



**EDI
Implementation
Guide**

TRANSACTION SET

810

Invoice

810

Invoice

FUNCTIONAL GROUP ID=**IN**

DATA SEGMENT SEQUENCE

Header

Seg. ID	Name	Req. Des.	Loop Repeat
ST	Transaction Set Header Segment	Mandatory	
BIG	Beginning Segment for Invoice	Mandatory	
CUR	Currency	Optional	
N1	Name	Optional	N1/200
N3	Address Information	Optional	
N4	Geographic Location	Optional	
ITD	Terms of Sale/Deferred Terms of Sale	Optional	
DTM	Date/Time Reference	Optional	
FOB	F.O.B. Related Instructions	Optional	

Detail

Seg. ID	Name	Req. Des.	Loop Repeat
IT1	Baseline Item Data (Invoice)	Optional	IT1/200000

Summary

Seg. ID	Name	Req. Des.	Loop Repeat
TDS	Total Monetary Value Summary	Mandatory	
SAC	Allowance, Charge, or Service	Optional	
CTT	Transaction Totals	Optional	
SE	Transaction Set Trailer	Mandatory	

SUMMARY OF CHANGES: 810 Invoice

Segment/ Element	Value	Comments
ISA12	00400	Office Depot requires ISA version 00400
GS04	8 position date	Required in version 4010 for year 2000 Compliance
GS08	004010	Documents must be in ANSI X12 version 4010
BIG01	8 position date	Required in version 4010 for year 2000 Compliance
DTM02	8 position date	Required in version 4010 for year 2000 Compliance
IT108	IN	Replaces Product/Service ID Qualifier 'SK' for Office Depot SKU
IT110	UP	New Product/Service ID Qualifier - UPC
IT111	12 or 14 position UPC	New Product/Service ID - UPC Customer Package Code
SAC	(ALL)	Replaces segment 'ITA' in version 4010; see specs for element details

Example: 810 Invoice

ISA~00~ ~00~ ~XX~123456789~08~6123410000~000501~1426~U~ 00400~000000001~0~P:

GS~IN~123456789~ODEP001~20000501~1426~1~X~004010.

(Must be in 4010 version)

ST~810~100001.

BIG~20000501~12345~~3567123-0210.

CUR~BY~CAD.

N1~ST~~93~0210.

N3~8601 S.W. 40th Street.

N4~Miami~FL~33155.

ITD~03~2~2~~90~~91.

DTM~011~20000501.

FOB~PP~OR.

IT1~~48~EA~3.7~~VA~AS302~IN~0373738~UP~051131069060.

IT1~~12~P2~45~~VA~42222~IN~0456654~UP~50021200069395.

TDS~68172.

SAC~A~H850~~~3588~~~~~02.

CTT~2.

SE~15~100001.

GE~1~1.

IEA~1~000000001.

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Segment: ST
Level: Header

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
ST01	143	Transaction Set Identifier Code <i>Field Contents:</i> 810 Invoice	M	ID	03/03
ST02	329	Transaction Set Control Number	M	AN	04/09

Example: ST~810~100001

Segment: BIG
Level: Header

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
BIG01	373	Invoice Date <i>Field Contents:</i> Invoice Date	M	DT	08/08
BIG02	76	Invoice Number <i>Field Contents:</i> Invoice Number	M	AN	01/22
BIG04	324	Purchase Order Number <i>Field Contents:</i> *Purchase Order Number	O	AN	01/22

Example: BIG~20000501~12345~~3567123-0210.

*Must be in the same format as received on 850, i.e. "3567123-0210" is correct, "3567123" is incorrect.

Segment: CUR
Level: Header

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
CUR01	98	Entity Identifier Code <i>Field Contents:</i> BY	M	ID	02/03
CUR02	100	Currency Code <i>Field Contents:</i> CAD - Canadian Dollars	M	ID	03/03

Example: CUR~BY~CAD.

* Monetary values are assumed to be expressed in U.S. currency unless the CUR segment is used to specify a different currency.

Segment: N1
Level: Header

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
N101	98	Entity Identifier Code <i>Field Contents:</i> ST	M	ID	02/03
N103	66	Identification Code Qualifier <i>Field Contents:</i> 93	C	ID	01/02
N104	67	Identification Code <i>Field Contents:</i> *Ship-to Location Number	C	AN	02/80

Example: N1~ST~~93~0210.

* Must be in same format as received on 850, i.e. "0210" is correct, "210" is incorrect.

Segment: N3
Level: Header

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
N301	166	Address Information <i>Field Contents:</i> Ship-to Address	M	AN	01/55

Example: N3~8601 S.W. 40TH STREET.

Segment: N4
Level: Header

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
N401	19	City Name <i>Field Contents:</i> Ship-to City Name	C	AN	02/30
N402	156	State or Province Code <i>Field Contents:</i> Ship-to State/Province Name	O	ID	02/02
N403	116	Postal Code <i>Field Contents:</i> Ship-to Zip/Postal Code	O	ID	03/15

Example: N4~MIAMI~FL~33155.

