MESSAGE IMPLEMENTATION GUIDELINE

GHANA EDI CUSCAR D.95B

CUSTOMS CARGO REPORT MESSAGE

CUSCAR D.95B

VERSION 1.0 / 2018-06-25

Version History

Version 1.0 - 2018-06-25

    Initial documentation

General

Subset definition

This document defines the requirements of the Ghana GRA Customs Division for clients to carry out their regulatory cargo reporting with Customs.

Functional definition

This message permits the transfer of data from a carrier to a Customs administration for the purpose of meeting Customs cargo reporting requirements.

Field of application

This message may be applied for both national and international trade. It is based on universal practice and is not independent on the type of business or industry.

Subset abbreviations

Default statuses:

  M Mandatory
  C Conditional

Custom statuses for items with default status "Conditional":

  R Required (= Mandatory)
  A Advised / Recommended
  D Depending (= Mandatory in certain conditions)
  O Optional
  X Excluded / Not used
  F Forbidden

Item status & max repeat:

  M 1 Mandatory, must be repeated exactly once
  C 99 Conditional, can be repeated at most 99 times
  R 5 Required, must be repeated atleast once and at most 5 times

Item data types:

an..35 alphanumeric value, at most 35 characters
  an3 alphanumeric value, exactly 3 characters
  n..9 numeric value, at most 9 numbers
  n3 numeric value, exactly 3 numbers
  a1 alphabetic characters, exactly 1 character

Message Structure

Tag	St	Rp	Name
UNH	M	1	MESSAGE HEADER
BGM	M	1	BEGINNING OF MESSAGE
DTM	O	9	DATE/TIME/PERIOD
NAD	C	9	NAME AND ADDRESS
FTX	C	9	FREE TEXT
GRP1	C	9	TDT-LOC-DTM
|--TDT	M	1	DETAILS OF TRANSPORT
|--LOC	C	99	PLACE/LOCATION IDENTIFICATION
|--DTM	R	99	DATE/TIME/PERIOD
GRP2	C	9999	EQD-TSR-MEA-SEL-GIS
|--EQD	M	1	EQUIPMENT DETAILS
|--TSR	C	9	TRANSPORT SERVICE REQUIREMENTS
|--MEA	C	9	MEASUREMENTS
|--SEL	C	9	SEAL NUMBER
|--GIS	C	9	GENERAL INDICATOR
GRP4	C	9999	CNI-CNT-GRP5
|--CNI	M	1	CONSIGNMENT INFORMATION
|--CNT	C	9	CONTROL TOTAL
|-- GRP5	C	9999	RFF-CNT-MOA-LOC-GIS-GRP6-GRP7-GRP9-GRP10
|--|--RFF	M	1	REFERENCE
|--|--CNT	C	9	CONTROL TOTAL
|--|--MOA	C	9	MONETARY AMOUNT
|--|--LOC	C	99	PLACE/LOCATION IDENTIFICATION
|--|--GIS	C	9	GENERAL INDICATOR
|--|-- GRP6	C	9	TDT-LOC-DTM-RFF
|--|--|--TDT	M	1	DETAILS OF TRANSPORT
|--|--|--LOC	C	9	PLACE/LOCATION IDENTIFICATION
|--|--|--DTM	C	9	DATE/TIME/PERIOD
|--|--|--RFF	C	9	REFERENCE
|--|-- GRP7	C	99	NAD-GRP8
|--|--|--NAD	M	1	NAME AND ADDRESS
|--|--|-- GRP8	C	9	CTA-COM
|--|--|--|--CTA	M	1	CONTACT INFORMATION
|--|--|--|--COM	C	9	COMMUNICATION CONTACT
|--|-- GRP9	C	9	QTY-FTX
|--|--|--QTY	M	1	QUANTITY
|--|--|--FTX	C	9	FREE TEXT
|--|-- GRP10	M	9999	GID-PAC-HAN-FTX-MEA-MOA-SGP-DGS-PCI-CST
|--|--|--GID	M	1	GOODS ITEM DETAILS

Tag	St	Rp	Name
|--|--|--PAC	C	9	PACKAGE
|--|--|--HAN	C	9	HANDLING INSTRUCTIONS
|--|--|--FTX	C	99	FREE TEXT
|--|--|--MEA	C	99	MEASUREMENTS
|--|--|--MOA	C	9	MONETARY AMOUNT
|--|--|--SGP	C	99	SPLIT GOODS PLACEMENT
|--|--|--DGS	C	9	DANGEROUS GOODS
|--|--|--PCI	C	9	PACKAGE IDENTIFICATION
|--|--|--CST	C	1	CUSTOMS STATUS OF GOODS
UNT	M	1	MESSAGE TRAILER

Message Segments

UNH   MESSAGE HEADER   M 1

A service segment starting and uniquely identifying a message. The message type code for the Customs cargo report message is CUSCAR.

