

LOWE'S EDI

870 (SOS) Order Status Report

Version: 004010

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Modified:

4/17/2013

Notes:

This 870 Implementation Guide includes the EDI 870 Order Status data requirements. Also use the SOS Vendor Packet, 870 Order Status Matrix for Vendors, and 870 EDI Business Examples on LowesLink to ensure your 870 data is accurate and timely.

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870

Order Status Report

Functional Group=RS

Purpose: The 870 Order Status Report is used by Lowe's EDI SOS Vendors to convey information to Lowe's about a specific customer order (SOS PO). Each 870 must relate to the entire SOS PO. Both order level and item level statuses may be included in the 870. When item exceptions do not exist for an SOS PO, only an order level status is required. When a line item has an exception, all line items must be included in the 870. The 870 allows for the inclusion of 'reasons' relative to the status. The 870 may also be used to update the vendor's scheduled shipment or delivery dates for the SOS PO.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Mandatory
	GS	Functional Group Header	M	1			Mandatory
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					1000		
010	HL	Hierarchical Level - ORDER LEVEL	M	1			Mandatory
020	PRF	Purchase Order Reference - ORDER LEVEL	O	1			Mandatory
LOOP ID - ISR					104		
030	ISR	Item Status Report - ORDER LEVEL	M	1		N2/030	Mandatory
LOOP ID - REF					>1		
087	REF	Reference Identification - ORDER LEVEL	O	1			Mandatory
LOOP ID - HL					1000		
010	HL	Hierarchical Level - ITEM LEVEL	M	1			Mandatory
LOOP ID - PO1					1000		
150	PO1	Baseline Item Data - ITEM LEVEL	O	1			Mandatory
LOOP ID - ISR					104		
210	ISR	Item Status Report - ITEM LEVEL	O	1			Mandatory
230	QTY	Quantity - ITEM LEVEL	C	2			Mandatory
270	TD5	Carrier Details (Routing Sequence/Transit Time) - ITEM LEVEL	O	1			Mandatory
300	REF	Reference Identification - ITEM LEVEL	O	12			Mandatory

Summary:

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

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>
	GE	Functional Group Trailer	M	1			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

Please Note:

The SOS 850 PO and 870 Order Status processes and business rules can be found in Lowe's SOS Vendor Packet.
<http://www.loweslink.com/llmain/pubdocuments/SOSVendorPacket.pdf>

Key information on the types of 870s to submit and the data requirements are defined in the 870 Order Status Matrix for Vendors document.
<http://www.loweslink.com/llmain/pubdocuments/870OrderStatusMatrix.pdf>

Also refer to the EDI SOS 870 Business Examples when reviewing these EDI 870 Guidelines and above documents.
<http://www.loweslink.com/llmain/pubdocuments/8704010SOSbussex.pdf>

All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Lowe's usages.

Please note, the three Item Level loops displayed above (HL at Item Level, PO1, ISR) are only Mandatory at the Item Level for each line item in the 870 when Item Level Exceptions are reported in the 870 or when the 'CC' Shipment Complete 870 is transmitted to Lowe's.

ISA Interchange Control Header

Pos:	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Mandatory

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control 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>				
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Mandatory	1				
<p>Description: Code to identify the type of information in the Authorization Information</p> <p>CodeList Summary (Total Codes: 7, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Authorization Information Present (No Meaningful Information in I02)</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	00	No Authorization Information Present (No Meaningful Information in I02)
<u>Code</u>	<u>Name</u>										
00	No Authorization Information Present (No Meaningful Information in I02)										
ISA02	I02	Authorization Information	M	AN	10/10	Mandatory	1				
<p>Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)</p> <p>Please Note: <i>This element should be filled with spaces.</i></p>											
ISA03	I03	Security Information Qualifier	M	ID	2/2	Mandatory	1				
<p>Description: Code to identify the type of information in the Security Information</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Security Information Present (No Meaningful Information in I04)</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	00	No Security Information Present (No Meaningful Information in I04)
<u>Code</u>	<u>Name</u>										
00	No Security Information Present (No Meaningful Information in I04)										
ISA04	I04	Security Information	M	AN	10/10	Mandatory	1				
<p>Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</p> <p>Please Note: <i>This element should be filled with spaces.</i></p>											
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory	1				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>All valid standard codes are used. (Total Codes: 38)</p>											
ISA06	I06	Interchange Sender ID	M	AN	15/15	Mandatory	1				
<p>Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element</p>											
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory	1				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID</p>											

element being qualified

Please Note: *Lowe's EDI Qualifier is 08.*

CodeList Summary (Total Codes: 38, Included: 1)

