

# CBP Automated Manifest Interface Requirements

Importer Security Filing (ISF-10, ISF-5)

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U.S. Customs and  
Border Protection



# Importer Security Filing (ISF-10, ISF-5)

This transaction set is final and conforms to the published Importer Security Filing and Additional Carrier Requirements interim final rule. It will continue to be posted on this page for the ease of the Trade but will be incorporated in the AMS CAMIR in the coming months.

*This chapter provides records that allow the Importer Security Filing (ISF-10 and ISF-5) data elements to be transmitted to USCBP using the CAMIR format.*

**TRANSACTION PROCESSING** ..... [ISF-3](#)

**IMPORTER SECURITY FILING INFORMATION (ISF-10)**... ..... [ISF-5](#)

**IMPORTER SECURITY FILING INFORMATION FOR FROB, T&E, IE (ISF-5)**..... [ISF-5](#)

**INPUT RECORD USAGE MAPS**..... [ISF-6](#)

This section describes the Mandatory/Conditional/Optional designation for each record, relationships between records, and looping constraints for filing ISF-10 and ISF-5.

**OUTPUT RECORD USAGE MAP**..... [ISF-8](#)

This section describes the Mandatory/Conditional designation for each output record, relationships between records, and looping constraints.

## RECORD DESCRIPTIONS

**Record Identifier ACR** .. ..... [ISF-11](#)

The Transaction Control Header (ACR) Record provides data element descriptions and format requirements for the record beginning a transaction file.

**Record Identifier SF10**... ..... [ISF-12](#)

A mandatory record that provides the ISF Importer number to which the ISF submission is related

**Record Identifier SF13**... ..... [ISF-17](#)

This is a conditional input record that provides additional details for the shipment. This record is required when a Shipment Type '11' is provided in the SF10 record; otherwise, it is optional.

**Record Identifier SF15**... ..... [ISF-18](#)

This is a mandatory record that provides a shipment reference identifier that will be used to associate the ISF-10 information with the related commercial filing for the bill of lading number

**Record Identifier SF20**... ..... [ISF-20](#)

This is a conditional record that provides additional reference information.

- Record Identifier SF25 ..** ..... [ISF-22](#)  
This is an optional record that is used to report information for each container.
- Record Identifier SF30...** ..... [ISF-23](#)  
A mandatory record that identifies the type and name of the commercial entity being reported.
- Record Identifier SF31...** ..... [ISF-26](#)  
An optional record that provides the secondary name of the commercial entity.
- Record Identifier SF35...** ..... [ISF-27](#)  
A conditional record that is used to report the street number, street name and additional addressing information, such as the suite/floor number and building name.
- Record Identifier SF36...** ..... [ISF-28](#)  
A conditional record that is used to report geographical data pertaining to the city, state/province, postal and country.
- Record Identifier SF40...** ..... [ISF-29](#)  
A mandatory record used to provide the Harmonized Tariff Schedule (HTS) commodity code and the country of origin where the goods were manufactured, produced or grown.
- Record Identifier SF50...** ..... [ISF-30](#)  
A conditional record that is used only if the shipment is FROB (Foreign Remain On Board) or In-bond export types 62 TE (Transportation and Exportation) and 63 IE (Immediate Exportation). This record provides the foreign port of destination and the inward foreign destination if the goods are moving beyond the foreign port of discharge.
- Record Identifier SF90 (Output Only) .....** ..... [ISF-31](#)  
This is a mandatory output record used to provide acceptance/rejection information to the entity that filed the ISF-10 or ISF-5 data set.
- Record Identifier ZCR ..** ..... [ISF-32](#)  
The Transaction Control Trailer (ZCR) Record provides data element descriptions and format requirements for the record ending a transaction file.

## **TRANSACTION PROCESSING**

Importer Security Filing (ISF) processing in this submission will be available to both ABI entry filers using the CATAIR format as well as non-entry filing trade partners using the CAMIR and X12 formats. This transaction set is derived from records created for use in the Automated Broker Interface (ABI) application. The records presented in this chapter are transmitted to USCBP, wrapped in the standard CAMIR “ACR/ZCR” envelope as set forth in the CAMIR handbook.

To delete a previously accepted Importer Security Filing, only the SF10 record containing the ISF transaction number previously provided in the SN output transaction and the SF20 record containing the FC Code Qualifier. The Mandatory/Conditional status indicated for all other records applies to “Add” or “Replace” actions only.

This input transaction set uses an Application Identifier (on ACR record) of “SF”, and the response from USCBP will use an Application Identifier (on ACR record) of “SN”.

This chapter provides descriptions and format requirements for each data element contained within an ISF-5 or ISF-10 input or output response record. Format the accumulated data into the prescribed record formats as outlined in this chapter. Refer to the sections on Input Record Usage Maps and Output Record Usage Map for a layout of mandatory, conditional, and optional records and looping structures.

### **General Rules**

Unused fields, which are defined as numeric, should not be zero-filled. These fields should be space filled or data errors may result.

Spaces should be transmitted in all data elements marked “Filler”. If data is present in filler fields, an error message may result.

Transmit ONLY uppercase ENGLISH alphabetic data. While some applications may not return specific error messages when detecting lower-case letters, USCBP cannot guarantee the consistency of processing results for data transmitted in lower case.

Transmit ONLY displayable characters found on a standard keyboard. Do not transmit low-values, carriage return characters, or other non-standard character.

