

Payment Information Repository (PIR)
Standard Reporting Format (SRF)

Version 2.0.0
July 20, 2012

Table of Contents

Table of Contents	2
1 Input File Specification – Standard Reporting Format	3
1.1 Timing and Flow of File Submission	3
1.2 General Structure of the File	3
1.3 File Structure Validations	5
1.4 Hexadecimal Character Validation	5
1.5 Validation for Balancing	5
1.6 Input Management Interface Information	6
1.7 Specification Notes	6
2 File Record Specifications	8
2.1 File Header Record	8
2.2 Batch Header Record	9
2.3 Detail Payment Record	13
2.4 Party Record	21
2.5 TAS/BETC Record	22
2.6 Procurement Record	25
2.7 Batch Trailer Control Record	26
2.8 File Trailer Control Record	27
3 Appendices	28
3.1 Appendix A: Glossary of Terms	28

1 Input File Specification – Standard Reporting Format

This document describes the standard format, data elements, and validations that non-treasury disbursing offices / agencies must use to report issued payments and any returned payments to Financial Management Service (FMS) for populating data in the PIR.

1.1 Timing and Flow of File Submission

Agencies must submit the SRF within one day after date of payment. “Date of Payment” is defined below for various methods of payment.

- Check payments – the date of payment is the issue date of the check (the date inscribed on the check).
- ACH (original and return) payments – the date of payment is the settlement date of the ACH transaction which can be found in the acknowledgement received from FedACH.
- Wire and International (ITS.gov) Payments - the date of payment is the value date specified in the payment request.

NOTE: Agencies that do not submit the SRF within one day following date of payment by 7 p.m. E.T. will have their vouchers default in CARS (formerly GWA) to the default TAS/BETC defined in SAM for payment transactions. The agency must then reclassify the voucher in the Classification Transaction Accountability (CTA) module of CARS. The default account must be cleared by the third workday after month-end or it will negatively impact the quarterly scorecard that is sent to agencies' CFO.

Files containing check payments will be consumed by both PIR and the Treasury Check Information System (TCIS). The results of PIR validations will be communicated to agencies from PIR. Validation messages related to TCIS will be communicated via TCIS' Transmittal Control and Disbursing Office Maintenance System (TCDOMS). However, a batch must pass both systems' edits in order to be processed by PIR.

Files containing ACH, Wire and International (ITS.gov) payments will be consumed by PIR. All validation messages for these files will be sent to agencies from PIR.

1.2 General Structure of the File

The SRF is intended for agencies to submit one or more files each containing one or more batches. A batch is described below based on method of payment:

- **ACH (original payment and returns), Wire, International (ITS.gov)** – all transactions that are accounted for with a single voucher (SF5515/SF215) should be included in a batch.
- **Check** – all checks issued with the same check symbol and sequential contiguous serial numbers should be included in a batch. This is similar to the current issue file sent by NTDOs to TCIS.

The composition of each batch is described below.

- A file may contain multiple batches. However, check batches must be submitted in a separate file.
- Batches containing ACH, Wire and ITS.gov transactions can be submitted in the same file.

Each Record on the file must be a length of 850 positions. If records exceed the limit, the entire file will be rejected. The Records must indicate an appropriate record code (“RC”) as indicated below.

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

Batch Header Record (one - many Batch Header Records in a file)

Record codes:

BN = NACHA (ACH)

BC = Check

BW = Wire

BI = International (Issued through ITS.gov)

BA = Adjustment (ACH Returns, ITS.gov Returns, Wire Returns, etc)

Detail Payment Record (one - many Detail Payment Records in a batch)

Record codes:

DN = NACHA (ACH)

DC = Check

DW = Wire

DI = International (Issued through ITS.gov)

DA = Adjustment (ACH Returns, ITS.gov Returns, Wire Returns, etc)

Party Record (one – many for each Detail Payment Record)

Record code = DX

TAS/BETC Record (none-100 for each Detail Payment Record)

Record code = DT (Note that ALCs identified as CARS Reporters in SAM are required to submit a TAS/BETC record.)

