



CSX 820 Payment Order/Remittance Advice

CSX EDI 820 v. 4010

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Table of Contents

Payment Order/Remittance Advice 3

Interchange Control Header 5

Functional Group Header 7

Transaction Set Header 9

Beginning Segment for Payment Order/Remittance Advice 10

Note/Special Instruction 13

Trace 14

Reference Identification 15

Date/Time Reference 16

Name 17

Entity 18

Remittance Advice Accounts Receivable Open Item Reference 19

Date/Time Reference 20

Transaction Set Trailer 21

Functional Group Trailer 22

Interchange Control Trailer 23

Appendix 24

All Included Elements in All Included Segments 24

820 Examples

Pay via CSX Freight Bill Number26

Pay via CSX Waybill Number27

Pay via Shipper Bill of Lading Number (BOL)28

Pay via Equipment Initial & Equipment Number.....29

820

Payment Order/Remittance Advice

Functional Group=RA

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:

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

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1			Must use
030	NTE	Note/Special Instruction	M	>1			Used
035	TRN	Trace	O	1		C1/035	Used
050	REF	Reference Identification	O	>1			Used
060	DTM	Date/Time Reference	O	>1			Used

<u>LOOP ID - N1</u>			<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
070	N1	Name	O	1	>1	C1/070L	Must use

Detail:

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

Summary:

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

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control 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.
- 1/070 The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
- 2/010L ENT09 may contain the payee's accounts receivable customer number.
- 2/010 ENT09 may contain the payee's accounts receivable customer number.
- 2/150L Loop RMR is for open items being referenced or for payment on account.
- 2/150 Loop RMR is for open items being referenced or for payment on account.

ISA Interchange Control Header

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

User Option (Usage): Must use

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

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>
ISA01	I01	Authorization Information Qualifier Description: Code to identify the type of information in the Authorization Information All valid standard codes are used.	M	ID	2/2	Must use
ISA02	I02	Authorization Information 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)	M	AN	10/10	Must use
ISA03	I03	Security Information Qualifier Description: Code to identify the type of information in the Security Information All valid standard codes are used.	M	ID	2/2	Must use
ISA04	I04	Security Information 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)	M	AN	10/10	Must use
ISA05	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified All valid standard codes are used.	M	ID	2/2	Must use
ISA06	I06	Interchange Sender ID 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	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M	ID	2/2	Must use
		Code Name 02 SCAC (Standard Carrier Alpha Code)				
ISA08	I07	Interchange Receiver ID 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 CSX Note 1: For CSX Transportation use "CSXT"; for CSX Intermodal use "CSXI".	M	AN	15/15	Must use
ISA09	I08	Interchange Date Description: Date of the interchange	M	DT	6/6	Must use
ISA10	I09	Interchange Time Description: Time of the interchange	M	TM	4/4	Must use
ISA11	I10	Interchange Control Standards Identifier 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.	M	ID	1/1	Must use

ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments All valid standard codes are used.				
ISA13	I12	Interchange Control Number	M	NO	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.				
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.				
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

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						
		<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						
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
CSX Note 1: For CSX Transportation use "CSXT"; for CSX Intermodal use "CSXI".						
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.						
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						
		<u>Code</u>	<u>Name</u>			
		004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997			

Semantics:

- GS04 is the group date.
- GS05 is the group time.
- 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

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

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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
Description: Code uniquely identifying a Transaction Set						
		<u>Code</u>	<u>Name</u>			
		820	Payment Order/Remittance Advice			
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						
CSX Note 1: <i>This control number must match the Control Number in Element SE02.</i>						

