



FILE LAYOUT
FOR
810 EDI TRANSACTION
(OUTBOUND)
VERSION 4010

OVERVIEW

PURPOSE OF TRANSACTION – Outbound (Hubbell to Trading Partner) Invoice

VERSION – Version 1

SUPPLIER – Hubbell Incorporated
40 Waterview Drive
Shelton, CT 06484
1-800-HUBBELL (482-2355)

TECHNICAL CONTACT – Hubbell Service Desk 1-800-HUBBELL

APPLICABLE STANDARDS – ANSI X.12, Versions 3060 – 5010
Electro-Industry EDI-Pro

VERSION CONTROL

Date of Change	Segment Changed	Element Changed	Position Number	DESCRIPTION OF CHANGE

810 LAYOUT

HEADER

	ENVELOPE AREA
ISA	INTERCHANGE CONTROL HEADER
GS	FUNCTIONAL GROUP HEADER
	HEADER AREA
ST	TRANSACTION SET HEADER
BIG	BEGINNING RECORD
NTE	NOTE/MESSAGE
CUR	CURRENCY
REF	REFERENCE NUMBER
PER	CONTACT INFORMATION
N1	NAME
N2	ADDITIONAL NAME
N3	ADDRESS
N4	CITY, STATE, ZIP
ITD	TERMS OF SALE
DTM	DATE/TIME REFERENCE
FOB	F.O.B. RELATED INSTRUCTIONS

DETAIL AREA	
IT1	LINE ITEM INFORMATION
CTP	PRICING INFORMATION
PID	ITEM DESCRIPTION
SUMMARY AREA	
TDS	TOTAL MONETARY AMOUNT
CAD	CARRIER DETAILS
SAC	ALLOWANCE/CHARGE INFORMATION
ISS	INVOICE SHIPMENT SUMMARY
SE	TRANSACTION SET TRAILER
ENVELOPE AREA	
GE	GROUP SET TRAILER
IEA	INTERCHANGE TRAILER

'ISA'- INTERCHANGE CONTROL HEADER

PURPOSE: To indicate the start of an EDI interchange and assign a control number

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ISA01	AUTHORIZATION INFORMATION QUALIFIER	M	ID	2/2	
ISA02	AUTHORIZATION INFORMATION	M	AN	10/10	
ISA03	SECURITY INFORMATION QUALIFIER	M	ID	2/2	
ISA04	SECURITY INFORMATION	M	AN	10/10	
ISA05	INTERCHANGE ID QUALIFIER	M	ID	2/2	
ISA06	INTERCHANGE SENDER ID	M	AN	15/15	
ISA07	INTERCHANGE ID QUALIFIER	M	ID	2/2	
ISA08	INTERCHANGE RECEIVER ID	M	AN	15/15	
ISA09	INTERCHANGE DATE	M	DT	6/6	
ISA10	INTERCHANGE TIME	M	TM	4/4	
ISA11	INTERCHANGE CONTROL STANDARDS IDENTIFIER	M	ID	1/1	
ISA12	INTERCHANGE CONTROL VERSION NUMBER	M	ID	5/5	
ISA13	INTERCHANGE CONTROL NUMBER	M	N0	9/9	
ISA14	ACKNOWLEDGEMENT REQUESTED	M	ID	1/1	
ISA15	USAGE INDICATOR	M	ID	1/1	
ISA16	COMPONENT ELEMENT SEPARATOR	M		1/1	

'ISA'- INTERCHANGE CONTROL HEADER

PURPOSE: To indicate the start of an EDI functional group and assign a control number.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
GS01	FUNCTIONAL IDENTIFIER CODE	M	ID	2/2	
GS02	APPLICATION SENDERS CODE	M	AN	2/15	See division conversion sheet below
GS03	APPLICATION RECEIVERS CODE	M	AN	2/15	
GS04	DATE	M	DT	8/8	
GS05	TIME	M	TM	4/8	
GS06	GROUP CONTROL NUMBER	M	N0	1/9	
GS07	RESPONSIBLE AGENCY CODE	M	ID	1/2	
GS08	VERSION IDENTIFIER CODE	M	AN	1/12	

'ST'- TRANSACTION HEADER

PURPOSE: To indicate the start of an EDI transaction set group and assign a control number.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ST01	TRANS. SET I.D. NUMBER	M	ID	3/3	810
ST02	TRANS. SET CONTROL NUMBER	M	AN	4/9	

'BIG' - BEGINNING RECORD FOR INVOICE

PURPOSE: To identify the beginning of the invoice transaction set.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
BIG01	INVOICE DATE	M	ID	2/4	
BIG02	INVOICE NUMBER	M	AN	1/30	
BIG03	PO DATE	M	ID	2/2	
BIG04	PO NUMBER				
BIG05	RELEASE NUMBER				
BIG06	CHANGE ORDER SEQ NUM				
BIG07	TRANSACTION TYPE CODE				CN - CREDIT INVOICE CR - CREDIT MEMO DI - DEBIT INVOICE DR - DEBIT MEMO PR - PRODUCT (OR SERVICE)

'NTE'- NOTE / SPECIAL INSTRUCTIONS

PURPOSE: To transmit information in a free form format.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
NTE01	NOTE REFERENCE CODE	O	ID	3/3	
NTE02	DESCRIPTION	M	AN	1/80	

'CUR'- CURRENCY

PURPOSE: To specify the currency used in the transaction.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
CUR01	ENTITY IDENTIFIER CODE	M	ID	2/2	SE - SELLING PARTY
CUR02	CURRENCY CODE	M	DT	8/8	USD - U.S. DOLLAR CAD - CANADIAN DOLLAR

'REF'- REFERENCE NUMBERS

PURPOSE: To specify the currency used in the transaction.

