ASAP PAYMENT FORMATS

MAPPING FOR ASAP CTX ADDENDA
X12 820 - VERSION 3040

-----------[INTERCHANGE ENVELOPE]-----------

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
	--ISA INTERCHANGE CONTROL HEADER (MANDATORY)--		
ISA01	Authorization Information Qualifier	00	MANDATORY. Code for "No Authorization Information present."
ISA02	Authorization Information	[10 spaces]	MANDATORY.
ISA03	Security Information Qualifier	00	MANDATORY. Code for "No Security Information present."
ISA04	Security Information	[10 spaces]	MANDATORY.
ISA05	Interchange ID Qualifier	17	MANDATORY. Code for ABA Number.
ISA06	Interchange Sender ID	[ASAP's ABA Number]	MANDATORY. Right-justified.
ISA07	Interchange ID Qualifier	ZZ	MANDATORY. Code for "Mutually defined".
ISA08	Interchange Receiver ID	[ASAP Requestor ID]	MANDATORY. Seven positions, right-justified.

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           -----------[INTERCHANGE ENVELOPE]-----------

DATA            DATA ELEMENT NAME              VALUE               COMMENTS
ELEMENT


ISA09           Interchange Date               [Interchange Message
                                                Date]              MANDATORY.  Date of the
                                                                   transmission, YYMMDD format.


ISA10           Interchange Time               [Interchange Time]  MANDATORY.  Time of the
                                                                   transmission, HHMM format.


ISA11           Interchange Control Standards
                 Identifier                    U                   MANDATORY.  Code for "U.S. EDI
                                                                   Community of ASC X12, TDCC, and
                                                                   UCS".


ISA12           Interchange Control Version
                 Number                        00304               MANDATORY.  Indicates Version
                                                                   003040 of the standards.


IEA13           Interchange Control Number            [7-byte sequence
                                                portion of ACH Trace
                                                Number left-padded
                                                with zeroes]        MANDATORY.  Must = IEA02.


ISA14           Acknowledgment Requested       0                   MANDATORY.  Code for "No
                                                                   acknowledgment requested".


ISA15           Test Indicator                 P                   MANDATORY.  Code for "Production
                                                                   Data".


ISA16           Subelement Separator           ~ [Tilde]           MANDATORY.
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-----------[FUNCTIONAL GROUP ENVELOPE]-----------

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS

--GS FUNCTIONAL GROUP HEADER (MANDATORY)--

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
GS01	Functional Identifier Code	RA	MANDATORY. Code for "Payment Order/ Remittance Advice (820)".
GS02	Application Sender's Code	[ASAP's ABA]	MANDATORY.
GS03	Application Receiver's Code	[ASAP Requestor ID]	MANDATORY. The Payment Requestor's ID in ASAP (7 positions).
GS04	Date	[YYMMDD]	MANDATORY.
GS05	Time	[HHMMSS]	MANDATORY.
GS06	Group Control Number	[7-byte sequence portion of ACH Trace Number]	MANDATORY. Must = GE02.
GS07	Responsible Agency Code	X	MANDATORY. Code for ASC X12.
GS08	Version/ Release/ Industry Identifier Code	003040	MANDATORY. Indicates version and release of the ANSI X12 standards being used.

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             ----------[START 820 TRANSACTION SET]----------

                   TABLE 1 - HEADER (PAYMENT INFORMATION)

DATA         DATA ELEMENT NAME            VALUE                  COMMENTS
ELEMENT
_____      _____          _____                  _____


                 --ST TRANSACTION SET HEADER (MANDATORY)--

ST01         Transaction Set Identifier Code   820               MANDATORY.

ST02         Transaction Set Control Number   [7-byte sequence portion
                                                of ACH Trace Number]   MANDATORY.  Internal control
                                                                       number for the originator.


         --BPR BEGINNING SEGMENT FOR PAYMENT ORDER/REMITTANCE ADVICE (MANDATORY)--

BPR01        Transaction Handling Code    C                      MANDATORY.  Code for "Payment
                                                                 accompanies remittance advice."

BPR02        Monetary Amount              [ACH Transaction Total
                                           Amount]               MANDATORY.  Total payment amount
                                                                 to be credited to Payment
                                                                 Requestor's account.

BPR03        Credit/Debit Flag Code       C                      MANDATORY.  Code for "credit".

BPR04        Payment Method Code          ACH                    MANDATORY.  Code for "Automated
                                                                 Clearing House"

BPR05        Payment Format Code          CTX                    REQUIRED.  Code for "Corporate
                                                                 Trade Exchange"
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TABLE 1 - HEADER (PAYMENT INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
BPR06	(DFI) ID Number Qualifier	01	REQUIRED. Code for type of identifier for originating DFI (= ABA Routing Transit Number including Check Digits.)
BPR07	(DFI) Identification Number	[ASAP's RTN]	REQUIRED. Identifies the office making the payment, in this case, ASAP.
BPR08	Account Number Qualifier		NOT USED. Type of payer account.
BPR09	Account Number		NOT USED. Payer account number.
BPR10	Originating Company Identifier	9[+ ASAP RTN]	REQUIRED. Identifies ASAP as the originating company.
BPR11	Originating Company Supp. Code		NOT USED.
BPR12	(DFI) ID Number Qualifier	01	REQUIRED. Code for type of identifier for receiving DFI (ABA Routing Transit Number).
BPR13	(DFI) Identification Number	[RTN for Receiving DFI]	REQUIRED. Routing Transit Number for the Payment Requestor's ACH DFI as indicated in the Payment Requestor Profile. This is where funds will be deposited.

