Automated Commercial Environment

309 Importer Security Filing (ISF)

November 2009

U.S. Customs and Border Protection

ace

309 U.S. CBP Importer Security Filing (ISF-10 and ISF-5)

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the U.S. Customs and Border Protection (USCBP) Stand Alone Security Filing using the (309) transaction set. This document is intended for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers, NVOCC's, brokers and/or Third Party contactors submitting on behalf of importers regarding cargo arriving in or departing from oceangoing vessels. Please Note the 'SF' Functional Group identifier should be used exclusively for Stand Alone ISF Filings.

This Implementation Guideline uses the ASC X12 5040 Standards Version/Release as its base. The transaction structure has been altered to accommodate U.S. Customs and Border Protection implementation requirements.

Notes:

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.
Importer Security Filing (ISF-10):
1. Manufacturer Name and Address
2. Seller Name and Address
3. Buyer Name and Address
4. Ship to Name and Address
5. Scheduled Container Stuffing Location
6. Consolidator Name and Address
7. Importer of Record
8. Consignee identification number
9. Country of origin where goods were manufactured, produced or grown
10. Harmonized Tariff Schedule at minimum 6-digit level

Importer Security Filing Information for FROB, T&E, and IE (ISF-5):
1. Booking Party Name and Address
2. Foreign Port of Unlading
3. Place of Delivery
4. Ship to Name and Address
5. Harmonized Tariff Schedule at minimum 6-digit level

The above Importer 5 data elements can be consolidated with the standard 309 Bill of Lading transaction set by including the above data elements at the locations identified in the appropriate USCBP implementation guide.

Special Messaging constraints:

Limit one Interchange (ISA-IEA) per message transmission.
Limit one message Group (GS-GE) per message transmission.
Multiple transaction sets (ST-SE) of the same Transaction Set Identifier Code (i.e., 309) are allowed per message transmission.
All elements included in this Guideline are considered usable unless identified otherwise in the element level gray notes.
Element delimiters used in this transaction should be ' * ' (asterisk). No blanks between delimiters if element is null.
Segment delimiters used in this transaction should be one byte with a value of hex '15'.
A segment delimiter should be the last byte of data in the message transmission data stream.
Transmit ONLY uppercase ENGLISH alphabetic data.
USCBP usage: D = Dependent (Conditional)

V7.3

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
M	010	ISA	Interchange Control Header	M	1	
M	020	GS	Functional Group Header	M	1	
M	030	ST	Transaction Set Header	M	1	
M	040	M10	Manifest Identifying Information	M	1	
	043	N9	Reference Identification	O	5	
			LOOP ID - NM1			2
	049	NM1	Individual or Organizational Name	O	1	
	050	DMG	Demographic Information	O	1	
	050	REF	Reference Identification	O	10	
			LOOP ID - P4			20
M	050	P4	U.S. Port Information	M	1	
			LOOP ID - LX			9999
M	060	LX	Assigned Number	M	1	
	090	N9	Reference Identification	O	999	
			LOOP ID - N1			99
	100	N1	Name	O	1	
	110	N3	Address Information	O	2	
	120	N4	Geographic Location	O	1	
	125	DMG	Demographic Information	O	1	
			LOOP ID - M12			1
	150	M12	In-bond Identifying Information	O	1	
	160	R4	Port or Terminal	O	2	
			LOOP ID - VID			999
	170	VID	Conveyance Identification	O	1	
			LOOP ID - N1			999
	184	N1	Name	O	1	
	190	N3	Address Information	O	1	
	190	N4	Geographic Location	O	1	
			LOOP ID - N10			999
Must Use	190	N10	Quantity and Description	O	1	
M	200	SE	Transaction Set Trailer	M	1	
M	220	GE	Functional Group Trailer	M	1	
M	240	IEA	Interchange Control Trailer	M	1	

	Segment:	**ISA** Interchange Control Header		
	Position:	010		
	Loop:			
	Level:			
	Usage:	Mandatory		
	Max Use:	1		
	Purpose:	To start and identify an interchange of zero or more functional groups and interchange-related control segments		
	Syntax Notes:			
	Semantic Notes:			
	Comments:			

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Data Element Summary

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	Ref. Des.	Data Element	Name		Attributes
M	ISA01	I01	**Authorization Information Qualifier**	M	ID 2/2
			Code to identify the type of information in the Authorization Information		
			Always '00'		
			00	No Authorization Information Present (No Meaningful Information in I02)	
M	ISA02	I02	**Authorization Information**	M	AN 10/10
			Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)		
			Always 10 spaces.		
M	ISA03	I03	**Security Information Qualifier**	M	ID 2/2
			Code to identify the type of information in the Security Information		
			Always '00'		
			00	No Security Information Present (No Meaningful Information in I04)	
M	ISA04	I04	**Security Information**	M	AN 10/10
			This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)		
			Always 10 spaces.		
M	ISA05	I05	**Interchange ID Qualifier**	M	ID 2/2
			Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified		
			Always 'ZZ'		
			ZZ	Mutually Defined	
M	ISA06	I06	**Interchange Sender ID**	M	AN 15/15
			Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element		
			Sender identifier. Up to 4 alpha/numeric characters. Value must contain the Standard Carrier Alpha Code (SCAC) or the identity of the Service Center if applicable. May be identical to the GS02.		
M	ISA07	I05	**Interchange ID Qualifier**	M	ID 2/2
			Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified		
			Always 'ZZ'		
			ZZ	Mutually Defined	