Procurement Record (none- 100 for each Detail Payment Record)

Record code = DP

Batch Trailer Control Record (one for each Batch Header Record)
Record code = BT

File Trailer Control Record (There can only be one File Trailer Control Record)
Record Code = FT

1.3 File Structure Validations

Each field in the format indicates whether validation rules exist. All validation errors will result in a file or batch rejection. Agencies will resubmit corrected files or batches as appropriate.

The file structure must follow these rules in order for the file to be accepted:

- A file must contain batches for either 1) a combination of ACH, Wire, ITS.gov and Adjustments or 2) Check.
- Required records must be present as noted in Section 1.2 and in the Record Code field of each record.
- The Payment ID for the TAS/BETC, Party and Procurement records must have a corresponding Payment ID in the detail record.

1.4 Hexadecimal Character Validation

Any data elements being validated and/or stored in PIR must be valid HEX characters.

- Data must meet the following validation in order for the file to be accepted:
 - For alphanumeric and alphabetic fields, valid special characters are defined as all Hexadecimal characters with values greater than HEX “3F” (as shown in Section 1.7).
 - Invalid Hexadecimal characters are defined as HEX values “00” through “3F”.

1.5 Validation for Balancing

The following balancing rules must be met in order for the file to be accepted:

- The Total Count field value in the Batch Trailer record must equal the accumulated number of Payments in the batch.
- The Total Amount field value in the Batch Trailer record must equal the sum of the payment amounts in the batch.
- The TotalCount_Records field value in the File Trailer record must equal the accumulated number of records on the file. This includes all record types – File/Batch Header, File/Batch Trailer, Detail, Party, TAS/BETC and Procurement.
- The Total Count field value in the File Trailer record must equal the accumulated number of payments on the file.

- The Total Amount field value in the File Trailer must equal the sum of the payment amounts on the file.
- The sum of the Procurement Record amounts for a payment ID must equal the payment amount in the detail record for that payment ID.
- The sum of the TAS/BETC amounts for a payment ID must equal the payment amount in the detail record for that payment ID. The IsCredit indicator from SAM that is associated with the value of the BETC is used in the summation.

1.6 Input Management Interface Information

Element	Value	Notes
Original Filename	PROD.PIR.****.SRF	**** is the unique agency name PIR representatives will provide more detail about the filename during the set up and testing process.

1.7 Specification Notes

- Field #s are purely for referential and discussion purposes; they are not part of the file’s data.
- Information in the “Field Value/Format” column that is in bold type is the value(s) for that field.
- A “filler” or “blank” field is not validated.
- Fields noted as “required” must be filled.
- Validation rules are provided in the “Validation rules” column.
- If there is no validation rule (“n/a”), the field can contain any value including blanks.
- Fields with dollar amounts do not have decimal points; the last two digits are the cents value. For example 1234567890 = \$12,345,678.90.
- 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.
- PIR shall correct the field justification if needed.
- 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.

	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
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	[\]	^	_
`	{		}	~											

2 File Record Specifications

2.1 File Header Record

File Header Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	PIR Name	Notes
1.	Record Code	AN	FH	2	1	2	REQUIRED (File Rejection)	n/a	
2.	InputSystem	AN		40	3	42	REQUIRED. Must be a registered Input System with PIR. (File rejection)	Input System	Sending agency / system name. PIR will work with the agency regarding this value.
3.	Version Identifier	AN	2.0	3	43	45	REQUIRED. Must be current published version or the most recent previous approved version. (File rejection)	n/a	Current published version: 2.0
4.	Filler			805	46	850	n/a	n/a	

2.2 Batch Header Record

Batch Header Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	PIR Name	Notes
5.	Record Code	AN		2	1	2	REQUIRED (File rejection)	n/a	See Section 1.2 for record codes.
6.	Schedule Number	AN		14	3	16	REQUIRED: Batch number must be unique within the file for all Record Codes. It must be unique within the fiscal year in PIR for the ALC for Record Codes “BN”, “BW”, “BI” and “BA”. Batch number must be unique in PIR for Record Code “BC”. (Batch rejection) When Record Code = “BC”, Batch Number must match the Check Symbol followed by the Check First Serial Number.	Batch Number	See Section 1.2 for definition of batch.
7.	Summary Number	AN		6	17	22	REQUIRED if Batch Record Code is “BN”, “BW”, “BI”, or “BA”. Value must be right justified zero filled. (Batch rejection)	Voucher Number	