Tag	Name	St	Type	Notes
0062	MESSAGE REFERENCE NUMBER	M	an..14	
S009	MESSAGE IDENTIFIER	M		
0065	Message type identifier	M	an..6	CUSCAR Customs cargo report message *Other codes are forbidden.*
0052	Message type version number	M	an..3	Fixed value: D*Draft version*
0054	Message type release number	M	an..3	Fixed value: 95B*Release 1995*
0051	Controlling agency	M	an..2	UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM) *Other codes are skipped.*

Example: UNH+nnnnnnnnnnnnnn+CUSCAR:D:95B:UN'
           Example Syntax

Example: UNH+JIN NIU LING6+CUSCAR:D:95B:UN'
           Example

Remarks: Segment Rules
           • This segment is mandatory for all transaction types.
           Element Rules
           • Data Element 0062 must contain a unique sequential number identifying the transaction within your system.

A segment to indicate the message name, type, number and functionality.

Tag	Name	St	Type	Notes	
C002	DOCUMENT/MESSAGE NAME	C			
1001	Document/message name, coded	C	an..3	785	Cargo manifest *Other codes are skipped.*
1004	DOCUMENT/MESSAGE NUMBER	C	an..35		
1225	MESSAGE FUNCTION, CODED	C	an..3	9	Original
				1	Cancellation *** Cancel MANIFEST
				2	Addition *** Add Consignment *Other codes are skipped.*

Example: BGM+785+nnnnnnnnnnnnnn+9'
Example Syntax of An original MANIFEST MESSAGE

Example: BGM+785+ASEM6150689+9'
Example of An original MANIFEST MESSAGE

Remarks: Segment Rules
• This segment is mandatory for all transaction types.
Element Rules
• Data Element 1004 should be a unique reference within your system identifying a MANIFEST MESSAGE and should be the same on
all subsequent adjustment transactions.
• Data Element 1225 is used to identify the type of transaction. The following rules apply ;-
Transaction Type 1 should be used when cancelling a manifest message.
Transaction Type 2 should be used when adding consignment(s) to an existing manifest message.
Transaction Type 9 should be used when transmitting the original manifest message.

A segment to indicate the date/time of message creation and the date and time of cargo report to Customs.

Tag	Name	St	Type	Notes	
C507	DATE/TIME/PERIOD	M			
2005	Date/time/period qualifier	M	an..3	137	Document/message date/time OPTIONAL *** Cargo Manifest Report Date *Other codes are skipped.*
2380	Date/time/period	O	an..35		
2379	Date/time/period format qualifier	O	an..3	2	DDMMYY *Other codes are forbidden.*

Example: DTM+137:nnnnnnnn:2'
Example Syntax

Remarks: Segment Rules
• This segment is mandatory for transaction types 9 (Original).
Element Rules
• Data Element 2380 should contain the date of cargo report to Customs in the format DDMMYY.

A segment to identify the person or party reporting the cargo.

Tag	Name	St	Type	Notes
3035	PARTY QUALIFIER	M	an..3	Use 'CA' when reporting carrier agent code Use 'FM' when reporting vessel master name Use 'LP' when reporting Co Loader
				CA Carrier OPTIONAL *** Carrier Agent Code
				FM Crew member OPTIONAL *** Vessel Master Name
				LP Loading party DEPENDING *** Co Loader 1 and Co Loader 2 *** CONDITION: Required if there is one or more loading party/partner on the vessel *Other codes are skipped.*
C082	PARTY IDENTIFICATION DETAILS	X		
C058	NAME AND ADDRESS	C		
3124	Name and address line	M	an..35	
3124	Name and address line	O	an..35	

Example: NAD+CA++nnnnnnnnn'
            Example Syntax

Remarks: Segment Rules
• Two separate segments are mandatory for transaction type 9 to report Carrier agent code and Vessel master Name
• one separate segment is dependent for transaction type 9
Condition: use to report co-loading agent code

Element Rules
• Data Element 3124 should contain Carrier Agent Code when 3035 is CA
• Data Element 3124 should contain Vessel Master Name when 3035 is FM
• Data Element 3124 should contain Co Loader Code 1, 3124 should contain Co Loader Code 2 when 3035 is LP

Examples
NAD+CA++CRAGNETCODE' //Carrier Agent Code
NAD+FM++Jhon Doe' //Vessel Master Name
NAD+LP++CLDR1:CLDR2' //CoLoader 1 and Co Loader2

A segment to provide reason for change in report.

