

CBP Automated Manifest Interface Requirements

Appendix A - Record Data Sets

November 2010



U.S. Customs and
Border Protection



Appendix A

Record Data Sets

This appendix lists all of the valid record data sets that are transmitted to or from the U.S. Customs and Border Protection (CBP) Data Center.

Input to CBP			
Original Manifest Submission Record Data Set (MI):			
		Transaction Control Header	ACR
		Manifest	M01
		Manifest Continuation	M02
		Manifest Reference Identifier	B04
		Port	P01
		Issuer Code	J01
		Bill of Lading Transaction	B01
		Bill of Lading Transaction	B02
		Bill of Lading Reference Identifier	B04
		Shipper Name/Address	S01
		Shipper Address	S02
		Shipper Telephone/Telex	S03
		Consignee Name/Address	U01
		Consignee Address	U02
		Consignee Telephone/Telex	U03
		Notify Party Name/Address	N01
		Notify Party Address	N02
		Notify Party Telephone/Telex	N03
		Entity Name (for “Secondary Notify Parties” and “Customs Broker”)	N00
		Entity Name (for “Booking” and “Ship To” parties only)	N00
		Notify Party (Entity) Address	N02
		Entity Geographic Area	N03
		Administrative Communication Contact	N04
		In-bond	I01
		In-bond	I02
		Bill of Lading Container	C01
		Bill of Lading Container – Motor Vehicle Control	C02
		Harmonized Nomenclature	D00
		Bill Cargo Description	D01
		Marks & Numbers	D02

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		Hazardous Material	V01
		Hazardous Material	V02
		Hazardous Material	V03
		Transaction Control Trailer	ZCR
Manifest Amendment Record Data Set (AI):			
		Transaction Control Header	ACR
		Manifest	M01
		Manifest Continuation	M02
		Port	P01
		Issuer Code	J01
		Amendment	A01
		<i>(Bill of Lading Grouping, if adding a bill)</i>	B01 through V03
		Transaction Control Trailer	ZCR
Supplemental/Subsequent In-bond Record Data Set (II):			
		Transaction Control Header	ACR
		Manifest	M01
		Manifest Continuation	M02
		Port	P01
		Issuer Code	J01
		Amendment	A01
		Supplementary In-bond Information	B03
		Reference Identifier	B04
		In-bond	I01
		In-bond	I02
		Entity Name (for “Secondary Notify Parties”)	N00
		Transaction Control Trailer	ZCR
In-bond and Vessel Departure/Arrival Record Data Set (HI):			
		Transaction Control Header	ACR
		Manifest	M01
		Manifest Continuation	M02
		Port	P01
		In-bond and Vessel Arrival	H01
		Arrival/Export Reference Information	H02
		Transaction Control Trailer	ZCR
Permit to Transfer Record Data Set (TI):			
		Transaction Control Header	ACR
		Manifest	M01
		Manifest Continuation	M02
		Port	P01
		Issuer Code	J01
		Permit to Transfer	T01
		Permit to Transfer Continuation	T02
		Transaction Control Trailer	ZCR

CBP responses to input from a carrier, port authority, or service bureau			
Response to Error-Free MI, AI, II, HI, or TI Data Set (MR, AR, IR, HR, TR):			
		Transaction Control Header	ACR
		Manifest	M01
		Manifest Continuation	M02
		Port	P01
		Message Acceptance	W02
		Transaction Control Trailer	ZCR
Original Manifest Submission Response Record Data Set (MR): (Input records contained errors)			
		Transaction Control Header	ACR
		Manifest	M01
		Error	W01
		Manifest Continuation	M02
		Manifest Reference Identifier	B04
		Error	W01
		Port	P01
		Error	W01
		Issuer Code	J01
		Bill of Lading Transaction	B01
		Error	W01
		Bill of Lading Transaction	B02
		Error	W01
		Bill of Lading Reference Identifier	B04
		Error	W01
		Shipper Name/Address	S01
		Error	W01
		Shipper Address	S02
		Error	W01
		Shipper Telephone/Telex	S03
		Error	W01
		Consignee Name/Address	U01
		Error	W01
		Consignee Address	U02
		Error	W01
		Consignee Telephone/Telex	U03
		Error	W01
		Notify Party Name/Address	N01
		Error	W01
		Notify Party Address	N02
		Error	W01
		Notify Party Telephone/Telex	N03
		Error	W01
		Entity Name (for “Secondary Notify Parties” and “Customs Broker”)	N00
		Error	W01

