ASAP PAYMENT FORMATS - ASAP 820 IMPLEMENTATION CONVENTION

820 Payment Order/Remittance Advice
for ASAP Payments

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.

Notes:

1. This is the current standard for Federal Domestic Assistance payments made via the Automated Standard Application for Payments (ASAP) system of the Financial Management Service, US Treasury.

2. The total payment amount in one 820 transaction set represents the total amount paid to one Payment Requestor on behalf of one or more Federal Program Agencies for distribution to one or more Recipient Organizations.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	ST	Transaction Set Header	M	1		
	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	>1		
	035	TRN	Trace	O	1		c1
Not Used	040	CUR	Currency	O	1		c2
	050	REF	Reference Numbers	O	>1		
Not Used	060	DTM	Date/Time/Period	O	>1		
			LOOP ID - N1			>1	
	070	N1	Name	O	1		c3
Not Used	080	N2	Additional Name Information	O	>1		
Not Used	090	N3	Address Information	O	>1		
Not Used	100	N4	Geographic Location	O	1		
Not Used	110	REF	Reference Numbers	O	>1		
Not Used	120	PER	Administrative Communications Contact	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - ENT			>1	
	010	ENT	Entity	O	1		c4
			LOOP ID - N1			>1	
	020	N1	Name	O	1		c5
Not Used	030	N2	Additional Name Information	O	>1		
Not Used	040	N3	Address Information	O	>1		
Not Used	050	N4	Geographic Location	O	1		
Not Used	060	REF	Reference Numbers	O	>1		
Not Used	070	PER	Administrative Communications Contact	O	>1		
			LOOP ID - ADX			>1	
Not Used	080	ADX	Adjustment	O	1		c6
Not Used	090	NTE	Note/Special Instruction	O	>1		
Not Used	100	PER	Administrative Communications Contact	O	>1		
Not Used	105	DTM	Date/Time/Period	O	1		
			LOOP ID - REF			>1	
Not Used	110	REF	Reference Numbers	O	1		
Not Used	120	DTM	Date/Time/Period	O	>1		
			LOOP ID - IT1			>1	
Not Used	130	IT1	Baseline Item Data (Invoice)	O	1		c7
			LOOP ID - REF			>1	
Not Used	140	REF	Reference Numbers	O	1		
Not Used	141	DTM	Date/Time/Period	O	1		
			LOOP ID - ITA			>1	
Not Used	142	ITA	Allowance, Charge or Service	O	1		
Not Used	143	TXI	Tax Information	O	>1		
			LOOP ID - SLN			>1	
Not Used	144	SLN	Subline Item Detail	O	1		
			LOOP ID - REF			>1	
Not Used	145	REF	Reference Numbers	O	1		
Not Used	146	DTM	Date/Time/Period	O	>1		
			LOOP ID - ITA			>1	
Not Used	147	ITA	Allowance, Charge or Service	O	1		
Not Used	148	TXI	Tax Information	O	>1		

			LOOP ID - RMR			>1	
	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		c8
Not Used	160	NTE	Note/Special Instruction	O	>1		
	170	REF	Reference Numbers	O	>1		
Not Used	180	DTM	Date/Time/Period	O	>1		
			LOOP ID - IT1			>1	
	190	IT1	Baseline Item Data (Invoice)	O	1		c9
			LOOP ID - REF			>1	
Not Used	200	REF	Reference Numbers	O	1		
Not Used	201	DTM	Date/Time/Period	O	1		
			LOOP ID - ITA			>1	
Not Used	202	ITA	Allowance, Charge or Service	O	1		
Not Used	203	TXI	Tax Information	O	>1		
			LOOP ID - SLN			>1	
Not Used	204	SLN	Subline Item Detail	O	1		
			LOOP ID - REF			>1	
Not Used	205	REF	Reference Numbers	O	1		
Not Used	206	DTM	Date/Time/Period	O	>1		
			LOOP ID - ITA			>1	
Not Used	207	ITA	Allowance, Charge or Service	O	1		
Not Used	208	TXI	Tax Information	O	>1		
			LOOP ID - ADX			>1	
Not Used	210	ADX	Adjustment	O	1		c10
Not Used	220	NTE	Note/Special Instruction	O	>1		
Not Used	230	PER	Administrative Communications Contact	O	>1		
			LOOP ID - REF			>1	
Not Used	240	REF	Reference Numbers	O	1		
Not Used	250	DTM	Date/Time/Period	O	>1		
			LOOP ID - IT1			>1	
Not Used	260	IT1	Baseline Item Data (Invoice)	O	1		c11
			LOOP ID - REF			>1	
Not Used	270	REF	Reference Numbers	O	1		
Not Used	271	DTM	Date/Time/Period	O	1		
			LOOP ID - ITA			>1	

