



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

**OVERVIEW**

**PURPOSE OF TRANSACTION** – Inbound (Trading Partner to Hubbell) Remittance Advice

**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

**820 LAYOUT**

**HEADER**

	ENVELOPE AREA
ISA	INTERCHANGE CONTROL HEADER
GS	FUNCTIONAL GROUP HEADER
	HEADER AREA
ST	TRANSACTION SET HEADER
BPR	REMITTANCE ADVICE BEGINNING RECORD
TRN	TRACE
CUR	CURRENCY
REF	REFERENCE NUMBERS
DTM	DATE/TIME REFERENCE
N1	NAME
N2	ADDITIONAL NAME
N3	ADDRESS
N4	CITY, STATE, ZIP
	DETAIL AREA
ENT	ENTITY
N1	NAME

N2	ADDITIONAL NAME
N3	ADDRESS
N4	CITY, STATE, ZIP
RMR	REMITTANCE ADVICE A/R OPEN ITEM REFERENCE
NTE	NOTE/MESSAGE
REF	REFERENCE NUMBERS
DTM	DATE/TIME REFERENCE
ADX	ADJUSTMENT
SUMMARY AREA	
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	820
ST02	TRANS. SET CONTROL NUMBER	M	AN	4/9	



**'BPR'- BEGINNING RECORD FOR PAYMENT ORDER/REMITTANCE ADVICE**

**PURPOSE:** To indicate the beginning segment for a Remittance Advice.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
BPR01	TRANS. HANDLING CODE	M	ID	1/ 2	
BPR02	MONETARY AMOUNT	M	R	1/18	
BPR03	CREDIT/DEBIT FLAG CODE	M	ID	1/1	
BPR04	PAYMENT METHOD CODE	M	ID	3/3	
BPR05	PAYMENT FORMAT CODE	M	ID	1/10	
BPR06	(DFI) ID # QUALIFIER *	M	ID	2/2	
BPR07	(DFI) ID NUMBER *	M	AN	3/12	
BPR08	ACCOUNT # QUALIFIER	M	ID	1/3	
BPR09	ACCOUNT NUMBER	M	AN	1/35	
BPR10	ORIGINATING COMPANY ID	M	AN	10/10	
BPR11	ORIGINATING COMPANY SUPPLEMENTAL CODE	O	AN	9/9	
BPR12	(DFI) ID # QUALIFIER *	M	ID	2/2	
BPR13	(DFI) ID NUMBER *	M	AN	3/13	
BPR14	ACCOUNT # QUALIFIER	M	ID	1/3	
BPR15	ACCOUNT NUMBER	M	AN	1/35	
BPR16	DATE	M	DT	8/8	

**'TRN'- TRACE**

**PURPOSE:** To uniquely identify the transaction to an application.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
TRN01	TRACE TYPE CODE	M	ID	1/ 2	
TRN02	REFERENCE NUMBER	M	AN	1/30	

**'CUR'- CURRENCY**

**PURPOSE:** To specify the currency used in a transaction.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
CUR01	ENTITY IDENTIFIER CODE	M	ID	1/3	
CUR02	CURRENCY CODE	M	ID	3/3	

**'REF'- REFERENCE NUMBERS**

**PURPOSE:** Specify the identifying numbers.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
REF01	REFERENCE ID QUALIFIER	O	ID	2/3	BT - BATCH NUMBER CK - CHECK NUMBER DP – DEPT 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	003 - INVOICE DATE 097 – TRANS. CREATION DATE
DTM02	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	AO - ACCOUNT OF BY - BUYING PARTY PE - PAYEE PR - PAYER
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	

**'ENT'- ENTITY**

**PURPOSE:** To designate the entities which are parties to the transaction and specify a reference meaningful to those entities.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ENT01	ASSIGNED NUMBER	O	N0	1/6	
ENT02	ENTITY IDENTIFIER CODE	O	ID	2/3	
ENT03	IDENTIFICATION CODE QUALIFIER	O	ID	1/ 2	
ENT04	IDENTIFICATION CODE	O	AN	2/80	

**'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	AO - ACCOUNT OF BY - BUYING PARTY PE - PAYEE PR - PAYER
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	

**'RMR'- REMITTANCE ADVICE A/R OPEN ITEM REFERENCE TIFICATION**

**PURPOSE:** To indicate details on the items.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
RMR01	REFERENCE ID QUALIFIER	O	ID	2/3	CR - CUSTOMER'S REFERENCE # IV - INVOICE NUMBER
RMR02	REFERENCE IDENTIFICATION	O	AN	1/30	
RMR03	PAYMENT ACTION CODE	O	ID	2/2	AE - AMT PAID EXCLUSIVE OF DISCOUNTS AI - AMT PAID INCLUSIVE OF DISCOUNTS AJ - ADJUSTMENT
RMR04	MONETARY AMOUNT		R	1/18	
RMR05	MONETARY AMOUNT		R	1/18	
RMR06	MONETARY AMOUNT		R	1/18	

**'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	O	AN	1/80	



**'REF'- REFERENCE NUMBERS**

**PURPOSE:** To specify the identifying numbers.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
REF01	REFERENCE ID QUALIFIER	O	ID	2/3	BT - BATCH NUMBER CK - CHECK NUMBER DP – DEPT 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	003 - INVOICE DATE 097 – TRANS. CREATION DATE
DTM02	DATE	M	DT	8/8	

**'ADX' - ADJUSTMENT**

**PURPOSE:** To convey account payable adjustment information for the purpose of cash application.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ADX01	MONETARY AMOUNT	M	R	1/18	01 - PRICING ERROR 06 - QUANTITY CONTESTED 11 - RETURNS, DAMAGED 54 – FREIGHT DEDUCTION 72 – AUTHORIZED RETURN 81 – CREDIT AS AGREED A7 – PAYMENT ON ACCOUNT C2 – SPECIAL ALLOWANCE
ADX02	ADJUSTMENT REASON CODE	M	ID	2.3	
ADX03	REFERENCE ID QUALIFIER	O	ID	2/3	
ADX04	REFERENCE IDENTIFICATION	O	AN	1/30	

**'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