<u>Code</u>	<u>Name</u>
08	UCC EDI Communications ID (Comm ID)

ISA08	I07	Interchange Receiver ID	M	AN	15/15	Mandatory	1
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them					
		Please Note: <i>Lowe's EDI Receiver ID is 6135830001.</i>					

ISA09	I08	Interchange Date	M	DT	6/6	Mandatory	1
		Description: Date of the interchange					

ISA10	I09	Interchange Time	M	TM	4/4	Mandatory	1
		Description: Time of the interchange					

ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Mandatory	1
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer					
		All valid standard codes are used. (Total Codes: 1)					

ISA12	I11	Interchange Control Version Number	M	ID	5/5	Mandatory	1
		Description: Code specifying the version number of the interchange control segments					

CodeList Summary (Total Codes: 14, Included: 1)

<u>Code</u>	<u>Name</u>
00400	Standard Issued as ANSI X12.5-1997

ISA13	I12	Interchange Control Number	M	N0	9/9	Mandatory	1
		Description: A control number assigned by the interchange sender					

ISA14	I13	Acknowledgment Requested	M	ID	1/1	Mandatory	1
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)					

CodeList Summary (Total Codes: 2, Included: 1)

<u>Code</u>	<u>Name</u>
0	No Acknowledgment Requested

ISA15	I14	Usage Indicator	M	ID	1/1	Mandatory	1
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information					

CodeList Summary (Total Codes: 3, Included: 2)

<u>Code</u>	<u>Name</u>
P	Production Data
T	Test Data

ISA16	I15	Component Element Separator	M		1/1	Mandatory	1
		Description: Type is not applicable; the component element separator is a delimiter					

and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Example:

```
ISA*00*          *00*          *01*SENDER'S ID  *08*6135830001  *130415*1400*U*00400*000000001*0*P>
```

GS

Functional Group Header

Pos:	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Mandatory

Purpose: To indicate the beginning of a functional group and to provide control 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>				
GS01	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets CodeList Summary (Total Codes: 240, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>RS</td> <td>Order Status Information (869, 870)</td> </tr> </table>	<u>Code</u>	<u>Name</u>	RS	Order Status Information (869, 870)	M	ID	2/2	Mandatory	1
<u>Code</u>	<u>Name</u>										
RS	Order Status Information (869, 870)										
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Mandatory	1				
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission; codes agreed to by trading partners Example: <i>Lowe's EDI Receiver ID is 6135830001.</i>	M	AN	2/15	Mandatory	1				
GS04	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Mandatory	1				
GS05	337	Time 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)	M	TM	4/8	Mandatory	1				
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Mandatory	1				
GS07	455	Responsible Agency Code Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 CodeList Summary (Total Codes: 2, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>X</td> <td>Accredited Standards Committee X12</td> </tr> </table>	<u>Code</u>	<u>Name</u>	X	Accredited Standards Committee X12	M	ID	1/2	Mandatory	1
<u>Code</u>	<u>Name</u>										
X	Accredited Standards Committee X12										
GS08	480	Version / Release / Industry Identifier Code Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480	M	AN	1/12	Mandatory	1				

positions 1-3 are the version number;
positions 4-6 are the release and
subrelease, level of the version; and
positions 7-12 are the industry or trade
association identifiers (optionally assigned
by user); if code in DE455 in GS segment
is T, then other formats are allowed

CodeList Summary (Total Codes: 39, Included: 1)

<u>Code</u>	<u>Name</u>
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Example:

*GS*RS*SENDER'S ID*6135830001*20130415*1646*000000001*X*004010*

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 Description: Code uniquely identifying a Transaction Set All valid standard codes are used. (Total Codes: 298)	M	ID	3/3	Mandatory	1
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Mandatory	1

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>CodeList Summary (Total Codes: 12, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Unsolicited Report</td> </tr> </tbody> </table> <p>Please Note: Send only a value of 3; do not send a value of 03.</p>								<u>Code</u>	<u>Name</u>	3	Unsolicited Report
<u>Code</u>	<u>Name</u>										
3	Unsolicited Report										
BSR02	847	Order/Item Code	M	ID	2/2	Mandatory	1				
<p>Description: Code identifying a group of orders and items</p> <p>CodeList Summary (Total Codes: 8, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PA</td> <td>Selected Orders - All Items</td> </tr> </tbody> </table> <p>Please Note: If the status at the Order Level applies to all items, for example, re-schedule the delivery date for the entire PO, the item level detail should not be included in the 870. When Item Level Exceptions are reported in the 870 or when the 'CC' Shipment Complete 870 is transmitted to Lowe's, all line items must be included in the 870.</p>								<u>Code</u>	<u>Name</u>	PA	Selected Orders - All Items
<u>Code</u>	<u>Name</u>										
PA	Selected Orders - All Items										
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*20130415***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							
CodeList Summary (Total Codes: 1503, Included: 1)							
		<u>Code</u>		<u>Name</u>			
		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 as sent in the EDI 850 PO.</i>							

