

Payment Automation Manager (PAM)
Input File Specifications – Standard Payment Request

Version 5.0.0

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1 Input File Specification – Standard Payment Request

This document describes the standard format, data elements, validations and agency specific information that agencies must use to submit payment requests to the Financial Management Service (FMS) Payment Automation Manager (PAM).

The Standard PAM Payment Request Format (SPR) is intended for agencies to submit one file with one or more schedules. It is not intended to allow for more than one file per schedule (i.e., one file can have multiple schedules but one schedule cannot span across multiple files.) In addition, one SPS summary certification should be submitted for each schedule in the file. One certification cannot cover multiple schedules.

When a SPR is received by FMS, its schedules are matched to a certification from SPS based on the schedule number, ALC, amount and item count. When preparing your SPR, be mindful of these matching criteria.

Each field in the format has validation rules and indicates whether a violation results in a file, schedule or payment rejection. It should be noted that, until further notice, any schedule rejection will result in a file rejection. In the future, FMS will pursue offering a configuration by agency to allow schedule or file resubmission.

1.1 General Instructions

The development version of the Standard Payment Request may differ from the version published to agencies. The current published version is noted in the validation rules for the Standard Payment Request Version field.

Agencies should:

- Ensure content of ACH files is in alignment with NACHA rules.
- Follow IAT rules for potential international payments.
- Comply with OFAC (Office of Foreign Assets Control) policies.
- Ensure payee data is correct so the transaction is payable (routing numbers, account numbers, mailing address, etc.).
- Comply with CARS reporting rules for TAS/BETC.

1.2 General Structure of File

Each Record on the File shall be a length of 850 positions. The Records must indicate an appropriate record code (“RC”) and be structured as indicated below. Records associated to the Check Payment Data Record and the ACH Payment Data Record can be received in any order (i.e. Addenda, CARS, Stub, Procurement). All records for one payment must be together in the file.

File Header Record RC=H (There can only be one file header record)

ACH Schedule Header Record RC=01(one - many Schedule Header Records in a file)

ACH Payment Data Record RC=02 (one - many ACH Payment Data Records in a schedule)

ACH Addendum Record RC=03

- none – one for each CCD or PPD Payment Data Record;
- none – two for each IAT Payment Data Record

Or

ACH Addendum Record RC=04

- one-999 for each CTX Payment Data Record

CARS TAS/BETC Record RC=G (none-many for each ACH Payment Data Record)

Procurement Record RC=P (none- many for each ACH Payment Data Record)

ACH Schedule Trailer Control Record RC=T (one for each Schedule Header Record)

Check Schedule Header Record RC=11 (one - many Schedule Header Records in a file)

Check Payment Data Record RC=12 (one - many Check Payment Data Records in a schedule)

Check Stub Record RC=13 (none unless CheckEnclosureCode = stub, then one for each Check Payment Data Record)

CARS TAS/BETC Record RC=G (none - many for each Check Payment Data Record)

Procurement Record RC=P (none - many for each Check Payment Data Record)

Check Schedule Trailer Control Record RC=T (one for each Schedule Header Record)

File Trailer Control Record RC=E (There can only be one File Trailer Control Record)

1.3 File Structure Validations

The file structure must follow these rules:

Rule	Result
A schedule can contain only one type of payment.	If not, reject the file
If any schedule on a file is rejected, the entire file will be rejected.	File rejection
ACH Payment Data Records must be received in Routing Number order within the schedule.	If not, reject the file
Check Payment Data Records can be received in any order.	
Records associated to the Check Payment Data and ACH Payment Data Records can be received in any order (i.e. Addenda, GWA, Stub, Procurement).	
All records for one payment must have the same information in the payment identifier fields.	If not, reject the file

- Field types are as follows:
 - A=alphabetic; A-Z, a-z, blanks, and special characters as noted below.
 - N=numeric; 0-9.
 - All dollar amount fields are numeric.
 - AN= alphanumeric; A-Z, a-z, 0-9, blanks, and special characters as noted below.

Space	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
`	{		}	~											

Table 1: Allowed Characters

Hexadecimal Character Validation

Rule	Result
Any data elements being validated and/or stored in PAM must be valid HEX characters.	If not, reject the file

- File formats must meet the following validation:
 - For alphanumeric and alphabetic fields, valid special characters are defined as all Hexadecimal characters with values greater than HEX “3F” (as shown in Table 1).
 - Invalid Hexadecimal characters are defined as HEX values “00” through “3F”.

1.4 Validation for Balancing

Rule	Result
If the ACH_Transaction Code indicates “Prenote” all of the payments in the schedule must be zero dollar amounts.	If not, reject the file.
If zero dollar payment amounts are received in a schedule, the ACH Transaction Code must indicate “Prenote”	If not, reject the file
The ScheduleTrailer.ScheduleCount must equal the accumulated number of Payments in the schedule.	If not, reject the schedule
The ScheduleTrailer.ScheduleAmount must equal the accumulated amount of Payments in the schedule.	If not, reject the schedule
The FileTrailer.TotalCount_Records must equal the accumulated number of records on the file.	If not, reject the file
The FileTrailer.TotalCount_Payments must equal the accumulated	If not, reject the file

number of payments on the file.	
The FileTrailer.TotalAmount_Payments must equal the accumulated amount of payments on the file.	If not, reject the file

1.5 Derived Data Elements

Data Element	Derived From	Associated With	Associated Values
Method of Payment	Type of data records received	Schedule	ACH, Check
Object Line 3	Enclosure Code	Check Payment Data Record	If Enclosure Code = “stub” then Object Line 3 = “Per Enclosed Mailing Notice”

1.6 Input Management Interface Information

Note: This section is subject to change in support of transitioning away from IM.