Segment: ITD
Level: Header

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
ITD01	336	Terms Type Code <i>Field Contents:</i> 01 - Basic 03 - Fixed Date Payment 09 - PROXIMO Payment Term	O	ID	02/02
ITD02	333	Terms Basis Data Code <i>Field Contents:</i> 2 - Terms Begin as of Delivery Date 3 - Terms Begin as of Invoice Date	O	ID	01/02
ITD03	338	Terms Discount Percent <i>Field Contents:</i> Terms Discount Percentage	O	R	01/06
ITD04	370	Terms Discount Due Date <i>Field Contents:</i> Date When Payment Less Discount is Due	C	DT	08/08
ITD05	351	Terms Discount Days Due <i>Field Contents:</i> Number of Days to Take Discount	C	N0	01/03
ITD06	446	Terms Net Due Date <i>Field Contents:</i> Date When Net Is Due	O	DT	08/08
ITD07	386	Terms Net Days <i>Field Contents:</i> Number of Days Until Net is Due	O	N0	01/03

Example: ITD~03~2~2~~90~~91.

Segment: DTM
Level: Header

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
DTM01	374	Date/Time Qualifier <i>Field Contents:</i> 011	M	ID	03/03
DTM02	373	Date <i>Field Contents:</i> Date Shipped	C	DT	08/08

Example: DTM~011~20000501.

Segment: FOB
Level: Header

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
FOB01	146	Shipment Method of Payment <i>Field Contents:</i> CC - Collect; CF - Full Freight Allowance DF - Defined by Buyer or Seller PO - Prepaid to Consolidator PC - Prepay and Add to Invoice PP - Prepaid	M	ID	02/02
FOB02	309	Location Qualifier <i>Field Contents:</i> DE - FOB Destination OR - FOB Origin	C	ID	01/02

Example: FOB~PP~OR.

Segment: IT1
Level: Detail

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
IT102	358	Quantity Invoiced Field Contents: *Quantity of Order Units Invoiced	C	R	01/10
IT103	355	Unit of Measurement Code Field Contents: Order Unit of Measure	C	ID	02/02
IT104	212	Unit Price Field Contents: Price Per Unit	C	R	01/17
IT106	235	Product/Service ID Qualifier Field Contents: VA - Vendor's Products Number	C	ID	02/02
IT107	234	Product/Service ID Field Contents: **Vendor Product Number	C	AN	01/48
IT108	235	Product/Service ID Qualifier Field Contents: IN - ItemNumber	O	ID	02/02
IT109	234	Product/Service ID Field Contents: Buyer's Item Number	C	AN	01/48
IT110	235	Product/Service ID Qualifier Field Contents: UP - UPC	C	ID	02/02
IT111	234	Product/Service ID Field Contents: U.P.C. Customer Package Code	C	AN	01/48

Example: IT1~~48~EA~3.7~~VA~AS302~IN~0373738~UP~051131069060.

*Quantity must be in order units.

**Must be in same format as received on 850, i.e. if 850 PO107 vendor product # is 38633, "38633" is correct and "38-633" is incorrect.

Segment: TDS
Level: Summary

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
TDS01	610	Total Invoice Amount	M	N2	01/15
Field Contents: Amount of Invoice, Less Allowances, Before Terms Discount					

Example: TDS~112233.

Segment: SAC
Level: Summary

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
SAC01	248	Allowance or Charge Indicator	M	ID	01/01
Field Contents: A - Allowances C - Charge					
SAC02	1300	Service, Promotion, Allowance, or Charge Code	C	ID	04/04
Field Contents: D200 - Freight Charges to Destination E550 - Market Development Funds E740 - New Store Allowance D360 - Goods and Services Tax Charge (GST) F800 - Promotional Allowance H850 - Tax Charge D240 - Freight Charge F970 - Rebate H000 - Special Allowance (Cross -Dock) B210 - CO-OP Credit B720 - Cooperative Adver / Allowance E730 - New item Allowance					
SAC05	610	Amount	O	N2	01/15
Field Contents: Total Dollar Amount of Allowances or Change					
SAC12	331	Allowance or Charge Method of Handling Code.	O	ID	02/02
Field Contents: 02 - Allowance Off Invoice 06 - Charge To Be Paid By Customer					

Example: SAC~A~H850~~~3588~~~~~02.

Segment: CTT
Level: Summary

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
CTT01	354	Number of Line Items	M	NO	01/06

Field Contents: Total Number of IT1 Segments

Example: CTT~2.

Segment: SE
Level: Summary

Data Element Summary

Segment	Data Element	ANSI Field Name	ANSI Field Attributes		
			Req	Type	Length
SE01	96	Number of Included Segments	M	NO	01/10
SE02	329	Transaction Set Control	M	AN	04/09

Example: SE~30~100011.