Not Used	272	ITA	Allowance, Charge or Service	O	1	
Not Used	273	TXI	Tax Information	O	>1	
			LOOP ID - SLN		>1	
Not Used	274	SLN	Subline Item Detail	O	1	
			LOOP ID - REF		>1	
Not Used	275	REF	Reference Numbers	O	1	
Not Used	276	DTM	Date/Time/Period	O	>1	
			LOOP ID - ITA		>1	
Not Used	277	ITA	Allowance, Charge or Service	O	1	
Not Used	278	TXI	Tax Information	O	>1	
			LOOP ID - TXP		>1	
Not Used	280	TXP	Tax Payment	O	1	
Not Used	285	TXI	Tax Information	O	>1	
			LOOP ID - LX		>1	
Not Used	290	LX	Assigned Number	O	1	
Not Used	295	REF	Reference Numbers	O	>1	
Not Used	300	TRN	Trace	O	>1	
			LOOP ID - NM1		>1	
Not Used	305	NM1	Individual or Organizational Name	O	1	
Not Used	310	REF	Reference Numbers	O	>1	
Not Used	315	G53	Maintenance Type	O	1	
			LOOP ID - AIN		>1	
Not Used	320	AIN	Income	O	1	
Not Used	325	QTY	Quantity	O	>1	
Not Used	330	DTP	Date or Time or Period	O	>1	
			LOOP ID - PEN		>1	
Not Used	335	PEN	Pension Information	O	1	
Not Used	340	AMT	Monetary Amount	O	>1	
Not Used	345	DTP	Date or Time or Period	O	>1	
			LOOP ID - INV		>1	
Not Used	350	INV	Investment Vehicle Selection	O	1	
Not Used	355	DTP	Date or Time or Period	O	>1	

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
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 CUR segment does not initiate a foreign exchange transaction.

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

4.   ENT09 may contain the payee's accounts receivable customer number.

5.   Allowing the N1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).

6.   This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.

7.   Loop IT1 within the ADX loop is the adjustment line item detail loop.

8.   Loop RMR is for open items being referenced or for payment on account.

9.   Loop IT1 within the RMR loop is the remittance line item detail loop.

10.   This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).

11.   Loop IT1 within the ADX loop is the adjustment line item detail loop.

Segment: $\mathbf{ST}$ **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
Notes:
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

Ref. Des.	Data Element	Name	Attributes		
>> ST01	143	**Transaction Set Identifier Code**	M	ID	3/3
		Code uniquely identifying a Transaction Set.			
		820 X12.4 Payment Order/Remittance Advice			
>> ST02	329	**Transaction Set Control Number**	M	AN	4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
		1) Contains the Entry Detail Sequence portion of the ACH Trace Number (7 positions).			
		2) Assigned by the Federal Reserve Bank of Richmond.			

	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
	Notes:	

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.
	5	If either BPR18 or BPR19 is present, then the other is required.
	6	If BPR20 is present, then BPR21 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 the this payment.
	6	BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**BPR01**	**305**	**Transaction Handling Code**	**M ID 1/1**
			Code designating the action to be taken by all parties.	
			C Payment Accompanies Remittance Advice	
>>	**BPR02**	**782**	**Monetary Amount**	**M R 1/15**
			Monetary amount.	
			1. Total payment amount to be credited to the Payment Requestor's account at the receiving financial institution. Equal to the ACH entry detail total transaction amount.	
			2. A decimal point is required when the amount is in dollars and cents. Total payment amount cannot exceed eleven characters (including the decimal) when converted to NACHA format, e.g., 99999999.99.	
>>	**BPR03**	**478**	**Credit/Debit Flag Code**	**M ID 1/1**
			Code indicating whether amount is a credit or debit	

			C		Credit			

>>	**BPR04**	**591**	**Payment Method Code**			M	ID	3/3

Code identifying the method for the movement of payment instructions

       ACH   Automated Clearing House (ACH)

>>	**BPR05**	**812**	**Payment Format Code**			O	ID	1/10

Code identifying the payment format to be used.