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: 16

User Option (Usage): Must use

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BPR01	305	Transaction Handling Code	M	ID	1/2	Must use
Description: Code designating the action to be taken by all parties						
		<u>Code</u>	<u>Name</u>			
		C	Payment Accompanies Remittance Advice			
Description: This transaction includes both payment information and supplier remittance details.						
BPR02	782	Monetary Amount	M	R	1/18	Must use
Description: Monetary amount						
CSX Note 1: This is the net payment amount including all remittance items and adjustments as shown in the detail area. The calculation of BPR02 should be the sum of all RMR04 (net amount paid).						
BPR03	478	Credit/Debit Flag Code	M	ID	1/1	Must use
Description: Code indicating whether amount is a credit or debit						
		<u>Code</u>	<u>Name</u>			
		C	Credit			
Description: A credit to the receiver and a debit to the originator.						
BPR04	591	Payment Method Code	M	ID	3/3	Must use
Description: Code identifying the method for the movement of payment instructions						
		<u>Code</u>	<u>Name</u>			
		ACH	Automated Clearing House (ACH)			
BPR05	812	Payment Format Code	O	ID	1/10	Must use
Description: Code identifying the payment format to be used						
		<u>Code</u>	<u>Name</u>			
		CTX	Corporate Trade Exchange (CTX) (ACH)			
CSX Note 1: Used if BPR04 is "ACH".						
BPR06	506	(DFI) ID Number Qualifier	X	ID	2/2	OPTIONAL
Description: Code identifying the type of identification number of Depository Financial Institution (DFI)						
		<u>Code</u>	<u>Name</u>			
		01	ABA Transit Routing Number Including Check Digits (9 digits)			
BPR07	507	(DFI) Identification Number	X	AN	3/12	OPTIONAL
Description: Depository Financial Institution (DFI) identification number						
CSX Note 1: Contact your Treasury Management Sales Representative for the proper ABA Transit/Routing Number for your company's payment origination account. BPR07 is the equivalent of field 12 in the ACH Company/Branch Header Record, type 5. Field 12 contains the eight (8) identification digits but does NOT						

		<i>contain the check digit (digit 9).</i>				
BPR08	569	Account Number Qualifier	O	ID	1/3	OPTIONAL
		Description: Code indicating the type of account				
		<u>Code</u>		<u>Name</u>		
		DA		Demand Deposit		
BPR09	508	Account Number	X	AN	1/35	OPTIONAL
		Description: Account number assigned				
		CSX Note 1: <i>The Originator's account number.</i>				
BPR10	509	Originating Company Identifier	O	AN	10/10	Must use
		Description: 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				
		CSX Note 1: <i>This data element should be identical to the TRN03 element, Originating Company Identifier, of the TRN (Trace) segment. The preferred value is the originating company's D-U-N-S number. BPR10 is the equivalent of field 5, minus the first character, in the ACH Company/Batch Header Record, type 5. The ACH format allows for a maximum of ten (10) characters for this field. BPR10 also corresponds to field 7 in the ACH Company Batch Control Record, type 8.</i>				
BPR12	506	(DFI) ID Number Qualifier	X	ID	2/2	Must use
		Description: Code identifying the type of identification number of Depository Financial Institution (DFI)				
		<u>Code</u>		<u>Name</u>		
		01		ABA Transit Routing Number Including Check Digits (9 digits)		
BPR13	507	(DFI) Identification Number	X	AN	3/12	Must use
		Description: Depository Financial Institution (DFI) identification number				
		CSX Note 1: <i>This element contains Bank One's Transit Routing Number - 072000326.</i>				
BPR14	569	Account Number Qualifier	O	ID	1/3	Must use
		Description: Code indicating the type of account				
		<u>Code</u>		<u>Name</u>		
		DA		Demand Deposit		
BPR15	508	Account Number	X	AN	1/35	Must use
		Description: Account number assigned				
		CSX Note 1: <i>CSX Transportation's account number.</i>				
BPR16	373	Date	O	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
		CSX Note 1: <i>For ACH payments, this is the date the originator (the payer) instructs their financial institution to provide good funds to the receiver (the payee).</i>				
BPR17	1048	Business Function Code	O	ID	1/3	OPTIONAL
		Description: Code identifying the business reason for this payment				
		<u>Code</u>		<u>Name</u>		
		VEN		Vendor Payment		
		CSX Note 1: <i>If this transaction is for a vender payment, then "VEN" is assumed and the element is optional. If the transaction is for any other purpose, this element is mandatory. When "VEN" is used, only Table 2 positions 010 through 278 can be used to transmit vendor remittance information.</i>				

Syntax Rules:

1. P0607 - If either BPR06 or BPR07 is present, then the other is required.
2. C0809 - If BPR08 is present, then BPR09 is required.
3. P1213 - If either BPR12 or BPR13 is present, then the other is required.

4. C1415 - If BPR14 is present, then BPR15 is required.
5. P1819 - If either BPR18 or BPR19 is present, then the other is required.
6. C2021 - If BPR20 is present, then BPR21 is required.