Batch Header Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	PIR Name	Notes
8.	Summary Date	AN	CCYY-MM-DD	10	23	32	REQUIRED if Batch Record Code is “BN”, “BW”, “BI”, or “BA”. (Batch rejection)	Voucher Date	
9.	Summary Total Amount	N		20	33	52	REQUIRED if Batch Record Code is “BN”, “BW”, “BI”, or “BA”. Amount must match the sum of the amounts in the detail payment record. (Batch rejection)	Voucher Amount	
10.	Voucher Form Code	AN	5515 or 215	4	53	56	REQUIRED if Batch Record Code is “BN”, “BW”, “BI”, or “BA”. The values must be one of the two values in “Field Value” column. (Batch rejection)	Voucher Form Code	
11.	StandardEntryClass Code	A	CCD; PPD; IAT CTX	3	57	59	REQUIRED if Batch Record Code is “BN”. The values must be one of the four values in “Field Value” column. (Batch rejection)	Standard Entry Class Code	
12.	Originating DI	N		9	60	68	REQUIRED if Batch Record Code is “BW”. The first two digits of the RTN must be in the ranges 00 through 12, 21 through 32, 61 through 72, or 80. (Batch rejection)	Originating DI	This is the RTN used as the sender RTN for wire payments.
13.	Originating	N		9	69	77	REQUIRED if Batch Record	Originating	This is the RTN used as the

Batch Header Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	PIR Name	Notes
	gDFI						code is “BN”. The first two digits of the RTN must be in the ranges 00 through 12, 21 through 32, 61 through 72, or 80. (Batch rejection)	DFI	sender RTN for ACH payments.
14.	AgencyLocationCode	N		8	78	85	REQUIRED if Batch Record Code is “BN”, “BW”, “BI”, or “BA”. Must be a valid agency location code based on the Shared Accounting Module (SAM) data. (Batch rejection)	Agency Location Code	
15.	Disbursing Office Symbol	N		4	86	89	REQUIRED - TCIS TCIS validation for Batch Record Code “BC”: 1) Disbursing office symbol must exist in SAM and be open. 2) Disbursing office symbol must be authorized to issue checks.	Disbursing Office Symbol	
16.	IsCourtesy Check?	AN	1 0	1	90	90	REQUIRED - TCIS TCIS validation for Batch Record Code “BC”: 1) Must be “0”	n/a	Referred to as Check Batch Type in TCIS format 1=courtesy check 0=regular check
17.	Check Batch Creation Date	N	YYYYMMDD	8	91	98	REQUIRED - TCIS TCIS validation for Batch Record Code “BC”: 1) The date should be less than	n/a	

Batch Header Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	PIR Name	Notes
							or equal to the current date.		
18.	CheckSymbolNumber	N		4	99	102	REQUIRED - TCIS TCIS validation for Batch Record Code "BC": 1) Check symbol must belong to the given DO Symbol and be open in SAM. 2) Check symbol must be authorized.	Check Symbol Number	If DO Symbol is equal to check symbol repeat the DO Symbol
19.	Check First Serial Number	N		8	103	110	REQUIRED - TCIS TCIS validation for Batch Record Code "BC": 1) First check serial number must be open and within an authorized range for Check Symbol. 2) First check serial number should not be in the processed check range for Check Symbol. In other words, there should not be a duplicate issue check serial number in TCIS.	Check First Serial Number	Serial number of the first check in the batch.

Batch Header Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	PIR Name	Notes
20.	Check Accounting Month And Year	N	MMYY	4	111	114	REQUIRED - TCIS TCIS validation for Batch Record Code "BC": 1) Must not be more than 31 days in advance of current date. 2) Cannot be more than 180 days prior to the current system date and should not exceed limit for months stale. 3) Accounting year cannot be greater than the current processing year unless the current month is December and the accounting month on the issues is January.	n/a	
21.	Filler			736	115	850	n/a	n/a	

2.3 Detail Payment Record

Detail Payment Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	Stored Name	Notes