Path	Value	Notes
Original Filename	FROXK.Agency.SPR.Unique Unique=Specified by the agency to make the dataset unique for the day.	Dataset name including delimiters is up to 44 characters long. Each node can contain up to 8 characters. If the same dataset name is used within a day, the previous dataset will be overwritten.
ControlNumber	Cnnnnnn	Assigned by IM

1.7 Specification Notes

- Field #s are purely for referential and discussion purposes; they are not part of the file’s data.
- A “filler” or “blank” field is not validated.
- If PAM performs validations on a field, the validation rules and resulting error messages are provided in the “Validation rules” column.
- Verbiage for the Error Messages is contained in the *Outgoing File Specification – Agency Notification (email)* document.
- If there is no validation rule (“n/a”), the field can contain any value including blanks

- Numeric fields that are not validated will be stored as zeros if blanks are received.
- Fields with dollar amounts do not have decimal points; the last two digits are the cents value. For example 1234567890 = \$12,345,678.90.
- Unless otherwise specified in the validation rules column, numeric fields are right justified, with zero (0) pad on the left; alpha and alphanumeric fields are left justified, with blank pad on the right..

When left/right justification rules are listed in the validation rules column, PAM shall correct the field justification if needed. Unless otherwise specified, currency values are not formatted as zoned decimal.

2 File Record Specifications

2.1 File Header Record

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
1.	Record Code	AN	“Hb”	2	1	2	If invalid, missing or out of order, reject the file	File Header Record Identifier = “H” followed by a space
2.	InputSystem	AN		40	3	42	This should match the Agency Identifier in the PAM Agency Profile. If not, reject the file.	Used to identify the sending entity (agency or automated system)
3.	Standard Payment Request Version Number	AN		3	43	45	If invalid or missing, reject the file Current published version: 500	Identifies the version of the Payment Request format used to prepare the PRF, e.g. 500
4.	Filler			805	46	850	n/a	

2.2 ACH Schedule Header Record

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
5.	Record Code	AN	“01”	2	1	2	If invalid, missing or out of order, reject the file	ACH Schedule Header Record Identifier = “01”
6.	AgencyACHText	AN		4	3	6	n/a	Used to identify the payment to the recipient. (In FedACH file Company Name field.)

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
7.	ScheduleNumber	AN		14	7	20	Right justify zero fill to the left and remove all spaces. If schedule number is a duplicate of 1) other schedules on this file, or 2) other schedules in PAM during a fiscal year for the ALC, reject the schedule. If blank or invalid, reject the schedule. Valid characters include A-Z, 0-9, dash (-).	
8.	PaymentTypeCode	AN		25	21	45	If blank or Type of Payment not configured in PAM, reject the schedule.	Consult your servicing RFC for this value.
9.	StandardEntryClassCode	A	CCD; PPD;	3	46	48	If blank or invalid, reject	

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
			IAT; CTX				the schedule.	
10.	AgencyLocation Code	N		8	49	56	Must be a valid agency location code. If not, reject the schedule.	
11.	Filler			1	57	57	n/a	Not storing GarnishmentI ndicator field in PAM.
12.	Federal Employer Identification Number	AN		10	58	67	n/a	This is passed in the Company Identification field FedACH file for child support purposes. It is the FEIN of the agency that is the employer of the payee, If this is not available then provides the

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
								FEIN of the agency sending the payment.
13.	Filler			783	68	850	n/a	

2.3 Check Schedule Header Record

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
14.	Record Code	AN	"11"	2	1	2	If invalid, missing or out of order, reject the file	Check Schedule Header Record Identifier = "11"
15.	ScheduleNumber	AN		14	3	16	Right justify zero fill to the left and remove all spaces. If schedule	

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
							number is a duplicate of 1) other schedules on this file, or 2) other schedules in PAM during a fiscal year for the ALC, reject the schedule. If schedule number is blank or invalid, reject the schedule. Valid characters include A-Z, 0-9, dash (-).	
16.	PaymentTypeCode	AN		25	17	41	If blank or Type of Payment not configured in PAM, reject the schedule.	Consult your servicing RFC for this value.
17.	AgencyLocation Code	N		8	42	49	Must be a valid agency location code. If not, reject the schedule.	