## **Data Elements**

The data element descriptors are defined as:

<b>Code</b>	<b>Description</b>
<b>A</b>	The data element is alphabetic only.
<b>AN</b>	The data element is alphanumeric only.
<b>C</b>	The data element is special characters.
<b>N</b>	The data element is numeric only.
<b>X</b>	The data element is alphanumeric or special characters.

All data elements are in fixed-length format. If all positions are not filled, the formatting rules are:

<b>Code</b>	<b>Description</b>
<b>A</b>	Left justify and space-fill.
<b>AN</b>	Left justify and space-fill.
<b>C</b>	Left justify and space-fill.
<b>N</b>	Right justify and zero-fill.
<b>X</b>	Left justify and space-fill.

**Note:** If there is no data to insert in a field, it must be space-filled.

## **IMPORTER SECURITY FILING INFORMATION (ISF-10)**

Manufacturer Name and Address  
Seller Name and Address  
Buyer Name and Address  
Ship to Name and Address  
Scheduled Container Stuffing Location  
Consolidator name and address  
Importer of Record  
Consignee identification number  
Country of origin where goods were manufactured, produced or grown  
Harmonized Tariff Schedule at minimum 6-digit level

## **IMPORTER SECURITY FILING INFORMATION FOR FROB, T&E, IE (ISF-5)**

Booking Party Name and Address  
Foreign Port of Unlading  
Place of Delivery  
Ship to Name and Address  
Harmonized Tariff Schedule at minimum 6-digit level

## INPUT RECORD USAGE MAPS

The following tables illustrate how the automated interface expects repeating groups to be structured within an ISF-10 or ISF-5 input message.

### ISF-10 Input Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
<a href="#">ACR</a>	Transaction Control Header	M	1		
	ISF Grouping	M		999	
<a href="#">SF10</a>	Importer Security Filing Header	M	1		
<a href="#">SF15</a>	Shipment Reference Identifier	M	999		
<a href="#">SF20</a>	Reference Identifier	M	999		
<a href="#">SF25</a>	Container/Equipment	O	999		
	Entity Grouping	M		999	1
<a href="#">SF30</a>	Entity Name and Type	M	1		
<a href="#">SF31</a>	Entity Secondary Name	O	1		
<a href="#">SF35</a>	Entity Address	C	3		
<a href="#">SF36</a>	Entity Geographic Area	C	1		
<a href="#">SF40</a>	Harmonized Tariff Schedule	C	999		2
<a href="#">ZCR</a>	Transaction Control Trailer	M	1		

Designation: M = Reporting Mandatory; C = Reporting Conditional; O = Reporting Optional

### Note 1:

Typically, ISF Filers will submit all SF30/SF31/SF35/SF36 Entity records for Importer of Record, Consignee, Seller, Buyer, Ship To, Stuffing Location, and Consolidator followed by all SF30/SF31/SF35/SF36 Entity records for Manufacturers.

### Note 2:

At least 1 and up to 999 Harmonized Tariff (SF40) records MUST be included in the Entity Grouping for each Manufacturer. Harmonized Tariff (SF40) records are not included as part of the Entity Grouping for Importer of Record, Consignee, Seller, Buyer, Ship To, Stuffing Location, and Consolidator.

**ISF-5 Input Record Usage Map:**

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
<a href="#">ACR</a>	Transaction Control Header	M	1		
	ISF Grouping	M		1	
<a href="#">SF10</a>	Importer Security Filing Header	M	1		
<a href="#">SF15</a>	Shipment Reference Identifier	M	999		
<a href="#">SF20</a>	Reference Identifier	M	999		
<a href="#">SF25</a>	Container/Equipment	O	999		
	Entity Grouping	M		999	1
<a href="#">SF30</a>	Entity Name and Type	M	1		
<a href="#">SF31</a>	Entity Secondary Name	O	1		
<a href="#">SF35</a>	Entity Address	C	3		
<a href="#">SF36</a>	Entity Geographic Area	C	1		
	Harmonized Tariff Schedule Grouping	M		999	2
<a href="#">SF40</a>	Harmonized Tariff Schedule	M	1		
	FROB Shipment Information Grouping	C		1	
<a href="#">SF50</a>	FROB Shipment Information	M	1		
<a href="#">ZCR</a>	Transaction Control Trailer	M	1		

Designation: M = Reporting Mandatory; C = Reporting Conditional; O = Reporting Optional

**Note 1:**

For ISF-5 submissions, SF30/SF31/SF35/SF36 Entity records are required only for the Ship To and Booking Party. Manufacturers are not included as entities for ISF-5 submissions.

**Note 2:**

At least 1 and up to 999 Harmonized Tariff Schedule (SF40) records must immediately follow the last SF30/SF31/SF35/SF36 Entity records.

## OUTPUT RECORD USAGE MAP

Conditional output records and fields will be populated only if the corresponding records and fields were included in the original or amended ISF submission.

The following tables illustrate how the automated interface will structure repeating groups within an ISF-10 or ISF-5 output response message.

