FHL Version 5:

Reference : CIMP-34thEdition2014.pdf

Reference of data type

- a represents a single alphabetic character;
- n represents a single numeric character;
- m represents only mixed alpha (characters A through Z) and figures (numerals 0
- through 9);
- t represents a character in free form text (alphabetic, numeric, hyphen, full stop
- or space);

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
FHL		**One Segment Per Interchange**	**M**				**AFHL**	
	Verb	Noun						
1		**(1)AFHL (1)SMIDN**	**M**				**SMIDN**	**Standard Message Identification**
1.1	Standard Message Identifier		M	String	3		aaa	Code shown at the beginning of all standard messages to uniquely identify a given type of message Eg: FHL *Start of Standard message Identification*
1.2	Separator : Slant		M				Slant	

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
1.3	Message Type Version Number		M	Number	3		n[...3]	Version Number of a message type
1.4	Separator : CRLF		M				CRLF	End of Line *End of Standard Message Identification*
2		**(1) SMIDN (1) MAWB**	**M**				**MAWB**	**Master AWB Consignment Detail**
2.1	Line Identifier		M	String	3		aaa	Code Identifying a particular group of data elements e.g., MBI *Start of Master AWB Consignment*
2.2	Separator : Slant		M				Slant	
2.3		**(1)MAWB(1) MAWBID**	**M**				**MAWBID**	**Master AWB Identification**
2.3.1	Airline Prefix		M	string	3 or 4		nnn	Code representation of an Airline *Start of Master AWB Identification section*
2.3.2	Separator : Hyphen		M				Hyphen	
2.3.3	AWB Serial Number		M	String	8 to 12		N[8]	A serial number allocated by an airline to identify a particular air cargo shipment and the associated Air Waybill *End of Master AWB Identification section*

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								FHL IATA template it mentioned as numeric as CRN is using string it is mentioned as string
2.4		**(1)MAWB (1)AWBOD**	**M**				**AWBOD**	**AWB Origin and Destination**
2.4.1	Airport/City code (of Origin)		M	String	3		aaa	Coded representation of a specific airport/city code *Start of AWB Origin and Destination*
2.4.2	Airport/City code (of Destination)		M	String	3		aaa	Coded representation of a specific airport/city code *End of AWB Origin and Destination*
2.5		**(1)MAWB(1) QDTLS**	**M**				**QDTLS**	**Quality Details**
2.5.1	Separator : Slant		M				Slant	*Start of Quantity Details*
2.5.2	Shipment Description Code (T)		M	String	1	D - Divided Consignment M - Multi-Shipments P - Part Consignment S - Split Consignment	a	Code indicating whether a shipment is a total, part or split consignment e.g.: D

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
						T - Total Consignment		
2.5.3	Number of Pieces		M	Number	4		n[…4]	Number of Loose Items and/or ULD's as accepted for carriage
2.5.4	Weight Code		M	String	1	K – Kilos L - Pounds	a	Code identifying a unit of Weight Eg. K
2.5.5	Weight		M	~~String~~Number	7,1		n[….7]P	Weight measure *END of Quantity Details*
2.6	Separator : CRLG		M				CRLF	*End of Master AWB Consignment*
3		**(1)MAWB(1) HWBSD**	**M**				**HWBSD**	**House WayBill Summary Details**
3.1	Line Identifier		M	String	3		aaa	Code Identifying a particular group of data elements e.g., : HBS *Start of House WayBill Summary Details*
3.2	Separator : Slant		M					
3.3	HWB Serial Number		M	String	12		M[1…12]	A serial number allocated by an agent/consolidator to identify a particular air cargo shipment within a Master Air Waybill

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
3.4	Separator : Slant		M					
3.5		**(1)HWBSD(1)HWBOD**	**M**				**HWBOD**	**House waybill Origin and Destination**
3.5.1	Airport/City code (of Departure)		M	String	3		Aaa	Coded representation of a specific airport/city code Start of House waybill origin and destination
3.5.2	Airport/City code (of Destination)		M	String	3		Aaa	Coded representation of a specific airport/city code
3.6	Separator : Slant		M				Slant	End of House way bill origin
3.7		(1)HWBSD(1)HWBT	M				HWBT	House Waybill Totals
3.7.1	Number of Pieces		M	Number	4		n[…4]	Number of Loose Items and/or ULD's as accepted for carriage
3.7.2	Separator : Slant		M				Slant	
3.7.3	Weight Code		M	String	1		a	Code identifying a unit of Weight Eg. K
3.7.4	Weight		M	Number	7,1		n[...7]p	Weight measure