       CTX   Corporate Trade Exchange (CTX) (ACH)

>>	**BPR06**	**506**	**(DFI) ID Number Qualifier**			X	ID	2/2

Code identifying the type of identification number of Depository Financial Institution (DFI).

Pertains to Originating DFI.

       01   ABA Transit Routing Number Including Check Digits (9 digits)

>>	**BPR07**	**507**	**(DFI) Identification Number**			X	AN	3/12

Depository Financial Institution (DFI) identification number.

Identifies the organization originating the payment, in this case, ASAP. Contains the ASAP ABA Number (05103680-3).

X	**BPR08**	**896**	**Account Number Qualifier Code**			O	ID	2/2

Code indicating type of bank account or other financial asset

X	**BPR09**	**508**	**Account Number**			X	AN	1/35

Account number assigned.

>>	**BPR10**	**509**	**Originating Company Identifier**			O	AN	10/10

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.

1. Identifies ASAP as the originating company.

2. Contains the 9-digit ABA Number for ASAP preceded by the number "9" to indicate a user assigned identifier.

X	**BPR11**	**510**	**Originating Company Supplemental Code**			O	AN	9/9

A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions.

>>	**BPR12**	**506**	**(DFI) ID Number Qualifier**			X	ID	2/2

Code identifying the type of identification number of Depository Financial Institution (DFI).

Pertains to the Receiving DFI.

       01   ABA Transit Routing Number Including Check Digits (9 digits)

>>	**BPR13**	**507**	**(DFI) Identification Number**	**X**	**AN**	**3/12**

Depository Financial Institution (DFI) identification number.

1. Identifies the receiving DFI.

2. Contains the 9-digit ABA Number for the Payment Requestor's ACH DFI as indicated in the ASAP Payment Requestor Profile.

>>	**BPR14**	**896**	**Account Number Qualifier Code**	**O**	**ID**	**2/2**

Code indicating type of bank account or other financial asset

1. Identifies the type of account at the ACH DFI indicated in the Payment Requestor Profile.

2. BPR15 identifies the account number.

DA	Demand Deposit
SG	Savings

>>	**BPR15**	**508**	**Account Number**	**X**	**AN**	**1/35**

Account number assigned.

Identifies the Payment Requestor's ACH bank account to be credited.

>>	**BPR16**	**513**	**Effective Entry Date**	**O**	**DT**	**6/6**

Date the originating company intends for the transaction to be settled.

Indicates the Settlement Date in YYMMDD format.

X	**BPR17**	**1048**	**Business Function Code**	**O**	**ID**	**1/3**

Code identifying the business reason for this payment

X	**BPR18**	**506**	**(DFI) ID Number Qualifier**	**X**	**ID**	**2/2**

Code identifying the type of identification number of Depository Financial Institution (DFI).

X	**BPR19**	**507**	**(DFI) Identification Number**	**X**	**AN**	**3/12**

Depository Financial Institution (DFI) identification number.

X	**BPR20**	**896**	**Account Number Qualifier Code**	**O**	**ID**	**2/2**

Code indicating type of bank account or other financial asset

X	**BPR21**	**508**	**Account Number**	**X**	**AN**	**1/35**

Account number assigned.

Segment:	**TRN** Trace
Position:	**035**
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To uniquely identify a transaction to an application.
Notes:	This segment must be used in each ASAP 820. It allows for identification of the transaction sets for tracking purposes.
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:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
>>	**TRN01**	**481**	**Trace Type Code**		M	ID	1/2

Code identifying which transaction is being referenced.

Pertains to the ACH Trace Number.

	1	Current Transaction Trace Numbers

	Ref. Des.	Data Element	Name		Attributes		
>>	**TRN02**	**127**	**Reference Number**		M	AN	1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. Contains the ACH Trace Number.

2. Must contain all 15 positions to conform to NACHA format for identification of the transaction set within the banking community.

	Ref. Des.	Data Element	Name		Attributes		
X	**TRN03**	**509**	**Originating Company Identifier**		O	AN	10/10

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.

	Ref. Des.	Data Element	Name		Attributes		
X	**TRN04**	**127**	**Reference Number**		O	AN	1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	**REF** Reference Numbers			
Position:	**050**			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify identifying numbers.			
Notes:	This segment must be used at least once but not more than twice in each transaction set.			

One occurrence of this REF segment must contain the partial ASAP Sequence Number, which identifies the transaction within ASAP. This occurrence is required.