### Importer Security Filing Output Response Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
<a href="#">ACR</a>	Transaction Control Header	M	1		
	ISF Grouping	M		1	1
<a href="#">SF10</a>	Importer Security Filing Header	M	1		
<a href="#">SF90</a>	Error Record	C	10		
	Shipment Reference Identifier Grouping	M		999	1
<a href="#">SF15</a>	Shipment Reference Identifier	M	1		
<a href="#">SF90</a>	Error Record	C	10		
	Reference Identifier Grouping	C		999	2
<a href="#">SF20</a>	Reference Identifier	M	1		
<a href="#">SF90</a>	Error Record	C	10		
	Container/Equipment Error Grouping	C		999	3
<a href="#">SF25</a>	Container/Equipment	M	1		
<a href="#">SF90</a>	Error Record	M	10		
	Entity Grouping	C		999	
	Entity Name and Type Error Grouping	M		1	4
<a href="#">SF30</a>	Entity Name and Type	M	1		
<a href="#">SF90</a>	Error Record	C	10		
	Entity Secondary Name Error Grouping	C		1	3
<a href="#">SF31</a>	Entity Secondary Name	M	1		
<a href="#">SF90</a>	Error Record	M	10		
	Entity Address Error Grouping	C		3	3
<a href="#">SF35</a>	Entity Address	M	1		
<a href="#">SF90</a>	Error Record	M	10		
	Entity Geographic Area Error Grouping	C		1	3
<a href="#">SF36</a>	Entity Geographic Area	M	1		
<a href="#">SF90</a>	Error Record	M	10		
	Harmonized Tariff Grouping (for ISF-10)	C		999	3
<a href="#">SF40</a>	Harmonized Tariff Schedule	M	1		
<a href="#">SF90</a>	Error Record	M	10		

	Harmonized Tariff Grouping (for ISF-5)	C		999	3				
<a href="#"><u>SF40</u></a>	Harmonized Tariff Schedule	M	1						
<a href="#"><u>SF90</u></a>	Error Record	M	10						
	FROB Shipment Error Grouping	C		1	3				
<a href="#"><u>SF50</u></a>	FROB Shipment Information	M	1						
<a href="#"><u>SF90</u></a>	Error Record	M	10						
<a href="#"><u>SF90</u></a>	Accept/Reject Message	M	1		5				
<a href="#"><u>ZCR</u></a>	Transaction Control Trailer	M	1						

Designation: M = Reporting Mandatory; C = Reporting Conditional

**Note 1:**

The ISF Header (SF10) record and Shipment Reference Identifier (SF15) records are always returned in the response to an ISF-5 or ISF-10 submission. For errors on SF10 or SF15 records, one or more Error (SF90) records will immediately follow the record in error.

**Note 2:**

The SF20 will be returned if it was provided by the sender. For errors on an SF20 record, one or more Error (SF90) records will immediately follow the record in error.

**Note 3:**

The Container/Equipment (SF25) record, Entity Secondary Name (SF31) record, Entity Address (SF35) record, Entity Geographic Area (SF36) record, Harmonized Tariff Schedule (SF40) record, and FROB Shipment Information (SF50) record are only returned when reporting errors. One or more Error (SF90) records will immediately follow each record in error.

**Note 4:**

The Entity Name and Type (SF30) group header record is returned whenever there is an error on any record within the given Entity Grouping (SF30, SF31, SF35, and SF36 records and SF40 records for ISF-10). For errors on an SF30 record, one or more Error (SF90) records will immediately follow the record in error.

**Note 5:**

A final SF90 record is included for each ISF Grouping in the ISF-5 or ISF-10 response message indicating the acceptance or rejection status of the ISF data.

The following examples illustrate output response message set record sequencing:

Error Free input: ACR, SF10, SF15, SF20, SF90, ZCR.

Input with error: ACR, SF10, SF15, SF20, SF30, SF36 record with error data, SF90 record with Narrative Error Text, SF90 with position 5-6 populated, ZCR.

## Record Identifier ACR

### Transaction Control Header Record

This record signals the beginning of a transaction file.

<b>Record Identifier ACR</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	3A	1-3	M	Must always equal ACR.	
AMS User Code	4AN	4-7	M	A code representing the transmitter of the ISF.	
Filler	6AN	8-13	M	Space fill..	
Application Identifier	2A	14-15	M	A code representing the type of application detail data contained within the block.  For ISF-5 or ISF-10 input transactions, set to SF.  In the outbound response messages, Application Identifier is SN.	
Date	6N	16-21	C	A date in YYMMDD (year, month, day) format representing the date of processing.	<i>1</i>
Time	6N	22-27	C	A time in HHMMSS (hours, minutes, seconds) format representing the time of processing. Eastern Standard/Daylight Time should be reported.	<i>1</i>
Batch Number	5N	28-32	C	A USCBP-generated 5-position numeric code from 00001 to 99999. The batch number is used in conjunction with the date of transmission to uniquely identify a user transmission.	<i>1</i>
Filler	48AN	33-80	M	Space fill.	

### **Note 1:**

This data is not transmitted by the participant in input transaction control records. It is returned to the participant in output transaction control records. Do not use this field on input.

## Record Identifier SF10

### Importer Security Filing Header Record

This is a mandatory header record that provides an ISF Importer Number associated with the ISF information.