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
3.7.5	Separator : Slant		M				Slant	
3.7.6	SLAC		O	Number	5			
3.8		**(1)HWBSD(1) NOG**	**M**				**NOG**	Nature of Goods
3.8.1	Separator : Slant		M				Slant	Start of Nature of goods
3.8.2	Manifest Description of Goods		M	String	15		t[…15]	Description of the goods for manifest purposes End of Nature of goods
3.9	Separator : CRLF		C				CRLF	If 3.10 segment exists then this CRLF will be there
3.10		**(1)HWBSD(1) SHR**	**O**				**SHR**	Special Handling Requirements --- This segment is not consumed ----
3.10.1	Separator : Slant		M				Slant	
3.10.2	Special Handling Code		M	String	3		aaa	Code indicating that nature of consignment may necessitate use of special handling procedures Dangerous goods

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								e.g. : CAO Element 3.10 can be repeated. Can occur a maximum of nine times.
3.11	Separator : CRLF		M				CRLF	End of House WayBill Summary Details
4		**(1)HWBSD(1) FTDG**	**O**				**FTDG**	Free Text Description of Goods --- This segment is not consumed --- 4.2 to 4.4 can be repeated up to 9 times
4.1	Line Identifier		M	String	3		Aaa	Code identifying a particular group of data elements e.g. TXT Start of Free Text Description of Goods
4.2	Separator : Slant		M				Slant	
4.3	Free Text		M	String	65		t[..65]	Information presented as free text
4.4	Separator : CRLF		M				CRLF	End of Free Text Description of goods
5		**(1)HWBSD(1) HTSI**	**O**				**HTSI**	**Harmonized Tariff Schedule Information**

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								--- This segment is not consumed --- 5.2 to 5.4 can be repeated up to 9 times
5.1	Line Identifier		M	String	3		aaa	Code identifying a particular group of data elements e.g. HTS Start of Harmonized Tariff Schedule Information
5.2	Separator : Slant		M					
5.3	Harmonised Commodity Code		M	String	18		m[6..18]	Number identifying goods for Customs or statistical purposes
5.4	Separator : CRLF						CRLF	End of Harmonized Tariff Schedule Information
6		**(1)HWBSD(M) OCSRC**	**O**				**OCSRC**	**Other Customs, Security and Regulatory Control Information** **6.2 to 6.10 can be repeated**
6.1	Line Identifier (OCI)		M	String	3		aaa	Code identifying a particular group of data elements Eg. CNE Start of Other Customs Information
6.2	Separator : Slant		M				Slant	Start of Other Customs Information Details

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
6.3	ISO Country Code		C	String	2		aa	Coded representation of a country approved by ISO Eg. CH. (At least one of Ref. 6.3., Ref. 6.5. or Ref. 6.7. must be included).
6.4	Separator : Slant		M				Slant	
6.5	Information Identifier		C	String	3		Aaa	Code identifying a particular group of data elements Eg. CNE (At least one of Ref. 6.3., Ref. 6.5. or Ref. 6.7. must be included).
6.6	Separator : Slant		M				Slant	
6.7	Customs, security and regulatory control information identifier		C	String	2		a[…2]	Coded indicator qualifying Customs related information Eg. A (At least one of Ref. 6.3., Ref. 6.5. or Ref. 6.7. must be included).
6.8	Separator : Slant		M				Slant	
6.9	Supplementary customs, security and regularity control information		M	String	35		t[…35]	Supplementary information identifying a party or a location related to Customs reporting requirements

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								Eg. BCBP123
6.10	Separator : CRLF		M				CRLF	End of Other Customs Information Details *End of Other Customs Information*
7		**(1) HWBSD(1)SNA**	**O**				**SNA**	Shipper Name and Address
7.1	Line Identifier		M	String	3		Aaa	Code identifying a particular group of data elements Eg. CNE Start of Shipper Name and Address
7.2	Separator : CRLF		M					
7.3		**(1)SNA(1..2) NAM**					**NAM**	Name 7.3.2 to 7.3.4 can be repeated for 2 times
7.3.1	Information Identifier (NAM)		M	String	3		Aaa	Code identifying a particular group of data elements Eg. NAM Start of Name