The other occurrence is optional. It contains the Requestor Reference Number, an optional data element in ASAP for use at the Payment Requestor's discretion.
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Syntax Notes: **1**   At least one of REF02 or REF03 is required.

Semantic Notes:

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**REF01**	**128**	**Reference Number Qualifier**	**M**	**ID**	**2/2**

Code qualifying the Reference Number.

	55	Sequence Number
		Used for the required partial ASAP Sequence Number.
	EM	Electronic Payment Reference Number
		Used for the optional Requestor Reference Number.

	Ref. Des.	Data Element	Name	Attributes		
>>	**REF02**	**127**	**Reference Number**	**X**	**AN**	**1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. When REF01 is 55, this element contains first four portions of the ASAP Sequence Number (Payment Request Date, Input Endpoint, Screen Sequence Number, and Payment Request Timestamp). (29 positions). The Payment Request Item Number is not included.

2. When REF01 is EM, this element contains the Requestor Reference Number. (15 positions).

	Ref. Des.	Data Element	Name	Attributes		
X	**REF03**	**352**	**Description**	**X**	**AN**	**1/80**

A free-form description to clarify the related data elements and their content.

Segment:	**N1** Name
Position:	**070**
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name and code
Notes:	This N1 loop must be repeated twice.

One iteration must identify the Payee - i.e., the Payment Requestor.

The other iteration must identify the Payer - i.e., ASAP.

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

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
>>	**N101**	98	**Entity Identifier Code**	M	ID	2/2

Code identifying an organizational entity, a physical location, or an individual

PE	Payee
	The Payment Requestor receiving the funds.
PR	Payer
	The ASAP system.

	Ref.					
>>	**N102**	93	**Name**	X	AN	1/35

Free-form name.

1. If N101 is code PE, this element contains the Payment Requestor Short Name as defined in the Payment Requestor Profile. (10 positions).

2. If N101 is code PR, this element contains the literal, "Treasury/FMS-ASAP".

	N103	66	**Identification Code Qualifier**	X	ID	1/2

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

1. If N101 is code PE, this element is required.

2. If N101 is code PR, this element is not used.

93	Code assigned by the organization originating the transaction set

N104   **67**   **X**   **AN**   **2/17**

Code identifying a party or other code.

1. If N101 is code PE, this element is required and contains the Payment Requestor ID defined in ASAP (7 positions).

2. If N101 is code PR, this element is not used.

X   **N105**   **706**   **Entity Relationship Code**   **O**   **ID**   **2/2**

Code describing entity relationship.

X   **N106**   **98**   **Entity Identifier Code**   **O**   **ID**   **2/2**

Code identifying an organizational entity, a physical location, or an individual

Segment:	**ENT** Entity
Position:	**010**
Loop:	ENT
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
Notes:	Identifies a Recipient Organization / Federal Program Agency combination. At least one ENT loop is required per transaction set.

There will be one or more RO/FPA combinations within a single payment transaction to a Payment Requestor, and each RO/FPA combination will be represented by one ENTITY loop within the 820 transaction set. There will be one or more RMR loops within each ENTITY loop, where each RMR loop refers to a single ASAP account. The presence of only one RMR in an 820 indicates an individual payment, and multiple RMRs indicate a summary payment.

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

	Ref. Des.	Data Element	Name	Attributes		
X	ENT01	554	Assigned Number	O	N0	1/6
			Number assigned for differentiation within a transaction set.			

| >> | ENT02 | 98 | Entity Identifier Code | X | ID | 2/2 |

Code identifying an organizational entity, a physical location, or an individual

Indicates that the sending sub-entity is a Federal Program Agency,

| | 2R | Federal Facility |

| >> | ENT03 | 66 | Identification Code Qualifier | X | ID | 1/2 |

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

Indicates the type of ID code of the sending sub-entity.

| | ZZ | Mutually Defined |

| >> | ENT04 | 67 | Identification Code | X | AN | 2/17 |

Code identifying a party or other code.

Contains the required Agency Location Code (ALC) (8 positions) and the optional Region (2 positions).

| >> | ENT05 | 98 | Entity Identifier Code | X | ID | 2/2 |

Code identifying an organizational entity, a physical location, or an individual

Indicates that the receiving sub-entity is the Recipient Organization.

| | MA | Party for whom Item is Ultimately Intended |

| >> | ENT06 | 66 | Identification Code Qualifier | X | ID | 1/2 |

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

Indicates the type of ID of the receiving sub-entity.

| | 93 | Code assigned by the organization originating the transaction set |

| >> | ENT07 | 67 | Identification Code | X | AN | 2/17 |

Code identifying a party or other code.

