



FILE LAYOUT
FOR
204 EDI TRANSACTION
(OUTBOUND)
VERSION 4010

OVERVIEW

PURPOSE OF TRANSACTION – Outbound (Hubbell to Trading Partner) Motor Carrier Shipment Information

VERSION – Version 1

SUPPLIER – Hubbell Incorporated
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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

204 LAYOUT

HEADER

	ENVELOPE AREA
ISA	INTERCHANGE CONTROL HEADER
GS	FUNCTIONAL GROUP HEADER
	HEADER AREA
ST	TRANSACTION SET HEADER
B2	SHIPMENT INFORMATION BEGINNING RECORD
B2A	SET PURPOSE
G62	DATE/TIME
N1	NAME
N2	ADDITIONAL NAME
N3	ADDRESS
N4	CITY, STATE, ZIP
	DETAIL AREA
S5	STOP OFF DETAILS
N1	NAME
N2	ADDITIONAL NAME
N3	ADDRESS

N4	CITY, STATE, ZIP
OID	ORDER IDENTIFICATION DETAIL
LAD	LADING DETAIL
L5	DESCRIPTION MARKS AND NUMBERS
AT8	SHIPMENT WIEGHT, PACKAGING AND QUANTITY DETAILS
G61	CONTACT
L11	BUSINESS INSTRUCTIONS AND REFERENCE NUMBER
SUMMARY AREA	
L3	TOTAL WEIGHT AND CHARGES
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	204
ST02	TRANS. SET CONTROL NUMBER	M	AN	4/9	

'B2' - BEGINNING RECORD FOR MOTOR CARRIER SHIPMENT INFORMATION

PURPOSE: To transmit basic data relating to shipment information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
B202	STANDARD CARRIER ALPHA CODE (SCAC)	M	ID	2/4	
B204	SHIPMENT ID NUMBER	M	AN	1/30	
B206	SHIPMENT METHOD OF PAYMENT	M	ID	2/2	CC - COLLECT CD - COLLECT ON DELIVERY PC - PREPAID BUT CHARGED TOCUSTOMER PP - PREPAID (BY SELLER)

'B2A'- SET PURPOSE

PURPOSE: To allow for positive identification of transaction set purpose.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
BA201	TRANSACTION SET PURPOSE CODE	M	ID	2/4	""00"
BA202	APPLICATION CODE	M	ID	2/2	BL - BILL OF LADING

'G62'- DATE/TIME

PURPOSE: To specify pertinent dates and times.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
G6201	DATE QUALIFIER	M	ID	2/2	11 – SHIPPED ON THIS DATE 76 - BILL OF LADING
G6202	DATE	M	DT	8/8	

'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	CN - CONSIGNEE PF - 3RD PARTY FREIGHT BILL RI - COD REMIT TO SH - SHIPPER SE - SELLING PARTY UC - ULTIMATE CONSIGNEE
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	

'S5'- STOP OFF DETAILS

PURPOSE: To specify stop off detail reference numbers and stop reason.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
S501	STOP REFERENCE NUMBER	M	N0	1/3	
S502	STOP REASON CODE	M	ID	2/2	UL - UNLOAD
S503	WEIGHT	O	R	1/10	
S504	WEIGHT UNIT CODE	O	ID	1/1	

'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	CN - CONSIGNEE PF - 3RD PARTY FREIGHT BILL RI - COD REMIT TO SH - SHIPPER SE - SELLING PARTY UC - ULTIMATE CONSIGNEE
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	

'OID'- ORDER IDENTIFICATION DETAIL

PURPOSE: To specify order identification detail.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
OID01	REFERENCE IDENTIFICATION	O	AN	1/30	

'LAD'- LADING DETAIL

PURPOSE: To transmit lading data pertinent to a pickup or delivery.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
LAD01	PACKAGING FORM CODE	O	ID	3/3	LAD01
LAD02	LADING QUANTITY	O	N0	1/7	LAD02
LAD03	WEIGHT UNIT CODE	O	ID	1/1	LAD03
LAD04	UNIT WEIGHT	O	R	1/8	LAD04
LAD05	WIEGHT UNIT CODE	O	ID	1/1	LAD05
LAD06	UNIT WEIGHT	O	R	1/10	LAD06
LAD07	PRODUCT/SERVICE ID QUALIFIER	O	ID	2/2	LAD07
LAD08	PRODUCT/SERVICE ID	O	AN	1/48	LAD08
LAD09	PRODUCT/SERVICE ID QUALIFIER	O	ID	2/2	LAD09
LAD10	PRODUCT/SERVICE ID	O	AN	1/48	LAD10
LAD11	PRODUCT/SERVICE ID QUALIFIER	O	ID	2/2	LAD11
LAD12	PRODUCT/SERVICE ID	O	AN	1/48	LAD12
LAD13	LADING DESCRIPTION	O	AN	1/50	LAD13

'L5'- DESCRIPTION MARKS AND NUMBERS

PURPOSE: To specify line item in terms of description, quantity, packaging and marks and numbers.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
L501	LADING LINE ITEM NUMBER	O	NO	1/3	
L502	LADING DESCRIPTION	O	AN	1/50	

'AT8'- DESCRIPTION MARKS AND NUMBERS

PURPOSE: To specify shipment details in terms of description, weight and quantity of handling units.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
AT806	VOLUME UNIT QUALIFIER	O	ID	1/1	
AT807	VOLUME	O	R	1/8	

'G61'- CONTACT

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

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
G6101	CONTACT FUNCTION CODE	O	ID	2/2	
G6102	NAME	O	AN	1/60	

'L11'- BUSINESS INSTRUCTIONS AND REFERENCE NUMBER

PURPOSE: To specify instructions in this business relationship, or a reference number.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
L1101	REFERENCE IDENTIFICATION	O	AN	1/30	
L1102	REFERENCE ID QUALIFIER	O	ID	2/3	
L1103	DESCRIPTION	O	AN	1/80	

'L3' - TOTAL WEIGHT AND CHARGES

PURPOSE: To specify the total shipment in terms of weight, volume, rates, charges, advances and prepaid amounts.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
L301	WEIGHT	M	R	1/10	
L302	WEIGHT QUALIFIER	M	ID	1/ 2	G - GROSS WEIGHT
L312	WEIGHT UNIT CODE	M	ID	1/1	

'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