<b>Record Identifier SF10</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF10.	
SF Submission Type	1N	5	M	Please see Note 1 for appropriate ISF Submission Type Codes.	1
Shipment Type Code	2N	6-7	M	Code identifying the type of shipment being submitted. 01 must be used for ISF-5.	2
Action Code	1A	8	M	A = Add, D = Delete, R = Replace	3
Action Reason Code	2X	9-10	C	CT = Complete Transaction FR = Flexible Range FT = Flexible Timing FX = Flexible Range and Flexible Timing	3
ISF Importer Number Qualifier	3X	11-13	M	Qualifier denoting the type of data provided in the ISF Importer Number field.	4
ISF Importer Number	15X	14-28	M	ISF Importer Number	4
Date of Birth	8N	29-36	C	Required if ISF Importer Number Qualifier = 'AEF' (Passport Number). Valid format for Date of Birth is MMDDYYYY.	
Mode of Transportation Code	2N	37-38	O	Ocean vessel non-containerized = '10' (Break Bulk) Ocean vessel containerized = '11'	
SF Transaction Number	15X	39-53	C	Unique transaction identifier assigned by USCBP	5
SCAC Identifier	4A	54-57	O	Standard Carrier Alpha Code	6
Bond Holder	15X	58-72	C	Identification number of the party whose bond is being obligated for the Importer Security Filing. See Note 6 for valid number formats.	7
Bond Activity Code	2AN	73-74	C	USCBP Identification code identifying the activity code of the bond being used .	7
Bond Type	1N	75	C	USCBP code identifying the bond type	7
Filler	3X	76-78	M	Space-fill	
Country of Issuance	2A	79-80	C	2-position ISO Country Code (ISO 3166-1) of country where passport was issued; Required if ISF Importer Number Qualifier = 'AEF' (Passport Number)	

**Note 1:**

Valid values for ISF Submission Type Codes are:

<b>Code</b>	<b>Description</b>
<b>1</b>	Importer Security Filing 10 (ISF-10) submission
<b>2</b>	Importer Security Filing 5 (ISF-5) submission
<b>3</b>	ISF-5 submission type is being changed to an ISF-10
<b>4</b>	ISF-10 submission type is being changed to an ISF-5

When one of the ISF-10 submission types is used, the SF data set must have an SF30 record for each of the following Entity Codes: MF, SE, BY, ST, CS, CN, IM and LG.

When one of the ISF-5 submission types is used, the ISF data set must have an SF30 record for each of the following Entity codes: BKP and ST.

Entity code list is on the SF30 record page of this chapter.

In cases where ISF Submission Types ‘3’ or ‘4’ have been used and another replace transaction must be submitted to CBP, please continue to use these ISF Submission Types. DO NOT use ‘1’ or ‘2’ after you have modified an ISF using ‘3’ or ‘4’.

**Note 2:**

Valid values for shipment type code are:

- 01 = Standard or regular filings
- 02 = To Order Shipments
- 03 = Household Goods / Personal Effects (HHG / PE)
- 04 = Military, Government
- 05 = Diplomatic Shipment
- 06 = Carnet
- 07 = US Goods Returned
- 08 = FTZ Shipments
- 09 = International Mail Shipments
- 10 = Outer Continental Shelf Shipments
- 11 = Informal

Shipment Type Code must = 01 when submitting ISF Submission Type 2 (ISF-5)

Shipment Type 11 is used for low-value shipments where formal entry is not required. When this shipment type is used, the SF data set must have an SF13 record with a valid shipment sub-type, an estimated value (U.S. dollars), estimated quantity (smallest external packaging units), and estimated weight (kg or lbs) of the shipment. A bond will not be required to cover the ISF requirements for eligible shipments.

**Note 3:**

For a “Delete” Action Code, only the SF10 record is required to be submitted with the SF transaction number that was previously provided in the SN output transaction. The SF20 record with the Code Qualifier FC is also required.

For Action Reason Code, it is mandatory that one of the following codes be provided when action code is ‘A’ (Add) or ‘R’ (Replace):

**CT = Complete Transaction** – All data is present, no special flexibility rules apply. If “CT” is used, the ISF can be updated if necessary, but CBP does not require the ISF to be updated.

**Note 3 - Continued:**

**FR = Flexible Range** – A range of data for the Manufacturer, Ship To party, Country of Origin, or Commodity HTSUS number has been provided. The ISF must be updated as soon as better information becomes available, but never later than 24 hours prior to arrival. If “FR” is used, CBP expects to receive a timely update.

**FT = Flexible Timing** – The CS (Consolidator) and or LG (Stuffing location) has not been provided. The ISF must be updated as soon as better information becomes available, but never later than 24 hours prior to arrival. If “FT” is used, CBP expects to receive a timely update.

**FX = Flexible Range and Flexible Timing** - A range of data as described in “FR” has been provided and the CS (Consolidator) and or LG (Stuffing location) has not been provided. The ISF must be updated at a later date as soon as better information becomes available, but in no case later than 24 hours prior to arrival. If “FX” is used, CBP expects to receive a timely update.

**Note 4:**

The qualifiers for data element ISF Importer Number Qualifier (left justified) are:

- EI** = Employer Identification Number (IRS #)
- ANI** = USCBP-assigned Number
- 34** = Social Security Number
- AEF** = Passport Number\*
- 2** = Standard Carrier Alpha Code (SCAC)\*\*

\* The ‘AEF’ qualifier may only be used when the Shipment Type Code = 03, 05, or 06

\*\* The ‘2’ qualifier may only be used for ISF Submission Type 2.