Contains the Recipient Organization ID as defined within ASAP (7 positions). Identifies the organization granted Federal funds.

| X | ENT08 | 128 | Reference Number Qualifier | X | ID | 2/2 |

Code qualifying the Reference Number.

| X | ENT09 | 127 | Reference Number | X | AN | 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Segment:	**N1** Name
	Position:	**020**
	Loop:	N1
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To identify a party by type of organization, name and code
	Notes:	This N1 loop must be repeated twice within each ENTITY loop.

One iteration must identify the Federal Program Agency granting the funds (the sending sub-entity).

The other iteration must identify the Recipient Organization which ultimately receives the Federal funds (the receiving sub-entity).

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

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
>>	**N101**	**98**	**Entity Identifier Code**		M	ID	2/2

Code identifying an organizational entity, a physical location, or an individual

1. Indicates the type of sending or receiving sub-entity.

2. For the sending sub-entity (the Federal Program Agency), the value of this element must equal the value of element ENT02.

3. For the receiving sub-entity (the Recipient Organization), the value of this element must equal the value of element ENT05.

	2R	Federal Facility
		Federal Program Agency
	MA	Party for whom Item is Ultimately Intended
		Recipient Organization

	Ref. Des.	Data Element	Name		Attributes		
>>	**N102**	**93**	**Name**		X	AN	1/35

Free-form name.

1. If N101 is code 2R, this element contains the Federal Program Agency's short name as indicated in its ASAP Profile (10 positions).

2. If N101 is code MA, this element contains the Recipient Organization's short name as indicated in its ASAP Profile (10 positions).

| X | N103 | 66 | **Identification Code Qualifier** | X | ID | 1/2 |

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

| X | N104 | 67 | **Identification Code** | X | AN | 2/17 |

Code identifying a party or other code.

| X | N105 | 706 | **Entity Relationship Code** | O | ID | 2/2 |

Code describing entity relationship.

| X | N106 | 98 | **Entity Identifier Code** | O | ID | 2/2 |

Code identifying an organizational entity, a physical location, or an individual

Segment:	**RMR** Remittance Advice Accounts Receivable Open Item Reference				
Position:	**150**				
Loop:	RMR				
Level:	Detail				
Usage:	Optional				
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				
Notes:	There is one RMR loop for each payment request against an ASAP account. There must be at least one RMR loop within each ENTITY loop.				

Syntax Notes:	**1**	If either RMR01 or RMR02 is present, then the other is required.
Semantic Notes:	**1**	If RMR03 is present, it specifies how the cash is to be applied.
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	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

	Ref. Des.	Data Element	Name		Attributes		
>>	**RMR01**	**128**	**Reference Number Qualifier**		X	ID	2/2
			Code qualifying the Reference Number.				
			11	Account Number			
				Number identifies a telecommunications industry account			
>>	**RMR02**	**127**	**Reference Number**		X	AN	1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
			Contains the ASAP Account ID (20 positions).				
X	**RMR03**	**482**	**Payment Action Code**		O	ID	2/2
			Code specifying the type of accounts receivable open item(s) to be included in a cash application.				
>>	**RMR04**	**782**	**Monetary Amount**		O	R	1/15
			Monetary amount.				
			The actual payment for the request against the ASAP Account ID in RMR02 for the Recipient Organization in ENT07 from the Federal Program Agency in ENT04.				

>>	**RMR05**	**777**	**Total Invoice or Credit/Debit Amount**	**O**	**R**	**1/15**

Amount of Invoice (including charges, less allowances) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.

Contains the amount requested from the ASAP Account in RMR02 for the Recipient Organization in ENT07 from the Federal Program Agency in ENT04.

X	**RMR06**	**780**	**Amount of Discount Taken**	**O**	**R**	**1/15**

Amount of discount taken, which may be less than or equal to the amount of discount permitted

Segment:	**REF** Reference Numbers
Position:	**170**
Loop:	RMR
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying numbers.
Notes:	This REF segment must appear at least once but no more than twice for each RMR loop.

One occurrence of this REF segment must contain the Payment Request Item Number portion of the ASAP Sequence Number. This occurrence is required.