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
7.3.2	Separator : Slant		M					
7.3.4	Name		M	String	35		t[..35]	Identification of individual or company involved in the movement of a consignment
7.3.4	Separator : CRLF		M				CRLF	End of Name
7.4		**(1)SNA(1)ADR**					**ADR**	**Street Address** **7.4.2 to 7.4.4 can be repeated up to 2 times**
7.4.1	Information Identifier (ADR)		M	String	3			Code identifying a particular group of data elements Eg. ADR
7.4.2	Separator : Slant		M				slant	
7.4.3	Street Address		M	String	35		t[..35]	Street address of individual or company involved in the movement of a consignment
7.4.4	Separator : CRLF		M				CRLF	End of Street Address
7.5		**(1)SNA(1)LOC**					**LOC**	Location
7.5.1	Information Identifier (LOC)		M	String	3		aaa	Code identifying a particular group of data elements Eg. LOC Start of Location

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
7.5.2	Separator : Slant		M				Slant	
7.5.3	Place		M	String	17		t[..17]	Location of individual or company involved in the movement of a consignment
7.5.4	Separator : Slant		C~~M~~				Slant	Mandatory if State / Province is present
7.5.5	State / Province		O	String	9		t[..9]	Part of a country of an individual or company involved in the movement of a consignment
7.5.6	Separator : CRLF		M				CRLF	End of Location
7.6		**(1)SNA(1)CL**					**CL**	Coded Location
7.6.1	Separator : Slant		M				Slant	Start of coded Location
7.6.2	ISO Country Code		M	String	2		aa	Coded representation of a country approved by ISO Eg : CH
7.6.3	Separator : Slant		C					if 7.6.4 and/or 7.7 included
7.6.4	Post Code		O	String	9		t[…9]	Code allocated by national postal authority to identify location for mail delivery purposes End of coded Location
7.7		**(1)SNA(1)CDTL**	**O**				**CDTL**	Contact Detail
7.7.1	Separator : Slant		M					

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
7.7.2	Contact identifier		M	String	3	FX – Telefax TE – Telephone TL - Telex	m[..3]	Code identifying a means of contact for a participant Eg. FX
7.8.3	Separator : Slant		M				Slant	
7.8.4	Contact Number		M	String	25		m[…25]	Contact Number of the participant End of contact detail Element 7.7.1. – 7.8.4 can be repeated
7.9	Separator : CRLF		M					End of Shipper name and Address
8		**(1) HWBSD(1)CNA**	**O**				**CNA**	Consignee Name and Address
8.1	Line Identifier		M	String	3		Aaa	Code identifying a particular group of data elements Eg. CNE Start of Consignee Name and Address
8.2	Separator : CRLF		M					
8.3		**(1)CNA(1..2) NAM**					**NAM**	Name
8.3.1	Information Identifier (NAM)		M	String	3		Aaa	Code identifying a particular group of data elements

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								Eg. NAM Start of Name
8.3.2	Separator : Slant		M					8.3.2 to 8.3.4 can be repeated for 2 times
8.3.3	Name		M	String	35		t[..35]	Identification of individual or company involved in the movement of a consignment
8.3.4	Separator : CRLF		M				CRLF	End of Name
8.4		**(1)CNA(1..2) SA**					**SA**	**Street Address** **8.4.2 to 8.4.4 can be repeated for 2 times**
8.4.1	Information Identifier (ADR)		M	String	3			Code identifying a particular group of data elements Eg. ADR
8.4.2	Separator : Slant		M				slant	
8.4.3	Street Address		M	String	35		t[..35]	Street address of individual or company involved in the movement of a consignment
8.4.4	Separator : CRLF		M				CRLF	End of Street Address
8.5		**(1)CAN(1)LOC**					**LOC**	Location

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
8.5.1	Information Identifier (LOC)		M	String	3		Aaa	Code identifying a particular group of data elements Eg. LOC Start of Location
8.5.2	Separator : Slant		M				Slant	
8.5.3	Place		M	String	17		t[..17]	Location of individual or company involved in the movement of a consignment
8.5.4	Separator : Slant		C~~M~~				Slant	Mandatory if State / Province is present
8.5.5	State / Province		O	String	9		t[..9]	Part of a country of an individual or company involved in the movement of a consignment
8.5.6	Separator : CRLF		M				CRLF	End of Location
8.7		**(1)CAN(1)CL**					**CL**	Coded Location
8.7.1	Separator : Slant		M				Slant	Start of coded Location
8.7.2	ISO Country Code		M	String	2		aa	Coded representation of a country approved by ISO Eg : CH
8.7.3	Separator : Slant		C					
8.7.4	Post Code		O	String	9		t[…9]	Code allocated by national postal authority to identify location for mail delivery purposes