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
18.	Filler	AN		9	50	58	n/a	Filler
19.	CheckPaymentEnclosureCode	A	“nameonly” “letter”, “stub” “insert” or blank	10	59	68	If invalid reject the schedule. If “stub” and there is no stub record for each payment, reject the schedule.	If stub, the stub record should be provided for each payment in the schedule using the Check Stub Record. If letter, a separate letter file should be provided.
20.	Filler			782	69	850	n/a	

2.4 ACH Payment Data Record

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
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#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
21.	Record Code	AN	“02”	2	1	2	If invalid, missing or out of order, reject the file	ACH Payment Record Indicator = “02”.
22.	AgencyAccountIdentifier	AN		16	3	18	Can be less than 16 characters.	This is the payee account number used by the agency if different from TIN. TIN must be provided in the Payee Identifier field. See field below.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
23.	Amount	N	\$\$\$\$\$\$ \$cc	10	19	28	Right justify, zero fill. If invalid or all blank, mark payment as invalid. If amount does not match ACH transaction code per Validation for Balancing section, reject the file.	
24.	AgencyPaymentTypeCode	AN		1	29	29	n/a	
25.	IsTOP_Offset	AN	"0";"1"	1	30	30	n/a	"0" = no "1" = yes If blank default to "1". Agreed upon between TOP and agency.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
26.	PartyName	AN		35	31	65	Left justify, blank fill. If all blank, mark payment as invalid.	This will be truncated to 22 characters when sent to FedACH for PPD and CCD. It will be truncated to 16 for CTX and 35 for IAT.
27.	PayeeAddressLine_1	AN		35	66	100	If IAT and this is all blank, mark payment as invalid	If IAT, this is required. This is designated as the payee street address for IAT payments. While not required for other entry class codes, address data is requested from agencies so RFCs can send offset letters if necessary.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
28.	PayeeAddressLine_2	AN		35	101	135	n/a	Optional address line.
29.	CityName	AN		27	136	162	Left justify, blank fill. If IAT and this is all blank, mark payment as invalid	Foreign city if IAT. Will be truncated to 23 characters when sent to FedACH. Optional for domestic payments (entry class codes other than IAT).
30.	StateName	AN		10	163	172	n/a	If IAT, the foreign state, territory or province name is provided in this field, if applicable.
31.	StateCodeText	AN		2	173	174	n/a	Optional field for domestic state abbreviation for PPD/CCD entries.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
32.	PostalCode	AN		5	175	179	n/a	Foreign postal code (IAT) or domestic zip code (all other entry class codes).
33.	PostalCodeExtension	AN		5	180	184	n/a	Remainder of foreign postal code (IAT) or domestic 4-digit zip (all other entry class codes).
34.	CountryCodeText	AN		2	185	186	If IAT and this is blank, mark payment as invalid	If IAT the ISO country code is required. See http://www.iso.org for a complete list of country codes.
35.	Routing Number	N		9	187	195	If not valid RTN, mark payment as invalid.	

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
36.	Account Number	AN		17	196	212	If all blank, mark payment as invalid.	
37.	ACH_TransactionCode	N	See Appendix A	2	213	214	If 1) not one of the values listed 2) Codes 42, 43, 52, or 53 are used for a type of payment other than Vendor or 3) all blank, mark payment as invalid.	See Appendix A for values / definitions / stored values
38.	PayeeIdentifier_Secondary	AN		9	215	223	If not 9 numeric or all blank, mark payment as invalid. Blank is the only non-numeric allowed	Used to provide TOP with additional information.
39.	PartyName_Secondary	AN		35	224	258	n/a	Used to provide TOP with additional information.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
40.	PaymentID	AN		20	259	278	If all blank or duplicate within the schedule, reject the schedule.	Unique payment identifier within the schedule for associating all related records for the payment.
41.	Reconcilement	AN		100	279	378	n/a	Limited Use. Requires agency / FMS collaboration prior to use. See Appendix C for Agency Specific Values.
42.	PayeeIdentifier	AN		9	379	387	If not 9 numeric or all blank, mark payment as invalid. Blank is the only non-numeric allowed	This is the payee TIN. This field is associated with PartyName.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
43.	Payment Recipient TIN indicator	AN	“1”=SSN “2”=EIN or blank	1	388	388	If not 1, 2, or blank, mark payment as invalid. Blank is the only non-numeric allowed	Indicates the type of payee identifier provided in field PayeeIdentifier .
44.	Secondary Payee TIN Indicator	AN	“1”=SSN “2”=EIN or blank	1	389	389	If not 1, 2, or blank, mark payment as invalid. Blank is the only non-numeric allowed	Indicates the type of payee identifier provided in field PayeeIdentifier _Secondary.
45.	Amount eligible for offset	AN		10	390	399	If not all blank or all numeric, mark payment as invalid. Blank is the only non-numeric allowed.	The amount of the payment that is eligible for offset. Will be sent to TOP. If the entire payment is eligible for offset, pass blanks in this field. If a portion of the payment is eligible for

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
								offset, specify the amount in this field.
46.	Filler			451	400	850	n/a	

2.5 Check Payment Data Record

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
47.	Record Code	AN	“12”	2	1	2	If invalid, missing or out of order, reject the file	Check Payment Data Record Indicator = “12”
48.	AgencyAccount Identifier	AN		16	3	18	Can be less than 16 characters.	This is the payee account number used by the agency if different from TIN. TIN must be provided in the Payee

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
								Identifier field. See field below.
49.	Amount	N	\$\$\$\$\$\$ \$cc	10	19	28	Right justify, zero fill. If invalid or all blank, mark payment as invalid. An amount over 9 digits is not allowed; therefore position 19 must be a zero. If not, mark payment invalid.	An amount over 9 digits is currently not allowed. Ten digit amounts may be allowable in the future.
50.	AgencyPaymentTypeCode	AN		1	29	29	n/a	
51.	IsTOP_Offset	AN	"0";"1"	1	30	30	n/a	"0" = no "1" = yes

