

# 820 Payment Order/Remittance Advice

Functional Group ID=**RA**

## Introduction:

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.

## Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
2	010	ST	Transaction Set Header	M	1		
3	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
5	035	TRN	Trace	O	1		c1
6	060	DTM	Date/Time/Period	O	>1		
LOOP ID - N1						>1	
7	070	N1	Name	O	1		c2

## Detail:

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LOOP ID - ENT						>1	
8	010	ENT	Entity	O	1		c3
LOOP ID - RMR						>1	
9	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	M	1		c4

## Summary:

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10	010	SE	Transaction Set Trailer	M	1		

## Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
3. ENT09 may contain the payee's accounts receivable customer number.
4. Loop RMR is for items being paid.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 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).  
**Comments:**

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>> ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 820 X12.4 Payment Order/Remittance Advice	<b>M ID 3/3</b>
>> ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

**Segment:** **BPR** Beginning Segment for Payment Order/Remittance Advice  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** (1) To indicate the beginning of a PaymentOrder/Remittance Advice Transaction Set and total payment amount or (2) to enable related transfer of funds and/or information from payer to payee to occur

**Syntax Notes:**

- 1 If either BPR06 or BPR07 is present, then the other is required.
- 2 If BPR08 is present, then BPR09 is required.
- 3 If either BPR12 or BPR13 is present, then the other is required.
- 4 If BPR14 is present, then BPR15 is required.

**Semantic Notes:**

- 1 BPR02 specifies the payment amount.
- 2 When using this transaction set to initiate a payment, BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used. BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
- 3 BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
- 4 BPR15 is the account number of the receiving company to be debited or credited with the payment order.
- 5 BPR17 is a code identifying the business reason for this payment.

**Comments:**

- 1 BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.

**Notes:** Specific qualifiers used in data elements BPR01, BPR03, BPR04 and BPR05 need to be received and agreed upon between the sender and the sender's financial institution.

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	<b>BPR01</b>	<b>305</b>	<b>Transaction Handling Code</b>	<b>M ID 1/1</b>
			Code designating the action to be taken by all parties	
			C Payment Accompanies Remittance Advice	
>>	<b>BPR02</b>	<b>782</b>	<b>Monetary Amount</b>	<b>M R 1/15</b>
			Monetary amount	
>>	<b>BPR03</b>	<b>478</b>	<b>Credit/Debit Flag Code</b>	<b>M ID 1/1</b>
			Code indicating whether amount is a credit or debit	
			C Credit	
>>	<b>BPR04</b>	<b>591</b>	<b>Payment Method Code</b>	<b>M ID 3/3</b>
			Code used to designate the actual funds transfer method.	
			ACH Automated Clearing House (ACH)	
	<b>BPR05</b>	<b>812</b>	<b>Payment Format Code</b>	<b>O ID 1/10</b>
			Code identifying the payment format to be used	
			CTX Corporate Trade Exchange (CTX) (ACH)	
	<b>BPR06</b>	<b>506</b>	<b>(DFI) ID Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of identification number of Depository Financial Institution (DFI)	
			01 ABA Transit Routing Number Including Check Digits (9 digits)	
	<b>BPR07</b>	<b>507</b>	<b>(DFI) Identification Number</b>	<b>X AN 3/12</b>
			Depository Financial Institution (DFI) identification number	
			SDG&E's bank.	
	<b>BPR08</b>	<b>896</b>	<b>Account Number Qualifier Code</b>	<b>O ID 2/2</b>
			Code indicating type of bank account or other financial asset	