Detail Payment Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	Stored Name	Notes
22.	Record Code	AN		2	1	2	REQUIRED (File rejection)	n/a	See Section 1.2 for record codes
23.	PaymentID	AN		20	3	22	REQUIRED for all Record Codes (Batch rejection) Payment ID for Record Code “DC” must be the Check Symbol followed by the Check Serial Number (right justified zero filled)	Payment ID	Unique payment identifier within the batch for associating all related records for the payment.
24.	Amount	N		20	23	42	REQUIRED. (Batch rejection) If Record Code is “DN”, “DW”, “DI”, or “DA” value must be greater than zero. If Record Code is “DC” and Voided Check Indicator is “1” value must be zero. TCIS validation: 1) Amount cannot be greater than \$99,999,999.99.	Payment Amount	
25.	IsVoided Check?	N	1 0	1	43	43	REQUIRED for Record Code “DC” (Batch rejection)	Voided Check Indicator	1= voided check 0 = regular check

Detail Payment Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	Stored Name	Notes
26.	PayeeName	AN		47	44	90	REQUIRED for Record Code “DN”, “DW”, “DC” “DI” and “DA”	Payee Name	(Name inscribed on check or payee name in ACH record)
27.	PayeeIdentifier	AN		16	91	106	n/a	n/a	16 digit payee identifier, used by TCIS.
28.	PaymentTypeCode	AN		25	107	131	REQUIRED for all Record Codes. Payment Type Code must be one of the values listed in the Treasury Financial Manual (TFM). (Batch rejection)	Payment Type Code	Ex: Vendor Miscellaneous Benefit Grant
29.	AgencyLocationCode	N		8	132	139	REQUIRED if Record Code is “DC”. Must be a valid agency location code based on the Shared Accounting Module (SAM) data. (Batch rejection)	Agency Location Code	Used for TCIS only – agencies should start using a valid ALC in this field (right justified zero filled) instead of a combined 4-digit ALC and DO symbol.
30.	PayeeAddressLine1	AN		40	140	179	n/a	Payee Address Line 1	Address lines should be provided for all record codes, if available.
31.	PayeeAddressLine2	AN		40	180	219	n/a	Payee Address Line 2	
32.	PayeeAddressLine3	AN		40	220	259	n/a	Payee Address Line 3	

Detail Payment Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	Stored Name	Notes
	3								
33.	PayeeAddressLine4	AN		40	260	299	n/a	Payee Address Line 4	
34.	CityName	AN		50	300	349	n/a	City Name	
35.	StateCode	AN		2	350	351	If filled, must be a valid state abbreviation.. (Batch rejection)	State Code	Domestic state abbreviation
36.	PostalCode	N		5	352	356	If filled, must be valid zip code. (Batch rejection)	Postal Code	
37.	PostalCodeExtension	N		4	357	360	n/a	Postal Code Extension	
38.	CountryCode	AN		2	361	362	If filled, must be valid ISO country code. (Batch rejection)	Country Code	See FMS Data Registry for a complete list of ISO Country Codes. If the address is domestic, provide Country Code of "US".
39.	RegionName	AN		50	363	412	n/a	RegionName	Used for non-domestic province, state or territory
40.	ConsularCode	AN		3	413	415	n/a	Consular Code	For use when a check is shipped to an embassy.

Detail Payment Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	Stored Name	Notes
41.	ForeignPostalCode	AN		10	416	425	n/a	Foreign Postal Code	
42.	ReceivingDI	N		9	426	434	REQUIRED for Record Code "DW". The first two digits of the RTN must be in the ranges 00 through 12, 21 through 32, 61 through 72, or 80. (Batch rejection)	ReceivingDI	
43.	ReceivingDFI	N		9	435	443	REQUIRED for Record Code "DN". The first two digits of the RTN must be in the ranges 00 through 12, 21 through 32, 61 through 72, or 80. (Batch rejection)	ReceivingDFI	
44.	Business Function Code	A	CTR BTR CTP CKS DEP DRW DRC	3	444	446	REQUIRED for Record Code "DW" only. Must be one of the following values listed in the Field Value column. (Batch rejection)	Fedwire Business Function Code	
45.	IMAD	AN		22	447	468	n/a	IMAD	
46.	OMAD	AN		22	469	490	n/a	OMAD	