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
								If blank default to "1."
52.	PartyName	AN		35	31	65	Left Justify, blank fill. If all blank, mark payment as invalid	
53.	PayeeAddressLine_1	AN		35	66	100	If blank and enclosure code is not "nameonly", mark payment as suspect.	Suspect indicates an internal FMS review for mail ability; it is not marked invalid.
54.	PayeeAddressLine_2	AN		35	101	135	n/a	
55.	PayeeAddressLine_3	AN		35	136	170	n/a	
56.	PayeeAddressLine_4	AN		35	171	205	If country or consular code is present, ignore this address line.	Foreign addresses cannot utilize this address line.
57.	CityName	AN		27	206	232	Left justify,	Will be

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
							blank fill. If blank and enclosure code is not “nameonly”, mark payment as suspect.	truncated to 20 characters for foreign addresses when State Name is used. Suspect indicates an internal FMS review for mail ability; it is not marked invalid.
58.	StateName	AN		10	233	242	n/a	For foreign state, province or territory name
59.	StateCodeText	AN		2	243	244	If domestic, blank and enclosure code is not “nameonly” mark payment as suspect. (If the CountryName is blank, the address is	Use this field for domestic state code. Suspect indicates an internal FMS review for mail ability; it is not marked invalid.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
							considered domestic.)	
60.	PostalCode	AN		5	245	249	If blank and enclosure code is not “nameonly” mark payment as suspect.	If foreign address, use this field for universal postal code. If domestic, use 5 digit zip code. Suspect indicates an internal FMS review for mail ability; it is not marked invalid.
61.	PostalCodeExtension	AN		5	250	254	n/a	If foreign address, use this field for remainder of universal postal code. If domestic, use 4 digit zip code.
62.	PostNet Barcode Delivery Point	AN		3	255	257	n/a	Includes barcode check digit

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
63.	Filler	AN		14	258	271	n/a	
64.	CountryName	AN		40	272	311	n/a	Full name of country for foreign addresses
65.	ConsularCode	AN		3	312	314	n/a	Contact your RFC for a list of consular / geo codes.
66.	CheckLegendText1	AN		55	315	369	n/a	Agency provided information that will be printed at the bottom of the check and provided to PACER for cancellation notices. This can include allotter information, month/year payment is for, specific note to the payee, etc.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
67.	CheckLegendText2	AN		55	370	424	n/a	Agency provided information that will be printed at the bottom of the check and provided to PACER for cancellation notices. This can include allotter information, month/year payment is for, specific note to the payee, etc.
68.	PayeeIdentifier_Secondary	AN		9	425	433	If not 9 numeric or all blank, mark payment as invalid. Blank is the only non-numeric allowed.	Used to provide TOP with additional information.
69.	PartyName_Secondary	AN		35	434	468	n/a	Used to provide TOP with additional information.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
70.	PaymentID	AN		20	469	488	If all blank or duplicate within the schedule, reject the schedule.	Unique payment identifier within the schedule for associating all related records for the payment. Also used to match letters to checks during printing / enclosing if check enclosure code in schedule header = "letter".
71.	Reconcilement	AN		100	489	588	n/a	Limited Use. Requires agency / FMS collaboration prior to use.
72.	SpecialHandling	AN		50	589	638	n/a	Requires agency / FMS collaboration prior to use.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
								Used for manual handling of checks.
73.	PayeeIdentifier	AN		9	639	647	If not 9 numeric or all blank, mark payment as invalid. Blank is the only non-numeric allowed.	This is the payee TIN. This field is associated with PartyName.
74.	USPSIntelligent MailBarcode	AN		50	648	697		Agencies that use Intelligent Mail Barcode services from the post office must work with FMS to get specific formatting of this field.
75.	Payment Recipient TIN indicator	AN	“1”=SSN “2”=EIN or blank	1	698	698	If not 1, 2, or blank, mark payment as invalid. Blank is the only non-	Indicates the type of payee identifier (TIN) provided in field

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
							numeric allowed.	PayeeIdentifier .
76.	Secondary Payee TIN Indicator	AN	“1”=SSN “2”=EIN or blank	1	699	699	If not 1, 2, or blank, mark payment as invalid. Blank is the only non-numeric allowed.	Indicates the type of payee identifier provided in field PayeeIdentifier_Secundary.
77.	Amount eligible for offset	AN		10	700	709	If not all blank or all numeric, mark payment as invalid. Blank is the only non-numeric allowed.	The amount of the payment that is eligible for offset. Will be sent to TOP. If the entire payment is eligible for offset, pass blanks in this field. If a portion of the payment is eligible for offset, specify the amount in this field.
78.	Filler			141	710	850	n/a	

2.6 ACH Addendum Record

This record is optional for PPD, CCD, and IAT Standard Entry Class Codes.

If the SEC code is “PPD” or “CCD” only one addenda is allowed per payment.