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	Entity Name (for “Booking” and “Ship To” parties only)	N00
	Error	W01
	Notify Party (Entity) Address	N02
	Error	W01
	Entity Geographic Area	N03
	Error	W01
	Administrative Communication Contact	N04
	Error	W01
	In-bond	I01
	Error	W01
	In-bond	I02
	Error	W01
	Bill of Lading Container	C01
	Error	W01
	Bill of Lading Container – Motor vehicle Control	C02
	Error	W01
	Harmonized Nomenclature	D00
	Error	W01
	Bill Cargo Description	D01
	Error	W01
	Marks & Numbers	D02
	Error	W01
	Hazardous Material	V01
	Error	W01
	Hazardous Material	V02
	Error	W01
	Hazardous Material	V03
	Error	W01
	Message Acceptance	W02
	Transaction Control Trailer	ZCR
Manifest Amendment Response Record Data Set (AR): <i>(Input records contained errors)</i>		
	Transaction Control Header	ACR
	Manifest	M01
	Error	W01
	Manifest Continuation	M02
	Port	P01
	Error	W01
	Issuer Code	J01
	Amendment	A01
	Error	W01
	<i>(Bill of Lading Grouping, if adding a bill)</i>	B01 through V03
	Error	W01
	Message Acceptance	W02
	Transaction Control Trailer	ZCR

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Supplemental/Subsequent In-bond Response Record Data Set (IR): <i>(Input records contained errors)</i>		
	Transaction Control Header	ACR
	Manifest	M01
	Error	W01
	Manifest Continuation	M02
	Port	P01
	Error	W01
	Issuer Code	J01
	Amendment	A01
	Error	W01
	Supplementary In-bond Information	B03
	Error	W01
	Reference Identifier	B04
	Error	W01
	In-bond	I01
	Error	W01
	In-bond	I02
	Error	W01
	Entity Name (for “Secondary Notify Parties”)	N00
	Error	W01
	Message Acceptance	W02
	Transaction Control Trailer	ZCR
In-bond and Vessel Departure/Arrival Response Record Data Set (HR): <i>(Input records contained errors)</i>		
	Transaction Control Header	ACR
	Manifest	M01
	Error	W01
	Manifest Continuation	M02
	Port	P01
	Error	W01
	In-bond and Vessel Arrival	H01
	Error	W01
	Arrival/Export Reference Information	H02
	Error	W01
	Message Acceptance	W02
	Transaction Control Trailer	ZCR
Response to Permit to Transfer Record Data Set (TR): <i>(Input records contained errors)</i>		
	Transaction Control Header	ACR
	Manifest	M01
	Error	W01
	Manifest Continuation	M02
	Port	P01
	Error	W01
	Issuer Code	J01