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								End of coded Location
8.8		**(1)CAN(M)CONDTL**	**O**				**CONDTL**	Contact Detail
8.8.1	Separator : Slant		M					
8.8.2	Contact identifier		M	String	3		m[..3]	Code identifying a means of contact for a participant Eg. FX
8.8.3	Separator : Slant		M				Slant	
8.8.4	Contact Number		M	String	25		m[…25]	Contact Number of the participant End of contact detail
8.9	Separator : CRLF		M					Code identifying a particular group of data elements Eg. CNE Start of Consignee Name and Address
9		**(1) HWBSD(1)CDEC**	**O**				**CDEC**	Charge Declarations --- This segment is not consumed ----
9.1	Line Identifier		M	String	3		aaa	Code identifying a particular group of data elements Eg. ADR Start of Charge Declarations

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
9.2	Separator : Slant		M					
9.3	ISO Currency Code		M	String	3		aaa	Coded representation of a country approved by ISO Eg : CH
9.4	Separator : Slant		M					
9.5		**(1)CDEC(1)PCDEC**	**M**				**PCDEC**	Prepaid / Collect Charge Declarations
9.5.1	P/C Ind. (Weight / Valuation)		M	String	1		a	Code indicating whether payment will be made at origin (prepaid) or at destination (collect) Eg: P
9.5.2	P/C Ind (Other Charges		M	String	1		a	Code indicating whether payment will be made at origin (prepaid) or at destination (collect) Eg: P
9.6		**(1)CDEC(1)VFCD**					**VFCD**	Value for Carriage Declaration
9.6.1	Separator : Slant		M					
9.6.2	Declared Value for Carriage		M	String	12		n[…12]p	The value of a shipment declared for carriage purposes
9.7		**(1)CDEC(1)VFCDEC**					**VFCDEC**	Value for customs Declaration
9.7.1	Separator : Slant		M				Slant	
9.7.2	Declared Value for customs		M	String	12		n[..12]p	The value of a shipment for

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								Customs purposes
9.8		**(1)CDEC(1)VFIDEC**					**VFIDEC**	Value for Insurance Declaration
9.8.1	Separator : Slant		M					
9.8.2	Declared value for Insurance		M	String	11		n[…11]p	The value of a shipment for insurance purposes
9.9	Separator : CRLF		M			CRLF		End of Charge Declarations

FHL Version 4:

Reference : CIMP-29thEdition2009.pdf

Reference of data type

- a represents a single alphabetic character;
- n represents a single numeric character;
- m represents only mixed alpha (characters A through Z) and figures (numerals 0
- through 9);
- t represents a character in free form text (alphabetic, numeric, hyphen, full stop
- or space);

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
FHL		**One Segment Per Interchange**	**M**				**AFHL**	
	Verb	Noun						
1		**(1)AFHL (1)SMIDN**	**M**				**SMIDN**	**Standard Message Identification**
1.1	Standard Message Identifier		M	String	3		aaa	Code shown at the beginning

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								of all standard messages to uniquely identify a given type of message Eg: FHL *Start of Standard message Identification*
1.2	Separator : Slant		M				Slant	
1.3	Message Type Version Number		M	Number	3		n[...3]	Version Number of a message type
1.4	Separator : CRLF		M				CRLF	End of Line *End of Standard Message Identification*
2		**(1) SMIDN (1) MAWB**	**M**				**MAWB**	**Master AWB Consignment Detail**
2.1	Line Identifier		M	String	3		aaa	Code Identifying a particular group of data elements e.g., MBI *Start of Master AWB Consignment*
2.2	Separator : Slant		M				Slant	
2.3		**(1)MAWB(1) MAWBID**	**M**				**MAWBID**	**Master AWB Identification**
2.3.1	Airline Prefix		M	string	3 or 4		nnn	Code representation of an Airline