If the SEC code is “IAT” up to two remittance addenda are allowed per payment. Additionally, for IAT payments, PAM will build the Mandatory IAT Addenda Records using data provided in the Payment Data record and append this remittance addenda if provided by the agency.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
79.	Record Code	AN	“03”	2	1	2	If invalid, missing or out of order, reject the file	ACH Addendum Record = “03”
80.	PaymentID	AN		20	3	22	If this information is not the same as in the ACH payment data record, reject the schedule.	
81.	Addenda Information	AN		80	23	102	n/a	FedACH IPP

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
82.	Filler			748	103	850	n/a	

The following rules in the table below apply for Standard Entry Class Code “CTX”.

Rule	Result
If the SEC code is “CTX” and the ISA, BPR, or SE segments are missing then mark payment invalid.	Mark payment invalid
If the first ACH Addendum Record in position 23-25 does not contain “ISA” then mark payment invalid.	Mark payment invalid
For the ISA segment, the character in position 26 must equal the segment delimiter; the character in position 128 must equal the segment terminator. If the segment delimiter equals the segment terminator then mark the payment invalid.	Mark payment invalid
For the BPR segment, if BPR-02 is non-numeric then mark the payment invalid	Mark payment invalid
For the SE segment, if SE-	Mark payment invalid

01 is non-numeric then mark the payment invalid	
Invalid hex cannot be used for delimiters (as defined in Section 1.3)	

Use the following format for Standard Entry Class Code “CTX”. For CTX, 999 ACH Addendum records with 10 Addenda are allowed. Note: one BPR per payment is expected.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
79.	Record Code	AN	“04”	2	1	2	If invalid, missing or out of order, reject the file	
80.	PaymentID	AN		20	3	22	If this information is not the same as in the ACH payment data record, reject the schedule.	
81.	Addenda Information	AN		800	23	822	See above for validation rules	Place up to ten 80 character Addenda. Position 4 of the ISA segment will be used as the

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
								data element separator and position 106 will be used as the segment terminator.
82.	Filler			28	823	850	n/a	

2.7 CARS TAS/BETC Record

This record is optional. However, if TAS/BETC data received in the SPS certification does not match TAS/BETC data received with the schedule, the differences will be reported to CARS. Zero to 100 TAS/BETC recommended per payment ; maximum 1000 unique TAS/BETC recommended per schedule.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
83.	Record Code	AN	“G”	2	1	2	If invalid, missing or out of order, reject the file	CARS TAS/BETC Record = “G” followed by space
84.	PaymentID	AN		20	3	22	If this information is not the same as the payment data record, reject the	

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
							schedule.	
85.	Sub-levelPrefixCode	AN		2	23	24	n/a	
86.	AllocationTransferAgencyIdentifier	AN		3	25	27	n/a	
87.	AgencyIdentifier	AN		3	28	30	n/a	
88.	BeginningPeriodOfAvailability	AN		4	31	34	n/a	
89.	EndingPeriodOfAvailability	AN		4	35	38	n/a	
90.	AvailabilityTypeCode	AN		1	39	39	n/a	

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
91.	MainAccountCode	AN		4	40	43	n/a	
92.	Sub-accountCode	AN		3	44	46	n/a	
93.	BusinessEventTypeCode	AN		8	47	54	n/a	
94.	AccountClassificationAmount	N		10	55	64	If not numeric default to zero.	
95.	IsCredit	AN	“0” or “1”	1	65	65	If blank, default to “0”	Used to indicate whether amount is a debit “0” or credit “1”.
96.	Filler			785	66	850	n/a	

2.8 Check Stub Record

This record is only required if the CheckEnclosureCode field in the payment data record is “stub”. Agencies must have approval from their RFC before using this service.

#	Field Name	Type	Field Value	Length	Position	Validation rules
97.	Record Code	AN	“13”	2	1-2	If CheckEnclosureCode = “stub” and this record is missing or out of order, reject the file. If value is invalid, reject the file.
98.	PaymentID	AN		20	3-22	If this information is not the same as the payment data record, reject the schedule.
99.	PaymentIdentificationLine_1 (through 14)	AN		55	23-77 78-132 133-187 188-242 243-297 298-352 353-407 408-462 463-517 518-572 573-627 628-682 683-737 738-792	n/a
100.	Filler			58	793-850	n/a

2.9 Procurement Record

This record is optional. The recommended limit is 100 procurement records per payment.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules
101.	Record Code	AN	“Pb”	2	1	2	If invalid, missing or out of order, reject the file “P” record is only stored for Vendor Types of Payments. If record is received with any other payment type do not store the values.
102.	PaymentID	AN		20	3	22	If this information is not the same as the payment data record, reject the schedule.
103.	ProcurementInstrumentIdentifier	AN		50	23	72	n/a
104.	ProcurementAgency Identifier	AN		4	73	76	n/a

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules
105.	IndefiniteDeliveryVehicleProcurementInstrumentIdentifier	AN		50	77	126	n/a
106.	IndefiniteDeliveryVehicleAgencyIdentifier	AN		4	127	130	n/a
107.	Amount	N		20	131	150	
108.	Filler			700	151	850	n/a

2.10 Schedule Trailer Control Record

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules
108.	Record Code	AN	“Tb”	2	1	2	If invalid, missing or out of order, reject the file

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules
109.	Filler	AN	Blanks	10	3	12	n/a
110.	ScheduleCount	N		8	13	20	If invalid, reject the schedule.
111.	Filler	AN	Blanks	3	21	23	n/a
112.	ScheduleAmount	N		15	24	38	If invalid, reject the schedule.
113.	Filler			812	39	850	n/a

2.11 File Trailer Control Record

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules
114.	Record Code	AN	“Ee”	2	1	2	If invalid, missing or out of order, reject the file
115.	TotalCount_Records	N		18	3	20	If invalid, reject the file
116.	TotalCount_Payments	N		18	21	38	If invalid, reject the file.
117.	TotalAmount_Payments	N		18	39	56	If invalid, reject the file.

