

810 Boise Cascade Corporation

Invoice

Version 4010

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	100	BIG	Beginning Segment for Invoice	M	1		
LOOPID - N1						200	
O	700	N1	Name	O	1		
O	705	N2	Additional Name Information	O	2		
O	710	N3	Address Information	O	2		
O	715	N4	Geographic Information	O	1		
O	1400	ITD	Terms of Sale/Deferred Terms	O	999		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOPID - 200						9999	
O	3400	IT1	Baseline Item Data (Invoice)	O	1		
O	3800	IT3	Additional Item Data	O	5		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	8000	TDS	Total Monetary Value Summary	M	1000		
O	8100	TXI	Tax Information	O	25		
LOOPID - 300						25	
O	8400	SAC	Service	O	1		
O	8800	CTT	Transaction Totals	O	1		
M	9900	SE	Transaction Set Trailer	M	1		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 810 Invoice	M ID 3/3
M	ST02	329	Transaction Set Control Number 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

Segment: **BIG** Beginning Segment for Invoice
Position: 100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To allow for positive identification of transaction set purpose
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BIG01	373	Date Invoice Date CCYYMMDD	M DT 8/8
	BIG02	76	Invoice Number Boise's Invoice number	M AN 1/22
	BIG03	373	Date Purchase Order date CCYYMMDD	M DT 8/8
	BIG04	324	Purchase Order Number Customer's Purchase Order Number	O AN 1/22
	BIG70	640	Transaction Type "PR" for Product or Service	O ID 2/2

Segment: N1 Name
Position: 700
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify the Customer Ship-to, Sold-to, Ship-from etc.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
O	N101	98	Entity Identification Code identifying the type of name BT Bill to RE Receiving Party SE Selling Party SO Sold to ST Ship to VN Vendor	M AN 2/3
	N102	93	Name Name as defined by N101	C AN 1/60
	N103	66	Identification Code Qualifier Code identifying the Identification code that follows 92 Assigned by Buyer	C ID 1/2
	N104	67	Identification Code Code that identifies either the ship to code provided by the buyer, the seller code provided by the buyer, the partner ID of the seller, the partner ID of the buyer, etc.	C AN 2/80

Segment: N2 Additional Name Information
Position: 705
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
Purpose:
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u> <u>Name</u>	<u>Attributes</u>
O	N201	93	Name Subsequent name if needed	M JAN 1/60

Segment: N3 Address information
Position: 710
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To identify the address information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		
	Des.	Element	Name	Attributes
O	N301	166	Address Information Street Address	M AN 1/55

Segment: N4 Geographic Location
Position: 715
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the city, state and zip code of the address
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
O	N401	19	City Name Name of the City	O AN 2/30
	N402	156	State or Province State or Province	O AN 2/2
	N403	116	Postal code Postal or Zip code	O AN 3/15

Segment: **ITD** Terms of Sale/Deferred Terms
Position: 1400
Loop:
Level: Heading
Usage: Optional
Max Use: 9999
Purpose: To specify the reference numbers associated with this invoice
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
O	ITD01	336	Terms Type Code Number assigned to define the terms 14 Previously agreed upon	O ID 2/2
	ITD02	333	Terms Basis Date Number assigned to define the date of the terms ZZ Mutually defined	O ID 1/2
	ITD03	338	Terms Discount Percent Percentage Discount available.	O R 1/6
	ITD04	370	Terms Discount Due Date Terms discount Date CCYYMMDD	C DT 8/8
	ITD05	351	Terms Discount Days Due Number of days till discount due date	C N0 1/3
	ITD06	446	Terms Net Due Date Terms Net Due Date CCYYMMDD	O DT 8/8
	ITD07	386	Terms Net Days Due Number of days till net due date	O N0 1/3
	ITD08	362	Terms Discount Amount Amount of the Discount	O N2 1/10

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 3400
Loop: 200 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify invoice information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
O	IT101	350 Assigned Identification Identification made from the Customer's line number 1-1 '0' 2-5 Customer PO line number if available. If not, we put in the Boise PO line number 6-6 '0'	O AN 1/20
	IT102	358 Quantity Invoiced Net Weight	C R 1/10
	IT103	355 Unit or Basis for Measurement Unit of Measure MN Metric Net Ton LB Pound	C ID 2/2
	IT104	212 Unit Price Unit Price	C R 1/17
	IT105	639 Basis of Unit Price Basis of Unit Price	O ID 2/2
	IT106	235 Product/Service ID Identification of what kind of field follows VN Vendor's (seller's) item number	C ID 2/2
	IT107	234 Product/Service ID Sales Grade	C AN 1/48
	IT108	235 Product/Service ID Identification of what kind of field follows BP Buyer's Part Number	C ID 2/2
	IT109	234 Product/Service ID Customer's Product Name if available. "UNKNOWN" if not available.	C AN 1/48

Segment: **IT3** Additional Item Data
Position: 3800
Loop: 200 Mandatory
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify additional Item data
Syntax Notes:

Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
O	IT301	382	Number of Units Units shipped	C R 1/10
	IT302	355	Unit or Basis for Measurement Code identifying basis of measure for IT301 RL Roll	C ID 2/2

Segment: **TDS** Total Monetary Value Summary
Position: 8000
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1000
Purpose: To Summarize the monetary values
Syntax Notes:

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	TDS01	610	Amount Receivable amount	M N2 1/15
	TDS02	610	Amount Amount subject to the discount	O N2 1/15
	TDS04	610	Amount Calculated Cash Discount Amount	O N2 1/15

Segment: SAC Service
Position: 8400
Loop: 300 Mandatory
Level: Summary
Usage: Optional
Max Use: 25
Purpose:
Syntax Notes:

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
O	SAC01	248 Allowance or Charge Freight Allowance Indicator A Allowance C Charge	M ID 1/1
	SAC04	1301 Agency Service Promotion or Charge Code Code identifying what kind of Allowance or Charge this is 400 Calculated Allowance CA Competitive Allowance CD Cash Discount COM Commission F+ Freight Prepaid F- Freight Allowed GST Goods & Services Tax #12478 0560 RT0001, 7% INT Internal summary codes MIS Miscellaneous Charge/Allowance MPF Merchandise Processing Fee PLT Pallet Charge PTX Provincial Tax STX State Tax TD Trade Discount	O AN 1/10
	SAC05	610 Amount Calculated Allowance or Charge	O N2 1/15
	SAC12	331 Allowance or Charge Code identifying what kind of allowance this is 02 Off Invoice (Allowance) 06 Charge to be paid by the customer 09 Allowance to be Issued by the seller	O ID 2/2
	SAC15	352 Description Description of charge or allowance	C AN 1/80

Segment: **CTT** Transaction Totals
Position: 8800
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify Transaction Totals
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
O	CTT01	354	Number of Lines Accumulator with the number of lines in the transaction	M N0 1/6