		DA	Demand Deposit		
<b>BPR09</b>	<b>508</b>	<b>Account Number</b>		<b>X</b>	<b>AN 1/35</b>
		Account number assigned			
		SDG&E's bank account number.			
<b>BPR10</b>	<b>509</b>	<b>Originating Company Identifier</b>		<b>O</b>	<b>AN 10/10</b>
		A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9			
		SDG&E will provide '1951184800' (1 + IRS employer identification number)			
<b>BPR11</b>	<b>510</b>	<b>Originating Company Supplemental Code</b>		<b>O</b>	<b>AN 9/9</b>
		A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions			
<b>BPR12</b>	<b>506</b>	<b>(DFI) ID Number Qualifier</b>		<b>X</b>	<b>ID 2/2</b>
		Code identifying the type of identification number of Depository Financial Institution (DFI)			
		01	ABA Transit Routing Number Including Check Digits (9 digits)		
<b>BPR13</b>	<b>507</b>	<b>(DFI) Identification Number</b>		<b>X</b>	<b>AN 3/12</b>
		Depository Financial Institution (DFI) identification number			
		ESP's bank identifier.			
<b>BPR14</b>	<b>896</b>	<b>Account Number Qualifier Code</b>		<b>O</b>	<b>ID 2/2</b>
		Code indicating type of bank account or other financial asset			
		DA	Demand Deposit		
<b>BPR15</b>	<b>508</b>	<b>Account Number</b>		<b>X</b>	<b>AN 1/35</b>
		Account number assigned			
		ESP's bank account number. (no dashes)			
>>	<b>BPR16</b>	<b>513</b>	<b>Effective Entry Date</b>	<b>O</b>	<b>DT 6/6</b>
			Date the originating company intends for the transaction to be settled.		
			SDG&E's originated Settlement Date. (Can not be greater than 45 days in the future.)		
<b>BPR17</b>	<b>1048</b>	<b>Business Function Code</b>		<b>O</b>	<b>ID 1/3</b>
		Code identifying the business reason for this payment			
		VEN	Vendor Payment		

**Segment:** **TRN** Trace  
**Position:** 035  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To uniquely identify a transaction to an application  
**Syntax Notes:**  
**Semantic Notes:**

- 1 TRN02 provides unique identification for the transaction.
- 2 TRN03 identifies an organization.
- 3 TRN04 identifies a further subdivision within the organization.

**Comments:**  
**Notes:** Recommended especially if: BPR01 = "I"

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>>	TRN01	<b>Trace Type Code</b> Code identifying which transaction is being referenced 1 Current Transaction Trace Numbers	<b>M ID 1/2</b>
>>	TRN02	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Due to ACH restrictions, field must be 15 characters max. SDG&E will use the ESP's Duns Number (9 char) + MMDDYY, for a total of 15 characters.	<b>M AN 1/30</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 060  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 or DTM03 is required.  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 097 Transaction Creation	<b>M ID 3/3</b>
>>	DTM02	373	<b>Date</b> Date (YYMMDD)	<b>X DT 6/6</b>
	DTM05	624	<b>Century</b> The first two characters in the designation of the year (CCYY)	<b>O N0 2/2</b>

**Segment:** **N1** Name  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**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.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>> N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual PE Payee PR Payer	M ID 2/2
>> N102	93	<b>Name</b> Free-form name	X AN 1/35

**Segment:** **ENT** Entity

**Position:** 010

**Loop:** ENT Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

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

**Syntax Notes:**

- 1 If any of ENT02 ENT03 or ENT04 is present, then all are required.
- 2 If any of ENT05 ENT06 or ENT07 is present, then all are required.
- 3 If either ENT08 or ENT09 is present, then the other is required.

**Semantic Notes:**

**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:
  - (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
  - (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
  - (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
  - (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.
 This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ENT01	554	Assigned Number	O N0 1/6
		Number assigned for differentiation within a transaction set	
		SDG&E will use '1'.	



**Segment:** **RMR** **Remittance Advice Accounts Receivable Open Item Reference**  
**Position:** 150  
**Loop:** RMR Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail  
**Syntax Notes:** 1 If RMR02 is present, then RMR01 is required.  
**Semantic Notes:** 1 If RMR03 is present, it specifies the open item(s) to be included in the cash application.  
**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, the item referenced in RMR02 is to be included in the cash application.  
 3 RMR04 is the amount paid.  
 4 RMR05 may be needed by some payees to distinguish between duplicate reference numbers.  
 5 RMR06 may be used to specify discount taken.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>> RMR01	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number. 12 Billing Account Account number under which billing is rendered	<b>X ID 2/2</b>
>> RMR02	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. SDG&E Customer Account Number (10 characters)	<b>O AN 1/30</b>
RMR03	482	<b>Payment Action Code</b> Code specifying the type of accounts receivable open item(s) to be included in a cash application. NS Not Specified (Unknown as to Type of Payment)	<b>O ID 2/2</b>
>> RMR04	782	<b>Monetary Amount</b> Monetary amount Amount (positive or negative) to be posted by SDG&E to the customer account as referenced in the RMR02.	<b>O R 1/15</b>
RMR05	777	<b>Total Invoice or Credit/Debit Amount</b> Amount of Invoice (including charges, less allowances) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items. Amount (positive or negative) to be posted by the ESP to their customer's account as referenced in the RMR02.	<b>O R 1/15</b>

**Segment:** **SE** Transaction Set Trailer  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**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).  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	<b>M N0 1/10</b>
>>	SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>