Example:

REF*IA*12345

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

CodeList Summary (Total Codes: 1312, Included: 4)

<u>Code</u>	<u>Name</u>
MA	Party for whom Item is Ultimately Intended
OB	Ordered By
SN	Store
ST	Ship To

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 direct to the customer/installer.
 -ST is used to identify the Name of the Person receiving the Shipment
 -SN is used to identify the 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.

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

Description: Free-form name
Please Note: N102=Name should match the value as sent in the EDI 850 PO.

N103	66	Identification Code Qualifier	C	ID	1/2	Conditional	1
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 2)

<u>Code</u>	<u>Name</u>
12	Telephone Number (Phone)
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 5-digit Location Number as sent in the EDI 850 PO.
 When N103=12, then N104=Buying Customer's Phone Number as sent in the EDI 850 PO.

Please Note:

When the order is direct ship to the customer, include these three segments:

*N1*ST*Name of Person Receiving Shipment*12*999 9999999*

*N1*SN**94*655 (Lowe's store number)*

*N1*OB*Buying Customer's Last, First Name*12*999 9999999*

When the order is shipped to a Lowe's store, include these two segments:

*N1*ST**94*655 (Lowe's store number)*

*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, include these three segments:

*N1*ST**94*960 (Lowe's distribution center number)*

*N1*MA**94*655 (Lowe's store number)*

*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 Description: Free-form text for city name	C	AN	2/30	Optional	1
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	C	ID	2/2	Optional	1
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	C	ID	3/15	Optional	1
N404	26	Country Code Description: Code identifying the country	C	ID	2/3	Optional	1

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 - ORDER 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 <i>Description:</i> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Mandatory	1				
HL03	735	Hierarchical Level Code <i>Description:</i> Code defining the characteristic of a level in a hierarchical structure CodeList Summary (Total Codes: 170, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>O</td> <td>Order</td> </tr> </table>	<u>Code</u>	<u>Name</u>	O	Order	M	ID	1/2	Mandatory	1
<u>Code</u>	<u>Name</u>										
O	Order										

Please Note:

IMPORTANT HL INFORMATION --

ORDER LEVEL HL LOOP

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

ITEM LEVEL HL LOOP

When line item detail is included in the 870, each line item in the 870 requires an HL loop which includes these segments: HL, PO1, ISR, and QTY01='63'.

*Additionally for each line item included in the 'CC' Shipment Complete 870, these additional segments are required in the Item Level HL Loop: TD5 and REF*AAO, plus an additional QTY segment with QTY01='39'.*

Example:

HL*1**O

PRF Purchase Order Reference - ORDER LEVEL

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 Description: Identifying number for Purchase Order assigned by the orderer/purchaser Please Note: <i>Lowe's PO number as sent in the EDI SOS 850.</i>	M	AN	1/9	Mandatory	1
PRF04	373	Date Description: Date expressed as CCYYMMDD Please Note: <i>Lowe's PO order date - Date of Original 850. For original orders and cancellation orders, send date of original 850.</i>	O	DT	8/8	Mandatory	1
PRF07	92	Purchase Order Type Code Description: Code specifying the type of Purchase Order Please Note: <i>When PRF07='DR', this indicates the PO is a direct shipment to a customer/installer. When PRF07='OS', this indicates the PO will be shipped to a Lowe's facility. When included in the 870, this value should match the value sent in the EDI 850 PO.</i>	O	ID	2/2	Optional	1

CodeList Summary (Total Codes: 69, Included: 2)

<u>Code</u>	<u>Name</u>
DR	Direct Ship
OS	Special Order

Please Note:

PRF*99999999***20150417***OS

ISR

Item Status Report - ORDER LEVEL

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

User Option (Usage): Mandatory

Purpose: To specify detailed purchase order/item status

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>
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

CodeList Summary (Total Codes: 102, Included: 8)

<u>Code</u>	<u>Name</u>
AP	Allocation
CC	Shipment Complete on (Date)
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	Conditional	1
-------	-----	-------------	---	----	-----	-------------	---

Description: Date expressed as CCYYMMDD

Please Note: Include ISR02 with the rescheduled date ONLY when ISR01=ED/EX at Order Level.

