

CBP Automated Manifest Interface Requirements

ACE Air Export Manifest: Message Types

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U.S. Customs and
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ACE Air Export Manifest: Message Types

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Presents each ACE Air Export Manifest message type and the components necessary for each message type.

For all message types when are the conditional statements required to be displayed and how might multiple conditional segments be related to each other?

The reader should be advised that any decisions, policies, and solutions set forth in this DRAFT technical document are subject to change at any time without prior notice. This document conforms to CBP regulations currently in effect. Until such time that CBP issues a FINAL version of this technical guide, the attached DRAFT technical document is NOT considered approved, endorsed, or sanctioned by Customs and Border Protection and the Department of Homeland Security.

Freight Report Outbound:

Standard message identifier - FRO

Message function: To report consignment and scheduled U.S. departure information for air waybills.

Message originator: **Any** ACE Air Export Manifest Participant.

Message rules: Air Export **Carriers** can submit Simple Air Way Bill (**AWB**) or Master Air Way Bill (**MAWB**) message types when the data elements, necessary to create an export record have been established.

Air Export Manifest **participants** can submit **advance** House Air Waybill (**HAWB**) information, without the cargo control line and scheduled departure line, when such information is supplied by the exporting air carrier in the Master Air Waybill (MAWB).

Earliest: No earlier than 30 days prior to scheduled (or estimated) departure date.

Latest: Per regulations.



Recommended:

ACE Air Export Manifest participants should verify cargo loading and obtain accurate departure information prior to transmitting data to avoid the need for amendment after the initial submission.

In the following table(s) data element status “M” is mandatory. Status “M” is used to identify the minimum shipment information necessary for message validation (which makes the element mandatory).

When the initial Air Export shipment information submitted in the Freight Report Outbound (FRO) message **is sufficient** to establish a complete Air Way Bill record CBP will not be generating return positive status message(s). Trade has concurred that a positive response messages are not necessary; as there is no reaction required.

When the initial air shipment information submitted to CBP via a Freight Report Outbound (FRO) message is **not sufficient**, (i.e. does not comply with the required message format), CBP will generate a **Freight Error Outbound (FEO)** message back to the participant.

The FEO will contain an error code identifying the specific Error, or Warning level status message, and will always have a CBP generated error code and text message.

When CBP returns an FEO with an **Error level** status code such as: **000** Complete Transaction Rejection, or, **040** Bill Data On File Must Be Amended by a Freight Outbound Change (FOC); CBP requires the FOC to include the accurate and applicable Reason for Amendment (RFA) code.

When CBP returns an FEO with a **Warning level** status code such as: Invalid Data Values; **030** Invalid Flight Number, or Incorrect Syntax such as; **019** Arrival Line Ignored; the FOC is required to be resubmitted to CBP as soon as the correct data is known, especially if prior to the departure of the aircraft.

CBP will make Export appendix/Appendices available on www.cpb.gov Appendix (A-EX?) Export AIR Appendix.



Message format: **Freight Report Outbound:** Message elements must be in the following order. Message elements that comprise a mandatory transmitted **Line Identifier** are shown in **bold**.

<i>Element</i>	Element Description	Status	Notes
SMI	Standard Message Identifier	M	1
CCL	Cargo Control Line	C	2
AWB	Air Waybill (Shipment Identification)	M	
WBL	Waybill Details	M	
SDP	Scheduled Departure Details	C	2
AGT	Agent (Authorized party)	C	
SHP	Shipper Name and 3 address data lines	C	3
CNE	Consignee Name and 3 address data lines	C	3
OCI	Other Customs Information:	C	4
SRI	Shipment Reference Information	C	5
CSD	CBP Shipment Description	C	
SNP	Secondary Notify Parties	C	6
HMI	Hazardous Material Information	C	7

Notes:

1. The FRO message is used for reporting Export Manifest data when there is no active air waybill record in ACE Air Export Manifest. The FRO message cannot be used to amend an active air way bill.
2. Air Export Manifest participants, may enter FRO messages for House Air Way Bills (HAWB) without the CCL and SDP lines. HAWB CCL and SDP lines are populated from a Master Air Waybill match prior to the departure of the flight.
3. The SHP & CNE message lines contain data elements **optional to create but mandatory to complete** an air waybill record in ACE Air Export Manifest.
Only complete AWB messages receive Freight Status Notification (FSO) messages from CBP: To recap:
SHP and CNE details are Optional to create an AWB record.
SHP and CNE data elements are Mandatory to complete an AWB record.
CBP will only post Freight Status Notifications (FSO) to complete AWB record(s).
4. The OCI message line is used to report other customs information including: the ITN, Exemption Citation, DEA Certificate information, and/or Post Departure Filing information associated with the air waybill.
5. The SRI message line is used to report references to In-bonds/BOL(s) (previously filed as part of



an import manifest by the same or another carrier) which will be automatically exported when the flight is departed using the FDO message. The SRI message line can be repeated as needed up to 999 times per air waybill.

