



Electronic
Data
Interchange

EDI Implementation Guidelines

Version 4010
820
Payment Order/Remittance Advice

820 • Payment Order/Remittance Advice**Introduction:**

The 820 standard provides the format and established the data content of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Exchange (EDI) environment. This transaction is used to transmit remittance and/or payment information to a bank with instructions to begin funds transfer. The bank subsequently passes the funds transfer to SCE&G's bank along with the 820 detail. At settlement, SCE&G's bank passes the 820 to SCE&G.

The Transaction:

A Transaction Set is used to describe the electronic transmission of a document (Payment Order/Remittance Advice) between the systems of the companies.

EDI transactions are defined by segments, and each item within the segment becomes a data element. Segment ID Name, Data Element Type, and Data Element Length are described below. These identifiers are listed for each Data Element throughout these guidelines.

Segment ID Name:

Header	
ISA	Interchange Control Header
GS	Transaction Group Header
ST	Transaction Set Header
BPR	Beginning Segment for Payment Order/Remittance Advice
TRN	Trace
REF	Reference Identification
DTM	Date/Time Reference
N1	Name

Detail	
ENT	Entity
RMR	Remittance Advice Accounts Receivable Open Item Reference
REF	Reference Identification
DTM	Date/Time Reference

Trailer	
SE	Transaction Set Trailer
GE	Functional Group Trailer
IEA	Interchange Control Trailer

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Date Element Type:

Nn	Numeric	N indicates that it is numeric; n indicates decimal place.
R	Decimal	R indicates an optional decimal point for integer values or a required decimal for decimal values.
ID	Identifier	A specific code taken from a defined table.
AN	String	A series of alpha/numeric characters, such as a company name.
DT	Date	Date expressed as CCYYMMDD.
TM	Time	HHMM expressed in a 24-hour clock format.

Data Element Length:

The minimum length and maximum length of the characters in the data element. For example, "1/15" indicates that '1' is the minimum acceptable value and '15' is the maximum acceptable value.

Sample 820:

Note: Fields are delimited by asterisk.

```

ISA*00*      *00*      *01*      *01*007919517*980702*1709*U*0410*000000002*0*P*@
GS*RA*CUSTID0001*007919517*20030101*1530*0001*X*004010
ST*820*000000001
BPR*C*10000*C*ACH*CTX*01*xxxx*xx*xxx*CUSTID0001*xxxx*01*053207766*DA*320704026*20030101
TRN*1*0001* CUSTID0001
REF*TN*0001
DTM*007*20030101*1200*ET
N1*PR*CUSTOMER NAME*01*
N1*PE*SCEG*01*007919517
ENT*1
RMR*12*5189800007544*PO*5000
REF*12*5189800007544
DTM*814*20030101
SE*18*000000001
GE*1*0001
IEA*1* 000000002

```

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Segment: **ISA Interchange** Control Header
Level: Header
Purpose: To start or identify an interchange of zero or more functional groups and interchange-related control segments.
Example: ISA*00* *00* *01* *01*007919517*980702*1709*U*0410*000000002*0*P*@

Segment	Name	Min/Max Field Length	Type	Contents
ISA01	Functional ID Code	2/2	ID	'00' – No Authorization Information Present (No meaningful information in ISA02).
ISA02	Authorization Information	10/10	AN	(10 blanks)
ISA03	Security Information Qualifier	2/2	ID	'00' – No Security Information Present (No meaningful information in ISA04).
ISA04	Security Information	10/10	AN	(10 blanks)
ISA05	Interchange ID Qualifier	2/2	ID	'01' – DUNS
ISA06	Interchange Sender ID	15/15	AN	(15 blanks)
ISA07	Interchange ID Qualifier	2/2	ID	'01' – DUNS
ISA08	Interchange Receiver ID	15/15	AN	'007919517' – SCEG DUNS number.
ISA09	Interchange Date	6/6	DT	Expressed as YYMMDD
ISA10	Interchange Time	4/4	TM	Time
ISA11	Interchange Control Standards ID	1/1	ID	'U' – U.S. EDI Community of X12.
ISA12	Interchange Control Version Number	5/5	ID	'04010' – Version 4010
ISA13	Interchange Control Number	9/9	N0	Control number
ISA14	Acknowledgement Requested	1/1	ID	'0' – No acknowledgement

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				requested.
ISA15	Usage Indicator	1/1	ID	'P' – Production Data 'T' – Test Data
ISA16	Component Element Separator	1/1		'@'