Valid formats for the ISF Importer Number are:

- NN-NNNNNNNXX** Internal Revenue Service (IRS) Number
- YYDDPP-NNNN** USCBP Assigned Number
- NNN-NN-NNNN** Social Security Number
- XXXXXXXXXXXXXXXXXX** Passport Number

In these codes, N = number, X = alphanumeric, YY = the last two digits of the calendar year when the number is assigned, DDPP = the district/port code where the number is assigned.

If the ISF Importer Number is in the IRS number format and the last two positions are blank, the system may convert the blanks to zeros. Importer Security Filing output data may show the last two positions of the ISF Importer Number as zeros when two blanks were input.

**Note 4 - Continued:**

For goods intended to be entered into an FTZ (Foreign Trade Zone), for the purposes of the Importer Security Filing, the ISF Importer is deemed to be the Applicant for FTZ Admission and is the same “importer number” as would be reported in USCBP Form 3461. For example, if the IRS number is used on the USCBP Form 3461 or USCBP Form 7501 to identify the importer or record, then code EI would be used in data element ISF Importer Number Qualifier (left justified) and the IRS number reported in data element ISF Importer Number of this record.

**Note 5:**

USCBP will assign a unique ISF Transaction Number (FFFFNNNNNNNNNNNN) that will be returned in the SF10 record of the output response from USCBP to the ISF filer in the SN transaction set. FFFF=Filer code and NNNNNNNNNNNN=numeric sequence number. This field needs to be space filled if the Action Code is Add.

**Note 6:**

The SCAC of the vessel operator that is transporting the container.

**Note 7:**

A Bond Type 9 may only be used with a Bond Activity Code 16. If this condition is present, an SF20 is mandatory for both the Surety Code (V1) and the Bond Reference Number (SBN). Note: the Bond Reference Number is NOT the bond number.

Bond information is mandatory for all Add or Replace transactions when the Shipment Type code = 01, 02, 07, 08, or 10. Space fill for all other transactions.

Valid formats for the Bond Holder are:

<b>NN-NNNNNNNXX</b>	Internal Revenue Service (IRS) Number
<b>YYDDPP-NNNNN</b>	USCBP Assigned Number
<b>NNN-NN-NNNN</b>	Social Security Number

Valid Bond Activity codes are:

01	Importer or Broker
02	Custodian of Bonded Merchandise
03	International Carrier
04	Foreign Trade Zone Operator
16	ISF Bond

**Note 7 - Continued:**

Valid Bond Types are:

- 8      Continuous
- 9      Single Transaction

## Record Identifier SF13 (Input)

### Shipment Information Record

This is a conditional input record that provides additional details for the shipment. This record is required when a Shipment Type ‘11’ is provided in the SF10 record; otherwise, it is optional.

<b>Record Identifier SF13 (Input)</b>					
<b>Data Element</b>	<b>Length/Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF13.	
Shipment Sub-Type	2AN	5-6	M	Code identifying the Shipment Sub-Type.	1
Estimated Value	11N	7-17	M	Monetary Value in whole U.S. dollars. The value must be greater than zero (0).	
Estimated Quantity	11N	18-28	M	Smallest external packaging unit. Input only whole number; no decimals or fractions. The value must be greater than zero (0).	
Unit of Measure	3AN	29-31	M	A code representing the unit of measure for the estimated quantity. Valid unit of measure codes are listed in Appendix B of this publication. The standard generic unit of pieces (PCS) is acceptable when there are multiple units of measure associated with the shipment.	
Estimated Weight	11N	32-42	M	Weight in kilos or pounds. Input only whole numbers; no decimals or fractions. The value must be greater than zero (0).	
Weight Qualifiers	1A	43	M	K = Kilos, L = Pounds	
Filler	37X	44-80	M	Space fill.	

### **Note 1**

Valid values for Shipment Sub-Types are:

#### **Code Description**

- 01** Section 321 Shipments; see 19 USC § 1321
- 02** Informal Shipments; see 19 CFR § 143.21
- 03** General Note 3(e) Shipments; see General Note 3(e) to the Harmonized Tariff Schedule of the United States (HTSUS)

## Record Identifier SF15

### Shipment Reference Identifier Record

This is a mandatory record that provides a shipment reference identifier that will be used to associate the ISF information with the related commercial filing for the bill of lading number. A code is used to identify the type of bill of lading: regular or house.

<b>Record Identifier SF15</b>					
<b>Data Element</b>	<b>Length/Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF15.	
Code Qualifier	2A	5-6	M	Code identifying the type of shipment reference identifier	1
Shipment Reference Identifier	50AN	7-56	M	The bill of lading related to the Code Qualifier data element. This field must include the SCAC of the bill of lading issuer concatenated with the bill of lading number. Do not include spaces, hyphens, slashes or other special characters.	1
Filler	24X	57-80	M	Space-fill	

### Note 1:

Valid Code Qualifiers are:

**OB** = Ocean Bill of Lading – used for Regular Bills

**BM** = House Bill of Lading

For purposes of the Importer Security Filing, the following bill of lading definitions apply:

Regular Bill – is defined as a non-Master bill of lading with **NO UNDERLYING** house bills. For ISF, this is the bill reported to CBP in AMS, which is also referred to as “Straight Bill” or “Simple Bill”. If multiple Regular Bills are being reported, the SF15 record is repeated accordingly.

House Bill – is defined as a bill of lading issued under a Master Bill. For ISF, this is the House Bill reported to CBP in AMS. If multiple House Bills are being reported, the SF15 record is repeated accordingly.

