

84 LUMBER

***ELECTRONIC DATA INTERCHANGE
VENDOR IMPLEMENTATION PROGRAM
INFORMATION PACKAGE***

***810 – INVOICES
VERSION 4010***

June 19, 2019

84 LUMBER EDI PROFILE

1. 84 LUMBER PERSONNEL

Lori Moore, Programmer/EDI Manager

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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. COLUMN DESCRIPTIONS

Only the mandatory elements are listed.

810 INVOICES
X12 VERSION 4010 AS USED BY 84 LUMBER

FUNCTIONAL GROUP ID: IN

This standard provides the format and establishes the data contents of an invoice transaction set. The invoice transaction set provides for customary and established business and industry practice relative to the billing for goods and services provided.

<u>SEG</u>	<u>NAME</u>	<u>REQ.</u>	<u>MAX</u>
		<u>DES.</u>	<u>USE</u>
ST	Transaction Set Header	M	1
BIG	Beginning Segment for INV.	M	1
REF	Reference Numbers	O	12
N1	Name	M	1
N3	Address Information	O	1
N4	Geographic Location	O	1
ITD	Terms of Sale	M	1
DTM	Date/Time Reference	O	10
IT1	Baseline Item Data	M	1
IT3	Additional Item Data	O	1
PID	Product/Item Description	O	1
TDS	Total Monetary Value Summary	M	1
SAC	Allowance, Charge or Service	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.

SEGMENT TYPE: This is a mandatory segment.

<u>SEGMENT</u>	<u>DATA ELEMENT</u>	<u>ANSI FIELD NAME</u>	<u>REQ</u>	<u>TYPE</u>	<u>LENGTH</u>	<u>FIELD CONTENTS</u>
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” = No security information
ISA04	I04	Security Info.	M	AN	10/10	“ “
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Vendor supplied option
ISA06	I06	Interchange Sender ID	M	ID	15/15	Vendor supplied code
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	“12” or “01”
ISA08	I07	Interchange Receiver ID	M	ID	15/15	“7242288820” or “604173971”
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	Vendor supplied delimiter

GS SEGMENT

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

SEGMENT TYPE: This is a mandatory segment.

<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	“IN”
GS02	142	Application Sender’s ID	M	ID	2/15	Vendor supplied code
GS03	124	Application Receiver’s ID	M	ID	2/15	“7242288820” or “604173971”
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	1/1	“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.

SEGMENT TYPE: This is a mandatory segment.

<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	“810”
ST02	329	Transaction Set Control#	M	AN	4/9	Control# (must match SE control#)

BIG SEGMENT

PURPOSE: Beginning Segment for Invoice. To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates.

SEGMENT TYPE: This is a mandatory segment.

<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>
BIG01	373	Invoice Date	M	DT	8/8	CCYYMMDD format
BIG02	76	Invoice Number	M	AN	1/14	Invoice# assigned by vendor
BIG03	373	P.O. Date	M	DT	8/8	CCYYMMDD format
BIG04	324	P.O. Number	M	AN	1/22	84 Lumber's P.O. Number
BIG07	640	Transaction Type Code	O	ID	2/2	Code specifying type of transaction (CR, CN, or CM for credits, else leave blank)

REF SEGMENT

PURPOSE: Reference Numbers. To specify identifying numbers.

SEGMENT TYPE: This is an optional segment providing your invoice number & order reference number are the same, otherwise, this is a mandatory segment. If you have truck invoices containing rail-car #'s, this segment is mandatory.

<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>
REF01	128	Reference Number Qual	M	ID	2/3	“AE” = Return Authorization “BM” = Bill of Lading “CO” = Customer Order # “IS” = Shipment Type “OI” = Original invoice # “PE” = Plant Name “PN” = Permit # “SF” = Branch# “ZZ” = If sending rail-car#
REF02	127	Reference Number	M	AN	1/30	Ref# as specified by Ref# Qual

N1 SEGMENT

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

SEGMENT TYPE: This is a mandatory segment.

<u>SEGMENT</u>	<u>DATA ELEMENT</u>	<u>ANSI FIELD NAME</u>	<u>REQ</u>	<u>TYPE</u>	<u>LENGTH</u>	<u>FIELD CONTENTS</u>
N101	98	Entity ID Code	M	ID	2/2	“ST” = Ship To
N103	66	ID Code Qualifier	M	ID	1 /2	“92” = Assigned by buyer
N104	67	ID Code	M	AN	4/4	84 Lumber’s store number

Notes: We only want one N1 segment and it must contain the “ST” info.