Detail Payment Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	Stored Name	Notes
47.	ACH_TraceNumber	N		15	491	505	n/a	ACH Trace Number	The trace number for the payment as sent in the FedACH file.
48.	ACH_Transaction Code	N	22, 32, 42, 52	2	506	507	If filled for Record Code “DN” must be one of the values in the “Field Value / Format” column.	ACH Transaction Code	22 [Automated Checking Account Deposit], 32 [Automated Savings Account Deposit], 42 [Automated General Ledger Deposit, 52 [Automated Loan Account Deposit]
49.	ACH_OriginalTraceNumber	N		15	508	522	n/a	ACH Original Trace Number	Provide for ACH returns
50.	ACH_Return Reason Code	AN		3	523	525	If filled for Record Code “DA” must be a valid reason code per NACHA.	ACH Return Reason Code	
51.	Payer Mechanism	AN	Electronic, Check, Western Union,	20	526	545	If filled, for Record Code “DI” must be one of the values in the “Field Value / Format” column.	Payer Mechanism	
52.	Original Currency Code	AN		3	546	548	If filled, must be valid currency code. Currency codes can be found at: http://www.oanda.com/help/currency-iso-code-country (Batch rejection)	Currency Code	The currency with which the payment was made.

Detail Payment Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	Stored Name	Notes
53.	BusinessIdentifierCode	AN		11	549	559	n/a	BusinessIdentifierCode	
54.	Original Schedule Number	AN		14	560	573	REQUIRED for Record Code "DA". (Batch rejection)	Original Batch Number	
55.	Original PaymentID	AN		20	574	593	REQUIRED for Record Code "DA". (Batch rejection)	Original Payment ID	
56.	Original Summary Date	N	CCYY-MM-DD	10	594	603	REQUIRED for Record Code "DA". (Batch rejection)	Original Voucher Date	
57.	DFI_AccountNumber	AN		50	604	653	n/a	DFI_Account Number	
58.	Check Serial Number	N		8	654	661	REQUIRED - TCIS TCIS validations for Record Code "DC": 1) Value must be 8 digits. 2) Check serial number must be authorized and the check range must be open 5) Check serial number must not be processed. There should not be a duplicate issue check serial number 6) First check serial number should match the first check serial number in the batch	Check Serial Number	

Detail Payment Record									
#	Field Name	Type	Field Value / Format	Length	Start Position	End Position	Validation rules	Stored Name	Notes
							header record 7) Check serial number should be sequential.		
59.	Check Issue Date	N	YYYY MMDD	8	662	669	REQUIRED - TCIS TCIS Validations for Record Code "DC": 1) Issue Date must be within the accounting month and year that was reported in the batch record. 2) Issue Date must be greater than or equal to the ALC open date. 3) Issue date must not be older than 180 days from current system date. 4) Issue date must not be more than 30 days in the future.	Check Issue Date	
60.	AgencyPaymentTypeCode	AN		1	670	670	n/a	n/a	This is the Check Payment Type from CPR format.
61.	Filler			180	671	850	n/a	n/a	

2.4 Party Record

This record includes details related to the payee and other parties entitled to the payment. At least one record is required for all Detail Payment Records. Additional records may be needed to account for special circumstances such as joint payments or payments made to a representative payee. For example, if a payment is payable to a party such as a representative payee two records should be provided – one for the payee with an IsRepresentativePayee? Value of “1” and one for the beneficiary of the payment.

Party Record									
#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
62.	Record Code	AN	DX	2	1	2	REQUIRED. (File rejection)	n/a	
63.	PaymentID	AN		20	3	22	REQUIRED. Must match a Payment ID in Detail Record. (File rejection)	Payment ID	
64.	PartyName	AN		150	23	172	REQUIRED for Record Code “DN”, “DW”, “DC” and “DI” (Batch rejection)	Party Name	
65.	IsRepresentativePayee?	N	1 0	1	173	173		Is Representative Payee	Describes the payee’s entitlement to the funds. 1=representative payee Default to zero.
66.	FirstName	AN		50	174	223	n/a	First Name	
67.	MiddleName	AN		50	224	273	n/a	Middle Name	
68.	SurName	AN		50	274	323	n/a	SurName	
69.	NameSuffix			5	324	328	n/a	Name Suffix	
70.	TIN	N		9	329	337	n/a	TIN	
71.	TIN_Code	AN	SSN EIN ITIN UNK	4	338	341	n/a	TIN_Code	Social Security Number "SSN" Employer Identification Number "EIN"