Tag	Name	St	Type	Notes
4451	TEXT SUBJECT QUALIFIER	M	an..3	AAI General information OPTIONAL
				Other codes are processed.
4453	TEXT FUNCTION, CODED	X		
C107	TEXT REFERENCE	X		
C108	TEXT LITERAL	C		
4440	Free text	M	an..70	
4440	Free text	C	an..70	
4440	Free text	C	an..70	
4440	Free text	C	an..70	
4440	Free text	C	an..70	

Example: FTX+AAI+++nnn...nnn (70):nnn...nnn (70)'
Example Syntax Two lines of remarks

Remarks: Segment Rules
• This segment is optional for all transaction types.
Element Rules
• At least one instance of Data Element 4440 is required, with the remaining being optional (i.e. up to 350
characters).

A group of segments to identify details of transport, locations and associated dates/times.

Remarks: This Segment covers the following;
1. Voyage Number
2. Vessel Code and Name
3. Nationality Code of Vessel
4. Manifest Office Code
5. Port of Loading
6. Port of Landing Suffix
7. Last Port of Call before Port of Discharge
8. Next Port of Call
9. Estimated Date of Departure
10. Estimated Date of Arrival

TDT   DETAILS OF TRANSPORT   M 1

A segment to identify the primary identity of the conveyance e.g. voyage/flight number, vehicle number, railway car initials and numbers and name of vessel reference number.

Tag	Name	St	Type	Notes		
8051	TRANSPORT STAGE QUALIFIER	M	an..3	20	Main-carriage transport	REQUIRED
					Other codes are skipped.	
8028	CONVEYANCE REFERENCE NUMBER	R	an..17	Voyage Number		
C220	MODE OF TRANSPORT	C				
8067	Mode of transport, coded	C	an..3	1		
8066	Mode of transport	C	an..17	1		
C228	TRANSPORT MEANS	C				
8179	Type of means of transport identification	C	an..8	13	Ocean vessel	
					Other codes are skipped.	
8178	Type of means of transport	C	an..17	Ocean Vessel		
C040	CARRIER	X				
8101	TRANSIT DIRECTION, CODED	X				
C401	EXCESS TRANSPORTATION INFORMATION	X				
C222	TRANSPORT IDENTIFICATION	C				
8213	Id. of means of transport identification	R	an..9	Vessel Code		
1131	Code list qualifier	X				
3055	Code list responsible agency, coded	X				
8212	Id. of the means of transport	R	an..35			
8453	Nationality of means of transport, coded	C	an..3	ISO 3166-1 alpha-2		

Example: TDT+20+nnn...n(17)+1:1+13:Ocean vessel++++nnn...n(9):::nnn...n(35):nn'
Example Syntax

Example: TDT+20+JIN NIU LING/61+1:1+13:Ocean vessel++++:::JIN NIU LING/61:AE'

Remarks: "Segment Rules
• This segment is mandatory all transactions types
Element Rules
• Data Element 8028 is required for reporting Voyage Number.
• Data Element 8213 is required for reporting Vessel Code.

- Data Element 8212 is required for reporting Vessel Name.
- Data Element 8453 is required for reporting Nationality Code of Vessel in the country of registration.

LOC   PLACE/LOCATION IDENTIFICATION   **C 99**

A segment to indicate locations relevant to the details of transport, such as port/place of loading, port/place of discharge and port/place of initial arrival.