ISR03	641	Status Reason Code	O	ID	3/3	Conditional	1
-------	-----	---------------------------	---	----	-----	-------------	---

Description: Code indicating the status reason

CodeList Summary (Total Codes: 387, Included: 5)

<u>Code</u>	<u>Name</u>
051	Vendor-Supplied Carrier Delay
052	Import Container Delay
A03	Incorrect Address
A45	Delivery Not Completed
REJ	Rejected - Insufficient or Incorrect Information

Please Note:

See the '870 Order Status Matrix' and 'SOS EDI Vendor Packet' in the SOS section within the EDI tab on LowesLink to review the usage of the Order Level and Item Level Statuses. These are key documents that include specific details on the types of 870s to submit and the data requirements for the 870.

REF

Reference Identification - ORDER LEVEL

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							
CodeList Summary (Total Codes: 1503, Included: 1)							
		<u>Code</u>		<u>Name</u>			
		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 and REF-02=Project Number the same as transmitted in the EDI 850 PO.

Example:

*REF*JB*123456789*

HL

Hierarchical Level - ITEM 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. This segment is MANDATORY at the Item Level for each line item in the 870 when Item Level Exceptions are reported in the 870 or when the 'CC' Shipment Complete 870 is transmitted to Lowe's.

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					
		CodeList Summary (Total Codes: 170, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		I	Item				

Please Note:

IMPORTANT HL INFORMATION --

ORDER LEVEL HL LOOP

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

ITEM LEVEL HL LOOP (see note above in 'Purpose' in regards to the HL Loop at the Item Level)

When line item detail is included in the 870, each line item in the 870 requires an HL loop which includes these segments: HL, PO1, ISR, and QTY01='63'.

*Additionally for each line item included in the 'CC' Shipment Complete 870, these additional segments are required in the Item Level HL Loop: TD5 and REF*AAO, plus an additional QTY segment with QTY01='39'.*

Example:

*HL *2**I*

PO1

Baseline Item Data - ITEM LEVEL

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. This segment is MANDATORY at the Item Level for each line item in the 870 when Item Level Exceptions are reported in the 870 or when the 'CC' Shipment Complete 870 is transmitted to Lowe's.

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>
PO101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set Please Note: <i>Lowe's may split orders between vendors. For this reason, the assigned line number may not be sequential on an order. When item detail is included in the 870, always include the value in the PO1-01 the same as sent in the 850 PO. The vendor should also include the items in the 870 in the same sequence as sent in the 850.</i>	O	AN	1/20	Mandatory	1
PO102	330	Quantity Ordered Description: Quantity ordered	C	R	1/15	Mandatory	1
PO103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Please Note: <i>The value in PO1-03 should match the value sent in the EDI 850 PO.</i>	O	ID	2/2	Mandatory	1

CodeList Summary (Total Codes: 794, Included: 20)

<u>Code</u>	<u>Name</u>
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 and answer pairings given for an item in the PO1 and PID segments.

PO104	212	Unit Price	C	R	1/12	Optional	1						
<p>Description: Price per unit of product, service, commodity, etc. Please Note: <i>When included in the 870, the value in PO104 should match the value sent in the EDI 850 PO.</i></p>													
PO105	639	Basis of Unit Price Code	O	ID	2/2	Optional	1						
<p>Description: Code identifying the type of unit price for an item Please Note: <i>When included in the 870, the value in PO105 should match the value sent in the EDI 850 PO.</i></p> <p>CodeList Summary (Total Codes: 91, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>NC</td> <td>No Charge</td> </tr> <tr> <td>QT</td> <td>Quoted</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	NC	No Charge	QT	Quoted
<u>Code</u>	<u>Name</u>												
NC	No Charge												
QT	Quoted												
PO106	235	Product/Service ID Qualifier	C	ID	2/2	Mandatory	1						
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 477, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CB</td> <td>Buyer's Catalog Number</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	CB	Buyer's Catalog Number		
<u>Code</u>	<u>Name</u>												
CB	Buyer's Catalog Number												
PO107	234	Product/Service ID	C	AN	1/9	Mandatory	1						
<p>Description: Identifying number for a product or service Please Note: <i>When PO1-06=CB, then PO1-07=Lowe's Item Number as sent in the EDI 850 PO.</i></p>													
PO108	235	Product/Service ID Qualifier	C	ID	2/2	Conditional	1						
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 477, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>VC</td> <td>Vendor's (Seller's) Catalog Number</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	VC	Vendor's (Seller's) Catalog Number		
<u>Code</u>	<u>Name</u>												
VC	Vendor's (Seller's) Catalog Number												
PO109	234	Product/Service ID	C	AN	1/20	Optional	1						
<p>Description: Identifying number for a product or service Please Note: <i>When PO1-08=VC, then PO1-09=Vendor's Model Number as sent in the EDI 850 PO.</i></p>													
PO110	235	Product/Service ID Qualifier	C	ID	2/2	Conditional	1						
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 477, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>UP</td> <td>U.P.C. Consumer Package Code (1-5-5-1)</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	UP	U.P.C. Consumer Package Code (1-5-5-1)		
<u>Code</u>	<u>Name</u>												
UP	U.P.C. Consumer Package Code (1-5-5-1)												
PO111	234	Product/Service ID	C	AN	12/12	Optional	1						
<p>Description: Identifying number for a product or service</p>													