Party Record									
#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
									Individual Taxpayer Identification Number "ITIN" or Unknown "UNK"
72.	DUNS_Number	N		9	342	350	n/a	DUNS_Number	
73.	Filler			500	351	850		n/a	

2.5 TAS/BETC Record

Zero to 100 unique TAS/BETC per payment allowed; maximum 1000 unique TAS/BETC per batch. CARS Reporters as designated in SAM are required to submit at least one TAS/BETC record per payment.

TAS/BETC Record									
#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
74.	Record Code	AN	DT	2	1	2	If filled, must be valid record code. (File rejection)	n/a	
75.	PaymentID	AN		20	3	22	REQUIRED if record is present. Must match a Payment ID in Detail Record. (File rejection)	Payment ID	
76.	Sub-levelPrefixCode	AN		2	23	24	If filled, must be a valid value in SAM. (Batch rejection)	TAS Sub-level Prefix Code	

TAS/BETC Record									
#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
77.	AllocationTransfer AgencyIdentifier	AN		3	25	27	If filled, must be a valid value in SAM.(Batch rejection)	TAS Allocation Transfer Agency Identifier	
78.	AgencyIdentifier	AN		3	28	30	REQUIRED for CARS Reporters. If filled, must be a valid value in SAM.(Batch rejection)	TAS Agency Identifier	
79.	BeginningPeriodOfAvailability	AN		4	31	34	If filled, must be a valid value in SAM.(Batch rejection)	TAS Beginning Period of Availability	
80.	EndingPeriodOfAvailability	AN		4	35	38	If filled, must be a valid value in SAM.(Batch rejection)	TAS Ending Period of Availability	
81.	AvailabilityTypeCode	AN		1	39	39	If filled, must be a valid value in SAM.(Batch rejection)	TAS Availability Type Code	
82.	MainAccountCode	AN		4	40	43	REQUIRED for CARS Reporters. If filled, must be a valid value in SAM. (Batch rejection)	TAS Main Account Code	

TAS/BETC Record									
#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
83.	Sub-accountCode	AN		3	44	46	REQUIRED for CARS Reporters. If filled, must be a valid value in SAM. (Batch rejection)	TAS Sub-Account Code	
84.	BusinessEvent TypeCode	AN		8	47	54	REQUIRED for CARS Reporters. If filled, must be a valid value in SAM. If BETC is defined as a credit in SAM and multiple TAS/BETC records are supplied for one payment ID, the TAS/BETC amount is negative for purposes of summing TAS/BETC amounts to balance against the payment amount. If BETC is defined as a debit in SAM and multiple TAS/BETC records are supplied for one payment ID, the TAS/BETC amount is positive for purposes of summing TAS/BETC amounts to balance against the payment amount..(Batch rejection)	BETC	
85.	Amount	N		20	55	74	REQUIRED if record is present. Sum of all amounts must be equal to the payment amount in the Detail Record.	TAS/BETC Amount	

TAS/BETC Record									
#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
							(Batch rejection)		
86.	IsCredit?	N	1 0	1	75	75		n/a	For future use.
87.	Filler			775	76	850	n/a	n/a	

2.6 Procurement Record

This record should be provided for all vendor payments where contract data is available.

Procurement Record									
#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
88.	Record Code	AN	DP	2	1	2	If filled, must be valid record code. (File rejection)	n/a	
89.	PaymentID	AN		20	3	22	REQUIRED if record is present. Must match a Payment ID in Detail record. (File rejection)	Payment ID	
90.	ProcurementInstrumentIdentifier	AN		50	23	72	n/a	ProcurementInstrumentIdentifier	
91.	ProcurementAgencyIdentifier	AN		4	73	76	n/a	ProcurementAgencyIdentifier	