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules
118.	Filler			794	57	850	n/a

3 Appendices

3.1 Appendix A ACH Transaction Codes

Transaction Code	Definition	Account Type (for storage in PAM)
22	Checking Account Credit	C
23	Checking Account Credit Prenote	C
32	Savings Account Credit	S
33	Savings Account Credit Prenote	S
42	General Ledger Credit	G
43	General Ledger Credit Prenote	G
52	Loan Account Credit	L
53	Loan Account Credit Prenote	L

3.2 Appendix B - Glossary of Terms

Field Name	Definition
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Field Name	Definition
ACH_TransactionCode	Designates a transaction's account type (checking, savings, or general ledger) and the transaction type (credit, or prenote).
AccountNumber	The payment recipient's bank account number.
AccountClassificationAmount	The transaction amount associated with TAS/BETC to be reported to Treasury for the Central Accounting Reporting System (CARS) compliancy.
Addenda Information	Additional information about the payment to be included in ACH addenda (PPD+ and CCD+)
AgencyAccountIdentifier	Account number used internally by an agency to identify a payee.
AgencyIdentifier	Used in conjunction with the main account code, represents the department, agency, or establishment of the U.S. government that is responsible for the TAS.
AgencyLocationCode	Identifies the accounting office within an agency that reports disbursements and collections to Treasury.
AgencyPaymentTypeCode	Internal agency code used to identify the type of payment within the specific agency.
AgencyACHText	Used to identify the agency responsible for the payments. First four bytes go to FedACH.
AllocationTransferAgencyIdentifier	Represents the agency receiving funds through an allocation transfer.
Amount	The amount of the transaction.
Amount eligible for offset	Indicates the amount of the payment that is eligible for offset. This is sent to TOP for offsetting purposes.
AvailabilityTypeCode	Identifies no-year accounts (X), clearing/suspense accounts (F), Treasury central summary general ledger accounts (A), and merged-surplus accounts (M).
BeginningPeriodOfAvailability	In annual and multiyear accounts, identifies the first year of availability under law that an account may incur new obligations.
BusinessEventTypeCode	Identifies the type of activity (gross disbursement, offsetting collection, investment in Treasury securities, etc.) and the effect of a transaction on the Fund Balance With Treasury (FBWT). Is used in combination with the Treasury Account Symbol to classify transactions reported to Treasury through all Governmentwide Accounting (CARS-compliant) Financial Management Systems.
CheckPaymentEnclosureCode	Code denoting that a check will include an enclosure – either a stub or a letter.
CheckLegendText1	Free-form field for agency's use – all data in this field is printed on the check.
CheckLegendText2	Free-form field for agency's use – all data in this field is printed on the check.
CityName	Name of the city in which the payee resides.
ConsularCode	Indicates the code for mailing bulk check shipments to foreign countries.
CountryCodeText	The ISO country code for the country in which the payment recipient resides. Used for IAT payments

Field Name	Definition
CountryName	The full name of the country in which the payment recipient resides. Used for check payments
EndingPeriodOfAvailability	Identifies the last year of availability under law that an account (annual and multiyear) may incur new obligations.
FederalEmployerIdentificationNumber	A number assigned to businesses by the IRS and used by DHHS for tracking child support payments.
IndefiniteDeliveryVehicleAgencyIdentifier	This is a code for an agency, but it does not necessarily represent the agency that issued the contract. Instead, it serves as part of the unique identification for Federal Procurement Data System IDV records. For awards records, it partially identifies a linked IDV record.
IndefiniteDeliveryVehicleProcurementInstrumentIdentifier	When reporting orders under Indefinite Delivery Vehicles (IDV) such as a GWAC, IDC, FSS, BOA, or BPA, report the Procurement Instrument Identifier (Contract Number or Agreement Number) of the IDV. For the initial load of a BPA under a FSS, this is the FSS contract number. Note: BOAs and BPAs are with industry and not with other Federal Agencies.
InputSystem	Identifies the sending trading partner.
IsCredit	Indicates if the item is a debit or credit, for example, a value of '1' would mean that it is a 'credit'. If the attribute is not populated, then the default value is understood to be '0'.
IsSpecialHandling	Requires agency / FMS collaboration prior to use. Used for manual handling of checks such as the designated agent.
IsTOP_Offset	Indicates the payment eligibility of the payment offset
MainAccountCode	Identifies the type and purpose of the fund.
PartyName	Contains the full name of a payee. The name of the party whether individual or organization.
PartyName_Secondary	Contains the full name of a secondary payee. The name of the secondary party whether individual or organization.
PayeeAddressLine_1-4	The mailing address of the payee. Address lines left blank will not be printed.
PayeeIdentifier	The payee's Taxpayer Identification Number (TIN), Vendor ID, SSN, or other valid Payee ID.
PayeeIdentifier_Secondary	The Secondary party's Taxpayer Identification Number (TIN), Vendor ID, SSN, or other valid ID.
PayeeStreetAddress	Address of the payee for mailing TOP offset letter, if needed, for ACH payments. For IAT payments, this field is required.
PaymentIdentifier	Used as a unique identifier for each payment to relate the records appropriately. Also used for matched letters.
PaymentIdentificationLine_1-14	Content to be printed on check stubs.
Payment Recipient TIN indicator	Indicates whether the TIN is an SSN or EIN.
PaymentTypeCode	The type of payment as defined in Appendix A.
PostalCode	A code of letters and/or digits added to an address line. (Zip code)
PostalCodeExtension	4-digit extension of postal code.