Please Note: *When PO1-10=UP, then
PO1-11=Product UPC Bar Code Number
as sent in the EDI 850 PO.*

Example:

*PO1*1*25*EA*2.5*QT*CB*123456789*VC*ABC123*UP*012345678905*

ISR

Item Status Report - ITEM LEVEL

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

User Option (Usage): Mandatory

Purpose: To specify detailed purchase order/item status. This segment is MANDATORY at the Item Level for each line item in the 870 when Item Level Exceptions are reported in the 870 or when the 'CC' Shipment Complete 870 is transmitted to Lowe's.

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>
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

CodeList Summary (Total Codes: 102, Included: 6)

<u>Code</u>	<u>Name</u>
CC	Shipment Complete on (Date)
DS	Out Of Stock Condition
ED	Expect to Ship By (Date)
EX	Expect to Deliver by
IC	Item Canceled
IN	In Process

ISR02	373	Date	C	DT	8/8	Conditional	1
-------	-----	------	---	----	-----	-------------	---

Description: Date expressed as CCYYMMDD

Please Note: Include ISR02 with the rescheduled date ONLY when ISR01=ED/EX at Item Level.

ISR03	641	Status Reason Code	O	ID	3/3	Conditional	1
-------	-----	--------------------	---	----	-----	-------------	---

Description: Code indicating the status reason

CodeList Summary (Total Codes: 387, Included: 3)

<u>Code</u>	<u>Name</u>
REJ	Rejected - Insufficient or Incorrect Information
W05	Order Discrepancy
W08	Material Shortage

Please Note:

See the '870 Order Status Matrix' and 'SOS EDI Vendor Packet' in the SOS section within the EDI tab on LowesLink to review the usage of the Order Level and Item Level Statuses. These are key documents that include specific details on the types of 870s to submit and the data requirements for the 870.

QTY

Quantity - ITEM LEVEL

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

User Option (Usage): Mandatory

Purpose: To specify quantity information. This segment is MANDATORY at the Item Level for each line item in the 870 when Item Level Exceptions are reported in the 870 or when the 'CC' Shipment Complete 870 is transmitted to Lowe's.

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	Mandatory	1
Description: Code specifying the type of quantity							
CodeList Summary (Total Codes: 832, Included: 2)							
		<u>Code</u>		<u>Name</u>			
		39		Shipped Quantity			
		63		On Order Quantity			
QTY02	380	Quantity	C	R	1/15	Mandatory	1
Description: Numeric value of quantity							

Please Note:

When Item Exceptions are included in the 870, always include the QTY01=63 and QTY02=the on-order quantity which should match the amount available to ship.

Also when the 870 includes the 'CC' Shipment Complete Status, include an additional QTY segment including: QTY01=39 and QTY02=Shipped Qty.