Procurement Record									
#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
92.	IDV_ProcurementInstrumentIdentifier	AN		50	77	126	n/a	IDV_ProcurementInstrumentIdentifier	
93.	IDV_ProcurementAgencyIdentifier	AN		4	127	130	n/a	IDV_ProcurementAgencyIdentifier	
94.	Amount	N		20	131	150	REQUIRED if more than one record is present. Sum of all amounts for a payment ID must be equal to the payment amount in the associated detail payment data record. (Batch rejection)	Procurement Amount	
95.	Filler			700	151	850	n/a	n/a	

2.7 Batch Trailer Control Record

Batch Trailer Control Record

#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
96.	Record Code	AN	BT	2	1	2	REQUIRED (File rejection)	n/a	
97.	TotalCount	N		8	3	10	REQUIRED (Batch rejection)	n/a	See Validation for Balancing for additional rules.
98.	TotalAmount	N		20	11	30	REQUIRED (Batch rejection)	n/a	See Validation for Balancing for additional rules.
99.	Filler			820	31	850	n/a	n/a	

2.8 File Trailer Control Record

File Trailer Control Record									
#	Field Name	Type	Field Value	Length	Start Position	End Position	Validation rules	Stored Name	Notes
100.	Record Code	AN	FT	2	1	2	REQUIRED (File rejection)	n/a	
101.	TotalCount_Records	N		18	3	20	REQUIRED (File rejection)	n/a	See Validation for Balancing for additional rules.
102.	TotalCount	N		18	21	38	REQUIRED (File rejection)	n/a	See Validation for Balancing for additional rules.
103.	TotalAmount	N		20	39	58	REQUIRED (File rejection)	n/a	See Validation for Balancing for additional rules.
104.	Filler			792	59	850	n/a	n/a	

3 Appendices

3.1 Appendix A: Glossary of Terms

Field Name	Definition
ACH_OriginalTraceNumber	Contains the Trace Number as originally included on the Entry being returned or acknowledged or on the Prenotification being rejected or corrected.
ACH_ReturnReasonCode	The standard NACHA code received with an ACH return item which indicates the reason for the return.
ACH_TraceNumber	Identifies each entry within a batch in an ACH input file.
ACH_TransactionCode	A code that identifies various types of debit and credit transactions. Portions of the code value can also be used to identify the account type associated with the transaction.
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.
AllocationTransferAgencyIdentifier	Represents the agency receiving funds through an allocation transfer.
Amount	The dollar amount of the transaction.
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 (GWA-compliant) Financial Management Systems.
BusinessFunctionCode	A code that identifies the type of business the Fedwire Message represents. CTR [Customer Transfer], BTR [Bank Transfer], CTP [Customer Transfer Plus], CKS [Check Same Day Settlement Wire], DEP [Deposit to Sender's Account], DRW [Drawdown Response], DRC [Customer or Corporate Drawdown].
BusinessIdentifierCode	8 or 11 character SWIFT address of the receiving institution for international transactions.

Field Name	Definition
Check Accounting MonthAndYear	The accounting month under which the check issues in the batch will be reported to GWA.
Check First Serial Number	The first serial number in a set of checks.
Check Serial Number	A number up to eight digits that uniquely identifies a particular check issued under the RFC or NTDO disbursing symbol.
Check Symbol Number	A four digit number within the range of 1000 and 9998 which uniquely identifies the agency issuing the U.S. Treasury check. The check symbol number is printed on the upper right-hand corner of the check as the first four digits preceding the check serial number.
CheckBatchCreationDate	The date the set of checks was printed
CheckIssueDate	The date of payment inscribed on the check.
CityName	Contains the name of the city.
Consular Code	A predefined code used between Treasury and USPS. Indicates the code for mailing bulk check shipments to non-US countries via the consulate.
Country Code	The ISO Country Code.
DFI_Account Number	The payee's account at a financial institution
Disbursing Office Symbol	A number assigned to the agency (RFC or NTDO) which is disbursing funds from Treasury General Account.
DUNS_Number	The Dunn and Bradstreet Identification Number is a unique nine-character number that identifies an organization.
EndingPeriodOfAvailability	Identifies the last year of availability under law that an account (annual and multiyear) may incur new obligations.
FirstName	A name that precedes one's surname.
ForeignPostalCode	A code added to a foreign address line, typically for the purpose of sorting mail.
IDVProcurementAgencyIdentifier	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.
IDVProcurementInstrument Identifier	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.
IMAD	Input Messaging Accountability Data: A combination of a date, source identifier, and sequence number assigned to a Fedwire message when it is processed by the Federal Reserve Bank Funds Transfer application.
InputSystem	Identifies the sending entity. Used to identify the name of the agency (or RFC) sending the SRF.
IsCourtesyCheck?	A code that indicates whether the check is a regular check or a check that is reissued as a special service to certain agencies by an RFC. "1" = courtesy check; "0" = regular check.

