE ITEM LEVEL ISR SEGMENT. (This should help identify the placement of this segment.)

QTY Quantity

Pos: 230	Max: 2
Detail - Conditional	
Loop: ISR	Elements: 2

User Option (Usage): Mandatory

Purpose: To specify quantity information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
QTY01	673	Quantity Qualifier	C	ID	2/2	Optional	1
		Description: Code specifying the type of quantity					
		Code Name					
		39 Shipped Quantity					
		63 On Order Quantity					
QTY02	380	Quantity	C	R	1/15	Mandatory	1
		Description: Numeric value of quantity					

Please Note:

PLEASE REFER TO LOWE'S 870 SOS BUSINESS EXAMPLES ON WHEN THE QTY SEGMENT SHOULD BE USED. THE BUSINESS EXAMPLES CAN BE FOUND ON LOWESLINK.

The QTY segment is required if there is a difference between what was ordered and what can be shipped, and for a Shipment Complete status.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 270	Max: 1
Detail - Optional	
Loop: ISR	Elements: 4

User Option (Usage): Mandatory

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
TD502	66	Identification Code Qualifier	C	ID	1/2	Dependent	1
		Description: Code designating the system/method of code structure used for Identification Code (67)					
		Code Name					
		2 Standard Carrier Alpha Code (SCAC)					
TD503	67	Identification Code	C	AN	2/4	Dependent	1
		Description: Code identifying a party or other code					
TD504	91	Transportation Method/Type Code	C	ID	1/2	Optional	1
		Description: Code specifying the method or type of transportation for the shipment					
		Code Name					
		A Air					
		C Consolidation					
		D Parcel Post					
		E Expedited Truck					
		H Customer Pickup					
		L Contract Carrier					
		M Motor (Common Carrier)					
		O Containerized Ocean					
		R Rail					
		S Ocean					
		T Best Way (Shippers Option)					
		U Private Parcel Service					
		X Intermodal (Piggyback)					
		AE Air Express					
		BU Bus					
		CE Customer Pickup / Customer's Expense					
		LT Less Than Trailer Load (LTL)					
		SR Supplier Truck					
TD505	387	Routing	C	AN	1/35	Optional	1
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity					
		Please Note: If SCAC is not given then this element will contain the carrier name.					

Please Note:

The TD5 and RE*AAO segments are required when you are providing the 870 "CC" Shipment Complete status for

customer/installer Direct Deliver Order. It is preferred that you send these segments on all 870 "CC" statuses.

When the TD5 is present, at least one of TD502, TD504, TD505 is required. If TD502 is present, then TD503 is required.

If the SOS shipment will be picked up by Lowe's from the vendor, the vendor should send "H" in the TD5-04 (customer pickup) and send "Lowe's will pick up and deliver to store" in the TD5-05.

*Example - TD5****H*Lowe's will pick up and deliver to store*

For the REF segment for orders to be picked up by Lowe's from the vendor, the vendor could include their Bill of Lading number in the REF-02.

If using the United States Postal Service (SCAC = USPS) for order delivery, you should use the Transportation Method code of "D" for Parcel Post.

REF Reference Identification

Pos: 300	Max: 12
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Mandatory

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory	1

Description: Code qualifying the Reference Identification

Code Name

AAO Carrier Assigned Code

REF02	127	Reference Identification	C	AN	1/30	Mandatory	1
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Please Note: *Carrier tracking number.*

Please Note:

THIS REF SEGMENT CORRESPONDS WITH 300 IN THE POS COLUMN ON PAGE 2 OF THIS DOCUMENT. (This should help identify the placement of this segment.)

*The TD5 and REF*AAO segments are required when you are providing the 870 "CC" Shipment Complete status for customer/installer Direct Deliver Order. It is preferred that you send these segments on all 870 "CC" statuses.*

The valid value in the REF-01 for the carrier assigned code is AAO (alpha characters).

*The REF*AAO segment is mandatory when the specific 870 Order Status you are providing is a "CC" for a Direct Delivery.*

If using the United States Postal Service (SCAC = USPS) for order delivery, you must use the service option that will provide a tracking number.

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Mandatory

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
CTT01	354	Number of Line Items	M	N0	1/6	Mandatory	1

Description: Total number of line items in the transaction set

Please Note: *Number of HL segments in the transaction set.*

SE Transaction Set Trailer

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

User Option (Usage): Mandatory

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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SE01	96	Number of Included Segments	M	N0	1/10	Mandatory	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number	M	AN	4/9	Mandatory	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					