6. The SNP message line contains carrier’s or courier’s IDs, freight forwarders IDs or consolidator’s IDs that are to receive all status notifications and FOC/10 messages for this BOL.
7. The HMI message line is required when freight contains hazardous material.

Freight Outbound Change

Standard message identifier - FOC

Message function: To amend a previously accepted air waybill record or to provide initial house shipment information including the Message Line Identifiers Reason For Amendment (RFA) and code.

Message originator: The originator of the air waybill record or a properly nominated agent.

Message rules: The FOC message may be transmitted no earlier than the first day of the month preceding the scheduled date of departure from the last U.S. port. Amendments to air cargo Export Manifest information must be sent within the time frame specified in the CBP regulations.

Message format: Freight Outbound Change Message elements must be in the following order. Message elements that are mandatory are shown in **bold**.

Element	Element Description	Status	Notes
SMI	Standard Message Identifier	M	1
CCL	Cargo Control Line	C	2,8
AWB	Air Waybill (Shipment Identification)	M	
WBL	Waybill Details	M	
SDP	Scheduled Departure Details	C	2,8
AGT	Agent (Authorized party)	C	
SHP	Shipper Name and 3 address data lines	O	3
CNE	Consignee Name and 3 address data lines	O	3
OCI	Other Customs Information	C	4
SRI	Shipment Reference Information	C	5
CSD	CBP Shipment Description	C	
SNP	Secondary Notify Parties	C	6
HMI	Hazardous Material Information	C	7



FDA	FDA Freight Indicator	C	9
RFA	Reason for Amendment	C	10

Notes:

1. The FOC message including the message element RFA may be used to establish the initial air waybill Export Manifest record.
2. Air Export Manifest AWB filers may enter the FOC messages for House Air Waybill records without the CCL and SDP lines. This allows CBP to review HAWB shipment details prior to the departure of the flight.
3. The SHP & CNE message lines contain data elements **optional to create but mandatory to complete** an air waybill record in ACE Air Export Manifest.
Only complete AWB messages receive Freight Status Notification (FSO) messages from CBP: To recap:
SHP and CNE details are Optional to create an AWB record.
SHP and CNE data elements are Mandatory to complete an AWB record.
CBP will only post Freight Status Notifications (FSO) to complete AWB record(s).
3. The OCI message line is used to report Other Customs Information including: the ITN, Exemption Citation, DEA Certificate information, and Post Departure Filing information associated with the air waybill.
4. The SRI message line is used to report references to In-bonds/BOL(s) (previously filed as part of an import manifest by the same or another carrier) that will be automatically exported when the flight is departed using the FLIGHT DEPARTURE OUTBOUND (FDO) message.
5. This message line contains exporting Carrier’s or Courier’s IDs, Freight Forwarder’s IDs, or Consolidator’s IDs that are to receive all status notifications and FOC/10 messages CBP posts against the AWB.
6. The HMI message line is required when freight contains Hazardous Material.
7. When this line is being updated it will appear twice in the message, the first line is the current information and the second line is the updated information.
8. This Air waybill or consolidation is subject to FDA (Food and Drug Administrations) requirements.
9. Required for all FRC messages prior to the departure of the flight and 4 hours after the departure of the flight (reference Error Code 013).



Freight Outbound Delete

Standard message identifier - FOD

Message function: To cancel a previously accepted air waybill record.

Message originator: The originator of an air waybill record or a properly nominated agent.

Message format: Message elements must be in the following order. Message elements that comprise a mandatory transmitted **Line Identifier** are shown in **bold**.

