LOWE'S EDI

846 Inventory Inquiry/Advice

Version: 6010

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Inventory Inquiry/Advice

Functional Group=**IB**

Purpose: This document includes the 846 Inventory Inquiry/Advice Transaction Set data requirements for reporting weekly consignment inventory within our Flatbed Distribution Centers (FDCs) for an assigned Lowe's vendor number.   The EDI 846 transaction should be used for informational purposes only by Lowe's consignment vendors.

It also provides our consignment vendors with an assigned Lowe's purchase order number to be used for invoicing the items shipped as included in this weekly transaction.   The purchase order number included in this transaction should not be used to ship product to Lowe's facilities.   It is for invoicing purposes only.

The consignment item detail in this transaction is reported by vendor number by FDC by item and includes these data fields:
   Lowe's item number and description
   Old Balance Quantity - Amount of inventory on-hand at the beginning of the previous buy-over week (the beginning inventory balance).
   Item Cost - For Commodity Consignment PO, per thousand cost per item.   For Non-Commodity Consignment PO, per piece cost for each item.   The per piece cost for the received cost per item is included for all PO Types.
   Received Quantity - Amount of product received for during the previous buy-over week.
   Shipped Quantity - Amount of product shipped during the previous buy-over week which should be used for invoicing.
   Adjustment Quantity - Amount of adjustments that occurred during the previous buy-over week.
   New Balance Quantity - Amount of inventory on-hand as of the buy-over week ending date (the ending inventory balance).

This transaction will be sent to Lowe's consignment vendors with our last outbound schedule each Friday.   The data included in this transaction represents the inventory activity by vendor number by consignment item that occurred from Friday through Thursday for each FDC.

An EDI 997 Functional Acknowledgment is required from our trading partners to confirm receipt of each 846 transaction.

For technical EDI questions, please use this document to identify Lowe's EDI Coordinator that handles your account
http://www.loweslink.com/llmain/pubdocuments/EDI_QUICK_REFERENCE.pdf

For questions related to the actual data contents, please contact the specific FDC.

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

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
0100	ST	Transaction Set Header	M	1			Mandatory
0200	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Mandatory
0600	REF	Reference Information	O	12			Mandatory
LOOP ID - N1					**5**		
0800	N1	Party Identification	O	1			Mandatory

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LIN					**>1**		
0100	LIN	Item Identification	M	1			Mandatory
0300	PID	Product/Item Description	O	200			Mandatory
1100	CTP	Pricing Information	O	25			Mandatory
LOOP ID - QTY					**99**		
3200	QTY	Quantity Information	O	1			Mandatory

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Mandatory
0200	SE	Transaction Set Trailer	M	1			Mandatory

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Mandatory	1

CodeList Summary (Total Codes: 9, Included: 1)

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA02	I02	**Authorization Information**	M	AN	10/10	Mandatory	1

Please Note: This element should be filled with spaces.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Mandatory	1

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

Code	Name
00	No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA04	I04	**Security Information**	M	AN	10/10	Mandatory	1

Please Note: This element should be filled with spaces.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA05	I05	**Interchange ID Qualifier for Lowe's**	M	ID	2/2	Mandatory	1
ISA06	I06	**Interchange Sender ID for Lowe's**	M	AN	15/15	Mandatory	1
ISA07	I05	**Interchange ID Qualifier for Receiver**	M	ID	2/2	Mandatory	1

All valid X12 codes are used. (Total Codes: 41)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Mandatory	1
ISA09	I08	**Interchange Date**	M	DT	6/6	Mandatory	1
ISA10	I09	**Interchange Time**	M	TM	4/4	Mandatory	1
ISA11	I65	**Repetition Separator**	M	AN	1/1	Mandatory	1

Please Note: The ISA11 has a type code of 'AN' which is not currently applicable to this field.   It will include a ^ (caret) symbol; hex value for EBCDIC is 5F or ASCII is 5E.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Mandatory	1

CodeList Summary (Total Codes: 27, Included: 1)

Code	Name
00600	ASC X12 Standards Issued by ANSI in 2008

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Mandatory	1
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Mandatory	1

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

Code	Name
0	No Interchange Acknowledgment Requested

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Mandatory	1

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

Code	Name
P	Production Data
T	Test Data

ISA16	I15	**Component Element Separator**	M	1/1	Mandatory	1

Example:

ISA*00*   *00*   *01*006097142   *01*receiver's id *110826*1700*^*00600*000000001*0*P*>\ (see note above on ISA11)

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS01	479	**Functional Identifier Code**	M	ID	2/2	Mandatory	1

CodeList Summary (Total Codes: 260, Included: 1)