Example:

QTY*39*10 (Qualifier 39 only used in CC 870 Order Status)

QTY*63*10 (Qualifier 63 is used in all 870s when Item Detail is included in the 870)

TD5

Carrier Details (Routing Sequence/Transit Time) - ITEM LEVEL

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. This segment is MANDATORY when the 'CC' Shipment Complete 870 is transmitted to Lowe's.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep																																						
TD502	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) CodeList Summary (Total Codes: 215, Included: 1) <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Carrier Alpha Code (SCAC)</td> </tr> </tbody> </table>	Code	Name	2	Standard Carrier Alpha Code (SCAC)	C	ID	1/2	Conditional	1																																		
Code	Name																																												
2	Standard Carrier Alpha Code (SCAC)																																												
TD503	67	Identification Code Description: Code identifying a party or other code	C	AN	2/4	Optional	1																																						
TD504	91	Transportation Method/Type Code Description: Code specifying the method or type of transportation for the shipment CodeList Summary (Total Codes: 71, Included: 18) <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr><td>A</td><td>Air</td></tr> <tr><td>C</td><td>Consolidation</td></tr> <tr><td>D</td><td>Parcel Post</td></tr> <tr><td>E</td><td>Expedited Truck</td></tr> <tr><td>H</td><td>Customer Pickup</td></tr> <tr><td>L</td><td>Contract Carrier</td></tr> <tr><td>M</td><td>Motor (Common Carrier)</td></tr> <tr><td>O</td><td>Containerized Ocean</td></tr> <tr><td>R</td><td>Rail</td></tr> <tr><td>S</td><td>Ocean</td></tr> <tr><td>T</td><td>Best Way (Shippers Option)</td></tr> <tr><td>U</td><td>Private Parcel Service</td></tr> <tr><td>X</td><td>Intermodal (Piggyback)</td></tr> <tr><td>AE</td><td>Air Express</td></tr> <tr><td>BU</td><td>Bus</td></tr> <tr><td>CE</td><td>Customer Pickup / Customer's Expense</td></tr> <tr><td>LT</td><td>Less Than Trailer Load (LTL)</td></tr> <tr><td>SR</td><td>Supplier Truck</td></tr> </tbody> </table>	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	C	ID	1/2	Optional	1
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																																												
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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 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.	C	AN	1/35	Optional	1																																						

Please Note:

The TD5 and REF*AAO segments are required when you are providing the 870 'CC' Shipment Complete status for all SOS shipments.

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 include these values in the TD5 segment.

TD504=H (customer pickup) and

TD505='Lowe's Pickup for Store Delivery'

*Example - TD5****H*Lowe's Pickup for Store Delivery*

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 REF02.

If using the United States Postal Service for order delivery (TD503=USPS), then TD504=D for Parcel Post. You should also use the service option that will provide a tracking number for the REF02.

Example:

*TD5**2*AIRB*U (Segment used only in CC 870 Order Status)*

REF Reference Identification - ITEM LEVEL

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

User Option (Usage): Mandatory

Purpose: To specify identifying information. This segment is MANDATORY when the 'CC' Shipment Complete 870 is transmitted to Lowe's.

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

CodeList Summary (Total Codes: 1503, Included: 1)

<u>Code</u>	<u>Name</u>
AAO	Carrier Assigned Code

Please Note:

This field includes alpha characters 'AAO'.

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: *Carrier tracking number.*

Please Note:

*The TD5 and REF*AAO segments are required when you are providing the 870 'CC' Shipment Complete status for all SOS shipments.*

If the SOS shipment will be picked up by Lowe's from the vendor, the vendor should include these values in the TD5 segment.

TD504=H (customer pickup) and

TD505='Lowe's Pickup for Store Delivery'

*Example - TD5****H*Lowe's Pickup for Store Delivery*

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 REF02.

If using the United States Postal Service for order delivery (TD503=USPS), then TD504=D for Parcel Post. You should also use the service option that will provide a tracking number for the REF02.

Example:

*REF*AAO*34557574962 (Segment used only in CC 870 Order Status)*

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.

Example:

CTT*4

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 Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Mandatory	1
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Mandatory	1

Example:

SE*32*00000001

GE Functional Group Trailer

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

User Option (Usage): Mandatory

Purpose: To indicate the end of a functional group and to provide control 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>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Mandatory	1
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element					
GE02	28	Group Control Number	M	N0	1/9	Mandatory	1
		Description: Assigned number originated and maintained by the sender					
		Please Note: <i>Must match the control number in the GS-06 element.</i>					

Example:

GE*1*000000001

IEA

Interchange Control Trailer

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

User Option (Usage): Mandatory

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control 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>
IEA01	I16	Number of Included Functional Groups <i>Description:</i> A count of the number of functional groups included in an interchange	M	N0	1/5	Mandatory	1
IEA02	I12	Interchange Control Number <i>Description:</i> A control number assigned by the interchange sender <i>Please Note:</i> Must match the control number in the ISA-13 element.	M	N0	9/9	Mandatory	1

Example:

IEA*1*00000001