

**84 LUMBER**

***ELECTRONIC DATA INTERCHANGE  
VENDOR IMPLEMENTATION PROGRAM  
INFORMATION PACKAGE  
850 – PURCHASE ORDERS  
VERSION 4010***

***October 10, 2022***

## 84 LUMBER EDI PROFILE

### 1. 84 LUMBER PERSONNEL

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### 2. VALUE ADDED NETWORKS USED

12/7242288820

GXS (OpenText)

01/604173971

Kleinschmidt

IBM (Sterling Commerce) (with signed Sterling Commerce Billing Addendum)

### 3. STANDARD SUPPORTED

ANSI X.12 version 4010

### 4. X.12 DELIMITER USED

Data Element Separator \*

Data Segment Separator ~

Subelement Separator >

### 5. FUNCTIONAL ACKNOWLEDGEMENT REQUIREMENTS

Functional Acknowledgements must be returned within 24 hours of receipt of Purchase Order.

**850 PURCHASE ORDERS**  
**X12 VERSION 4010 AS USED BY 84 LUMBER**

**FUNCTIONAL GROUP ID: PO**

This standard provides the format and establishes the data contents of a purchase order transaction set. The purchase order transaction set provides for customary and established business and industry practice relative to the placement of purchase orders for goods and services provided. This transaction set should not be used to convey purchase order changes or purchase order acknowledgement information.

<b><u>SEG</u></b>	<b><u>NAME</u></b>	<b><u>REQ.</u></b> <b><u>DES.</u></b>	<b><u>MAX</u></b> <b><u>USE</u></b>
ST	Transaction Set Header	M	1
BEG	Beginning Segment for PO	M	1
N9	Reference Identification	C	1
MSG	Note/Special Instruction	F	100
N1	Name	M	1
N3	Address Information	O	1
N4	Geographic Location	O	1
PER	Administrative Comm. Contact	O	1
PO1	Purchase Order Baseline Item Data	M	1
PO3	Additional Item Detail	C	1
PID	Product/Item Description	O	1
CTT	Transaction Totals	M	1
SE	Transaction Set Trailer	M	1

**ISA SEGMENT**

**PURPOSE:** Interchange Control Header. To start and identify an interchange of one or more functional groups and interchange related control segments.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
ISA01	I01	Auth. Info. Qualifier	M	ID	2/2	“00” = UCS Communications ID
ISA02	I02	Auth. Info.	M	AN	10/10	“ ”
ISA03	I03	Security Info. Qualifier	M	ID	2/2	“00” = Password
ISA04	I04	Security Info.	M	AN	10/10	“ ”
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	“12” or “01”
ISA06	I06	Interchange Sender ID	M	ID	15/15	“7242288820” or “604173971”
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Vendor supplied qualifier
ISA08	I07	Interchange Receiver ID	M	ID	15/15	Vendor supplied code
ISA09	I08	Interchange Date	M	DT	6/6	YYMMDD format
ISA10	I09	Interchange Time	M	TM	4/4	HHMM format
ISA11	I10	Interchange Standard ID	M	ID	1/1	“U” = U.S. EDI
ISA12	I11	Interchange Version ID	M	ID	5/5	“00401” Standard version
ISA13	I12	Interchange Control No.	M	N0	9/9	Control# (must match IEA control#)
ISA14	I13	Acknowledgement Req.	M	ID	1/1	“0” = Interchange Ack. Not Required
ISA15	I14	Test Indicator	M	ID	1/1	“P” = Production Data
ISA16	I15	Subelement Separator	M	AN	1/1	“>”

**GS SEGMENT**

**PURPOSE:** Functional Group Header. To indicate the beginning of a functional group and to provide control information.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
GS01	479	Functional ID Code	M	ID	2/2	“PO”
GS02	142	Application Sender’s ID	M	ID	2/15	“7242288820” or “604173971”
GS03	124	Application Receiver’s ID	M	ID	2/15	Vendor supplied code
GS04	29	Data Interchange Date	M	DT	8/8	CCYYMMDD format
GS05	30	Data Interchange Time	M	TM	4/4	HHMM format
GS06	28	Data Interchange Control#	M	N0	1/9	Control# (must match GE control#)
GS07	455	Responsible Agency Code	M	ID	1/ 2	“X”
GS08	480	Version/Rel Ind. ID Code	M	ID	1/12	“004010”