M	ISA08	I07	**Interchange Receiver ID**	M	AN 15/15

Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

Values:
'CUSTOMSTST' - Testing
'CUSTOMS'   - Production

M	ISA09	I08	**Interchange Date**	M	DT 6/6

Date of the interchange

Date as YYMMDD where:
YY - Year
MM - Month of Year
DD - Day of Month

M	ISA10	I09	**Interchange Time**	M	TM 4/4

Time of the interchange

Time as HHMM where:
HH - Hour
MM - Minute

	ISA11	I65	**Repetition Separator**	O	AN 1/1

Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

Repetition Separator = "^" (caret)

	ISA12	I11	**Interchange Control Version Number**	O	ID 5/5

This version number covers the interchange control segments

Always '00504'

00504	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006

M	ISA13	I12	**Interchange Control Number**	M	N0 9/9

A control number assigned by the interchange sender

M	ISA14	I13	**Acknowledgment Requested**	M	ID 1/1

Code sent by the sender to request an interchange acknowledgment (TA1)

Always '0'

0	No Acknowledgment Requested

M	ISA15	I14	**Usage Indicator**	M	ID 1/1

Code to indicate whether data enclosed by this interchange envelope is test, production or information

Always 'P'

P	Production Data

M	ISA16	I15	**Component Element Separator**	M	AN 1/1

Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Always ' : ' (colon)

	Ref.	**Data**		
	Des.	**Element**	**Name**	**Attributes**

Segment: **GS** Functional Group Header
Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:
Semantic Notes: 1 GS04 is the group date.
2 GS05 is the group time.
3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.
Comments: 1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Data Element Summary

	Ref. **Des.**	**Data** **Element**	**Name**	**Attributes**
M	GS01	479	**Functional Identifier Code**	M ID 2/2

Code identifying a group of application related transaction sets

Always 'SF'

SF Stand Alone Security Filing [ISF-10 or ISF-5]

M	GS02	142	**Application Sender's Code**	M AN 2/15

Code identifying party sending transmission; codes agreed to by trading partners

Sender identifier. Up to 4 alpha/numeric characters. Value must contain the Standard Carrier Alpha Code (SCAC) or the identity of the Service Center if applicable. May be identical to the ISA06.

M	GS03	124	**Application Receiver's Code**	M AN 2/15

Code identifying party receiving transmission; codes agreed to by trading partners

Values:
'CUSTOMSTST' - Testing
'CUSTOMS' - Production

M	GS04	373	**Date**	M DT 8/8

Date expressed as CCYYMMDD

Date as CCYYMMDD where:
CC - Century
YY - Year
MM - Month of Year
DD - Day of Month

M	GS05	337	**Time**	M TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Time as HHMM where:
HH - Hour
MM - Minute

M	GS06	28	**Group Control Number**	M N0 1/9

Assigned number originated and maintained by the sender

| M | GS07 | 455 | **Responsible Agency Code** | **M** | **ID 1/2** |

Code used in conjunction with Data Element 480 to identify the issuer of the standard

Always 'X'

| | X | Accredited Standards Committee X12 |

| M | GS08 | 480 | **Version / Release / Industry Identifier Code** | **M** | **AN 1/12** |

Code indicating the version, release, sub release, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and sub release, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

Always '005040'

| | 005040 | Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006 |

Segment: **ST** **Transaction Set Header**
Position: 030
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

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Data Element Summary

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	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			Use '309' to represent ISF Security Filing where the GS02 = 'SF'	
			309 U.S. Customs Manifest	
M	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

				Segment:	**M10** Manifest Identifying Information

Segment: **M10** Manifest Identifying Information
Position: 040
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To transmit manifest identifying information
Syntax Notes: 1 If either M1005 or M1011 is present, then the other is required.
2 At least one of M1006 or M1005 is required.
Semantic Notes: 1 M1004 is Lloyd's vessel code.
2 M1007 is used for the six-digit Numeric Manifest Sequence Number.
3 M1011 indicates if the transmission involves an in-bond participant. A "Y" indicates it does; an "N" indicates it does not.
4 M1012 is a unique identification number for the manifest assigned by the originator of the manifest with a maximum length of 15.
Comments: 1 M1003 is the code identifying the country in which the ship (vessel) is registered.
2 M1008 is used for number of bills lading. (Maximum five-digits.)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	M1001	140	**Standard Carrier Alpha Code**	M	ID 2/4
			Standard Carrier Alpha Code		
			Entity initiating Importer Security Filing.		
M	M1002	91	**Transportation Method/Type Code**	M	ID 1/2
			Code specifying the method or type of transportation for the shipment		
			Code specifying the method or type of transportation for the shipment.		
		S	Ocean		
M	M1009	256	**Manifest Type Code**	O	ID 1/1
			Code identifying the type of manifest transmitted		

Required. ISF Submission Type Code.

When an ISF-10 submission type is used, the SF data set must have a segment for each of the following Entity Codes: MF, SE, BY, ST, CS, CN, and LG.

When an ISF-5 submission type is used, the ISF data set must have a segment for each of the following Entity codes: BKP and ST.

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'.

1	Importer Security Filing 10 [ISF-10]
2	Importer Security Filing 5 [ISF-5]
3	ISF-5 submission type is being changed to an ISF-10
4	ISF-10 submission type is being changed to an ISF-5

M1014	346	Application Type	O	ID 2/2

Code identifying an application

Required. Importer Security File Shipment Type Code.
This element must be '01' for 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 N9 segment 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.

01	Standard or Regular filings
02	To Order Shipments
03	Household Goods/Personal Effects
04	Military, Government
05	Diplomatic Shipment
06	Carnet
07	US Return Goods
08	FTZ Shipments
09	International Mail Shipments
10	Outer Continental Shelf Shipments
11	Informal

M1015	580	Amendment Type Code	O	ID 1/1

Code identifying type of manifest amendment

Required. Values accepted by USCBP.