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.
3. BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
4. BPR08 is a code identifying the type of bank account or other financial asset.
5. BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.
6. BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
7. BPR14 is a code identifying the type of bank account or other financial asset.
8. BPR15 is the account number of the receiving company to be debited or credited with the payment order.
9. BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).
10. BPR17 is a code identifying the business reason for this payment.
11. BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
12. BPR20 is a code identifying the type of bank account or other financial asset.

NTE Note/Special Instruction

Pos: 030	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

To transmit information in a free-form format, if necessary, for comment or special instruction

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>
NTE01	363	Note Reference Code	O	ID	3/3	Must use
Description: Code identifying the functional area or purpose for which the note applies						
		<u>Code</u>	<u>Name</u>			
		ZZZ	Mutually Defined			
		CSX Note 1:				
		<i>Sender's National Account Number in CSX's system. Assigned by CSX.</i>				
NTE02	352	Description	M	AN	1/80	Must use
Description: A free-form description to clarify the related data elements and their content						
CSX Note 1: <i>Sender's National Account Number assigned by CSX.</i>						

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

TRN Trace

Pos: 035	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

To uniquely identify a transaction to an application

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>
TRN01	481	Trace Type Code	M	ID	1/2	Must use

Description: Code identifying which transaction is being referenced

<u>Code</u>	<u>Name</u>
1	Current Transaction Trace Numbers

CSX Note 1:

Indicates that this is the trace segment for this transaction. Use of this code implies payment and remittance have not been separated. Used when BPR01 is "C".

TRN02	127	Reference Identification	M	AN	1/30	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

CSX Note 1: *This reference number uniquely identifies this payment order. This is a unique number within the originator/sender/receiver relationship and is assigned by the originator. When the payment and remittance are split, this number can be used for reassociation. If payment is made by check, this is the check number.*

TRN03	509	Originating Company Identifier	O	AN	10/10	Must use
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Description: 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

CSX Note 1: *This data element should be identical to the BPR10, Originating Company Identifier of the BPR (Beginning Segment for Payment Order/Remittance Advice) segment. The preferred value is the originating company's D-U-N-S number.*

TRN03 is the equivalent of field 5, minus the first character, in the ACH Company/Batch Header Record, type 5. The ACH format allows for a maximum of ten (10) characters for this field. BPR10 also corresponds to field 7 in the ACH Company Batch Control Record, type 8.

Semantics:

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

REF Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
		Code	Name			
		CK	Check Number			
REF02	127	Reference Identification	X	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
CSX Note 1: CSX processes only the first 8 bytes of this field.						

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DTM Date/Time Reference

Pos: 060	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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						
		<u>Code</u>	<u>Name</u>			
		020	Check			
CSX Note 1:						
<i>Required if REF01, position 50, equals "CK".</i>						
DTM02	373	Date	X	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

N1

Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

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

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>
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	Name			
		PE	Payee			
		PR	Payer			
N102	93	Name	X	AN	1/60	Must use
Description: Free-form name						
CSX Note 1: <i>If N101 = PR this is the free form name of the paying company originating the transaction.</i>						
<i>If N101 = PE this is the free form name of company receiving the payment - "CSX Transportation" or "CSX Intermodal".</i>						
N103	66	Identification Code Qualifier	X	ID	1/2	OPTIONAL
Description: Code designating the system/method of code structure used for Identification Code (67)						
		Code	Name			
		1	D-U-N-S Number, Dun & Bradstreet			
		92	Assigned by Buyer or Buyer's Agent			
N104	67	Identification Code	X	AN	2/80	OPTIONAL
Description: Code identifying a party or other code						
CSX Note 1: <i>If N101 = PR this is the paying company's identification number. This is normally the same as the originating company ID found in BRP10.</i>						
CSX Note 2: <i>If N101 = PE this is the receiving company's identification number. If the originator is using the BANK ONE payee profile data base, then N104 must be a unique supplier identification for the originator and must match the supplier ID on the BANK ONE data base.</i>						
<i>N104 is the equivalent of field 7 in the ACH Entry Detail Record, type 6. The ACH format allows for a maximum of fifteen (15) characters for this field.</i>						

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.
2. N105 and N106 further define the type of entity in N101.

ENT

Entity

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

User Option (Usage): Used

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

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>
ENT01	554	Assigned Number	O	NO	1/6	Must use

Description: Number assigned for differentiation within a transaction set
CSX Note 1: *In the single/single relationship, the ENT01 is used as a placeholder. No other data elements need be used. In this application, the Assigned Number is a number starting with 1 and incremented by 1 for each ENT loop in the transaction.*

Syntax Rules:

1. P020304 - If either ENT02, ENT03 or ENT04 are present, then the others are required.
2. P050607 - If either ENT05, ENT06 or ENT07 are present, then the others are required.
3. P0809 - If either ENT08 or ENT09 is present, then the other is required.