Tag	Name	St	Type	Notes
3227	PLACE/LOCATION QUALIFIER	M	an..3	Use '22' when reporting Manifest/Customs office code, Use '9' when reporting port of loading, Use '87' when reporting port of loading suffix, Use '125' when reporting Last port of call before port of discharge, Use '61' when reporting Next port of call,
				22 Customs office of clearance OPTIONAL *** Manifest Office Code
				9 Place/port of loading OPTIONAL *** Port of Loading
				87 Place/port of conveyance initial arrival OPTIONAL *** Port of Loading Suffix
				125 Last place/port of call of conveyance OPTIONAL *** Last Port of Call before Port of Discharge
				61 Next port of call OPTIONAL *** Next Port of Call *Other codes are skipped.*
C517	LOCATION IDENTIFICATION	R		Port of Loading Suffix. Indicates whether or not there is more than one Ghana Port of Call on the voyage Code List 1 = 1 additional port to be visited in Ghana , 2 = 2 additional ports to be visited in Ghana Use When LOC 3227 = 87
3225	Place/location identification	C	an..25	
1131	Code list qualifier	X		
3055	Code list responsible agency, coded	X		
3224	Place/location	O	an..17	

Example: LOC+22+nnnnn'
              Example Syntax

Remarks: Segment Rules
              • This segment is dependent for transaction type 9 (Original)
              Condition: see element rules below
              Element Rules
              • Data Element 3225 should contain Manifest Office Code when Data Element 3227 is 22. *segment is mandatory.

              • Data Element 3225 should contain a UN/LOCODE Port Code to identify the Port of Loading Code when Data Element 3227 is 9. segment is mandatory.
              • Data Element 3225 should contain a UN/LOCODE Port Code to identify the Last Port of Call before Port of Discharge when Data Element 3227 is 125. segment is optional, required when vessel calls another port before last port of call in Ghana

              • Data Element 3225 should contain a UN/LOCODE Port Code to identify the Next Port of Call when

Data Element 3227 is 61. segment is optinal

• Data Element 3225 should contain code to identify the Port of Loading Suffix when Data Element 3227 is 87. optional

Example
LOC+22+TEMA'
LOC+9+DXB'
LOC+87+1'
LOC+125+DJB'
LOC+61+MAA'

DTM   DATE/TIME/PERIOD   **R 99**

A segment to specify dates/times related to details of transport.

Tag	Name	St	Type	Notes		
C507	DATE/TIME/PERIOD	M				
2005	Date/time/period qualifier	M	an..3	133	Departure date/time, estimated	REQUIRED
				132	Arrival date/time, estimated	REQUIRED
					Other codes are skipped.	
2380	Date/time/period	R	an..35			
2379	Date/time/period format qualifier	R	an..3	2	DDMMYY	
					Other codes are skipped.	

Example: DTM+132:nnnnnn:2
            Example Syntax

Remarks: Segment Rules
            • This segment is mandatory for transaction types 9 (Original) with two separate segments

            Element Rules
            • Data Element 2380 should contain the Estimated Date of Departure
            • Data Element 2380 should contain the Estimated Date of Arrival

            Example
            DTM+133:220917:2'
            DTM+132:220917:2'

A group of segments to specify details of the equipment including information related to measurement, dimensions, seals, empty container responsible party, container quarantine indicator, as well as temperature/range and use indicator.

Remarks: All Container Details Goes Here;
1. Container Number
2. Container Size
3. Empty or Full indicator
4. Container Gross Weight
5. Container Tare
6. No of Packages in Container
7. Seal Number
8. Container Check Digit

EQD   EQUIPMENT DETAILS   M 1

A segment to specify the type of equipment, empty container indicator, and container number.

Tag	Name	St	Type	Notes	
8053	EQUIPMENT QUALIFIER	M	an..3	CN	Container REQUIRED *Other codes are skipped.*
C237	EQUIPMENT IDENTIFICATION	C			
8260	Equipment identification number	C	an..17		
C224	EQUIPMENT SIZE AND TYPE	C			
8155	Equipment size and type identification	C	an..10	21	Container IC 20 ft.
				22	Container IC 30 ft.
				23	Container IC 40 ft. *Other codes are skipped.*
1131	Code list qualifier	X			
3055	Code list responsible agency, coded	X			
8154	Equipment size and type	C	an..35		
8077	EQUIPMENT SUPPLIER, CODED	X			
8249	EQUIPMENT STATUS, CODED	X			
8169	FULL/EMPTY INDICATOR, CODED	C	an..3	5	Full
				4	Empty *Other codes are skipped.*

Example: EQD+CN+nnnnnnnnnnn+21:::nnnn+++5
Example Syntax

Example: EQD+CN+CSQU305438+21:::22G1+++5
Example

Remarks: Segment Rules
• This segment is dependent for transaction type 9 (Original) and 2 (add consignment(s)).
Condition: Container list is required when containers are being used to transport goods within a consignment or
being shipped empty to destinations.
Element Rules
• Data Element 8260 must contain container number without the check digit.
• Data Element 8155 must contain container size see code list.