A	Add Importer Security Filing
D	Delete Importer Security Filing
R	Replace Importer Security Filing

M1016	393	Amendment Code	O	ID 2/2

Code giving the reasons for the amendment of the manifest record

Importer Security Filing (ISF) Action Reason Code. Required if M1015 = 'A' or 'R'

Valid Action Reason Codes:
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.

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.

Segment:	**N9** Reference Identification			
Position:	043			
Loop:				
Level:				
Usage:	Optional			
Max Use:	5			
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier			
Syntax Notes:	1 At least one of N902 or N903 is required.			
	2 If N906 is present, then N905 is required.			
	3 If either C04003 or C04004 is present, then the other is required.			
	4 If either C04005 or C04006 is present, then the other is required.			
Semantic Notes:	1 N906 reflects the time zone which the time reflects.			
	2 N907 contains data relating to the value cited in N902.			
Comments:				
Notes:	At least one interaction of N901 and N902 is required to communicate 'FC' - Filer/Agent Code.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N901	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

Values accepted by USCBP.

7U	Related Transaction Reference Number
	Required if M1015 = 'R' or 'D'. CBP will assign a unique ISF Transaction Number (FFFFNNNNNNNNNNNN) that will be returned in the output response from CBP to the ISF filer in the 355. FFFF=Filer code and NNNNNNNNNNNN=numeric sequence number.
FC	Filer Code Issued by Customs
	Required. This value is also referred to as Filer/Agent Code.
	Note: When the participant is transmitting on behalf of itself this value is the same value as appears in the GS02. Otherwise the Filer/Agent Code must be entered as a SCAC indicating on whose behalf the ISF is being transmitted.
SCI	Surety Code Identifier
	Required if Bond Activity Code is '16' and the Bond Type is '9'.
SBN	Bond Reference Number
	This is NOT the same as the bond number. Required if Bond Activity Code is '16' and the Bond Type is '9'.
6C	Carnet issuing Country Code and Carnet Number
	6C is required if Shipment Type Code (M1014) = '06'
CR	User-defined Reference Number.
	Optional user-defined field that will be returned in both the 355 and 350 messages.
FN	Full Name of ISF Filer.
SBT	Shipment Sub-Type
	If the Shipment Type Code (M1014) is '11', then an N9 segment is required with 'SBT' in the N901, a Shipment Sub-Type in the N902, and the estimated value, estimated quantity, and estimated weight in the N907.

| **N902** | **127** | **Reference Identification** | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

A value representing Transaction Number, Surety Code, Bond Reference Number, Carnet information, or Filer/Agent Code.

Note: SCI (surety code) and SBN (bond reference number) are required if Bond Activity Code is '16' and the Bond Type is '9'.

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.

| **N907** | **C040** | **Reference Identifier** | **X** | |

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

| **C04001** | **128** | **Reference Identification Qualifier** | **M** | **ID 2/3** |

Code qualifying the Reference Identification

EMV   Estimated Monetary Value

| **C04002** | **127** | **Reference Identification** | **M** | **AN 1/30** |

Estimated Monetary Value in whole U.S. Dollars. The value must be greater than zero.

| **C04003** | **128** | **Reference Identification Qualifier** | **X** | **ID 2/3** |

Code qualifying the Reference Identification

A code representing the unit of measure for the estimated quantity. Refer to the CAMIR Importer Security Filing SF13 record for valid codes. The standard generic unit of pieces (PCS) is acceptable when there are multiple units of measure associated with the shipment.

| **C04004** | **127** | **Reference Identification** | **X** | **AN 1/30** |

Estimated Quantity in the smallest external packaging unit. Input only whole numbers; no decimals or fractions. The value must be greater than zero..

| **C04005** | **128** | **Reference Identification Qualifier** | **X** | **ID 2/3** |

Code qualifying the Reference Identification

EWK   Estimated Weight in Kilos
EWL   Estimated Weight in Pounds

| **C04006** | **127** | **Reference Identification** | **X** | **AN 1/30** |

Total weight in pounds or kilos. Input only whole numbers; no decimals or fractions. The value must be greater than zero.

Segment:		**NM1** Individual or Organizational Name			
Position:	049				
Loop:	NM1	Optional			
Level:					
Usage:	Optional				
Max Use:	1				
Purpose:	To supply the full name of an individual or organizational entity				
Syntax Notes:	**1**	If either NM108 or NM109 is present, then the other is required.			
	2	If NM111 is present, then NM110 is required.			
Semantic Notes:	**1**	NM102 qualifies NM103.			
Comments:	**1**	NM110 and NM111 further define the type of entity in NM101.			

Notes: One NM1 segment is required to report the ISF Importer for all transactions. A second NM1 segment is required to report the Importer of record when M1009 is an ISF-10 submission type code.

If NM108 = 34 and M1014 = 01, 02, 04, 07, 08, 09, or 10, then the SSN must be on file with CBP. If NM108 = 34, and M1014 = 03, 05, 06 or 11, and the SSN is NOT on file with CBP, then data must be provided in the NM103, NM104, NM105, and NM107 (if necessary) and in the DMG segment. If NM108 = PN, then data must be provided in the NM103, NM104, NM105, and NM107 (if necessary) and in the DMG segment.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**NM101**	**98**	**Entity Identifier Code**	**M** **ID 2/3**	

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

Values accepted by USCBP. One NM1 loop must be present for each value when M1009 = '1'.

IOR	Importer of Record	
ISF	ISF Importer	

	Ref. Des.	Data Element	Name	Attributes
M	**NM102**	**1065**	**Entity Type Qualifier**	**M** **ID 1/1**

Code qualifying the type of entity

Values accepted by USCBP.