TABLE 1 - HEADER (PAYMENT INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
BPR14	Account Number Qualifier	DA or SG	REQUIRED. Type of account for Payment Requestor at the ACH DFI indicated in the profile. DA = code for "demand deposit", SG = code for "savings".
BPR15	Account Number	[Account Number at Receiving DFI]	REQUIRED. Indicates the Payment Requestor's account number to be credited.
BPR16	Effective Entry Date	[Settlement Date]	REQUIRED. Date funds transfer is to become effective (YYMMDD).
BPR17-21			NOT USED.

--TRN TRACE (REQUIRED)--

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
TRN01	Trace Type Code	1	REQUIRED. Code for "current transaction trace number".
TRN02	Reference Number [1/30]	[ACH Transaction Trace Number]	REQUIRED. Use all 15 positions to conform to NACHA format for identification of the transaction set within the banking community.

TABLE 1 - HEADER (PAYMENT INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS

--REF REFERENCE NUMBERS (REQUIRED)--

| REF01 | Reference Number Qualifier | 55 | REQUIRED. Code for "Sequence Number". |
| REF02 | Reference Number [1/30] | [ASAP Sequence Number without the Item #] | REQUIRED. Consists of the Payment Request Date, Input Endpoint, Screen Sequence Number, and Payment Request IMAD time (total of 29 positions). Excludes the Payment Request Item Number. |

--REF REFERENCE NUMBERS (OPTIONAL)--

| REF01 | Reference Number Qualifier | EM | REQUIRED if this segment is used. Code for "Electronic Payment Reference Number". |
| REF02 | Reference Number [1/30] | [ASAP Requestor Reference Number] | REQUIRED if this segment is used. An optional field in ASAP for use at the requestor's discretion. (15 positions) |

TABLE 1 - HEADER (PAYMENT INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS

[Start loop for PAYEE (the Payment Requestor)]

--N1 NAME (REQUIRED)--

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
N101	Entity Identifier Code	PE	MANDATORY. Code for "payee".
N102	Name	[Payment Requestor Short Name]	REQUIRED. Payment Requestor's Short Name as shown in profile. (10 positions)
N103	Identification Code Qualifier	93	REQUIRED. Code for "code assigned by the organization originating the transaction set."
N104	Identification Code	[Payment Requestor ID]	REQUIRED. Unique Payment Requestor ID as defined within ASAP. (7 positions)

[End loop for PAYEE (the Payment Requestor)]

TABLE 1 - HEADER (PAYMENT INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
		[Start loop for PAYER (ASAP)]	
		--N1 NAME (REQUIRED)--	
N101	Entity Identifier Code	PR	MANDATORY. Code for "payer".
N102	Name [1/35]	TREASURY FMS-ASAP	REQUIRED. Free form name.
N103	Identification Code Qualifier		NOT USED.
N104	Identification Code		NOT USED.
		[End loop for PAYER (ASAP)]	

TABLE 2 - DETAIL (REMITTANCE INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS

[Start of the ENTITY loop for one Recipient Organization/Federal Program Agency combination. 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.]

--ENT ENTITY (REQUIRED)--

ENT01	Assigned Number		NOT USED.
ENT02	Entity Identifier Code	2R	REQUIRED. Code for "Federal Facility", the type of sending sub-entity.
ENT03	Identification Code Qualifier	ZZ	REQUIRED. Code for "Mutually defined", the type of ID Code for the sending sub-entity.
ENT04	Identification Code	[ALC/Region]	REQUIRED. ALC/Region of the agency granting the funds. (8 required and 2 optional positions)
ENT05	Entity Identifier Code	MA	REQUIRED. Code for "Party for whom item is ultimately intended", the type of receiving sub-entity.

TABLE 2 - DETAIL (REMITTANCE INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
ENT06	Identification Code Qualifier	93	REQUIRED. Code for "code assigned by the organization originating the transaction set", the type of ID of the receiving sub-entity.
ENT07	Identification Code	[Recipient ID]	REQUIRED. Unique Recipient Organization ID as defined within ASAP; identifies the organization granted federal funds. (7 positions)

[Start nested loop for Federal Program Agency NAME]

--N1 NAME (REQUIRED)--

N101	Entity Identifier Code	2R	MANDATORY. Code for "Federal Facility", the type of sending sub-entity. (Value of this data element should equal value of ENT02).