**ST SEGMENT**

**PURPOSE:** Transaction Set Header. To indicate the start of a transaction set and to assign a control number.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
ST01	143	Transaction Set ID Code	M	ID	3/3	“850”
ST02	329	Transaction Set Control#	M	AN	4/9	Control# (must match SE control#)

**BEG SEGMENT**

**PURPOSE:** Beginning Segment for Purchase Order. To indicate the beginning of the purchase order transaction set and transmit identifying numbers and dates.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
BEG01	353	Trans. Set Purpose Code	M	ID	2/2	“00” = Original Order
BEG02	92	P.O. Type Code	M	ID	2/2	“NE” = New Order
BEG03	324	P.O. Number	M	AN	1/22	84 Lumber’s P.O. Number
BEG05	323	P.O. Date	M	DT	8/8	CCYYMMDD format

**N9 SEGMENT**

**PURPOSE:** Reference Identification. To transmit identifying numbers & descriptive information. Only used if an MSG segment exists.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
N901	128	Ref. ID. Qual.	M	ID	2/3	“ZZZ”
N902	127	Ref. ID	C	AN	1/30	“Special Instructions”

### **MSG SEGMENT**

**PURPOSE:** Note/Special Instruction. To transmit information in a free-form format, if necessary, for comment or special instruction.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
MSG01		Free Form Message	M	AN	1/264	84 Lumber's Special Delivery Instructions

### **N1 SEGMENT**

**PURPOSE:** Name Segment. To identify a party by type of organization, name and code.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
N101	98	Entity ID Code	M	ID	2/2	"ST" = Ship To
N102	93	Name	M	AN	1/35	Ship to store name
N103	66	ID Code Qualifier	M	ID	1 /2	"92" = Assigned by buyer
N104	67	ID Code	M	ID	4/4	84 Lumber's store number

Please note: If an updated list of current 84 Lumber stores are needed, contact the EDI coordinator.

### **N3 SEGMENT**

**PURPOSE:** Address segment. Provides store's shipping address.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
N301	166	Address Information	M	AN	1/35	Store street address

**N4 SEGMENT**

**PURPOSE:** Geographic location segment. To specify the geographic place of the named party.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
N401	19	City Name	M	AN	2/19	Store city
N402	156	State	M	ID	2/2	Store state
N403	116	Zip Code	M	ID	4/9	Store zip code

**PER SEGMENT**

**PURPOSE:** To identify a person or office to whom administrative communications should be directed.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
PER01	366	Contact Func Code	M	AN	2/2	“ZZ” = Mutually Defined
PER03	365	Comm. No. Qual	O	ID	2/2	“TE” – Telephone
PER04	364	Comm. Number	C	AN	7/21	84 Lumber’s Store Phone#

**Note:** If you have **Board Measurement** products, we will send the **Board Measurement** information in the **PO1** segment and the **Per Piece** information in the **PO3** segment, otherwise we will use the **PO1** segment only.



**PO1 SEGMENT**

**PURPOSE:** Purchase Order Baseline Item Data. To specify the basic and most frequently used purchase order line item data.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
PO102	330	Quantity Ordered	M	R	1/9	Quantity Ordered
PO103	355	Unit of Measure Code	M	ID	2/2	Basic unit of measure
PO104	212	Unit Price	C	R	1/14	Price per unit
PO105	639	Basic unit price code	O	ID	2/2	“CP” used only if price is sent “TP” used only if price per thousand is sent
PO106	235	Product/Service ID Qual	O	ID	2/2	“PI” = Purchaser’s ID Code
PO107	234	Product/Service ID	C	AN	1/30	84 Lumber’s POS# (format is: 12345-00)