1	Person	
2	Non-Person Entity	

	Ref. Des.	Data Element	Name	Attributes
	NM103	**1035**	**Name Last or Organization Name**	**O** **AN 1/35**

Individual last name or organizational name

Last Name of the ISF Importer or Importer of Record.

	Ref. Des.	Data Element	Name	Attributes
	NM104	**1036**	**Name First**	**O** **AN 1/25**

Individual first name

First Name of the ISF Importer or Importer of Record.

	Ref. Des.	Data Element	Name	Attributes
	NM105	**1037**	**Name Middle**	**O** **AN 1/25**

Individual middle name or initial

Middle Name of the ISF Importer or Importer of Record.

	Ref. Des.	Data Element	Name	Attributes
X	**NM106**	**1038**	**Name Prefix**	**O** **AN 1/10**

Prefix to individual name

	Ref. Des.	Data Element	Name	Attributes
	NM107	**1039**	**Name Suffix**	**O** **AN 1/10**

Suffix to individual name

Name Suffix of the ISF Importer or Importer of Record.

	Ref. Des.	Data Element	Name	Attributes
	NM108	**66**	**Identification Code Qualifier**	**X** **ID 1/2**

Code designating the system/method of code structure used for Identification Code in NM109

Required. Values accepted by USCBP.

2	Standard Carrier Alpha Code (SCAC)
	Qualifier may only be used for ISF Importer when filing an ISF Submission Type Code is an ISF-5 (M1009)
24	Employer's Identification Number
34	Social Security Number
CU	U.S. Customs and Border Protection [USCBP] Assigned Importer Number
PN	Passport Number
	Passport may only be used be used for Shipment Type Codes 03, 05, or 06,

NM109   **67**   **Identification Code**   **X   AN 2/80**

Code identifying a party or other code

Required.
ID number used to further identify the code in NM108.
Valid formats are:

NN-NNNNNNNXX	Internal Revenue Service
(IRS) Number
NNN-NN-NNNN	Social Security Number
YYDDPP-NNNNN	CBP Assigned Number
XXXXXXXXXXXXXX	Passport Number
XAAA	SCAC

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.

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 CBP Form 3461. For example, if the IRS number is used on the CBP Form 3461 or CBP Form 7501 to identify the importer of 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.

NM113   **26**   **Country Code**   **O   ID 2/3**

Code identifying the country

Code identifying the ISO Country Code of issuance of the passport reported in the NM109. This field is required when the NM108 = PN.

Segment:	**DMG** Demographic Information
Position:	050
Loop:	NM1 Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To supply demographic information
Syntax Notes:	1 If either DMG01 or DMG02 is present, then the other is required.
Semantic Notes:	1 DMG02 is the date of birth.
	2 DMG07 is the country of citizenship.
	3 DMG09 is the age in years.
Comments:	
Notes:	This segment may be required when the NM1 Identification Code at NM108 = 'PN' (Passport Number) or NM108 = '34' (Social Security Number).

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
DMG01	**1250**	**Date Time Period Format Qualifier**	X	**ID 2/3**
		Code indicating the date format, time format, or date and time format		
		DB Date Expressed in Format MMDDCCYY		
DMG02	**1251**	**Date Time Period**	X	**AN 1/35**
		Expression of a date, a time, or range of dates, times or dates and times		
		Date of Birth expressed as MMDDCCYY.		

Segment:	**REF** Reference Identification		

Segment: **REF** Reference Identification

Position: 050
Loop: NM1   Optional
Level:
Usage: Optional
Max Use: 10
Purpose: To specify identifying information
Syntax Notes:
1   At least one of REF02 or REF03 is required.
2   If either C04003 or C04004 is present, then the other is required.
3   If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1   REF04 contains data relating to the value cited in REF02.
Comments:
Notes:

This segment is used to identify the Bond Holder. Bond information is mandatory for all Add or Replace transactions when the Shipment Type code = 01, 02, 07, 08, or 10 and the ISF Submission Type is not 5 or 6.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

Values accepted by USCBP to identify the bond holder.

ANI	Customs and Border Protection [CBP] assigned Importer Identifier	
EI	Employer's Identification Number	
SY	Social Security Number	

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

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Required.
A reference number identifying the Bond Holder based on qualifier in REF01.
Valid formats for the Bond Holder are:

NN-NNNNNNNXX	Internal Revenue Service (IRS) Number
YYDDPP-NNNNN	CBP Assigned Number
NNN-NN-NNNN	Social Security Number

	Ref. Des.	Data Element	Name	Attributes	
	REF04	C040	**Reference Identifier**	O	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

	Ref. Des.	Data Element	Name	Attributes	
M	C04001	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

Value accepted by USCBP.

BIN	U.S. Customs and Border Protection (USCBP) Bond Identifier	
	Bond Type	

	Ref. Des.	Data Element	Name	Attributes	
M	C04002	127	**Reference Identification**	M	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Bond Type - left justified for 1 digit.
If the Bond Activity Code is '16' and the Bond Type is '9', the Surety Code (SCI) and Bond Reference Number (SBN) must be provided in the N9 above.
ISF values accepted by USCBP.

8	Continuous	
9	Single Transaction	
	A Bond Type 9 may only be used with a Bond Activity Code 16.	

| **C04003** | **128** | **Reference Identification Qualifier** | **X** | **ID 2/3** |

Code qualifying the Reference Identification

Required. Value accepted by USCBP.

| BIC | U.S. Customs and Border Protection (USCBP) Bond Activity Reference |
| | Bond Activity Code |

| **C04004** | **127** | **Reference Identification** | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Required. Bond Activity Code - left justified for 2 digits.
If the Bond Activity Code is '16' and the Bond Type is '9', the Surety Code (SCI) and Bond Reference Number (SBN) must be provided in the N9 above.
Values accepted by USCBP.