820 • Payment Order/Remittance Advice**Segment:** **GS Functional** Group Header**Level:** Header**Purpose:** To indicate the beginning of a functional group and to provide control information.**Example:** GS*RA*CUSTID0001*007919517*20030101*1530*0001*X*004010

Segment	Name	Min/Max Field Length	Type	Contents
GS01	Functional ID Code	2/2	ID	Code identifying a group of application related transaction sets. 'RA' - Payment Order/Remittance Advice (820).
GS02	Application Sender's Code	2/15	AN	Code identifying party sending transmission; codes agreed to by trading partners.
GS03	Application Receiver's Code	2/15	AN	'007919517' – SCEG DUNS number.
GS04	Date	8/8	DT	Date of transmission; expressed as CCYYMMDD.
GS05	Time	4/8	TM	Time of transmission; expressed as HHMM; expressed in a 24-hour clock format.
GS06	Group Control Number	1/9	N	Assigned number originated and maintained by the sender. Note: the number in this header must be identical to the same data element in the associated functional group trailer, GE02.
GS07	Responsible Agency Code	1/2	ID	'X' only for ASC X12.
GS08	Version/Release Industry Identifier Code	1/12	AN	Sender's transmission standard version; 004010.

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Segment: **ST Transaction** Set Header
Level: Header
Purpose: To indicate the start of a transaction set and to assign a control number.
Example: ST*820*000000001

Segment	Name	Min/Max Field Length	Type	Contents
ST01	TS ID Code	3/3	ID	'820' - Payment Order/Remittance Advice.
ST02	TS Control Number	4/9	AN	Sender's message control number.

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Segment: **BPR Beginning** Segment for Payment Order/Remittance Advice

Level: Header

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.

Example: BPR*C*10000*C*ACH*CTX*01*xxxx*xx*xxxx*CUSTID0001*xxxx*01*053207766*DA*320704026*20030101

Segment	Name	Min/Max Field Length	Type	Contents
BPR01	Transaction Handling Code	1/1	ID	'C' - Payment accompanies remittance advice.
BPR02	Monetary Amount	1/18	R	Total payment amount for all items.
BPR03	Credit/Debit Flag Code	1/1	ID	'C' - Credit.
BPR04	Payment Method Code	3/3	ID	'ACH' - Automated Clearing House.
BPR05	Payment Format Code	1/10	ID	'CCD' - Cash Concentration/ Disbursement. 'CTX' - Corporate Trade Exchange.
BPR06	Originating DFI ID Number Qualifier	2/2	ID	'01' - ABA Transit Routing Number.
BPR07	Originating DFI ID Number	3/12	ID	Customer's Depository Financial Institution (DFI) identification number.
BPR08	Account Number Qualifier Code	1/3	ID	Code indicating the type of account. This is not used by SCE&G.
BPR09	Account Number	1/35	AN	Customer's bank account number.
BPR10	Originating Company ID	10/10	AN	Customer's DUNS number.
BPR11	Originating Company Supplemental Code	9/9	AN	Code defined between the originating company and the original depository financial institution that identifies the company initiating the transfer.

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BPR12	DFI ID Number Qualifier	2/2	ID	'01' - ABA Transit Routing Number.
BPR13	DFI ID Number	3/12	ID	Depository Financial Institution (DFI) identification number. SCE&G's routing number: 053207766.
BPR14	Account Number Qualifier Code	1/3	ID	Code indicating the type of account. This is not used by SCE&G.
BPR15	Account Number	1/35	AN	Payee's bank account number.
BPR16	Date	8/8	DT	Expressed as CCYYMMDD.

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Segment: TRN Trace**Level:** Header**Purpose:** To uniquely identify a transaction to an application. The Trace Number identifies the payment.**Example:** TRN*1*0001* CUSTID0001

Segment	Name	Min/Max Field Length	Type	Contents
TRN01	Trace Type Code	1/2	ID	'1' - Current Transaction Trace Numbers.
TRN02	Reference Identification	1/10	AN	Trace Number of the payment (with no spaces or punctuation), provides unique identification for the transaction.
TRN03	Originating Company ID	10/10	AN	Customer's DUNS number.

820 • Payment Order/Remittance Advice**Segment:** **REF Reference** Identification**Level:** Header**Purpose:** To specify identifying information.**Example:** REF*TN*0001*Note: If the Trace is sent, the REF with TN is not needed.*

Segment	Name	Min/Max Field Length	Type	Contents
REF01	Reference ID Qualifier	2/3	ID	'TN' - Transaction Reference Number.
REF02	Reference ID	1/10	AN	Trace Number.
REF03	Description	1/80	AN	Free-form description to clarify the related data elements and their content.