The other occurrence is optional. It contains the Catalog of Federal Domestic Assistance (CFDA) number, an optional data element in ASAP.

Syntax Notes: 1 At least one of REF02 or REF03 is required.

Semantic Notes:

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**REF01**	128	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

IX	Item Number	
	Indicates that the Payment Request Item Number follows.	
ZZ	Mutually Defined	
	Indicates that the CFDA Number follows.	

	Ref. Des.	Data Element	Name	Attributes
>>	**REF02**	127	**Reference Number**	**X AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. If REF01 is code IX, this element contains the Payment Request Item Number portion of the ASAP Sequence Number (6 positions).

2. If REF01 is code ZZ, this element contains the Catalog of Federal Domestic Assistance (CFDA) number (5 positions).

	Ref. Des.	Data Element	Name	Attributes
X	**REF03**	352	**Description**	**X AN 1/80**

A free-form description to clarify the related data elements and their content.

Segment:	**IT1** Baseline Item Data (Invoice)			
Position:	**190**			
Loop:	IT1			
Level:	Detail			
Usage:	Optional			
Max Use:	1			

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions.

Notes: There is one IT1 loop for each payment request against a Recipient Remittance Code under an ASAP account. If there are multiple requests from Recipient Remittance Codes under one ASAP account, the IT1 loop repeats as necessary within a single RMR loop. IT1 loops should not appear in an RMR loop if the ASAP Account ID is the lowest level of detail within a payment request.

Syntax Notes:
1. If IT106 is present, then IT107 is required.
2. If IT108 is present, then IT109 is required.
3. If IT110 is present, then IT111 is required.
4. If IT112 is present, then IT113 is required.
5. If IT114 is present, then IT115 is required.
6. If IT116 is present, then IT117 is required.
7. If IT118 is present, then IT119 is required.
8. If IT120 is present, then IT121 is required.
9. If IT122 is present, then IT123 is required.
10. If IT124 is present, then IT125 is required.

Semantic Notes:
1. IT101 is the purchase order line item identification.

Comments:
1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.
2. IT106 through IT125 provides for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	**IT101**	350	**Assigned Identification**	O	AN	1/11
			Alphanumeric characters assigned for differentiation within a transaction set.			
>>	**IT102**	358	**Quantity Invoiced**	M	R	1/10
			Number of units invoiced (supplier units).			
			This field is always equal to 1.			
>>	**IT103**	355	**Unit or Basis for Measurement Code**	M	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			DQ Data Records			
			Number of Data Records handled			
>>	**IT104**	212	**Unit Price**	M	R	1/14
			Price per unit of product, service, commodity, etc.			
			The amount of the payment request at the Recipient Remittance Code level.			

| X | IT105 | 639 | **Basis of Unit Price Code** | O | ID | 2/2 |

Code identifying the type of unit price for an item.

| >> | IT106 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

        A3   Locally Assigned Control Number

                Item identifier is a locally assigned control number used to catalog and manage material

| >> | IT107 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.
Contains the Recipient Remittance Code.

| X | IT108 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Refer to 003040 Data Element Dictionary for acceptable code values.

| X | IT109 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.

| X | IT110 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Refer to 003040 Data Element Dictionary for acceptable code values.

| X | IT111 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.

| X | IT112 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Refer to 003040 Data Element Dictionary for acceptable code values.

| X | IT113 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.

| X | IT114 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Refer to 003040 Data Element Dictionary for acceptable code values.

| X | IT115 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.

| X | IT116 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Refer to 003040 Data Element Dictionary for acceptable code values.

| X | IT117 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.

| X | IT118 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Refer to 003040 Data Element Dictionary for acceptable code values.

| X | IT119 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.

| X | IT120 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Refer to 003040 Data Element Dictionary for acceptable code values.

| X | IT121 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.

| X | IT122 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Refer to 003040 Data Element Dictionary for acceptable code values.

| X | IT123 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.

| X | IT124 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Refer to 003040 Data Element Dictionary for acceptable code values.

| X | IT125 | 234 | **Product/Service ID** | X | AN | 1/30 |

Identifying number for a product or service.

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).
Notes:
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> SE01	96	**Number of Included Segments**	M	N0	1/10
		Total number of segments included in a transaction set including ST and SE segments.			
>> SE02	329	**Transaction Set Control Number**	M	AN	4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
		Contains the Entry Detail Sequence portion of the ACH Trace Number (7 positions). Must equal the value in element ST02.			