Master Bill – is defined as a bill of lading covering at least one or more underlying House Bills. If the filer chooses to provide the optional Master Bill for the House Bills provided in the SF15 record(s), the Master Bill is reported in the SF20 record with an ‘MB’ qualifier. As with the SF15 record, multiple SF20 records are used to report multiple Master Bills.

**Note 1 – Continued:**

USCBP is requiring only the number for the bill of lading at the lowest level (i.e., the regular straight/simple bill of lading or house bill of lading) and not the master bill of lading number to be reported in an ISF.

## Record Identifier SF20

### Reference Identifier Record

This is a conditional record that provides additional reference information.

<b>Record Identifier SF20</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF20.	
Reference Identifier Qualifier	3AN	5-7	M	Code that defines the Reference Identifier.	1
Reference Identifier	50AN	8-57	M	When providing a Master Bill of Lading Number, this field must include the SCAC of the bill of lading issuer concatenated with the bill of lading number. Do not include spaces, hyphens, slashes or other special characters.	2
Filler	23X	58-80	M	Space-fill	

### Note 1:

Valid Reference Identifier Qualifiers are:

- FC Agent/Filer Code issued by Customs (4 character SCAC)
- 6B US CBP Entry Number
- 6C Carnet issuing Country Code and Carnet Number
- MB Master Bill of Lading Number
- SBN Bond Reference Number (Note: this is NOT the same as the bond number)
- V1 Surety Code
- CR User-defined Reference Number
- FN Full Name of ISF Filer

An SF20 containing the Agent/Filer code is mandatory

The Entry Number is optional.

The Master Bill Number is optional.

V1 and SBN are required if the Bond Activity is '16' and the Bond Type is '9'.

6C is required if Shipment Type Code = '06'

CR is an optional user-defined field that will be returned in both the SN and RC messages.

**Note 2:**

The entry number (6B) must be normalized and formatted as follows: FFFNNNNNNNNN.

When the Reference Identifier Qualifier = 6C, the Carnet issuing Country Code and Carnet Number must be provided in a concatenated format as follows:

2-digit Country Code (Carnet issuing Country) followed by Carnet Number.  
See CAMIR Appendix G for Country Codes.

## Record Identifier SF25

### Container/Equipment Record

This is an optional record that is used to report information for each container.

<b>Record Identifier SF25</b>					
<b>Data Element</b>	<b>Length /Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF25.	
Equipment Description Code	2X	5-6	M	Code that describes the equipment.	1
Equipment Initial	4A	7-10	M	Alpha prefix preceding the equipment serial number	
Equipment Number	15N	11-25	M	Serial number of the equipment	
Equipment Number Check Digit	1N	26	C	Check digit of the equipment number	2
Equipment Size Type Code	4AN	27-30	O	Code identifying the type of equipment.	3
Filler	50X	31-80	M	Space-fill	

### **Note 1:**

See CAMIR Appendix I for valid equipment description codes used in this application.

### **Note 2:**

Not all intermodal equipment have a check digit but if the equipment has a check digit, it must be reported in this location.

### **Note 3:**

See CAMIR Appendix I for valid equipment size type codes used in this application.

## Record Identifier SF30

### *Entity Name and Type Record*

This is a mandatory record that identifies the type of commercial entity whose identity is being reported.

When reporting a commercial entity, the SF30, SF35 and SF36 records must be used if the Entity Qualifier in the SF30 record is equal to code MF (Manufacturer), SE (Seller), BY (Buyer), ST (Ship To), CS (Consolidator), LG (Stuffing Location) or BKP (Booking Party). The SF35 and SF36 records provide parsed fields for address and geographical location reporting to accommodate the various conventions found in the formats of non US addresses. Alternatively, a DUNS number may be used instead of reporting name and address for any of these parties. Additionally, a FIRMS code may be used to report ST (Ship To). When a DUNS number or FIRMS code is used, only the SF30 record is required.

If the SF30 record contains the Entity code CN (Consignee) or IM (Importer of Record), then only the SF30 record is used to report the commercial entity. There can only be a single Importer of Record per ISF filing.

For each manufacturer loop, the SF30, SF31 (Optional), SF35, and SF36 records must be followed by the SF40 record(s) containing the Harmonized Tariff Schedule and Country of Origin information relevant to that manufacturer.

<b>Record Identifier SF30</b>					
<b>Data Element</b>	<b>Length/Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF30.	
Entity Code	3A	5-7	M	Code identifying the type of commercial entity being reported.	1
Entity Name	35X	8-42	C	The name of the entity identified by the Entity Code. This field must be blank if an Entity Identifier is used.	
Entity Identifier Qualifier	3X	43-45	C	This field must be used if the entity identifier is being supplied in lieu of name and address. This field is mandatory if the entity identifier is CN or IM.	2
Entity Identifier	20X	46-65	C	The code identified by the Entity Identifier Qualifier. This field is mandatory if the entity identifier is CN or IM.	2
Country Code and DOB	15X	66-80	C	This field is only required when using the Passport Number in the Entity Identifier field. The required data is the concatenated Country of Issuance and Date of Birth with space fill to 15 characters. When not using Passport Number in the Entity Identifier field, this field is to be Space-filled.	3

**Note 1:**

Entity Codes:

<b>Code</b>	<b>Description</b>
<b>MF</b>	Manufacturer/Supplier
<b>SE</b>	Selling Party
<b>BY</b>	Buying Party
<b>ST</b>	Ship To Party
<b>LG</b>	Scheduled Container Stuffing Location
<b>CS</b>	Consolidator
<b>BKP</b>	Booking Party
<b>CN</b>	Consignee
<b>IM</b>	Importer of Record

**Note 2:**

Valid values for Entity Identifier Qualifiers are:

- EI = Employer Identification Number (IRS #)  
Valid format is: **NN-NNNNNNNXX**  
This qualifier may only be used with Entity Codes **SE, BY, CN** or **IM**
  
- ANI = CBP-assigned Number  
Valid format is: **YYDDPP-NNNNN**  
This qualifier may only be used with Entity Codes **SE, BY, CN** or **IM**
  
- CIN = CBP encrypted Consignee ID  
Valid format is: **-CCCCCCCCC**  
This qualifier may only be used with Entity Codes **SE, BY, CN** or **IM**
  
- 34 = Social Security Number  
Valid format is: **NNN-NN-NNNN**  
This qualifier may only be used with Entity Codes **SE, BY, CN** or **IM**
  
- DUN = DUNS Number  
Valid format is: **NNNNNNNNN**  
This qualifier may only be used with Entity Codes **MF, SE, BY, ST, LG, CS,** or **BKP**
  
- DNS = DUNS+4 Number  
Valid format is: **NNNNNNNNNNNNN**  
This qualifier may only be used with Entity Codes **MF, SE, BY, ST, LG, CS,** or **BKP**

**Note 2 – Continued:**

FR = Facility Information Resource Management System (FIRMS) Code  
Valid format is: ANNN  
This qualifier may only be used with Entity Code **ST**

AEF = Passport Number  
Valid format is: XXXXXXXXXXXXXXXXX  
This qualifier may only be used with Entity Codes **CN** or **IM** if the Shipment Type is 03, 05, or 06 in the SF10 record.

In these codes, *A* = alpha, *N* = number, *X* = alphanumeric, *YY* = the last two digits of the calendar year when the number is assigned, *DDPP* = the district/port code where the number is assigned and *C* = alphanumeric or special character.

Use of the old USCBP-assigned number (NNNN-NNNN) expired July 1, 1992.

There can only be a single Importer of Record for an ISF.

**Note 3:**

The valid format for the Passport Country of issuance and DOB is a 2 character country code followed by DOB: CCMMDDYYYY

## Record Identifier SF31

### Entity Secondary Name Record

This is an optional record that provides a secondary name for the commercial entity reported in the previous SF30 record.

<b>Record Identifier SF31</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF31.	
Entity Code	3A	5-7	M	Code identifying the type of secondary name.	1
Entity Name	35X	8-42	M	The secondary name of the entity reported in the SF30 record.	
Filler	38X	43-80	M	Space-fill	

### Note 1:

Valid Entity Codes are:

<b>Code</b>	<b>Description</b>
<b>ALA</b>	Alternative Addressee
<b>DH</b>	Doing Business As
<b>DV</b>	Division
<b>NU</b>	Formerly Known As
<b>NV</b>	Formerly Doing Business As
<b>XD</b>	Alias (Other Names Used)

## Record Identifier SF35

### Entity Address Record

This is a conditional record used to transmit lines of the entity’s address data. Only either an Entity Name or an Entity Identifier can be provided for each SF30. If the SF30 record contains an Entity Name, then the SF35 and SF36 records must be used. If the SF30 record contains an Entity Identifier, then the SF35 and SF36 records are not used.

<b>Record Identifier SF35</b>					
<b>Data Element</b>	<b>Length/Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF35.	
Address Component Qualifier	2AN	5-6	M	Address Component Qualifier describing the Address Information data element	1
Address Information	35AN	7-41	M	Address Information corresponding to the Address Component Qualifier data element	
Address Component Qualifier	2AN	42-43	O	Address Component Qualifier describing the Address Information data element	1
Address Information	35AN	44-78	O	Address Information corresponding to the Address Component Qualifier data element	
Filler	2X	79-80	M	Space-fill	

### Note 1:

Valid Address Component Qualifiers are:

<b>Code</b>	<b>Description</b>
<b>01</b>	Street Number
<b>02</b>	Street Name
<b>05</b>	P.O. Box Number
<b>12</b>	Building Name
<b>13</b>	Apartment Number
<b>14</b>	Suite Number
<b>15</b>	Unstructured Street Address
<b>28</b>	Association Name
<b>30</b>	Pier
<b>31</b>	Wing
<b>32</b>	Floor Number
<b>35</b>	Room
<b>37</b>	Unit
<b>57</b>	Cross Street
<b>AK</b>	Building Number

## Record Identifier SF36

### Entity Geographic Area Record

This is a conditional record that provides data pertaining to the city, country, geographical sub entity code and postal code associated with the address of the entity reported in the SF30 record. Only either an Entity Name or an Entity Identifier can be provided for each SF30. If the SF30 record contains an Entity Name, then the SF35 and SF36 records must be used. If the SF30 record contains an Entity Identifier, then the SF35 and SF36 records are not used.

