Indigo

Indigo Books & Music Inc. - Trade Books

X12/V4010/820 : 820 Payment Order/Remittance Advice

Version: 1 Final

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820 Payment Order/Remittance Advice

Functional Group=RA

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice.This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1			Must use
035	TRN	Trace	M	1		C1/035	Must use
060	DTM	Date/Time Reference	M	>1			Must use
LOOP ID - N1					**>1**	**C1/070L**	
070	N1	Name	M	1		C1/070	Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - ENT					**>1**	**CN2/010L**	
010	ENT	Entity	M	1		CN2/010	Must use
LOOP ID - RMR					**>1**	**C2/150L**	
150	RMR	Remittance Advice Accounts Receivable Open Item Reference	M	1		C2/150	Must use
180	DTM	Date/Time Reference	O	>1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/010L   The ENT loop is for vendor or consumer third party consolidated payments.

2/010   The ENT loop is for vendor or consumer third party consolidated payments.

Comments:

1/035   The TRN segment is used to uniquely identify a payment order/remittance advice.

1/070L   The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.

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         address remittance(s) for delivery.

2/010L   ENT09 may contain the payee's accounts receivable customer number.

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2/150L   Loop RMR is for open items being referenced or for payment on account.

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User Note 1:

Change History

November 2020:

Changed usage of DTM segment at Header Level from Optional to Mandatory

Changed usage of N1 Loop from Optional to Mandatory

ISA   Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 16**

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information
All valid standard codes are used. (Total Codes: 7)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Security Information
All valid standard codes are used. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA04	I04	**Security Information**	M	AN	10/10	Must use

Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

Code List Summary (Total Codes: 38, Included: 1)

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

User Note 1: *VMIORDERS*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer

All valid standard codes are used. (Total Codes: 1)

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

Code List Summary (Total Codes: 14, Included: 4)

<u>Code</u>	<u>Name</u>
00307	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1996
00400	Standard Issued as ANSI X12.5-1997
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997
00402	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1998

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)
All valid standard codes are used. (Total Codes: 2)

ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information
All valid standard codes are used. (Total Codes: 3)

ISA16	I15	**Component Element Separator**	M		1/1	Must use

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

GS   Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 8**

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

Code List Summary (Total Codes: 240, Included: 1)

<u>Code</u>	<u>Name</u>
RA	Payment Order/Remittance Advice (820)

GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

User Note 1: *VMIORDERS*

GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

GS05	337	**Time**	M	TM	4/8	Must use

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

All valid standard codes are used. (Total Codes: 2)

GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

Code List Summary (Total Codes: 39, Included: 1)

Code	**Name**
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST   Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code List Summary (Total Codes: 298, Included: 1)

Code	Name
820	Payment Order/Remittance Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BPR Beginning Segment for Payment Order/Remittance Advice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BPR01	305	**Transaction Handling Code**	M	ID	1/2	Must use

Description: Code designating the action to be taken by all parties

Code List Summary (Total Codes: 23, Included: 1)

Code	Name
I	Remittance Information Only

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BPR02	782	**Monetary Amount**	M	R	1/18	Must use

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BPR03	478	**Credit/Debit Flag Code**	M	ID	1/1	Must use

Description: Code indicating whether amount is a credit or debit

Code List Summary (Total Codes: 2, Included: 1)

Code	Name
C	Credit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BPR04	591	**Payment Method Code**	M	ID	3/3	Must use

Description: Code identifying the method for the movement of payment instructions

Code List Summary (Total Codes: 54, Included: 1)

Code	Name
CHK	Check

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BPR05	812	**Payment Format Code**	M	ID	1/10	Must use

Description: Code identifying the payment format to be used

Code List Summary (Total Codes: 10, Included: 1)

Code	Name
PBC	Commercial/Corporate Check

Semantics:

1. BPR02 specifies the payment amount.
2. When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.

TRN Trace

<table>
<tr><td>Pos: 035</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: To uniquely identify a transaction to an application

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TRN01	481	**Trace Type Code**	M	ID	1/2	Must use

Description: Code identifying which transaction is being referenced

Code List Summary (Total Codes: 3, Included: 1)

Code	Name
1	Current Transaction Trace Numbers

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TRN02	127	**Reference Identification**	M	AN	1/30	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Semantics:

1. TRN02 provides unique identification for the transaction.

DTM Date/Time Reference

<table>
<tr><td>Pos: 060</td><td>Max: >1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

Code List Summary (Total Codes: 1112, Included: 1)

Code	Name
097	Transaction Creation

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

Loop Name

Pos: 070	Repeat: >1
Mandatory	
Loop: N1	**Elements: N/A**

User Option (Usage): Must use

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
070	N1	Name	M	1		Must use

N1 Name

Pos: 070	**Max: 1**
Heading - Mandatory	
Loop: N1	**Elements: 4**

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code List Summary (Total Codes: 1312, Included: 2)

Code	Name
PE	Payee
PR	Payer

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	O	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	M	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 215, Included: 1)

Code	Name
15	Standard Address Number (SAN)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	M	AN	2/80	Must use

Description: Code identifying a party or other code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Loop Entity

<table>
<tr><td>Pos: 010</td><td>Repeat: >1</td></tr>
<tr><td colspan="2" align="center">Mandatory</td></tr>
<tr><td colspan="2">Loop: ENT   Elements: N/A</td></tr>
</table>

User Option (Usage): Must use

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	ENT	Entity	M	1		Must use
150		Loop RMR	M		>1	Must use

ENT Entity

Pos: 010   Max: 1
Detail - Mandatory
Loop: ENT   Elements: 1

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ENT01	554	**Assigned Number**	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set

Comments:

1. This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:

2. (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).

Loop Remittance Advice Accounts Receivable Open Item Reference

<table>
<tr><td>Pos: 150</td><td>Repeat: >1</td></tr>
<tr><td colspan="2">Mandatory</td></tr>
<tr><td>Loop: RMR</td><td>Elements: N/A</td></tr>
</table>

User Option (Usage): Must use

Purpose: To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
150	RMR	Remittance Advice Accounts Receivable Open Item Reference	M	1		Must use
180	DTM	Date/Time Reference	O	>1		Used

RMR   Remittance Advice Accounts Receivable Open Item Reference

Pos: 150	Max: 1
Detail - Mandatory	
Loop: RMR	**Elements: 4**

User Option (Usage): Must use

Purpose: To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
RMR01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1503, Included: 2)

Code	Name
CL	Seller's Credit Memo
IV	Seller's Invoice Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
RMR02	127	**Reference Identification**	M	AN	1/30	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
RMR03	482	**Payment Action Code**	M	ID	2/2	Must use

Description: Code specifying the accounts receivable open item(s), if any, to be included in the cash application.

Code List Summary (Total Codes: 9, Included: 2)

Code	Name
PI	Pay Item
PP	Partial Payment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
RMR04	782	**Monetary Amount**	M	R	1/18	Must use

Description: Monetary amount

User Note 1:

Decimals Used

Syntax Rules:

1. P0102 - If either RMR01 or RMR02 is present, then the other is required.

Semantics:

1. If RMR03 is present, it specifies how the cash is to be applied.
2. RMR04 is the amount paid.

Comments:

1. Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
2. If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.

3. RMR05 may be needed by some payees to distinguish between duplicate reference numbers.

DTM Date/Time Reference

Pos: 180   Max: >1
Detail - Optional
Loop: RMR   Elements: 2

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

Code List Summary (Total Codes: 1112, Included: 1)

Code	Name
003	Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

SE Transaction Set Trailer

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Comments:

1. SE is the last segment of each transaction set.