Field Name	Definition
PostNetBarcodeDeliveryPoint	Part of the PostNet barcode that is applied to the check for obtaining postage discounts.
PostNetBarcodeCheckDigit	Part of the PostNet barcode that is applied to the check for obtaining postage discounts.
ProcurementInstrumentIdentifier	The unique identifier for each contract, agreement or order associated with the payment.
ProcurementAgencyIdentifier	Code for a governmental agency, but it does not necessarily represent the agency that issued the contract. Instead, it serves only as part of the unique identification for Federal Procurement Data System awards records.
Reconciliation	Free-form field for agency's use in reconciling the payment using PACER. Data in this field is passed to PACER when formatted correctly. Contact your servicing RFC for additional information.
Record Code	A set record identifier used to specify the type of record in the file.
RoutingNumber	The routing number is used synonymously as ABA routing number and routing transit number. The routing number consists of 9 digits, for example XXXXYYYYC where XXXX is Federal Reserve Routing Symbol, YYYY is ABA Institution Identifier, and C is the Check Digit. The first two digits of the nine digit routing number must be in the ranges 00 through 12, 21 through 32, 61 through 72, or 80. The digits are assigned as follows: 00 is used by the United States Government; 01 through 12 are the normal routing numbers; 21 through 32 were assigned only to thrift institutions (e.g. credit unions and savings banks) through 1985, currently are still used by the thrift institutions, or their successors; 61 through 72 are used for electronic transactions; 80 is used for traveler's checks. The first two digits correspond to the 12 Federal Reserve Banks.
ScheduleAmount	The total dollar amount associated with the schedule.
ScheduleCount	Total number of payments for each schedule.
ScheduleNumber	A number assigned by the agency to identify a group of payments.
Standard Payment Request Version Number	The version of the PAM Standard Payment Request that this file is programmed against.
StandardEntryClassCode	A three digit code defined by NACHA to characterize the nature of the ACH transaction. PPD (Prearranged Payment and Deposit Entry) is an entry initiated by an organization pursuant to a standing or a single entry authorization from a receiver to effect a transfer of funds to impact a consumer account of the receiver. CCD (Cash Concentration or Disbursement entry) is an entry initiated by an organization to affect a transfer of funds to impact the account of that organization or another organization. IAT (International ACH Transaction) is a payment that involves a financial agency's office that is not located in the territorial jurisdiction of the United States.
StateCodeText	The US state code as managed by the USPS (United States Postal Service) .
StateName	The foreign state, province or territory name
StubLine_1 (through 14)	Agency data to be printed on the stub. Agencies interested in using this service should contact their local RFC.
Sub-accountCode	Identifies an available receipt or other Treasury-defined subdivision of the main account.

Field Name	Definition
Sub-levelPrefixCode	When populated, represents a programmatic breakdown of the account for Treasury publication purposes.
TotalAmount_Payments	Total amount of the payment request file. Used to verify the integrity of the file.
TotalCount_Payments	Total number of payments in the file. Used to verify the integrity of the file.
TotalCount_Records	Total number of records in the file. Used to verify the integrity of the file.
USPSIntelligentMailBarcode	Field used for all intelligent barcode data elements. An agency must work with their servicing RFC and the US Postal Service to arrange for this service.

3.3 Appendix C – Agency Specific Values

The following tables represent the relative position within the Reconciliation field for agency values. The reconciliation field is position 279-378 in the ACH Data Record and position 489-588 in the Check Data Record. If the Custom Agency Rule ID has a value then parses and stores the following fields.

For Custom Agency Rule ID = “IRS” and Depositor Account Number NOT equal “BONDS”:

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
1	Tax Period (Year)	AN		4	1	4	n/a	
2	Tax Period (Month)	AN		2	5	6	n/a	
3	Master File Tax (MFT) Code	AN		2	7	8	n/a	
4	Service Center Code	AN		2	9	10	n/a	
5	District Office Code	AN		2	11	12	n/a	
6	File TIN Code	AN		1	13	13	n/a	
7	Name Control	AN		4	14	17	n/a	
8	Plan Report	AN		3	18	20	n/a	