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

Segment: **P4** U.S. Port Information
Position: 050
Loop: P4   Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying information for a U.S. port
Syntax Notes:
Semantic Notes:
   1 P401 is used for customs district and port code (census schedule D).
   2 P402 is the estimated date of arrival.
   3 P403 is used for number of bills of lading.
   4 P404 is the Facilities Information and Resources Management System (FIRMS) Code.
   5 P405 is the estimated time of arrival for P402.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**P401**	**310**	**Location Identifier**	**M**	**AN 1/30**

Code which identifies a specific location

Enter the Port of Entry Code if available; otherwise enter '0000' in P401. Port of Arrival of the conveyance in the U.S. Refer to Census Schedule D in CAMIR Appendix E for valid codes. USCBP only accepts 4 numeric characters in this field.

    0000   Port Not Disclosed

	Ref. Des.	Data Element	Name	Attributes	
M	**P402**	**373**	**Date**	**M**	**DT 8/8**

Date expressed as CCYYMMDD

Estimated Date of Arrival if available; otherwise enter current date in P402.

Segment: **LX** Assigned Number
Position: 060
Loop: LX   Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes: Refer to Notes associated with LX-01 element.

1. Start with one (1) and increment by one (1) for each iteration of the Loop.
2. Only one P4/LX loop is allowed per transaction.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M LX01	554	Assigned Number	M N0 1/6

Number assigned for differentiation within a transaction set

One LX segment per bill in the 309 transaction set. Increment this element by +1 for each BOL reported in subsequent segments.

	Segment:	**N9** Reference Identification
	Position:	090
	Loop:	LX Mandatory
	Level:	
	Usage:	Optional
	Max Use:	999
	Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Notes:
1. At least one of N902 or N903 is required.
2. If N906 is present, then N905 is required.
3. If either C04003 or C04004 is present, then the other is required.
4. If either C04005 or C04006 is present, then the other is required.

Semantic Notes:
1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N901	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

Values accepted by USCBP. At least one BM or OB must be reported per ISF filing. Both 6B and MB are optional fields.

6B	U.S. Customs Service (USCS) Entry Number	
BM	Bill of Lading Number	

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 exist, the N9 record is repeated accordingly

MB	Master Bill of Lading

Master Bill – is defined as a bill of lading covering at least one or more underlying house bills of lading. For ISF, this is the Master Bill reported to CBP in AMS. If multiple Master Bills exist, the N9 record is repeated accordingly. Reporting of a master bill is optional.

OB	Ocean Bill of Lading

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 exist, the N9 record is repeated accordingly.

	Ref. Des.	Data Element	Name	Attributes
M	N902	127	**Reference Identification**	O AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

A code representing the Bill of Lading number or entry number associated with a shipment.

For any bill of lading, the format is the SCAC of the bill of lading issuer concatenated with the bill of lading number

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

Segment:		**N1** Name		

Segment: **N1** Name

Position:	100
Loop:	N1 Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	The ISF-10 Security Filing requires (BY, CS, CN, LG, SE and ST) N1 Loops are present. The ISF-5 Security Filing requires (BKP and ST) N1 Loops are present.

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

When reporting a commercial entity, the N1, N3 and N4 segments must be used if the Entity Identifier Code in the N101 field is equal to code SE (Seller), BY (Buyer), ST (Ship To Party), CS (Consolidator), LG (Stuffing Location) or BKP (Booking Party). The N1 segment identifies the entity being reported. The N3 and N4 segments 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 N103 = 34 and M1014 = 01, 02, 04, 07, 08, 09, or 10, then the SSN must be on file with CBP. If N103 = 34, and M1014 = 03, 05, 06 or 11, and the SSN is NOT on file with CBP, then data must be provided in the N102 and in the DMG segment. If N103 = PN, then data must be provided in the N102 and in the DMG segment. In all other cases, the following is true: Only either the N102 or N104 can be provided for each N1 segment. If the N1 segment contains an entity name, then the N3 and N4 segments MUST be used. If the N1 segment contains an Identification Code in place of a name, then the N3 and N4 segments are not used.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N101	98	**Entity Identifier Code**	M	ID 2/3

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

Values accepted by USCBP for ISF purposes to identify the entity being reported.

BKP	Booking Party
BY	Buying Party (Purchaser)
CN	Consignee
	See special consideration for consignee at N103 when Shipment Type = '03'
CS	Consolidator
LG	Location of Goods
	Scheduled Container Stuffing Location
SE	Selling Party
ST	Ship To Party

	Ref. Des.	Data Element	Name	Attributes	
	N102	93	**Name**	O	AN 1/60

Free-form name

Use a "Last, First M Initial" format. USCBP will accept up to 35 alpha/numeric characters in this element.

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

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

This qualifier describes the type of Identification Code being reported in the N104 field. This field is mandatory if an Identification Code is being supplied in lieu of name and address. This field is mandatory if the entity identifier is CN.

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
24	Employer's Identification Number
34	Social Security Number

When used, Full Name may be required in the N102 and Date of Birth may be required in the following DMG segment.