If an updated list of current 84 Lumber stores are needed you can email edi@84lumber.com and request one.

N3 SEGMENT

PURPOSE: Address segment. Provides store’s shipping address.

SEGMENT TYPE: This is an optional segment.

<u>SEGMENT</u>	<u>DATA ELEMENT</u>	<u>ANSI FIELD NAME</u>	<u>REQ</u>	<u>TYPE</u>	<u>LENGTH</u>	<u>FIELD CONTENTS</u>
N301	166	Address Information	M	AN	1/55	Store street address

N4 SEGMENT

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

SEGMENT TYPE: This is an optional segment.

<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	O	AN	2/30	Store city
N402	156	State	O	ID	2/2	Store state
N403	116	Zip Code	O	ID	3/15	Store zip code
N405	309	Location Qualifier	M	ID	1 /2	“SN”
N406	310	Location Ident.	M	AN	4/4	84 Lumber’s store number

ITD SEGMENT

PURPOSE: Terms of Sale/Deferred Terms of Sale. To specify terms of sale.

SEGMENT TYPE: This is a mandatory segment.

<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>
ITD03	338	Terms Discount Percent	M	R	1/6	Discount percentage, if applicable
ITD04	370	Terms Discount Due Date	M	DT	8/8	CCYYMMDD format
ITD06	446	Terms Net Due Date	M	DT	8/8	CCYYMMDD format
ITD08	362	Terms Discount Amount	M	N2	1/10	Discount amount (either here or TDS segment)
ITD12	352	Description	M	AN	1/80	Desc. of related elements & contents

DTM SEGMENT

PURPOSE: Date/Time Reference. To specify ship date.

SEGMENT TYPE: This is an optional segment.

<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>
DTM01	374	Date/Time Qual.	M	ID	3/3	“011” = Shipping
DTM02	373	Date	M	DT	8/8	CCYYMMDD format

ITI SEGMENT

PURPOSE: Baseline Item Data. To specify the basic and most frequently used line item data for the invoice and related transactions.

SEGMENT TYPE: This is a mandatory segment.

If the 3 Product/Service ID’s are included, the PID segment can be eliminated.

<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>
IT102	358	Quantity Invoiced	M	R	1/10	Number of units invoiced
IT103	355	Unit of Measure Code	M	ID	2/2	Basic unit of measure (LF, BM, etc.)
IT104	212	Unit Price	M	R	1/17	Price per unit
IT105	639	Basis of unit price code	O	ID	2/2	Type of unit price (for LF/BM measurements) (per 1000 – TM, TP, TF, PS, or M) (per 100 – CL, HF, TC, HP, or C)
IT106	235	Product/Service ID Qual	M	ID	2/2	“IN” = Buyer’s item number
IT107	234	Product/Service ID	M	AN	1/48	84 Lumber’s POS#
IT108	235	Product/Service ID Qual	M	ID	2/2	“PD” = Part# Description
IT109	234	Product/Service ID	M	AN	1/48	Product Description
IT110	235	Product/Service ID Qual	O	ID	2/2	“VN” = Vendor’s item number
IT111	234	Product/Service ID	O	AN	1/48	Vendor’s item number

Please note: If an updated list of current 84 Lumber POS#’s are needed, send an email to EDI@84lumber.com.

IT3 SEGMENT

PURPOSE: Additional Item Data. To specify additional item details relating to variations between ordered and shipped quantities, or to specify alternate units of measures and quantities.

SEGMENT TYPE: If you have Board-Measurement quantities, you must specify them in the IT1 segment and send the Piece count here. If this segment is used, it must follow the IT1 segment, and the PID must be eliminated. Therefore, the description must be sent in the IT1 segment.

<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>
IT301	382	No. Units Shipped	M	R	1/10	Number of pieces shipped
IT302	355	Unit of measure Code	M	ID	2/2	Basic unit of measure

PID SEGMENT

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

SEGMENT TYPE: This is an optional segment.
This segment need not be used if all 3 Product/Service ID's are used in the IT1 segment.

<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

TDS SEGMENT

PURPOSE: Total Monetary Value Summary. To specify the total invoice discounts and amounts.

SEGMENT TYPE: This is a mandatory segment.