TABLE 2 - DETAIL (REMITTANCE INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
N102	Name	[Federal Program Agency Short Name]	REQUIRED. From the profile in ASAP. (10 positions)

[End nested loop for Federal Program Agency NAME]

[Start nested loop for Recipient Organization NAME]

--N1 NAME (REQUIRED)--

N101	Entity Identifier Code	MA	MANDATORY. Code for "Party for whom item is ultimately intended", the type of receiving sub-entity. (Value of this data element should equal value of ENT05).
N102	Name	[Recipient Organization Short Name]	REQUIRED. From the profile in ASAP. (10 positions)

[End nested loop for Recipient Organization NAME]

TABLE 2 - DETAIL (REMITTANCE INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
	[Start nested RMR loop (one for each payment request against an ASAP account)]		
	--RMR REMITTANCE ADVICE ACCOUNTS RECEIVABLE OPEN ITEM REFERENCE (REQUIRED)--		
RMR01	Reference Number Qualifier	11	REQUIRED. Code for "Account Number".
RMR02	Reference Number [1/30]	[ASAP Account ID]	REQUIRED. 20 positions
RMR03	Payment Action Code		NOT USED.
RMR04	Monetary Amount	[Amount Paid]	REQUIRED. Actual payment for the request against this Account ID for the Recipient Organization in ENT07 from the Federal Program Agency in ENT04.
RMR05	Total Invoice or Cr/Dr Amount	[Amount Requested]	REQUIRED. Amount requested from this Account ID for this Recipient Organization from this Federal Program Agency.

TABLE 2 - DETAIL (REMITTANCE INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS

--REF REFERENCE NUMBERS (REQUIRED)--

REF01	Reference Number Qualifier	IX	REQUIRED. Code for "Item Number".
REF02	Reference Number	[Payment Request Item Number]	REQUIRED. The Payment Request Item Number portion of ASAP's Sequence Number. (6 positions)

--REF REFERENCE NUMBERS (OPTIONAL)--

REF01	Reference Number Qualifier	ZZ	REQUIRED. Code for "Mutually Defined".
REF02	Reference Number	[CFDA Number]	REQUIRED. Catalog of Federal Domestic Assistance (CFDA) Number (5 positions)

TABLE 2 - DETAIL (REMITTANCE INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS

[Start IT1 loop nested within RMR loop (one IT1 loop for each payment request against a Recipient Remittance Code under an ASAP account, repeating 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.]

--IT1 BASELINE ITEM DATA (INVOICE) (OPTIONAL)--

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
IT101	Assigned Identification		NOT USED.
IT102	Quantitiy Invoiced [1/10]	1	REQUIRED. Always equal to 1.
IT103	Unit or Basis for Measurement Code	DQ	REQUIRED. Code for "Data Records", describing the quantity in IT102 (1 data record per IT1 segment)
IT104	Unit Price [1/14]	[Amount Requested at the Recipient Remittance Code level]	REQUIRED.
IT105	Basis of Unit Price Code		NOT USED.
IT106	Product/Service ID Qualifier	A3	REQUIRED. Code for "Locally assigned control number".
IT107	Product/Service ID [1/30]	[Recipient Remittance Code]	REQIRED. Alphanumeric.

TABLE 2 - DETAIL (REMITTANCE INFORMATION)

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS
IT108-IT125			NOT USED.

        [End nested IT1 loop (one for each payment request against a Recipient Remittance Code)]

    [End nested RMR loop (one for each payment request against an ASAP account)]

[End ENTITY loop for one Recipient Organization / Federal Program Agency combination.]

TABLE 3 - TRAILER

DATA ELEMENT	DATA ELEMENT NAME	VALUE	COMMENTS

--SE TRANSACTION SET TRAILER (MANDATORY)--

| SE01 | Number of Included Segments | [Program-assigned] | MANDATORY. The actual number of segments in each transaction set. |
| SE02 | Transaction Set Control Number | [Same as ST02] | MANDATORY. Entry Detail Sequence portion of ACH Trace Number (7 positions) |

-----------[END 820 TRANSACTION SET]-----------

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              -----------[ENVELOPES - CLOSING]-----------

DATA              DATA ELEMENT NAME            VALUE                  COMMENTS
ELEMENT
_____        _____      _____        _____


              -----------[FUNCTIONAL GROUP ENVELOPE]-----------



                  --GE FUNCTIONAL GROUP TRAILER (MANDATORY)--

GE01        Number of Transaction Sets
             Included                          1                      MANDATORY.

GE02        Group Control Number              [Same as GS06]          MANDATORY.  The value for data
                                                                      element GE02 is the same as the
                                                                      value for data element GS06 = the
                                                                      7-byte sequence portion of the
                                                                      ACH Trace Number.



              -----------[INTERCHANGE ENVELOPE]-----------

                  --IEA INTERCHANGE CONTROL TRAILER (MANDATORY)--


IEA01       Number of Included Functional
             Groups                            1                      MANDATORY.

IEA02       Interchange Control Number         [Same as ISA13]         MANDATORY.  The value for data
                                                                      element IEA02 is the same as the
                                                                      value for data element ISA13 =
                                                                      the 7-byte sequence portion of
                                                                      the ACH Trace Number left-padded
                                                                      with zeroes.
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