PURPOSE: To specify identifying information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
REF01	REFERENCE ID QUALIFIER	O	ID	2/3	PR - QUOTE NUMBER
REF02	REFERENCE IDENTIFICATION	O	AN	1/30	

‘PER’- ADMINISTRATIVE COMMUNICATIONS CONTACT

PURPOSE: To identify a person (office) to whom administration communications should be directed.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
PER01	CONTACT FUNCTION CODE	O	ID	2/2	CN - GENERAL CONTACT
PER02	NAME	O	AN	1/60	
PER03	COMMUNICATION NUMBER QUALIFIER	X	ID	2/2	
PER04	COMMUNICATION NUMBER	X	AN	1/80	
PER05	COMMUNICATION NUMBER QUALIFIER	X	ID	2/2	
PER06	COMMUNICATION NUMBER	X	AN	1/80	

'N1'- NAME

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

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
N101	ENTITY IDENTIFIER QUALIFIER	M	ID	2/3	BY - BUYING PARTY RE - REMIT TO PARTY SE - SELLING PARTY SF – SHIP FROM
N102	NAME	M	AN	1/60	
N103	IDENTIFICATION CODE QUALIFIER	O	ID	1 /2	
N104	IDENTIFICATION CODE	O	AN	2/80	

'N2'- ADDITIONAL NAME INFORMATION

PURPOSE: To specify additional names.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
N201	NAME	O	AN	1/60	
N202	NAME	O	AN	1/60	

'N3'- ADDRESS INFORMATION

PURPOSE: To specify the location of the named party.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
N301	ADDRESS LINE 1	O	AN	1/55	
N302	ADDRESS LINE 2	O	AN	1/55	

'N4'- GEOGRAPHIC LOCATION

PURPOSE: To specify the geographic place of the named party.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
N401	CITY	O	AN	2/30	
N402	STATE	O	ID	2/2	
N403	ZIP CODE	O	ID	3/15	

'ITD'- TERMS OF SALE

PURPOSE: To specify the terms of sale.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ITD01	TERMS TYPE CODE	O	ID	2/2	
ITD02	TERMS BASIS DATE CODE	O	ID	1/ 2	
ITD03	TERMS DISCOUNT PERCENT	O	R	1/6	
ITD04	TERMS DISCOUNT DUE DATE	O	DT	8/8	
ITD05	TERMS DISCOUNT DAYS DUE	O	N0	1/3	
ITD06	TERMS NET DUE DATE	O	DT	8/8	
ITD07	TERMS NET DAYS	O	N0	1/3	
ITD08	TERMS DISCOUNT AMOUNT	O	N2	1/10	
ITD09	TERMS DEFERRED DUE DATE	O	DT	8/8	
ITD10	DEFERRED AMOUNT DUE	O	N2	1/10	
ITD11	PERCENT OF INVOICE PAYABLE	O	R	1/5	
ITD12	DESCRIPTION	O	AN	1/80	

'DTM'- DATE/TIME REFERENCE

PURPOSE: To specify pertinent dates and times.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
DTM01	DATE/TIME QUALIFIER	M	ID	3/3	011 - SHIP DATE
DTM02	DATE	M	DT	8/8	

'FOB'- F.O.B. RELATED INSTRUCTIONS

PURPOSE: To specify transportation instructions relating to shipment.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
FOB01	SHIPMENT METHOD OF PAYMENT	O	ID	2/2	CC - COLLECT PC - PREPAID BUT CHARGED TO CUSTOMER PP - PREPAID BY SELLER PU - PICKUP
FOB02	LOCATION QUALIFIER	O	ID	1/ 2	DE - DESTINATION (SHIPPING) OR - ORIGIN (SHIPPING POINT)
FOB03	DESCRIPTION	O	AN	1/80	
FOB04	TRANSPORTATION TERMS QUALIFIER CODE	O	ID	2/2	02 – TRADE TERMS CODE