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).
3. (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.
4. (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.
5. (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.
6. This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

RMR Remittance Advice Accounts Receivable Open Item Reference

Pos: 150	Max: 1
Detail - Optional	
Loop: RMR	Elements: 3

User Option (Usage): Used

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

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>
RMR01	128	Reference Identification Qualifier	X	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
		<u>Code</u>	<u>Name</u>			
		BM	Bill of Lading Number			
		EQ	Equipment Number			
		FR	Freight Bill Number			
		IV	Seller's Invoice Number			
		WY	Waybill Number			
RMR02	127	Reference Identification	X	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
RMR04	782	Monetary Amount	O	R	1/18	Must use
Description: Monetary amount						
CSX Note 1: RMR04 is the net amount being paid inclusive of discounts and adjustments.						

Syntax Rules:

1. P0102 - If either RMR01 or RMR02 is present, then the other is required.
2. P0708 - If either RMR07 or RMR08 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.
3. RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.
4. RMR06 is the amount of discount taken.
5. RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.

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

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	Name			
		003	Invoice			
			CSX Note 1:			
			<i>Required if RMR01 = "IV".</i>			
		022	Freight Bill			
			CSX Note 1:			
			<i>Required if RMR01 = "FR".</i>			
		WAY	Waybill			
			CSX Note 1:			
			<i>Required if RMR01 = "WY" or "EQ".</i>			
DTM02	373	Date	X	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

SE Transaction Set Trailer

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

User Option (Usage): Must use

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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						
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.

GE

Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end 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>
GE01	97	Number of Transaction Sets Included	M	NO	1/6	Must use
Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	Group Control Number	M	NO	1/9	Must use
Description: Assigned number originated and maintained by the sender						

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA

Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

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>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use
Description: A count of the number of functional groups included in an interchange						
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
Description: A control number assigned by the interchange sender						

Appendix

All Included Elements in All Included Segments

<u>Id</u>	<u>Elements</u>	<u>Used in Segments</u>
28	Group Control Number	GE, GS
66	Identification Code Qualifier	N1
67	Identification Code	N1
93	Name	N1
96	Number of Included Segments	SE
97	Number of Transaction Sets Included	GE
98	Entity Identifier Code	N1
124	Application Receiver's Code	GS
127	Reference Identification	REF, RMR, TRN
128	Reference Identification Qualifier	REF, RMR
142	Application Sender's Code	GS
143	Transaction Set Identifier Code	ST
305	Transaction Handling Code	BPR
329	Transaction Set Control Number	SE, ST
337	Time	GS
352	Description	NTE
363	Note Reference Code	NTE
373	Date	BPR, DTM, GS
374	Date/Time Qualifier	DTM
455	Responsible Agency Code	GS
478	Credit/Debit Flag Code	BPR
479	Functional Identifier Code	GS
480	Version / Release / Industry Identifier Code	GS
481	Trace Type Code	TRN
506	(DFI) ID Number Qualifier	BPR
507	(DFI) Identification Number	BPR
508	Account Number	BPR
509	Originating Company Identifier	BPR, TRN
554	Assigned Number	ENT
569	Account Number Qualifier	BPR
591	Payment Method Code	BPR
782	Monetary Amount	BPR, RMR
812	Payment Format Code	BPR
1048	Business Function Code	BPR
101	Authorization Information Qualifier	ISA
102	Authorization Information	ISA
103	Security Information Qualifier	ISA
104	Security Information	ISA
105	Interchange ID Qualifier	ISA
106	Interchange Sender ID	ISA
107	Interchange Receiver ID	ISA
108	Interchange Date	ISA
109	Interchange Time	ISA
110	Interchange Control Standards Identifier	ISA
111	Interchange Control Version Number	ISA

I12	Interchange Control Number	IEA, ISA
I13	Acknowledgment Requested	ISA
I14	Usage Indicator	ISA
I15	Component Element Separator	ISA
I16	Number of Included Functional Groups	IEA