Code	Name
IB	Inventory Inquiry/Advice (846)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS02	142	**Application Sender's Code for Lowe's**	M	AN	2/15	Mandatory	1
GS03	124	**Application Receiver's Code**	M	AN	2/15	Mandatory	1
GS04	373	**Date**	M	DT	8/8	Mandatory	1
GS05	337	**Time**	M	TM	4/8	Mandatory	1
GS06	28	**Group Control Number**	M	N0	1/9	Mandatory	1
GS07	455	**Responsible Agency Code**	M	ID	1/2	Mandatory	1

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

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS08	480	**Version** / **Release** / **Industry Identifier Code**	M	AN	1/12	Mandatory	1

CodeList Summary (Total Codes: 71, Included: 1)

Code	Name
006010	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2008

Example:

GS*IB*006097142*receiver's id*20110826*1646*000000001*X*006010\

ST | Transaction Set Header

Pos: 0100	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Mandatory	1

CodeList Summary (Total Codes: 319, Included: 1)

Code	Name
846	Inventory Inquiry/Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Mandatory	1

Example:

ST*846*000000001\

BIA

Beginning Segment for Inventory Inquiry/Advice

Pos: 0200   **Max: 1**
Heading - Mandatory
Loop: N/A   **Elements: 4**

User Option (Usage): Mandatory
Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA01	353	**Transaction Set Purpose Code**	M	ID	2/2	Mandatory	1

CodeList Summary (Total Codes: 67, Included: 1)

Code	Name
22	Information Copy

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA02	755	**Report Type Code**	M	ID	2/2	Mandatory	1

CodeList Summary (Total Codes: 553, Included: 1)

Code	Name
SI	Seller Inventory Report

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA03	127	**Reference Identification**	M	AN	1/80	Mandatory	1

Please Note: This field will include a value
of WEEKLY.
This will assist to identify   the 846
represents weekly consignment reporting.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA04	373	**Date**	M	DT	8/8	Mandatory	1

Please Note: This data field includes the
Week Ending Date; format=CCYYMMDD.

Example:

BIA*22*SI*WEEKLY*20110105\

REF   Reference Information

Pos: 0600	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory
Purpose: To specify identifying information

Element Summary:

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

CodeList Summary (Total Codes: 1795, Included: 3)

Code	Name
IA	Internal Vendor Number
PO	Purchase Order Number
RE	Release Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	X	AN	1/80	Mandatory	1

Please Note:

For each 846, there should be three REF segments.

When REF01=IA, REF02=Lowe's assigned consignment vendor number.

When REF01=PO, REF02=Purchase Order Number to be used for Invoicing purposes for items shipped during the previous buy-over week.   The purchase order number included in this transaction should not be used to ship product to Lowe's facilities.   It is for invoicing purposes only.   When there are no items shipped during the previous buy-over week (QTY01=94 and QTY02=0), the purchase order number should not be used for invoicing

When REF01=RE, REF02=Purchase Order RR (Release) Number.   The RR Number may be greater than 1 when a Purchase Order has been adjusted.   Always use the highest RR Number when processing this transaction for a specific vendor number and specific FDC.

810 TURN AROUND INFORMATION:
The Purchase Order transmitted in the REF02 of the 846 must be returned in the BIG04 field of the 810 invoice.

Example:

Lowe's assigned Consignment Vendor Number
REF*IA*99999

Purchase Order Number
REF*PO*999999999

Purchase Order RR (Release) Number
REF*RE*1

N1   Party Identification

Pos: 0800	**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:

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

CodeList Summary (Total Codes: 1521, Included: 2)

Code	Name
SF	Ship From
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N102	93	**Name**	X	AN	1/60	Conditional	1

Please Note: When N101=SF, N102 will include the Lowe's assigned consignment vendor name.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Conditional	1

CodeList Summary (Total Codes: 251, Included: 1)

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	X	AN	2/80	Conditional	1

Please Note:

For each 846, there should be two N1 segments.

When the N101=ST, the N102 is blank, the N103=93, and the N104 includes the Lowe's FDC location number. Its value is currently a minimum of two-digits and a maximum of five-digits. It is also zero-suppressed.

When the N101=SF, the N102 includes the Lowe's assigned consignment vendor name, and the N103 and N104 are not included.

810 TURN AROUND INFORMATION:
You must return the N1-01 and N1-04 element of the 846 in the N1-01 and N1-04 of the 810 invoice. However, the N1-03 will have different qualifiers sent in the 810 invoice than what was received in the 846.

Example:

FDC location number
N1*ST**93*9999\

Ship From Lowe's assigned consignment vendor name
N1*SF*vendor name\

LIN   **Item Identification**

Pos: 0100	**Max: 1**
Detail - Mandatory	
Loop: LIN	**Elements: 2**

User Option (Usage): Mandatory
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Mandatory	1

CodeList Summary (Total Codes: 518, Included: 1)

Code	Name
CB	Buyer's Catalog Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN03	234	**Product/Service ID**	M	AN	1/80	Mandatory	1

Please Note:

The segment includes Lowe's item number.   The item number may be up to 9-digits in length.   This field is zero-suppressed.

