



**FILE LAYOUT**  
**FOR**  
**860 EDI TRANSACTION**  
**(INBOUND)**  
**VERSION 4010**

**OVERVIEW**

**PURPOSE OF TRANSACTION** – Inbound (Trading Partner to Hubbell) Purchase Order Change

**VERSION** – Version 1

**SUPPLIER** – Hubbell Incorporated  
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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

**860 LAYOUT**

**HEADER**

	ENVELOPE AREA
ISA	INTERCHANGE CONTROL HEADER
GS	FUNCTIONAL GROUP HEADER
	HEADER AREA
ST	TRANSACTION SET HEADER
BCH	BEGINNING SEGMENT FOR PO CHANGE
REF	REFERENCE IDENTIFICATION
PER	ADMINISTRATIVE COMMUNICATIONS CONTACT
TAX	TAX REFERENCE
FOB	F.O.B. RELATED INTRUCTIONS
ITD	TERMS OF SALE
DTM	DATE/TIME STAMP
PID	ITEM DESCRIPTION
TD5	CARRIER DETAILS (ROUTING SEQUENCE)
N1	NAME
N2	ADDITIONAL NAME
N3	ADDRESS
N4	CITY, STATE, ZIP

REF	REFERENCE NUMBERS
PER	ADMINISTRATIVE COMMUNICATIONS CONTACT
DETAIL AREA	
POC	LINE ITEM CHANGE
REF	REFERENCE NUMBERS
DTM	DATE/TIME REFERENCE
N9	REFERENCE IDENTIFICATION
MSG	MESSAGE TEXT
N1	NAME
N2	ADDITIONAL NAME
N3	ADDRESS
SCH	LINE ITEM SCHEDULE
SUMMARY AREA	
CTT	TRANSACTION TOTALS
AMT	MONETARY AMOUNT
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	

**'GS'- 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	860
ST02	TRANS. SET CONTROL NUMBER	M	AN	4/9	



**'BCH'- BEGINNING SEGMENT FOR PO CHANGE**

**PURPOSE:** To indicate the beginning segment for a Purchase Order Change.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
BCH01	TRANSACTION SET PURPOSE CODE	M	ID	2/2	00 - ORIGINAL 04 - CHANGE 06 - CONFIRMATION 11 - RESPONSE
BCH02	PURCHASE ORDER TYPE	M	ID	2/2	BE - BLANKET ORDER/ ESTIMATED QUANTITIES BK - BLANKET ORDER NE - NEW ORDER OS - SPECIAL ORDER RL - RELEASE SA - STAND-ALONE ORDER
BCH03	PURCHASE ORDER NUMBER	M	AN	1/22	
BCH04	RELEASE NUMBER	O	AN	1/30	
BCH05	CHANGE ORDER SEQUENCE NUMBER	O	AN	1/8	
BCH06	PURCHASE ORDER DATE	O	DT	8/8	
BCH11	DATE	O	DT	8/8	DATE OF PO CHANGE REQUEST

**'REF'- REFERENCE NUMBERS**

**PURPOSE:** To specify identifying information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
REF01	REFERENCE ID QUALIFIER	O	ID	2/3	CR - CUSTOMER REFERENCE # EQ - EQUIPMENT NUMBER PR - PRICE QUOTE NUMBER QC - PRODUCT SPEC DOCUMENT # QR - QUALITY REPORT NUMBER ST - STORE 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	
PER02	NAME	O	AN	1/60	

**'TAX'- TAX REFERENCE**

**PURPOSE:** To provide data required for proper notification/determination of applicable taxes.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
TAX01	TAX ID NUMBER	O	ID	1/20	
TAX02	LOCATION QUALIFIER	O	ID	1/ 2	
TAX03	LOCATION IDENTIFIER	O	AN	1/30	
TAX12	TAX EXEMPT CODE	O	ID	1/1	

**'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) TP specs require that all available X12 codes are valid
FOB03	DESCRIPTION	O	AN	1/80	
FOB04	TRANSPORTATION TERMS QUALIFIER CODE	O	ID	2/2	02 – TRADE TERMS CODE
FOB05	TRANSPORTATION TERMS CODE	O	ID	3/3	FOB – FREE on BOARD