- Data Element 8154 must contain ISO Container Size and Type (ISO 6346) .
- Data Element 8169 must contain Empty or Full indicator.

TSR   TRANSPORT SERVICE REQUIREMENTS   **C 9**

A segment to specify the contract, carriage conditions, service and priority requirements for the transport.

Tag	Name	St	Type	Notes
C536	CONTRACT AND CARRIAGE CONDITION	C		
4065	Contract and carriage condition, coded	M	an..3	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
C233	SERVICE	C		
7273	Service requirement, coded	M	an..3	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
7273	Service requirement, coded	C	an..3	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
C537	TRANSPORT PRIORITY	C		
4219	Transport priority, coded	M	an..3	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
C703	NATURE OF CARGO	C		
7085	Nature of cargo, coded	M	an..3	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	

Remarks: this segment is optional

MEA   MEASUREMENTS   C 9

A segment to specify the measurements details for the equipment.

Tag	Name	St	Type	Notes
6311	MEASUREMENT APPLICATION QUALIFIER	M	an..3	Use 'WT' when reporting Container gross and tare weight Use 'AAU' when reporting Number of Packages in Container WT Weights OPTIONAL AAU Package OPTIONAL *Other codes are skipped.*
C502	MEASUREMENT DETAILS	C		
6313	Measurement dimension, coded	C	an..3	T Tare weight G Gross weight *Other codes are skipped.*
C174	VALUE/RANGE	C		
6411	Measure unit qualifier	M	an..3	Use 'KGM' when reporting Container gross and tare weight Use 'CNT' when reporting Number of Packages in Container when data element 6133 is AAU
6314	Measurement value	C	n..18	

Example: MEA+WT+T+KGM:nnnnn.nn'
            Example Syntax

Example: MEA+WT+T+KGM:3000.03'

Remarks: Segment Rules
            • This segment is dependent for transaction type 9 (Original) and 2 (add consignment(s)).
            Condition: Container measurement is required when containers are being used to transport goods within a consignment or
            being shipped empty to destinations.
            Element Rules
            • Data Element 6314 must contain container gross weight when data element 6133 is WT and 6313 is G
            • Data Element 6314 must contain container tare weight when data element 6133 is WT and 6313 is T
            • Data Element 6314 must contain Number of Packages in Container when data element 6133 is AAU and 6313 is not used
            • Data Element 6411 is the measurement unit qualifier.
            Use KGM to report Container gross and tare weight
            Use CNT to report Number of Packages in Container when data element 6133 is AAU

            Example
            MEA+WT+T+KGM:15' //Container Tare Weight
            MEA+WT+G+KGM:14' //Container Gross Weight
            MEA+AAU++CNT:50' //No of Packages in Container

SEL   SEAL NUMBER   C 9

A segment to specify the seal number.

Tag	Name	St	Type	Notes
9308	SEAL NUMBER	M	an..10	Container Seal Number

Example: SEL+nnnnnnnnnn'
Example Syntax

Example: SEL+XYZ567'

Remarks: Segment Rules
• This segment is dependent for transaction type 9 (Original) and 2 (add consignment(s)).
Condition: Container seal is required when containers are being used to transport goods within a consignment.

GIS   GENERAL INDICATOR   C 9

A segment to specify the container quarantine indicator.

Tag	Name	St	Type	Notes		
C529	PROCESSING INDICATOR	M				
7365	Processing indicator, coded	M	an..3	ZZZ	Mutually defined	
					Other codes are skipped.	
1131	Code list qualifier	C	an..3	CD	Container Check Digit	
					Other codes are skipped.	
3055	Code list responsible agency, coded	C	an..3	ZZZ	Mutually defined	
					Other codes are skipped.	
7187	Process type identification	C	an..17			

Example: GIS+ZZZ:CD:ZZZ:5

Remarks: Segment Rules
    • This segment is dependent for transaction type 9 (Original) and 2 (add consignment(s)).
    Condition: Container number check digit is required when containers are being used to transport goods within a consignment or
    being shipped empty to destinations.