<b>Record Identifier SF36</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF36.	
City Name	35AN	5-39	M	The city portion of the address where the entity is located.	
Country Sub Entity Code	3AN	40-42	C	ISO subdivision code - <a href="http://www.unece.org/cefact/locode/service/sublocat.htm">http://www.unece.org/cefact/locode/service/sublocat.htm</a> . Space-fill if not applicable.	
Filler	6X	43-48	M	Space-fill	
Postal Code	15AN	49-63	C	Postal code (i.e. ZIP code in USA) Space-fill if no postal code is available.	
Country Code	2A	64-65	M	The International Standards Organization (ISO) country code representing the country portion of the address. A list of ISO country codes is found in Appendix G of the CAMIR handbook.	
Filler	15X	66-80	M	Space-fill.	

## Record Identifier SF40

### *Harmonized Tariff Schedule Record*

This is a mandatory record used to transmit the Harmonized Tariff Schedule commodity number, at a minimum of 6 digits, associated with the specific manufacturer loop for which this commodity is associated.

For the ISF-10, the SF30, SF31, SF35, and SF36 records for each manufacturer must be followed by the SF40 record(s) containing the Harmonized Tariff Schedule and Country of Origin information.

For the ISF-5, all SF40 records must be reported following the last commercial entity loop.

<b>Record Identifier SF40</b>					
<b>Data Element</b>	<b>Length/Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF40.	
Harmonized Number	10N	5-14	M	The code located in the <i>Harmonized Tariff Schedule of the United States Annotated</i> that represents the tariff number. Left justify the number. Only the first six digits of the code are mandatory; 8-digit and 10-digit Harmonized Tariff Schedule codes are optional.	
Country of Origin	2AN	15-16	C	The ISO code representing the country of origin where goods are produced, manufactured or grown. ISO codes are located in Appendix G of the CAMIR handbook.	1
Filler	64X	17-80	M	Space-fill.	

### **Note 1:**

Country of Origin is not required if the ISF submission is being made for FROB, IE or TE shipments, i.e. ISF-5.

## Record Identifier SF50

### *FROB Shipment Information Record*

This is a conditional record that is only required when the shipment is transiting the Customs territory of the United States as FROB (foreign remain on board), or under the provisions of In-Bond transportation for exportation Type 62 (Transportation and Exportation) and Type 63 (Immediate Exportation); the ISF Submission Type in record SF10 must equal code ‘2’ (ISF-5).

<b>Record Identifier SF50</b>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SF50.	
Code Qualifier	3X	5-7	M	Code that defines the reference source of data in Foreign Port of Unlading data element.	1
Foreign Port of Unlading	15AN	8-22	M	Code of foreign seaports used to report where cargo is unladen after export from the US.	
Code Qualifier	3X	23-25	M	Code that defines the reference source of the data the Place of Delivery data element.	1
Place of Delivery	15AN	26-40	M	Code used for city identification where delivery occurs in the foreign country beyond the port of unlading.	
Filler	40X	41-80	M	Space-fill	

### **Note 1:**

Valid codes are:

K = Valid codes for Schedule K (US Army Corps of Engineers Schedule K Code) can be found in appendix F.

UN = UNLoc codes (United Nations Location Code) can be found at <http://www.unece.org/cefact/locode/>

## Record Identifier SF90 (Output Only)

### *Error or Accept/Reject Message Record*

This is a mandatory output record used to provide acceptance/rejection information to the filer of the ISF-10 or ISF-5 data set.

If the ISF input is processed and found to be error free, USCBP will return the SF10 record; the SF15 record(s); the SF20 record(s), and SF90 records to the data processing site that provided the ISF-10 or ISF-5 input data set.

If the ISF input is processed and found to contain errors, USCBP will return the SF10 record, the SF15 record(s), and the SF20 record(s). Any record containing an error will be followed by a corresponding SF90 record. If an error occurs in records SF31, SF35 or SF36, the corresponding SF30 record will be returned along with the record containing the error. For an ISF-10, if an error occurs in record SF40, it will be returned with the corresponding SF30 record.

The SF20 will only be returned if it was provided by the sender.

**NOTE:** There are two types of SF90 records; a record-level SF90 and a message-level SF90. The record-level SF90 provides a description of the error related to a specific record. The message-level SF90 provides the status of the ISF filing.

<b>Record Identifier SF90 (Output)</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	4AN	1-4	M	Must always equal SF90.	
Message Type Code	2AN	5-6	M	01 = Message Rejected 02 = Message Accepted 03 = Message Accepted with Warning(s) 11 = Record Rejected 13 = Record Accepted with Warning	
Error Code	3AN	7-9	C	A code that identifies a record-level error.	
Narrative Message Text	40X	10-49	M	Narrative message text.	
Filler	31X	50-80	M	Space-fill	

## Record Identifier ZCR

### Transaction Control Trailer Record

This record signals the end of a transaction file.

<b>Record Identifier ZCR</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	3A	1-3	M	Must always equal ZCR.	
AMS User Code	4N	4-7	M	A code representing the transmitter of the ISF.	
Filler	6AN	8-13	M	Space fill.	
Application Identifier	2AN	14-15	C	Output application identifier. This data element is not included in input transactions (SF) but is returned to the ISF Filer in output transaction trailer records.  Application Identifier is SN for response to SF.	
Filler	19AN	16-34	M	Space fill.	
Number of Transaction Detail Records	5N	35-39	M	The total number of records transmitted (excludes the ACR and ZCR).	
Filler	41AN	40-80	M	Space fill.	