**'ITD'- TERMS OF SALE**

**PURPOSE:** To specify 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	28/8	
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 INV 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	
DTM02	DATE	M	DT	8/8	

**'PID'- PRODUCT / ITEM DESCRIPTION**

**PURPOSE:** To describe a 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	



**'TD5'- CARRIER DETAILS (ROUTING SEQUENCE/TRANSIT TIME)**

**PURPOSE:** To specify the carrier, sequence of routing and to provide transit time information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
TD501	ROUTING SEQUENCE CODE	O	ID	1/ 2	
TD502	IDENTIFICATION CODE QUALIFIER	O	ID	1/ 2	2 - SCAC
TD503	IDENTIFICATION CODE	O	AN	2/80	
TD504	TRANSPORTATION METHOD/TYPE CODE	O	ID	1/ 2	
TD505	ROUTING	O	AN	1/35	

**'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	
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	

**'REF'- REFERENCE NUMBERS**

**PURPOSE:** To specify identifying information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
REF01	REFERENCE ID QUALIFIER	O	ID	2/3	CR - CUSTOMER REFERENCE # EQ - EQUIPMENT NUMBER PR - PRICE QUOTE NUMBER QC - PRODUCT SPEC DOCUMENT # QR - QUALITY REPORT NUMBER ST - STORE 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	
PER02	NAME	O	AN	1/60	

**'POC' - LINE ITEM CHANGE**

**PURPOSE:** To specify changes to line item data.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
POC01	ASSIGNED IDENTIFIICATION	M	AN	1/30	
POC02	CHANGE OR RESPONSE TYPE CODE	M	ID	2/2	AI - ADD ADDITIONAL ITEM(S) CA -CHANGES TO LINE ITEMS CT - CHANGE OF DATES DI - DELETE ITEM(S) QD - QUANTITY DECREASE QI - QUANTITY INCREASE PC - PRICE CHANGE RS - RESCHEDULE
POC03	QUANTITY ORDERED	M	R	1/15	
POC04	QUANTITY LEFT TO RECEIVE	M	R	1/9	
POC05	UNIT OF MEASUREMENT CODE	M	ID	2/2	
POC06	UNIT PRICE	M	R	1/17	VC – VENDORS CATALOG PART NUMBER UP – UPC NUMBER CB – CUSTOMERS PART NUMBER
POC07	BASIS OF UNIT PRICE	O	ID	2/2	
POC08	PRODUCT/SERVICE ID QUALIFIER	M	ID	2/2	BP, CB, IN - BUYERS PART # VC, VP - HUBBELL PART # DC, UI, UP - U.P.C. #
POC09	PRODUCT/SERVICE ID	M	AN	1/48	
POC10	PRODUCT/SERVICE ID	O	ID	2/2	



	QUALIFIER				
POC11	PRODUCT/SERVICE ID	O	AN	1/48	
POC12	PRODUCT/SERVICE ID QUALIFIER	O	ID	2/2	
POC13	PRODUCT/SERVICE ID	O	AN	1/48	

**'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	

**'REF'- REFERENCE NUMBERS**

**PURPOSE:** To specify identifying information.

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

**'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	
DTM02	DATE	M	DT	8/8	

**'N9' - REFERENCE IDENTIFICATION**

**PURPOSE:** To specify identifying information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
N901	REFERENCE IDENTIFICATION QUALIFIER	O	ID	2/3	
N903	FREE-FORM DESCRIPTION	O	AN	1/45	

**'MSG' - MESSAGE TEXT**

**PURPOSE:** To specify free form message text.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
MSG01	FREE FORM MESSAGE TEXT	O	AN	1/264	

**'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	
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	

**'SCH'- LINE ITEM SCHEDULE**

**PURPOSE:** To specify the data for scheduling a specific line-item.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
SCH01	QUANTITY	O	R	1/15	
SCH02	UNIT OF MEASUREMENT CODE	O	ID	2/2	
SCH05	DATE/TIME QUALIFIER	O	ID	3/3	
SCH06	DATE	O	DT	8/8	

**'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