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		Permit to Transfer	T01
		Error	W01
		Permit to Transfer Continuation	T02
		Error	W01
		Message Acceptance	W02
		Transaction Control Trailer	ZCR
Port Authority Download Information <i>(Only sanitized information is included)</i>			
Automated Manifest Download Record Data Set (DC):			
		Transaction Control Header	ACR
		Manifest	M01
		Manifest Reference Identifier	B04
		Port	P01
		Issuer Code	J01
		Amendment	A01
		Bill of Lading Transaction	B01
		Bill of Lading Transaction	B02
		Bill of Lading Reference Identifier	B04
		Shipper Name/Address	S01
		Shipper Address	S02
		Shipper Telephone/Telex	S03
		Consignee Name/Address	U01
		Consignee Address	U02
		Consignee Telephone/Telex	U03
		Notify Party Name/Address	N01
		Notify Party Address	N02
		Notify Party Telephone/Telex	N03
		Entity Name (for “Secondary Notify Parties” and “Customs Broker”)	N00
		In-bond	I01
		In-bond	I02
		Bill of Lading Container	C01
		Bill of Lading Container – Motor vehicle Control	C02
		Harmonized Nomenclature	D00
		Bill Cargo Description	D01
		Marks & Numbers	D02
		Hazardous Material	V01
		Hazardous Material	V02
		Hazardous Material	V03
		Transaction Control Trailer	ZCR

Hazardous Materials Download Record Data Set (NC): (Download Information)		
	Transaction Control Header	ACR
	Manifest	M01
	Manifest Reference Identifier	B04
	Port	P01
	Container/Equipment	C01
	Hazardous Material	V01
	Hazardous Material	V02
	Hazardous Material	V03
	Transaction Control Trailer	ZCR
Non-ACE M1 Paperless Releases Extract Report Record Data Set (EC)		
	Transaction Control Header	ACR
	Release Extract Information	R04
	Transaction Control Trailer	ZCR
Status Notifications from CBP		
Bill of Lading Status Notification Record Data Set (RC):		
	Transaction Control Header	ACR
	Manifest Header	M01
	Manifest	R01
	Issuer Code	J01
	Bill of Lading Status Notification	R02
	Bill of Lading Status Notification Continuation	R02
	Reference Identifier	B04
	Status Notification Remarks	R03
	Bill of Lading Container	R05
	Transaction Control Trailer	ZCR
Conveyance-level Event Notification Record Data Set (RC):		
	Transaction Control Header	ACR
	Manifest Header	M01
	Manifest	R01
	Event Detail Record	R06
	Container/Equipment	C01
	Container/Equipment – Additional Information	C02
	Status Notification Remarks	R03
	Transaction Control Trailer	ZCR
Importer Security Filing Input and Response Data Sets		
ISF-10 Input Record Data Set (SF):		
	Transaction Control Header	ACR
	Importer Security Filing Header	SF10
	Shipment Reference Identifier	SF15
	Reference Identifier	SF20
	Container/Equipment	SF25
	Entity Name and Type	SF30
	Entity Secondary Name	SF31

		Entity Address	SF35
		Entity Geographic Area	SF36
		Harmonized Tariff Schedule	SF40
		Transaction Control Trailer	ZCR
ISF-5 Input Record Data Set (SF):			
		Transaction Control Header	ACR
		Importer Security Filing Header	SF10
		Shipment Reference Identifier	SF15
		Reference Identifier	SF20
		Container/Equipment	SF25
		Entity Name and Type	SF30
		Entity Secondary Name	SF31
		Entity Address	SF35
		Entity Geographic Area	SF36
		Harmonized Tariff Schedule	SF40
		FROB Shipment Information	SF50
		Transaction Control Trailer	ZCR
Importer Security Filing Output Response Record Data Set (SN):			
		Transaction Control Header	ACR
		Importer Security Filing Header	SF10
		Error	SF90
		Shipment Reference Identifier	SF15
		Error	SF90
		Reference Identifier	SF20
		Error	SF90
		Container/Equipment	SF25
		Error	SF90
		Entity Name and Type	SF30
		Error	SF90
		Entity Secondary Name	SF31
		Error	SF90
		Entity Address	SF35
		Error	SF90
		Entity Geographic Area	SF36
		Error	SF90
		Harmonized Tariff Schedule	SF40
		Error	SF90
		FROB Shipment Information	SF50
		Error	SF90
		Accept/Reject Message	SF90
		Transaction Control Trailer	ZCR