Element	Element Description	Status	Notes
SMI	Standard Message Identifier	M	1
CCL	Cargo Control Line	C	1
AWB	Air Waybill (Shipment Identification)	M	
SDP	Scheduled Departure Details	C	1
RFA	Reason For Amendment	M	

Notes:

- 1 ACE Air Export Manifest participants may transmit FRO messages without the CCL and SDP lines. This allows reference to a House Air Waybill(s) entered without CCL and SDP lines. CCL and SDP above are Conditional – if you have it provide it but if not that is acceptable. The HAWB is required.

Freight Status Outbound

Standard message identifier - FSO

Message function: To notify an ACE Air Export Manifest participant of an action processed by ACE Air Export Manifest for a particular air waybill record. To notify CBP of an action processed by an ACE Air Export Manifest participant.

Message originator: ACE Air Export Manifest participants and various modules of the Automated Commercial System.

Message format: Message elements must be in the following order. Message elements that comprise a mandatory transmitted **Line Identifier** are shown in **bold**.

Message rules: FSO messages from CBP are routed to the ACE Air Export Manifest



participant identified as the air waybill at the time of transaction processing.

From CBP:

Element	Element Description	Status	Notes
SMI	Standard Message Identifier	M	
CCL	Cargo Control Line	M	
AWB	Air Waybill (Shipment Identification)	M	1
SDP	Scheduled Departure Details	M	
CSN	CBP Status Notification	M	

Note:

1. AWB element will not be used for conveyance level notifications.

Freight Status Information

Standard message identifier - FSO

Message function: To inform the ACE Air Export Manifest participant reported by the exporting air carrier with consolidated (Master) AWB/BOL information via Message Line Identifier AGT as the “Identifier of other party which is to submit additional air waybill information” (re: CBP regulations 19 CFR 122.48a (d) (1) (xv)), and/or the ACE Air Export Manifest participant identifiers (if any) reported by the exporting air carrier or other party eligible to provide advance consolidated air shipment information with house or house and sub-house identification associated to the consolidated (Master) AWB/BOL information) via Message Line Identifier SNP (Secondary Notify Party) of CBP cargo status as reported via Message Line Identifier CSN The client representative of the CBP entry filer- freight forwarder, air carrier or Consolidator Export Manifest participant), will activate the FSO message type upon receipt of a letter acknowledging that the FSO message is for informational purposes only and is not to be interpreted as an authorization for delivery of the cargo by the ACE Air Export Manifest participant in custody of the cargo.

Message format: Message elements must be in the following order. Message elements that comprise a mandatory transmitted **Line Identifier** are shown in **bold**.

Message rules: Same as FSO from CBP.



From CBP:

Element	Element Description	Status	Notes
SMI	Standard Message Identifier	M	
CCL	Cargo Control Line	M	
AWB	Air Waybill (Shipment Identification)	M	
SDP	Scheduled Departure Details	M	
CSN	CBP Status Notification	M	

Flight Departure Outbound

Standard message identifier - FLIGHT DEPARTURE OUTBOUND (FDO)

Message function: To notify CBP that a flight has left its final U.S. airport and is enroute to the foreign destination airport. This message is commonly known as the “wheels-up” message.

Message originator: ACE Air Export Manifest carrier

Message Rules: The FLIGHT DEPARTURE OUTBOUND (FDO) is sent after the plane has left its last U.S. airport enroute to the foreign destination airport.

Message Format: Message elements must be in the following order. Message elements that comprise a mandatory transmitted **Line Identifier** are shown in **bold**.

Element	Element Description	Status	Notes
SMI	Standard Message Identifier	M	1
DEP	Departure Details	M	

Note:

1. Only ACE Air Export Manifest carriers may send a FLIGHT DEPARTURE OUTBOUND (FDO). The carrier code referenced in the departure message must correspond to the carrier that sends the message.

Freight Error Outbound

Standard message identifier - FEO

Message function: To notify the message originator of one or more errors in a previous message to CBP.



Message destination: The ACE Air Export Manifest participant originating the message that contained the error.

Message Rules: The FEO is sent as a response to a message that has failed validation by an edit within ACE Air Export Manifest.

Message format: Message elements must be in the following order. Message elements that comprise a mandatory transmitted **Line Identifier** are shown in **bold**.

Element	Element Description	Status	Notes
SMI	Standard Message Identifier	M	
RFI	Report Flight Information	M	
AWB	Air Waybill (Shipment Identification)	C	1
ERR	Error Message	M	

Note:

1. This field is not present for error responses to FLIGHT DEPARTURE OUTBOUND (FDO) messages.