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								Start of Master AWB Identification section
2.3.2	Separator : Hyphen		M				Hyphen	
2.3.3	AWB Serial Number		M	string	8 to 12		N[8]	A serial number allocated by an airline to identify a particular air cargo shipment and the associated Air Waybill *End of Master AWB Identification section* *FHL IATA template it mentioned as numeric as CRN is using string it is mentioned as string*
2.4		**(1)MAWB (1)AWBOD**	**M**				**AWBOD**	**AWB Origin and Destination**
2.4.1	Airport/City code (of Origin)		M	String	3		aaa	Coded representation of a specific airport/city code *Start of AWB Origin and Destination*
2.4.2	Airport/City code (of Destination)		M	String	3		aaa	Coded representation of a specific airport/city code *End of AWB Origin and Destination*
2.5		**(1)MAWB(1) QDTLS**	**M**				**QDTLS**	**Quality Details**

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
2.5.1	Separator : Slant		M				Slant	*Start of Quantity Details*
2.5.2	Shipment Description Code (T)		M	String	1	D - Divided Consignment M - Multi-Shipments P - Part Consignment S - Split Consignment T - Total Consignment	a	Code indicating whether a shipment is a total, part or split consignment e.g.: D
2.5.3	Number of Pieces		M	Number	4		n[…4]	Number of Loose Items and/or ULD's as accepted for carriage
2.5.4	Weight Code		M	String	1	K – Kilos L - Pounds	a	Code identifying a unit of Weight Eg. K
2.5.5	Weight		M	~~String~~Number	7,1		n[….7]P	Weight measure *END of Quantity Details*
2.6	Separator : CRLG		M				CRLF	*End of Master AWB Consignment*

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
3		**(1)MAWB(1)HWBSD**	**M**				**HWBSD**	**House WayBill Summary Details**
3.1	Line Identifier		M	String	3		aaa	Code Identifying a particular group of data elements e.g., : HBS *Start of House WayBill Summary Details*
3.2	Separator : Slant		M					
3.3	HWB Serial Number		M	String	12		M[1…12]	A serial number allocated by an agent/consolidator to identify a particular air cargo shipment within a Master Air Waybill
3.4	Separator : Slant		M					
3.5		**(1)HWBSD(1)HWBOD**	**M**				**HWBOD**	**House waybill Origin and Destination**
3.5.1	Airport/City code (of Departure)		M	String	3		Aaa	Coded representation of a specific airport/city code Start of House waybill origin and destination
3.5.2	Airport/City code (of Destination)		M	String	3		Aaa	Coded representation of a specific airport/city code
3.6	Separator : Slant		M				Slant	End of House way bill origin

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
3.7		(1)HWBSD(1)HWBT	M				HWBT	House Waybill Totals
3.7.1	Number of Pieces		M	Number	4		n[…4]	Number of Loose Items and/or ULD's as accepted for carriage
3.7.2	Separator : Slant		M				Slant	
3.7.3	Weight Code		M	String	1		a	Code identifying a unit of Weight Eg. K
3.7.4	Weight		M	Number	7,1		n[...7]p	Weight measure
3.7.5	Separator : Slant		M				Slant	
3.7.6	SLAC		O	Number	5			
3.8		**(1)HWBSD(1)NOG**	**M**				**NOG**	Nature of Goods
3.8.1	Separator : Slant		M				Slant	Start of Nature of goods
3.8.2	Manifest Description of Goods		M	String	15		t[…15]	Description of the goods for manifest purposes

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								End of Nature of goods
3.9	Separator : CRLF		C				CRLF	If 3.10 segment exists then this CRLF will be there
3.10		**(1)HWBSD(1) SHR**	**O**				**SHR**	Special Handling Requirements --- This segment is not consumed ---
3.10.1	Separator : Slant		M				Slant	
3.10.2	Special Handling Code		M	String	3		aaa	Code indicating that nature of consignment may necessitate use of special handling procedures Dangerous goods e.g. : CAO Element 3.10 can be repeated. Can occur a maximum of nine times.
3.11	Separator : CRLF		M				CRLF	End of House WayBill Summary Details Ref. 3 can be repeated.
4		**(1)HWBSD(1) FTDG**	**O**				**FTDG**	Free Text Description of Goods