CW	U.S. Customs and Border Protection [USCBP] assigned consignee number
FR	Facilities Information Requirements Management System [FIRMS] code.
PN	Passport Number

When used, the Full Name is required in the N102 and Date of Birth is required in the following DMG segment.

| ZB | U.S. Customs and Border Protection [USCBP] encrypted consignee identification |

N104   67   Identification Code   X   AN 2/80

Code identifying a party or other code

A code describing the entity reported in the N101 field. The N103 field must
be present when a code is supplied in this field. This field is mandatory when
N101 = CN

Valid values for Entity Identifier Qualifier are:

 1 = DUNS Number
   Valid format is: **NNNNNNNNN**
   This qualifier may only be used when N101 = **SE, BY, ST, LG, CS,** or **BKP**

 9 = DUNS+4 Number
   Valid format is: **NNNNNNNNNNNNN**
   This qualifier may only be used when N101 = **SE, BY, ST, LG, CS,** or **BKP**

 24 = Employer Identification Number (IRS #)
   Valid format is: **NN-NNNNNNNXX**
   This qualifier may only be used when N101 = **SE, BY, or CN**

 34 = Social Security Number
   Valid format is: **NNN-NN-NNNN**
   This qualifier may only be used when N101 = **SE, BY, or CN**

 CW = CBP-assigned Number
   Valid format is: **YYDDPP-NNNNN**
   This qualifier may only be used when N101 = **SE, BY, or CN**

 FR = Facility Information Resource Management System (FIRMS) Code
   Valid format is: **ANNN**
   This qualifier may only be used when N101 = **ST**

 ZB = CBP encrypted Consignee ID
   Valid format is: **-CCCCCCCCCC**
   This qualifier may only be used when N101 = **SE, BY, or CN**

 PN = Passport Number
   Valid format is: **XXXXXXXXXXXXXX**
   This qualifier may only be used when N101 = **CN** for Shipment Types 03, 05,
   06, or 11. Use 2 field concatenation formula as follows:

Format the PN as: 2-digit Country Code (Country of passport issuance)
followed by Passport Number. See CAMIR Appendix G for Country Codes.
Enter XX if country Code is not known.

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 and C = character.

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

		Segment:	**N3** Address Information

Segment: **N3** Address Information
Position: 110
Loop: N1   Optional
Level:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: This is a conditional record used to transmit lines of the entity's address data. If N103 = 34 and M1014 = 01, 02, 04, 07, 08, 09, or 10, then the SSN must be on file with CBP. If N103 = 34, and M1014 = 03, 05, 06 or 11, and the SSN is NOT on file with CBP, then data must be provided in the N102 and in the DMG segment. If N103 = PN, then data must be provided in the N102 and in the DMG segment. In all other cases, the following is true: Only either the N102 or N104 can be provided for each N1 segment. If the N1 segment contains an entity name, then the N3 and N4 segments MUST be used. If the N1 segment contains an Identification Code in place of a name, then the N3 and N4 segments are not used.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	**M**	**AN 1/55**
			Address information		
			USCBP will accept up to 35 alpha/numeric characters for this element.		
	N302	166	**Address Information**	**O**	**AN 1/55**
			Address information		
			Additional address data. USCBP will accept up to 35 alpha/numeric characters for this element.		

	Segment:		**N4** Geographic Location	
	Position:	120		
	Loop:	N1	Optional	
	Level:			
	Usage:	Optional		
	Max Use:	1		
	Purpose:	To specify the geographic place of the named party		
	Syntax Notes:	1	If N406 is present, then N405 is required.	
	Semantic Notes:			
	Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	
		2	N402 is required only if city name (N401) is in the U.S. or Canada.	

Notes: This is a conditional record that provides data pertaining to the city, country, and postal code associated with the address of the entity reported in the N1 segment. If N103 = 34 and M1014 = 01, 02, 04, 07, 08, 09, or 10, then the SSN must be on file with CBP. If N103 = 34, and M1014 = 03, 05, 06 or 11, and the SSN is NOT on file with CBP, then data must be provided in the N102 and in the DMG segment. If N103 = PN, then data must be provided in the N102 and in the DMG segment. In all other cases, the following is true: Only either the N102 or N104 can be provided for each N1 segment. If the N1 segment contains an entity name, then the N3 and N4 segments MUST be used. If the N1 segment contains an Identification Code in place of a name, then the N3 and N4 segments are not used.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	N401	19	**City Name**	**O**	**AN 2/30**
			Free-form text for city name		
			Required for all countries		
M	**N402**	156	**State or Province Code**	**O**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
			Required. Reference http://www.unece.org/cefact/locode/service/sublocat.htm for State or Province Codes.		
	N403	116	**Postal Code**	**O**	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
			Postal codes for all countries.		
M	**N404**	26	**Country Code**	**O**	**ID 2/3**
			Code identifying the country		
			Required. Code Source 5 - Codes for representation of Name of Countries found in ISO 3166 (latest release). Refer to CAMIR Appendix G. 2 alpha character field.		
	N407	1715	**Country Subdivision Code**	**O**	**ID 1/3**
			Code identifying the country subdivision.		
			Required if applicable.		

		DMG Demographic Information
Segment:		
Position:	125	
Loop:	N1	Optional
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To supply demographic information	
Syntax Notes:	1	If either DMG01 or DMG02 is present, then the other is required.
Semantic Notes:	1	DMG02 is the date of birth.
	2	DMG07 is the country of citizenship.
	3	DMG09 is the age in years.
Comments:		
Notes:		

Notes: If N103 = 34 and M1014 = 01, 02, 04, 07, 08, 09, or 10, then the SSN must be on file with CBP. If N103 = 34, and M1014 = 03, 05, 06 or 11, and the SSN is NOT on file with CBP, then data must be provided in the N102 and in the DMG segment. If N103 = PN, then data must be provided in the N102 and in the DMG segment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
DMG01	1250	**Date Time Period Format Qualifier**	X	ID 2/3
		Code indicating the date format, time format, or date and time format		
		DB Date Expressed in Format MMDDCCYY		
DMG02	1251	**Date Time Period**	X	AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times		
		Date of Birth expressed as MMDDCCYY.		