<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>
TDS01	361	Total Invoice Amount	M	N2	1/15	Amount of invoice before terms discount (including charges, less allowances)
TDS04	362	Terms Discount Amount	M	N2	1/15	Discount Amount (either here or ITD segment)

SAC SEGMENT

PURPOSE: Allowance, Charge, or Service. To specify miscellaneous charges.

SEGMENT TYPE: This is an optional segment.

<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>
SAC01	248	Allowance/Charge Ind.	M	ID	1/1	“A” = Allowance, “C” = Charge
SAC05	610	Allow/Charge Amount	M	N2	1/15	Total dollar amount
SAC15	352	Description	M	AN	1/80	Free form desc clarifying related data

CTT SEGMENT

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

SEGMENT TYPE: This is a mandatory segment.

<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).

SEGMENT TYPE: This is a mandatory segment.

<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.

SEGMENT TYPE: This is a mandatory segment.

<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.

SEGMENT TYPE: This is a mandatory segment.

<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#)

EXAMPLES

DEBIT LUMBER 810 EXAMPLE

ISA*02*SW810 *00* *01*84EXAMPLE *12*84SENDERID *070820*2220*U*00200*051762203*0*P*>~
GS*IN*84EXAMPLE*84SENDERID*20070820*2220*82062178*X*004010~
ST*810*621782659~
BIG*20070820*70873910101*20070816*6P31195***~
N1*ST*84 LUMBER COMANY*92*0420~
ITD***1*20070830**20070831**10679****1% 10/N11 ADI~
DTM*011*20070820~
IT1*1*7.56*TM*387*UM*IN*20610-01*PD*2 X 6 - 10', SPRUCE/PINE/FIR, #2 & BTR, KD-HT, S*VN*26.10~
IT3*756*PC~
IT1*2*2.268*TM*387*UM*IN*20612-01*PD*2 X 6 - 12', SPRUCE/PINE/FIR, #2 & BTR, KD-HT, S*VN*26.12~
IT3*189*PC~
IT1*3*2.646*TM*387*UM*IN*20614-01*PD*2 X 6 - 14', SPRUCE/PINE/FIR, #2 & BTR, KD-HT, S*VN*26.14~
IT3*189*PC~
IT1*4*15.12*TM*387*UM*IN*20616-01*PD*2 X 6 - 16', SPRUCE/PINE/FIR, #2 & BTR, KD-HT, S*VN*26.16~
IT3*945*PC~
TDS*1067888~
CTT*4*27.594~
SE*18*621782659~
GE*1*82062178~
IEA*1*051762203~

DEBIT NON-LUMBER 810 EXAMPLE

ISA*00* *00* *12*84EXAMPLE *01*84SENDERID *070821*0933*U*00401*827140000*0*P*>~
GS*IN*84EXAMPLE*84SENDERID*20070821*0933*82714*X*004010~
ST*810*82714~
BIG*20070820*82714*20070820*DR61873***~
N1*ST*84 LUMBER CO-CLOVIS*92*2138~
ITD***200*20070919**20071019**66***2% 30, NET 60~
IT1*1*40.000*EA*82.38000**IN*221770*PD*3/4-10 X 7 ZP HEX BOLT BOX/20*VN*75C700BHB2Z/B~
TDS*3295~
CTT*000001*40.000~
SE*000009*82714~
GE*000001*82714~
IEA*1*827140000~

CREDIT 810 EXAMPLE

ISA*00* *00* *12*84EXAMPLE *12*84SENDERID *070820*1427*U*00401*000000221*0*P*>~
GS*IN*84EXAMPLE *84SENDERID*20070820*1427*91*X*004010~
ST*810*0119~
BIG*20070807*031214*20000101*75965***CM~
REF*CO*821210~
N1*ST**92*0201~
ITD***2*20070921**20070921*****2% 45 DAYS~
TDS*-31400***-6300~
SAC*C***-31400*****PALLET CREDIT~
CTT*0*0~
SE*9*0119~
GE*1*91~
IEA*1*000000221~

RETURN 810 FA/997 EXAMPLE

ISA*00* *00* *12*84RECEIVER *01*84SENDERID *070821*0931*U*00401*000005219*0*P*>~
GS*FA*84RECEIVER*84SENDERID*20070821*0931*4674*X*004010~
ST*997*046740001~
AK1*IN*82062178~
AK2*810*621782659~
AK5*A~
AK9*A*1*1*1~
SE*6*046740001~
GE*1*4674~
IEA*1*000005219~