Field Name	Definition
IsCredit?	Identifies whether the TAS/BETC is a credit or debit.
IsRepresentativePayee?	Identifies whether the recipient is a representative for the beneficiary.
IsVoidedCheck?	Indicates whether the check has been voided in the process of printing “1”=voided check “0”=regular check.
MainAccountCode	Identifies the type and purpose of the fund.
MiddleName	A person's name after the first name and before the surname.
NameSuffix	A part of a name that follows the last name.
OMAD	Output Messaging Accountability Data: A combination of a date, destination identifier, and sequence number assigned to a Fedwire message when it is processed by the Federal Reserve Bank Funds Transfer application.
Original Currency Code	This code list defines the enumerated types of standard 3-letter ISO currency codes.
Original Payment ID	The payment ID of the original item when a returned item is being reported.
Original Schedule Number	The batch number of the original transaction used to match adjustment batches to the original batch in PIR.
Original Summary Date	The date of the original voucher in an adjustment transaction.
Originating DI	The Routing Transit Number (RTN) used by the agency as the “sender” of a wire transaction. Routing number is used synonymously as ABA routing number and routing transit number.
OriginatingDFI	The Routing Transit Number (RTN) used by the agency as the “sender” of a ACH transaction. Routing number is used synonymously as ABA routing number and routing transit number.
PayeeAddressLine1-4	The street address belonging to the payee named in the Detail Payment Record.
PayeeIdentifier	Account number used internally by an agency to identify a payee.
PartyName	Contains the full name of a payee. The name of the party whether individual or organization.
PayeeName	The person to which the payment instrument is made payable.
Payer Mechanism	Identifies the delivery mechanism of a payment executed via ITS.gov.
Payment ID	Unique payment identifier for associating all related records for the payment.
PaymentTypeCode	The type of payment as defined in the Treasury Financial Manual (TFM).
PostalCode	A code of letters and/or digits added to an address line. (Zip code)
PostalCodeExtension	4-digit extension of postal code.
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.
ProcurementInstrumentIdentif	The unique identifier for each contract, agreement or order associated with the payment.

Field Name	Definition
er	
ReceivingDFI	The routing number of the payee's bank for ACH transactions. Routing number is used synonymously as ABA routing number and routing transit number.
ReceivingDI	The routing number of the payee's bank for wire transactions. Routing number is used synonymously as ABA routing number and routing transit number.
Record Code	A set record identifier used to specify the type of record in the file.
RegionName	Identifies the foreign state, territory, or province name.
ScheduleNumber	A number assigned by the agency to identify a set of payments.
VersionIdentifier	Identifies the version of the SRF used to prepare the file, e.g. 100
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 effect 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.
StateCode	The US state code as managed by the USPS (United States Postal Service) .
Sub-accountCode	Identifies an available receipt or other Treasury-defined subdivision of the main account.
Sub-levelPrefixCode	When populated, represents a programmatic breakdown of the account for Treasury publication purposes.
Summary Total Amount	Dollar amount of the voucher.
Summary Date	Date indicated on the voucher.
SummaryNumber	The number of the summary record, for example the deposit ticket number or the debit voucher number.
SurName	The name borne in common by members of a family.
TIN	The payee's Taxpayer Identification Number (TIN), Vendor ID, SSN, or other valid Payee ID.
TIN_Code	Indicates the type of Tax Identification Number.
TotalAmount	Total amount of the payment request file. Used to verify the integrity of the file.
TotalCount	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.
VoucherFormCode	Identifies the type of voucher record, i.e., 215, 5515, etc.