810 TURN AROUND INFORMATION:
When an item has a shipped quantity (QTY01=94) greater than zero (QTY02), include the same amount for the invoice quantity along with the same item details in the LIN segment of the 846 in the IT1 segment of the 810.

Example:

6-digit item number.
LIN**CB*999999\

3-digit item number
LIN**CB*999\

PID   **Product/Item Description**

Pos: 0300	Max: 200
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Mandatory
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID01	349	**Item Description Type**	M	ID	1/1	Mandatory	1

CodeList Summary (Total Codes: 3, Included: 1)

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID05	352	**Description**	X	AN	1/80	Mandatory	1

Please Note:

810 TURN AROUND INFORMATION:
Please return the PID segment the same as received in the 846, in the PID segment of the 810 invoice.

Example:

PID*F****1 QT PERENNIALS\

CTP   Pricing Information

Pos: 1100	**Max: 25**
Detail - Optional	
Loop: LIN	**Elements: 2**

User Option (Usage): Mandatory
Purpose: To specify pricing information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTP02	236	**Price Identifier Code**	X	ID	3/3	Mandatory	1

CodeList Summary (Total Codes: 168, Included: 2)

Code	Name
CON	Contract Price
UCP	Unit cost price

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTP03	212	**Unit Price**	X	R	1/17	Mandatory	1

Please Note:

Two CTP segments are included for each line item.

Commodity Consignment POs
When CTP02=CON, CTP03 includes a per thousand cost per item.
When CTP02=UCP, CTP03 includes the per piece cost for the received cost per item.

Non-Commodity Consignment POs
The same value will be included in these two fields per item for Non-Commodity Consignment POs.
When CTP02=CON, CTP03 includes a per piece cost for each item.
When CTP02=UCP, CTP03 includes the per piece cost for the received cost per item.

Example:

Commodity Consignment POs
CTP**CON*426.75405\
CTP**UCP*2.8261\

Non-Commodity Consignment POs
CTP**CON*2.72000\
CTP**UCP*2.7200\

QTY Quantity Information

Pos: 3200	Max: 1
Detail - Optional	
Loop: QTY	Elements: 2

User Option (Usage): Mandatory
Purpose: To specify quantity information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Mandatory	1

CodeList Summary (Total Codes: 1135, Included: 5)

Code	Name
18	Previous Week Quantity
87	Quantity Received
94	Billable Quantity
	Description: Number of billable units used
A5	Adjusted Quantity
V2	Available Quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY02	380	**Quantity**	X	R	1/15	Mandatory	1

Please Note:

For each item, a total of five QTY segments should be included.

QTY02 may contain a negative value.   If there are questions on the quantity, please contact the specific FDC.

If there is a zero amount for one of the QTY segments, the QTY02 will include a value of 0 (zero).

When QTY01=18, QTY02=the amount of inventory on-hand (the beginning inventory balance) at the FDC at the beginning of the previous buy-over week (Old Balance Quantity).
When QTY01=87, QTY02=the amount of product received for the item during the previous buy-over week at the FDC (Received Quantity).
When QTY01=94, QTY02=the amount of product shipped during the previous buy-over week from the FDC to Lowe's stores and the amount to be invoiced for the item (Shipped Quantity).
When QTY01=A5, QTY02=the item adjustments that occurred during the previous buy-over week (Adjustment Quantity).
When QTY01=V2, QTY02=the amount of inventory on-hand (the ending inventory balance) at the FDC as of the buy-over week ending date (New Balance Quantity).

Example:

Amount of inventory on-hand (the beginning inventory balance) at the FDC at the beginning of the previous buy-over week for an item
QTY*18*9999

Amount of product received for the item during the previous buy-over week
QTY*87*9999

Amount of product shipped during the previous buy-over week from the FDC to Lowe's stores and the amount to be invoiced for the item
QTY*94*9999

Amount of adjustments applied to an item during the previous buy-over week
QTY*A5*9999

Amount of inventory on-hand (the ending inventory balance) at the FDC as of the buy-over week ending date for an item
QTY*V2*9999

CTT   **Transaction Totals**

Pos: 0100	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:

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

Please Note:

This segment includes the number of LIN segments included in the 846.

SE

Transaction Set Trailer

Pos: 0200	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	**Number of Included Segments**	M	N0	1/10	Mandatory	1
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Mandatory	1

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Mandatory	1
GE02	28	**Group Control Number**	M	N0	1/9	Mandatory	1

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Mandatory	1
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Mandatory	1