			Segment:	**M12** In-bond Identifying Information

Segment: **M12** In-bond Identifying Information
Position: 150
Loop: M12   Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To transmit in-bond and FROB information
Syntax Notes:
1   Only one of M1202 or M1206 may be present.
2   If M1206 is present, then M1208 is required.
3   If either M1208 or M1209 is present, then the other is required.
4   If either M1210 or M1211 is present, then the other is required.

Semantic Notes:
1   M1203 is a four-digit numeric census schedule D when identifying a U.S. port, and a three-digit numeric memorandum D when identifying a Canadian port. It is the port of destination if M1201 is "61". It is the port of export if M1201 is "62" or "63".
2   M1204 is five-digit numeric census schedule K. It is the foreign port of destination if M1201 is "62" or "63".
3   M1207 identifies the carrier to whom liability is transferred.

Comments:
1   If M1202 does not contain the paperless entry number, then M1206 is required.
2   M1205 is the value in whole dollars of the in-bond movement. Use twenty dollars per kilo if value is unknown.

Notes: If an ISF-10 is filed, the M12 is not required.
If an ISF-5 is filed, the M12 (with underlying R4) is required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	M1201	581	**Customs Entry Type Code**	M ID 2/3

Code defining the type of entry assigned by U.S. Customs

Values accepted by USCBP.

00	Freight Remains On Board [FROB]
62	Transportation Exportation
63	Immediate Exportation

	Segment:	**R4** Port or Terminal		
	Position:	160		
	Loop:	M12	Optional	
	Level:			
	Usage:	Optional		
	Max Use:	2		
	Purpose:	Contractual or operational port or point relevant to the movement of the cargo		
	Syntax Notes:	1	If either R402 or R403 is present, then the other is required.	
	Semantic Notes:			
	Comments:	1	R4 is required for each port to be identified.	
	Notes:	The ISF-5 requires two occurrences of the R4 segment to communicate Place of Delivery and Foreign Port of Unlading/ (Port of Discharge).		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	R401	115	**Port or Terminal Function Code**	M ID 1/1

Code defining function performed at the port or terminal with respect to a shipment

Values accepted by USCBP.

D	Port of Discharge (Operational)
	Port at which cargo is unloaded from vessel
	Foreign Port of Unlading.
E	Place of Delivery (Contractual)
	Place at which cargo leaves its care and custody of carrier

	Ref. Des.	Data Element	Name	Attributes
	R402	309	**Location Qualifier**	X ID 1/2

Code identifying type of location

Values accepted by USCBP.

K	Census Schedule K
	Valid codes for Schedule K (US Army Corps of Engineers Schedule K Code) can be found in appendix F of the CAMIR document.
UN	United Nations Location Code (UNLOCODE)
	UNLoc codes (United Nations Location Code) can be found at http://www.unece.org/cefact/locode/

	Ref. Des.	Data Element	Name	Attributes
	R403	310	**Location Identifier**	X AN 1/30

Code which identifies a specific location

Segment:	**VID** Conveyance Identification		
Position:	170		
Loop:	VID Optional		
Level:			
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a conveyance and its attributes		
Syntax Notes:			
Semantic Notes:	**1** VID12 is the Census Schedule K code for the foreign port of loading on a vessel.		
	2 VID13 is the Standard Carrier Alpha Code (SCAC) of the Haulage Rights Carrier.		
Comments:			
Notes:	The combination of the VID02 and VID03 fields comprise the container number. A specific Container may be reported only once within the same Bill of Lading. For ISF purposes, the VID segment is required to preserve the looping structure in order to report the manufacturer, if required, and/or harmonized tariff number and country of origin code.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	VID01	40	**Equipment Description Code**	**M ID 2/2**
			Code identifying type of equipment used for shipment	
			Refer to CAMIR Appendix I for valid Equipment Description Codes. For ISF purposes, if no container is being reported, code 'NC' must be used to preserve the looping structure. If VID01 = 'NC' - Non-containerized, then enter 'NA' in VID02 and VID03.	
	VID02	206	**Equipment Initial**	**O AN 1/4**
			Prefix or alphabetic part of an equipment unit's identifying number	
			Required in USCBP ocean manifest if equipment initial precedes the equipment number. If VID01 = 'NC' - Non-containerized, enter 'NA' in this field.	
M	VID03	207	**Equipment Number**	**M AN 1/15**
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	
			Required in ocean manifest if cargo is containerized. If VID01 = 'NC' - Non-containerized, enter 'NA' in this field.	
	VID09	24	**Equipment Type**	**O ID 4/4**
			Code identifying equipment type	
			Minimum of 4 alpha/numeric characters. Refer to CAMIR Appendix M for valid codes.	
	VID20	761	**Equipment Number Check Digit**	**O N0 1/1**
			Number which designates the check digit applied to a piece of equipment	

Segment: # N1 Name
Position: 184
Loop: N1   Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1   At least one of N102 or N103 is required.
        2   If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1   This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
        2   N105 and N106 further define the type of entity in N101.
Notes: Required. This N1 segment is reserved for communicating the manufacturer.
Note: When Filing an ISF-5 this field is not required however must be populated to preserve the looping structure. Use 'ZZ' in N101 to start the loop
The N1 segment identifies the manufacturer. The N3 and N4 segments provide parsed fields for address and geographical location reporting to accommodate the various conventions found in the formats of non US addresses. When submitting a name in the N102 field, both the N3 and N4 segments must be present. If data is presented in the N103 and N104 fields, then the N3 and N4 segments are not used.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M **N101**	**98**	**Entity Identifier Code**	**M ID 2/3**

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

    MF   Manufacturer of Goods

        When filing an ISF-10, manufacturer data must be submitted to CBP.