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								--- This segment is not consumed ---
4.1	Line Identifier		M	String	3		Aaa	Code identifying a particular group of data elements e.g. TXT Start of Free Text Description of Goods
4.2	Separator : Slant		M				Slant	
4.3	Free Text		M	String	65		t[..65]	Information presented as free text
4.4	Separator : CRLF		M				CRLF	End of Free Text Description of goods Elements 4.2 thru 4.4 can be repeated. Can occur a maximum of nine times.
5		**(1)HWBSD(1)HTSI**	**O**				**HTSI**	**Harmonized Tariff Schedule Information** **--- This segment is not consumed ---**
5.1	Line Identifier		M	String	3		aaa	Code identifying a particular group of data elements e.g. HTS Start of Harmonized Tariff Schedule Information

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
5.2	Separator : Slant		M					
5.3	Harmonised Commodity Code		M	String	18		m[6..18]	Number identifying goods for Customs or statistical purposes
5.4	Separator : CRLF						CRLF	End of Harmonized Tariff Schedule Information Elements 5.2 to 5.4 can be repeated. Can occur a maximum of nine times.
6		(1)HWBSD(M) OCSRC	O				OCSRC	Other customs information
6.1	Line Identifier (OCI)		M	String	3		aaa	Code identifying a particular group of data elements Eg. CNE Start of Other Customs Information
6.2	Separator : Slant		M				Slant	Start of Other Customs Information Details
6.3	ISO Country Code		C	String	2		aa	Coded representation of a country approved by ISO Eg. CH. (At least one of Ref. 6.3., Ref. 6.5. or Ref. 6.7. must be included).

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
6.4	Separator : Slant		M				Slant	
6.5	Information Identifier		C	String	3		Aaa	Code identifying a particular group of data elements Eg. CNE (At least one of Ref. 6.3., Ref. 6.5. or Ref. 6.7. must be included).
6.6	Separator : Slant		M				Slant	
6.7	Customs Information Identifier		C	String	2		a[…2]	Coded indicator qualifying Customs related information Eg. A (At least one of Ref. 6.3., Ref. 6.5. or Ref. 6.7. must be included).
6.8	Separator : Slant		M				Slant	
6.9	Supplementary Customs Information		M	String	35		t[…35]	Supplementary information identifying a party or a location related to Customs reporting requirements Eg. BCBP123
6.10	Separator : CRLF		M				CRLF	End of Other Customs Information Details

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								End of Other Customs Information Ref. 3 thru 6 can be repeated if there is no occurrence of Ref. 7, 8 or 9.
7		**(1) HWBSD(1)SNA**	**O**				**SNA**	Shipper Name and Address
7.1	Line Identifier		M	String	3		Aaa	Code identifying a particular group of data elements Eg. CNE Start of Shipper Name and Address
7.2	Separator : ~~CRLF~~Slant		M					
7.3	Name		M	String	35		t[..35]	Identification of individual or company involved in the movement of a consignment
7.4	Separator : CRLF		M				CRLF	End of Name
7.5		**(1)SNA(1)ADR**					**ADR**	**Street Address**
7.5.1	Separator : Slant		M				slant	
7.5.2	Street Address		M	String	35		t[..35]	Street address of individual or company involved in the movement of a consignment

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
7.5.3	Separator : CRLF		M				CRLF	End of Street Address
7.6		**(1)SNA(1)LOC**					**LOC**	Location
7.6.1	Separator : Slant		M				Slant	
7.6.2	Place		M	String	17		t[..17]	Location of individual or company involved in the movement of a consignment
7.6.3	Separator : Slant		~~M~~C				Slant	Mandatory if state/province is present
7.6.4	State / Province		O	String	9		t[..9]	Part of a country of an individual or company involved in the movement of a consignment
7.6.5	Separator : CRLF		M				CRLF	End of Location
7.7		**(1)SNA(1)CL**					**CL**	Coded Location
7.7.1	Separator : Slant		M				Slant	Start of coded Location
7.7.2	ISO Country Code		M	String	2		aa	Coded representation of a country approved by ISO Eg : CH
7.7.3	Separator : Slant		C					
7.7.4	Post Code		O	String	9		t[…9]	Code allocated by national postal authority to identify location for mail delivery purposes

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								End of coded Location
7.8		**(1)SNA(1)CDTL**	**O**				**CDTL**	Contact Detail
7.8.1	Separator : Slant		M					
7.8.2	Contact identifier		M	String	3	FX – Telefax TE – Telephone TL - Telex	m[..3]	Code identifying a means of contact for a participant Eg. FX
7.8.3	Separator : Slant		M				Slant	
7.8.4	Contact Number		M	String	25		m[…25]	Contact Number of the participant End of contact detail Element 7.8 can be repeated.
7.9	Separator : CRLF		M					End of Shipper name and Address
8		**(1) HWBSD(1)CNA**	**O**				**CNA**	Consignee Name and Address
8.1	Line Identifier		M	String	3		Aaa	Code identifying a particular group of data elements Eg. CNE Start of Consignee Name and Address