Examples

Pay via CSX Freight Bill Number

```

ISA*00**00**ZZ*820SENDER*02*CSXT*051021*1407*U*00405*000000311*0*P*>~
GS*SR*820SENDER*CSXI*20051021*1407*311*X*004010~
ST*820*123456789~
BPR*C*2469135.78*C*ACH*CTX*****1123123123**01*07200326*DA*12345678*20020615*VEN~
NTE*ZZZ*123456~
TRN*1*12356789123*3123123123~
REF*CK*12345678~
DTM*020*20051231~
N1*PE*CSX TRANSPORTATION*1*123456789012345~
N1*PR*PAYING COMPANY*1*123456789012345~
ENT*1~
RMR*IV*12345678**1234567.89~
DTM*003*20051231~
ENT*2~
RMR*IV*23456789**1234567.89~
DTM*003*20051230~
SE*15*123456789~
GE*1*311
IEA*1*000000311
    
```

Or

```

ISA*00**00**ZZ*820SENDER*02*CSXT*051021*1407*U*00405*000000311*0*P*>~
GS*SR*820SENDER*CSXI*20051021*1407*311*X*004010~
ST*820*123456789~
BPR*C*2469135.78*C*ACH*CTX*****1123123123**01*07200326*DA*12345678*20020615*VEN~
NTE*ZZZ*123456~
TRN*1*12356789123*3123123123~
REF*CK*12345678~
DTM*020*20051231~
N1*PE*CSX TRANSPORTATION*1*123456789012345~
N1*PR*PAYING COMPANY*1*123456789012345~
ENT*1~
RMR*FR*12345678**1234567.89~
DTM*022*20051231~
ENT*2~
RMR*FR*23456789**1234567.89~
DTM*022*20051230~
SE*15*123456789~
GE*1*311
IEA*1*000000311
    
```

Pay via CSX Waybill Number

ISA*00**00**ZZ*820SENDER*02*CSXT*051021*1407*U*00405*000000311*0*P*>~
GS*SR*820SENDER*CSXI*20051021*1407*311*X*004010~
ST*820*123456789~
BPR*C*2469135.78*C*ACH*CTX*****1123123123**01*07200326*DA*12345678*20020615*VEN~
NTE*ZZZ*123456~
TRN*1*12356789123*3123123123~
REF*CK*12345678~
DTM*020*20051231~
N1*PE*CSX TRANSPORTATION*1*123456789012345~
N1*PR*PAYING COMPANY*1*123456789012345~
ENT*1~
RMR*WY*123456**1234567.89~
DTM*WAY*20051231~
ENT*2~
RMR*WY*234567**1234567.89~
DTM*WAY*20051230~
SE*15*123456789~
GE*1*311
IEA*1*000000311

Pay via Shipper Bill of Lading Number (BOL)

ISA*00**00**ZZ*820SENDER*02*CSXT*051021*1407*U*00405*000000311*0*P*>~
GS*SR*820SENDER*CSXI*20051021*1407*311*X*004010~
ST*820*123456789~
BPR*C*2469135.78*C*ACH*CTX*****1123123123**01*07200326*DA*12345678*20020615*VEN~
NTE*ZZZ*123456~
TRN*1*12356789123*3123123123~
REF*CK*12345678~
DTM*020*20051231~
N1*PE*CSX TRANSPORTATION*1*123456789012345~
N1*PR*PAYING COMPANY*1*123456789012345~
ENT*1~
RMR*BM*123456789012345**1234567.89~
DTM*WAY*20051231~
ENT*2~
RMR*BM*234567890123456**1234567.89~
DTM*WAY*20051230~
SE*15*123456789~
GE*1*311
IEA*1*000000311

Pay via Equipment Initial & Equipment Number

ISA*00**00**ZZ*820SENDER*02*CSXT*051021*1407*U*00405*000000311*0*P*>~
GS*SR*820SENDER*CSXI*20051021*1407*311*X*004010~
ST*820*123456789~
BPR*C*2469135.78*C*ACH*CTX*****1123123123**01*07200326*DA*12345678*20020615*VEN~
NTE*ZZZ*123456~
TRN*1*12356789123*3123123123~
REF*CK*12345678~
DTM*020*20051231~
N1*PE*CSX TRANSPORTATION*1*123456789012345~
N1*PR*PAYING COMPANY*1*123456789012345~
ENT*1~
RMR*EQ*CSXT123456**1234567.89~
DTM*WAY*20051231~
ENT*2~
RMR*EQ*CSXT234567**1234567.89~
DTM*WAY*20051230~
SE*15*123456789~
GE*1*311
IEA*1*000000311