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
	Number							
9	Split Refund Code	AN		1	21	21		
10	Injured Spouse Code	AN		1	22	22	n/a	
11	Debt Bypass Indicator Code	AN		1	23	23	n/a	If there is a value in this field, store this value instead of the value received in the payment data record.
12	Document Locator Number	AN		14	24	37	n/a	
13	Check Detail Enclosure Code	A	“enclose” or blank	10	38	47	If the field value is NOT “enclose” or blank, or Payment is ACH make the field value blank.	
14	Filler			53	48	100		

For Custom Agency Rule ID = “IRS” and Depositor Account Number = “BONDS”:

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
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#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
1	Tax Period (Year)	AN		4	1	4	n/a	
2	Tax Period (Month)	AN		2	5	6	n/a	
3	Master File Tax (MFT) Code	AN		2	7	8	n/a	
4	Service Center Code	AN		2	9	10	n/a	
5	District Office Code	AN		2	11	12	n/a	
6	File TIN Code	AN		1	13	13	n/a	
7	Name Control	AN		4	14	17	n/a	
8	Plan Report Number	AN		3	18	20	n/a	
9	Split Refund Code	AN		1	21	21		
10	Injured Spouse Code	AN		1	22	22	n/a	
11	Debt Bypass Indicator Code	AN		1	23	23	n/a	If there is a value in this field, store this value instead of the value received in the payment data record.
12	Bond Name 1	AN		33	24	56	n/a	
13	Bond REG Code	AN	“0”, ”1”, Blank	1	57	57	n/a	Bond REG Code Indicator Values: <ul style="list-style-type: none"> • 0 = Co-Owner

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
								<ul style="list-style-type: none"> • 1 = POD • BLANK = No second name owner (this is the connector)
14	Bond Name 2	AN		33	58	90		
15	Filler	AN		10	91	100		

For Custom Agency Rule ID = “VA” and Check payments:

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
1.	VA Stn Code	AN		2	1	2	n/a	
2.	VA Fin Code	AN		2	3	4	n/a	
3.	VA Courtesy Code	AN		1	5	5	n/a	
4.	VA Approp Code	AN		1	6	6	n/a	
5.	VA Address Seq Code	AN		1	7	7	n/a	
6.	VA Polcy Pre Code	AN		2	8	9	n/a	
7.	VA Polcy Num	AN		2	10	11	n/a	
8.	VA Pay Period Info	AN		12	12	23	n/a	

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
9.	Filler			77	24	100		

For Custom Agency Rule ID = “VA” and ACH payments:

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
1.	VA Stn Code	AN		2	1	2	n/a	
2.	VA Fin Code	AN		2	3	4	n/a	
3.	VA Approp Code	AN		1	5	5	n/a	
4.	VA Address Seq Code	AN		1	6	6	n/a	
5.	VA Polcy Pre Code	AN		2	7	8	n/a	
6.	VA Polcy Num	AN		2	9	10	n/a	
7.	VA Pay Period Info	AN		12	11	22	n/a	
8.	Filler			78	23	100		

For Custom Agency Rule ID = “SSA”:

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
1.	Program Service Center Code (PSC)	AN		1	1	1	n/a	Refer to the ALC / PSC Table to determine the ALC
2.	Payment ID Code	AN		2	2	3	n/a	

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
	(PIC)							
3.	TIN Indicator Offset	AN		1	4	4	n/a	If there is a value in this field, store this value instead of the value received in the payment data record..
4.	Filler			96	5	100		

For Custom Agency Rule ID = “SSA-A“:

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
1.	Program Service Center Code (PSC)	AN		1	1	1	n/a	Refer to the ALC / PSC Table to determine the ALC
2.	Payment ID Code (PIC)	AN		2	2	3	n/a	
3.	Filler			97	4	100		

Use the following table to derive the Payment ALC per Program Service Center (PSC).
 If the SSA PSC Code is not 1-8 or A-H then use the Schedule’s ALC as the Payment ALC.
 The Gray Shaded area is information only, and does not impact deriving the ALC.

PSC to Payment ALC Table

RSI Code PSC	DI Code PSC	Payment Agency Location Code (ALC)	PSC	All Certifications except Cycle 2, 3 and 4	Payment Aftermath	RFC
1	A	28045200	North Eastern PSC 1		X	
2	B	28045300	Mid-Atlantic PSC 2	X	X	Philadelphia
3	C	28045400	South Eastern PSC 3		X	
4	D	28045500	Great Lakes PSC 4		X	
5	E	28045900	Western PSC 5	X	X	San Fran
6	F	28045600	Mid-America PSC 6	X	X	Kansas City
7 or 8	G or H	28043000	ODO/OIO PSC 7/8	X	X	Philadelphia
--	--	28040004	SSI	X	X	Kansas City

For Custom Agency Rule ID = “RRB”:

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
1.	Beneficiary Symbol	AN		2	1	2	n/a	
2.	Prefix Code	AN		1	3	3	n/a	
3.	Payee Code	AN		1	4	4	n/a	
4.	Object Code	AN		1	5	5	n/a	
5.	Filler			95	6	100		

For Custom Agency Rule ID = “CCC”:

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Notes
1.	TOP Payment Agency ID	A		2	1	2	If one payment within a schedule contains this value, the entire schedule will be sent to TOP with this value.	
2.	TOP Agency Site ID	A		2	3	4	If one payment within a schedule contains this value, the entire schedule will be sent to TOP with this value.	
3.	Filler	AN		96	5	100		