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
8.2	Separator : CRLF		M					
8.3	Name		M	String	35		t[..35]	Identification of individual or company involved in the movement of a consignment
8.4	Separator : CRLF		M				CRLF	End of Name
8.5		**(1)CNA(1)SA**					**SA**	**Street Address**
8.5.1	Separator : Slant		M				slant	
8.5.2	Street Address		M	String	35		t[..35]	Street address of individual or company involved in the movement of a consignment
8.5.3	Separator : CRLF		M				CRLF	End of Street Address
8.6		**(1)CAN(1)LOC**					**LOC**	Location
8.6.1	Separator : Slant		M				Slant	
8.6.2	Place		M	String	17		t[..17]	Location of individual or company involved in the movement of a consignment
8.6.3	Separator : Slant		~~M~~C				Slant	Mandatory If state/province is present
8.6.4	State / Province		O	String	9		t[..9]	Part of a country of an individual or company involved in the movement of a consignment
8.6.5	Separator : CRLF		M				CRLF	End of Location

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
8.7		**(1)CAN(1)CL**					**CL**	Coded Location
8.7.1	Separator : Slant		M				Slant	Start of coded Location
8.7.2	ISO Country Code		M	String	2		aa	Coded representation of a country approved by ISO Eg : CH
8.7.3	Separator : Slant		C					if 8.7.4 and/or 8.8 included).
8.7.4	Post Code		O	String	9		t[…9]	Code allocated by national postal authority to identify location for mail delivery purposes End of coded Location
8.8		**(1)CAN(1)CONDTL**	**O**				**CONDTL**	Contact Detail
8.8.1	Separator : Slant		M					
8.8.2	Contact identifier		M	String	3		m[..3]	Code identifying a means of contact for a participant Eg. FX
8.8.3	Separator : Slant		M				Slant	
8.8.4	Contact Number		M	String	25		m[…25]	Contact Number of the participant End of contact detail
8.9	Separator : CRLF		M					Code identifying a particular

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								group of data elements Eg. CNE Start of Consignee Name and Address Element 8.8 can be repeated.
9		**(1) HWBSD(1)CDEC**	**O**				**CDEC**	Charge Declarations --- This segment is not consumed ---
9.1	Line Identifier		M	String	3		aaa	Code identifying a particular group of data elements Eg. ADR Start of Charge Declarations
9.2	Separator : Slant		M					
9.3	ISO Currency Code		M	String	3		aaa	Coded representation of a country approved by ISO Eg : CH
9.4	Separator : Slant		M					
9.5		**(1)CDEC(1)PCDEC**	**M**				**PCDEC**	Prepaid / Collect Charge Declarations
9.5.1	P/C Ind. (Weight / Valuation)		M	String	1		a	Code indicating whether payment will be made at origin (prepaid) or at destination (collect)

Segment	Attribute	Definition	M/O/C*	Attribute Type	Attribute Length	Data Derivation / Application (entity attribute)	Validation / Allowable Values / Format / Derivation Logic for Derived fields	Remarks/Example
								Eg: P
9.5.2	P/C Ind (Other Charges		M	String	1		a	Code indicating whether payment will be made at origin (prepaid) or at destination (collect) Eg: P
9.6		**(1)CDEC(1)VFCD**					**VFCD**	Value for Carriage Declaration
9.6.1	Separator : Slant		M					
9.6.2	Declared Value for Carriage		M	String	12		n[…12]p	The value of a shipment declared for carriage purposes
9.7		**(1)CDEC(1)VFCDEC**					**VFCDEC**	Value for customs Declaration
9.7.1	Separator : Slant		M				Slant	
9.7.2	Declared Value for customs		M	String	12		n[..12]p	The value of a shipment for Customs purposes
9.8		**(1)CDEC(1)VFIDEC**					**VFIDEC**	Value for Insurance Declaration
9.8.1	Separator : Slant		M					
9.8.2	Declared value for Insurance		M	String	11		n[…11]p	The value of a shipment for insurance purposes
9.9	Separator : CRLF		M			CRLF		End of Charge Declarations