'IT1'- ITEM DATA

PURPOSE: To specify order identification detail information for the invoice.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
OID01	LINE NUMBER	M	AN	1/20	
	QUANTITY INVOICED	M	R	1/10	
	UNIT OF MEASURE	M	ID	2/2	
	UNIT PRICE	M	R	1/17	
	BASIS UNIT PRICE CODE	M	ID	2/2	
	PRODUCT ID QUALIFIER	M	ID	2/2	PN - PART NUMBER VC - VENDOR CATALOG NUMBER VN - VENDOR ITEM NUMBER
	PRODUCT ID	M	AM	1/48	
	PRODUCT ID QUALIFIER	M	ID	2/2	UI - UPC NUMBER UP - UPC NUMBER
	PRODUCT ID	M	AM	1/48	
	PRODUCT ID QUALIFIER	O	ID	2/2	CB - BUYER'S CATALOG NUMBER IN - BUYER'S ITEM NUMBER
	PRODUCT ID	O	AM	1/48	

'CTP' - PRICING INFORMATION

PURPOSE: To specify pricing information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
CTP01	CLASS OF TRADE CODE	O	ID	2/2	
CTP02	PRICE QUALIFIER CODE	X	ID	3/3	
CTP03	UNIT PRICE	X	R	1/17	
CTP04	QUANTITY	X	R	1/15	
CTP05	UNIT OF MEASURE CODE	X	ID	2/2	
CTP06	PRICE MULTIPLIER CODE	X	ID	3/3	
CTP07	PRICE MULTIPLIER	X	R	1/10	

'PID' - ITEM DESCRIPTION

PURPOSE: To describe product in free form format.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
PID01	ITEM DESCRIPTION TYPE	M	ID	1/1	F - FREE FORM
PID05	DESCRIPTION	M	AN	1/80	

'TDS' - TOTAL MONETARY AMOUNTS

PURPOSE: To specify total invoice discounts and amounts.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
TDS01	TOTAL INVOICE AMOUNT	M	N2	1/15	
TDS02	AMOUNT SUBJECT TO TERMS DISCOUNT	O	N2	1/15	
TDS03	TOTAL DISCOUNT AMOUNT		N2	1/15	

'CAD'- CARRIER INFORMATION

PURPOSE: To specify transportation details for the transaction.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
CAD04	STANDARD CARRIER ALPHA CODE	O	ID	2/4	
CAD05	ROUTING	O	AN	1/35	

‘SAC’- ALLOWANCE/CHARGE INFORMATION

PURPOSE: To specify allowances and charges.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
SAC01	ALLOWANCE/CHARGE INDICATOR	M	ID	1/1	
SAC02	ALLOWANCE/CHARGE CODE	O	ID	4/4	
SAC03	AGENCY QUALIFIER CODE	O	ID	2/2	
SAC05	ALLOW/CHARGE TOTAL AMOUNT	O	N2	1/15	
SAC08	ALLOWANCE/CHARGE RATE	O	R	1/9	
SAC012	ALLOWANCE/CHARGE HANDLING CODE	O	ID	2/2	
SAC15	DESCRIPTION	O	AM	1/80	

ISS - INVOICE SHIPMENT SUMMARY

PURPOSE: To specify the total items shipped in terms of quantity, weight and volume.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ISS01	UNITS SHIPPED	X	R	1/10	
ISS02	UNIT OF MEASURE	X	ID	2/2	
ISS03	WEIGHT	X	R	1/10	
ISS04	UNIT OF MEASURE	X	ID	2/2	
ISS05	VOLUME	X	R	1/8	
ISS06	UNIT OF MEASURE	X	ID	2/2	

'CTT' - TRANSACTION TOTALS

PURPOSE: To transmit hash totals for a specific element in the transaction set.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
CTT01	NUMBER OF LINE ITEMS	M	N0	1/6	
CCT02	HASH TOTALS (TOTAL QTY ORDERED)	M	R	1/10	

'SE' - TRANSACTION SET TRAILER

PURPOSE: To indicate the end of a transaction set and provide a count of transmitted segments.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
SE01	NUMBER OF INCLUDED SEGMENTS	M	N0	1/10	
SE02	TRANSACTION SET CONTROL NBR	M	AN	4/9	

'GE' - FUNCTIONAL GROUP CONTROL TRAILER

PURPOSE: To indicate the end of a functional group and provide control number information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
GE01	NUMBER OF INCLUDED FUNCTIONAL GROUPS	M	N0	1/6	
GE02	GROUP CONTROL NBR	M	N0	1/9	

'IEA' - INTERCHANGE CONTROL TRAILER

PURPOSE: To indicate the end of an interchange and provide control number information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
IEA01	NUMBER OF INCLUDED FUNCTIONAL GROUPS	M	N0	1/5	
IEA02	INTERCHANGE CONTROL NBR	M	N0	9/9	

Hubbell Divisional Conversion Factors

Hubbell Division	Divisional DUNS Number
Hubbell Power Systems (all divisions)	048265974
Bryant Electric	001183078
Premise Wiring	615975620
Wiring Device Kellems	067068759
Building Automation	185308095
Hubbell Canada	200321057
Raco-Bell	005105994
Wiegmann	006302764
Killark Electric	006278261
Hubbell Lighting (except Progress)	058913294
Progress Lighting	188168124
Hipotronics	002015030
GAI-Tronics	002324473
Pulsecom	783691413
ICD - Industrial Controls Division	188176499
Gleason	151871597