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Segment: **DTM Date**/Time Reference
Level: Header
Purpose: To specify pertinent dates and times.
Example: DTM*007*20030101*1200*ET

Segment	Name	Min/Max Field Length	Type	Contents
DTM01	Date/Time Qualifier	3/3	ID	'007' - Effective.
DTM02	Date	8/8	DT	CCYYMMDD.
DTM03	Time	4/8	TM	HHMM expressed in 24-hour clock time.
DTM04	Time Code	2/2	ID	'ET' - Eastern Time 'CT' - Central Time 'MT' - Mountain Time 'PT' - Pacific Time

820 • Payment Order/Remittance Advice**Segment: N1 Name****Level:** Header**Purpose:** To identify a party by type of organization, name and code.**Example:** N1*PR*CUSTOMER NAME*01*

N1*PE*SCEG*01*007919517

Segment	Name	Min/Max Field Length	Type	Contents
N101	Entity Identifier Code	2/3	ID	'PR' - Payer 'PE' - Payee
N102	Name	1/60	AN	Free-form name.
N103	Identification Code Qualifier	1/2	ID	'01' - Code designated by the system/method of code structure used for Identification Code.
N104	Identification Code	2/80	AN	The Payer should the customer's DUNS number. The Payee code should be '007919517' – SCEG DUNS number.

820 • Payment Order/Remittance Advice**Segment:** **ENT Entity****Level:** Detail**Purpose:** To designate the entities which are parties to a transaction and specify a reference meaningful to those entities.**Example:** ENT*1

Segment	Name	Min/Max Field Length	Type	Contents
ENT01	Assigned Number	1/6	N0	Only ENT01 is necessary because there is a single entity communicating with a single entity (sender to receiver.)

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Segment: **RMR Remittance** Advice Accounts Receivable Open Item
Reference

Level: Detail

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

Example: RMR*12*5189800007544*PO*5000

Segment	Name	Min/Max Field Length	Type	Contents
RMR01	Reference Identification Qualifier	2/3	ID	Code qualifying the Reference Identification. '12' - Billing Account.
RMR02	Reference ID	1/30	AN	The customer's 13-digit account number for their SCE&G service.
RMR03	Payment Action Code	2/2	ID	Code specifying the accounts receivable open item(s), if any, to be included in the cash application. 'AJ' - Adjustment 'PO' - Payment on Account
RMR04	Monetary Amount	1/18	R	Amount of payment.

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Segment: **REF Reference** Identification
Level: Detail
Purpose: To specify identifying information.
Example: REF*12*5189800007544

Segment	Name	Min/Max Field Length	Type	Contents
REF01	Reference ID Qualifier	2/3	ID	Code qualifying the Reference Identification. '12' - Billing Account.
REF02	Reference ID	1/30	AN	The customer's 13-digit account number for their SCE&G service.

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Segment: **DTM Date**/Time Reference
Level: Detail
Purpose: To specify pertinent dates and times.
Example: DTM*814*20030101

Segment	Name	Min/Max Field Length	Type	Contents
DTM01	Date/Time Qualifier	3/3	ID	Code specifying type of date or time, or both date and time. '003' - Invoice '809' - Posted '814' - Payment Due Date.
DTM02	Date	8/8	DT	CCYYMMDD.

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Segment	Name	Min/Max Field Length	Type	Contents
SE01	Number of Included Segments	1/10	N0	Total number of segments included in a transaction set, including ST and SE segments.
SE02	Transaction Set Control Number	4/9	AN	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.

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Segment: **GE Functional** Group Trailer
Level: Detail
Purpose: To indicate the end of the functional group and to provide control information.
Example: GE*1*0001

Segment	Name	Min/Max Field Length	Type	Contents
GE01	Number of Transaction Sets Included	1/6	N0	Total number of transaction sets included in the functional group terminated by the trailer containing this data element.
GE02	Group Control Number	1/9	N0	Assigned number originated and maintained by the sender. Note: the number in this trailer must be identical to the same data element in the associated functional group header, GS06.

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Segment: **IEA Interchange** Control Trailer
Level: Detail
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments.
Example: IEA*1* 000000002

Segment	Name	Min/Max Field Length	Type	Contents
IEA01	Number of included functional groups.	1/5	N0	Total number of functional groups included.
IEA02	Interchange Control Number	9/9	N0	Control number.