    ZZ   Mutually Defined

        When filing an ISF-5, use "ZZ" at N101 to preserve the looping structure.

| **N102** | **93** | **Name** | **X   AN 1/60** |

Free-form name

Enter manufacturer name. Enter 'Unknown' when M101 = 'ZZ'.
When submitting a manufacturer name in this field, both the N3 and N4 segments must be present. Do not populate this field if an Identification Code is used in the N104 field.

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

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

Values accepted by USCBP. This qualifier describes the type of Identification Code being reported in the N104 field. This field is mandatory if an Identification Code is being supplied in lieu of name and address.

    1   D-U-N-S Number, Dun & Bradstreet
    9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

N104   **67**   **Identification Code**   **X AN 2/80**

Code identifying a party or other code

Required for any ID in N103.
A code describing the entity reported in the N101 field. The N103 field must
be present when a code is supplied in this field.
Valid values for Entity Identifier Qualifier are:

 1 = DUNS Number
  Valid format is: **NNNNNNNNN**

 9 = DUNS+4 Number
  Valid format is: **NNNNNNNNNNNNN**

			Segment:	**N3** Address Information

Segment: **N3** Address Information
Position: 190
Loop: N1   Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: This is a conditional segment used to transmit lines of the manufacturer's address data. Only either the N102 or N104 can be provided for each N1 segment. If the N1 segment contains an entity name, then the N3 and N4 segments MUST be used. If the N1 segment contains an Identification Code in place of a name, or if N101 = 'ZZ', then the N3 and N4 segments are not used.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	M	AN 1/55
			Address information		
			USCBP will accept up to 35 alpha/numeric characters for this element.		
	N302	166	**Address Information**	O	AN 1/55
			Address information		
			Additional address data. USCBP will accept up to 35 alpha/numeric characters for this element.		

	Segment:	**N4** Geographic Location
	Position:	190
	Loop:	N1 Optional
	Level:	
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify the geographic place of the named party
	Syntax Notes:	1 If N406 is present, then N405 is required.
	Semantic Notes:	
	Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
		2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: This is a conditional record that provides data pertaining to the city, country, and postal code associated with the address of the manufacturer reported in the N1 segment. Only either the N102 or N104 can be provided for each N1 segment. If the N1 segment contains an entity name, then the N3 and N4 segments MUST be used. If the N1 segment contains an Identification Code in place of a name, or if N101 = 'ZZ', then the N3 and N4 segments are not used.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	N401	19	City Name	O	AN 2/30
			Free-form text for city name		
			ISF transaction accept only 19 alpha/numeric characters.		
M	N402	156	State or Province Code	O	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
			Reference http://www.unece.org/cefact/locode/service/sublocat.htm for State or Province Codes.		
	N403	116	Postal Code	O	ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
			Postal codes for all countries.		
M	N404	26	Country Code	O	ID 2/3
			Code identifying the country		
			Required. Code Source 5 - Codes for representation of Name of Countries ISO 3166 (latest release). Refer to CAMIR Appendix G for valid codes. 2 alpha character field.		
D	N407	1715	Country Subdivision Code	O	ID 1/3
			Code identifying the country subdivision.		
			Required if applicable.		

		Segment:	**N10** Quantity and Description

Segment: **N10** Quantity and Description
Position: 190
Loop: N10 Optional (Must Use)
Level:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate line item quantity, description, marks and numbers, commodity code, weight, and customs value
Syntax Notes:
  1 If either N1004 or N1005 is present, then the other is required.
  2 If either N1006 or N1013 is present, then the other is required.
  3 If either N1007 or N1008 is present, then the other is required.
Semantic Notes:
  1 N1009 is the U.S. Customs bar code number for line release.
  2 N1011 is the country of the manufacturer of the goods.
  3 N1012 is the country of the final destination of the goods.
  4 N1013 is the currency of the value of N1006.
Comments:
Notes: Do not use the character selected to serve as Subelement Separator (ISA16) in description. Do not exceed 999 lines of description.
At least one N10 segment is required for an ISF.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N1004	23	**Commodity Code Qualifier**	O	ID 1/1
			Code identifying the commodity coding system used for Commodity Code		
			Must = 'J' for ISF transactions		
			J Harmonized System-Based Schedule B Classification of exported merchandise		
M	N1005	22	**Commodity Code**	O	AN 1/30
			Code describing a commodity or group of commodities		
			A 6, 8, or 10 digit Harmonized Tariff Code number must be transmitted for ISF transactions		
	N1011	26	**Country Code**	O	ID 2/3
			Code identifying the country		
			Country of Origin. Required for ISF-10 Filing. Refer to CAMIR Appendix G for valid codes.		

Segment: **SE** **Transaction Set Trailer**
Position: 200
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

	Segment:	**GE** Functional Group Trailer
	Position:	220
	Loop:	
	Level:	
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the end of a functional group and to provide control information
	Syntax Notes:	
	Semantic Notes:	1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.
	Comments:	1 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	GE01	97	**Number of Transaction Sets Included**	M N0 1/6
			Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	
M	GE02	28	**Group Control Number**	M N0 1/9
			Assigned number originated and maintained by the sender	

Segment: **IEA** Interchange Control Trailer
Position: 240
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	IEA01	I16	**Number of Included Functional Groups**	M	N0 1/5
			A count of the number of functional groups included in an interchange		
M	IEA02	I12	**Interchange Control Number**	M	N0 9/9
			A control number assigned by the interchange sender		