**PO3 SEGMENT**

**PURPOSE:** To specify additional item related data involving variations in normal price/quantity structure.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
PO301	371	Change Reason Code	M	ID	2/2	“AQ”=Alternate Quantity and Unit of Measure
PO306	380	Quantity	M	R	1/10	Numeric Value of Quantity
PO307	355	Unit of Measure Code	M	ID	2/2	Basis Unit of Measure

**PID SEGMENT**

**PURPOSE:** Product/Item Description Segment. To describe a product or process in coded or free-form format.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
PID01	349	Item Description Type	M	ID	1/1	“F” = Free-form
PID05	352	Description	M	AN	1/80	Free form item description

**CTT SEGMENT**

**PURPOSE:** Transaction Totals. To transmit a hash total for a specific element in the transaction set.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
CTT01	354	Number of Line Items	M	N0	1/6	Number of line items in transaction
CTT02	347	Hash Total	M	R	1/10	Sum of quantity ordered field

**SE SEGMENT**

**PURPOSE:** Transaction Set Trailer. To indicate the end of the transaction set and provide the count of the transmitted segments (Including the beginning (ST) and ending (SE) segments).

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
SE01	96	# of Inclusive Segments	M	N0	1/6	# of segments in transaction from ST to SE
SE02	329	Transaction Set Control#	M	AN	4/9	Control# (must match ST control#)

**GE SEGMENT**

**PURPOSE:** Functional Group Trailer. To indicate the end of a functional group and to provide control information.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
GE01	97	# of Inclusive Sets	M	N0	1/6	# of transactions in functional group
GE02	28	Group control number	M	N0	1/9	Control# (must match GS control#)

**IEA SEGMENT**

**PURPOSE:** Interchange Control Trailer. To define the end of an interchange of one or more functional groups and interchange-related control segments.

<i>SEGMENT</i>	<i>DATA ELEMENT</i>	<i>ANSI FIELD NAME</i>	<i>REQ</i>	<i>TYPE</i>	<i>LENGTH</i>	<i>FIELD CONTENTS</i>
IEA01	I16	#of Inclusive Groups	M	N0	1/5	# of functional groups in interchange
IEA02	I12	Interchange control#	M	N0	9/9	Control# (must match ISA control#)

850 EXAMPLE

ISA\*00\* \*00\* \*12\*84SENDER \*12\*84EXAMPLE \*070821\*1437\*U\*00401\*000002293\*0\*P\*>~  
GS\*PO\*84SENDER \*84EXAMPLE \*20070821\*1437\*1213\*X\*004010~  
ST\*850\*012130001~  
BEG\*00\*NE\*1J45226\*\*20070821~  
N9\*ZZZ\*SPECIAL INSTRUCTIONS~  
N1\*ST\*ORANGE PARK\*92\*1309~  
N3\*8400 ROOSEVELT BLVD~  
N4\*ORANGE PARK\*FL\*320730000~  
PER\*ZZ\*\*TE\*9042788460~  
PO1\*\*27437\*BM\*419\*TP\*PI\*24116-01~  
PO3\*AQ\*\*\*\*\*4116\*EA~  
PID\*F\*\*\*\*2X4X116-5/8 #2&BTR SPF~  
CTT\*1\*4116~  
SE\*13\*012130001~  
GE\*1\*1213~  
IEA\*1\*000002293~

RETURN 810 FA/997 EXAMPLE

ISA\*00\* \*00\* \*12\*84EXAMPLE \*12\*84RECEIVER \*070820\*1202\*U\*00401\*000000310\*0\*P\*>~  
GS\*FA\*84EXAMPLE\*84RECEIVER\*20070820\*120231\*281374608\*X\*004010~  
ST\*997\*281374608~  
AK1\*PO\*56~  
AK2\*850\*000560001~  
AK5\*A~  
AK9\*A\*1\*1\*1~  
SE\*6\*281374608~  
GE\*1\*281374608~  
IEA\*1\*000000310~