    Element Rules
    • Data Element 7187 contain Container Check Digit

A group of segments to provide details of the consignment(s).

Remarks: Segment CNI in this group is repeated only once.
Segment CNT in this group is repeated twice.
Please note that this segments are not repeated for each group 5

Example
CNI+1'
CNT+10:4' //Total Bills/Consignment in the interchange message
CNT+16:6' //Total Equipment in the interchange message

CNI   CONSIGNMENT INFORMATION   M 1

A segment to sequentially number master bills reported in a multi-consignment message. For a single consignment message, this sequence number will always be 1.

Tag	Name	St	Type	Notes
1490	CONSOLIDATION ITEM NUMBER	C	n..4	

Example: CNI+1'

CNT CONTROL TOTAL C 9

A segment to specify the total number of house bills reported under one master bill.

Tag	Name	St	Type	Notes	
C270	CONTROL	M			
6069	Control qualifier	M	an..3	10	Total number of consignments OPTIONAL
				16	Total number of equipment OPTIONAL
					Other codes are skipped.
6066	Control value	M	n..18		
6411	Measure unit qualifier	C	an..3		

Example: CNT+10:4'

Example: CNT+16:4'

Remarks: A segment to specify the total number of bills(consignments) and equipment reported

A group of segments specifying the details of each consignment.

Remarks: This Group covers the following;
1. Bill of Lading Number
2. Cargo Value and Currency
3. Freight Value and Currency
4. Insurance Value and Currency
5. Port Code of Destination
6. Port of Discharge
7. Port of Discharge Suffix
8. Port of Origin Code
9. Arrival Place Code
10. Cargo Code
11. Groupage Indicator
12. Trade Code

RFF   REFERENCE   M 1

A segment to identify the bill number referring to the appropriate type of bill (e.g. master bill of lading, house bill of lading, straight air waybill).

Tag	Name	St	Type	Notes	
C506	REFERENCE	M			
1153	Reference qualifier	M	an..3	BM	Bill of lading number
					Other codes are skipped.
1154	Reference number	R	an..35		

Example: RFF+BM:JNL1100110'

Remarks: Segment Rules
• This segment is mandatory for transaction types 2 (Add Consignment), 9 (Original)
Element Rules
• Data Element 1154 should contain a valid bill of lading number.

CNT   CONTROL TOTAL   C 9

A segment to specify total consignment quantity and weight.

Tag	Name	St	Type	Notes		
C270	CONTROL	M				
6069	Control qualifier	M	an..3	10	Total number of consignments	OPTIONAL
					Other codes are skipped.	
6066	Control value	M	n..18			

Example: CNT+2:4'

Remarks: Segment Rules,
This segment is required when there are house bills associated to the master bills.
Report total number of House Bills on this Master Bill of lading if any.

MOA   MONETARY AMOUNT   C 9

A segment to specify the onward carriage shipment value, amount of insurance, value of Customs in-bond movement, declared value for Customs, declared value for carriage, no Customs value, transport charge amount, freight payment amount.

Tag	Name	St	Type	Notes		
C516	MONETARY AMOUNT	M				
5025	Monetary amount type qualifier	M	an..3	63	FOB value OPTIONAL	
				313	International freight OPTIONAL	
				67	Insurance OPTIONAL	
					Other codes are skipped.	
5004	Monetary amount	R	n..18			
6345	Currency, coded	R	an..3	ISO 4217:2015		
6343	Currency qualifier	O	an..3			
4405	Status, coded	R	an..3	2	Done	
					Other codes are skipped.	

Example: MOA+63:58969:USD::2'
            BOL Level Cargo Value,Currency and Status

Remarks: Segment Rules
            • This segment is mandatory for transaction types 2 (Add Consignment), 9 (Original)
            Element Rules
            • Data Element 5004 should contain cargo value when data element 5025 is 63.
            • Data Element 5004 should contain freight value when data element 5025 is 313.
            • Data Element 5004 should contain insurance value when data element 5025 is 67.

LOC   PLACE/LOCATION IDENTIFICATION   C 99

A segment to specify the Customs clearance office/place, place of origin of carriage, place of acceptance by importing carrier, place of ultimate destination of goods, place of transhipment, place of departure, place of customs examination and place/port of discharge.

Tag	Name	St	Type	Notes	
3227	PLACE/LOCATION QUALIFIER	M	an..3	11	Place/port of discharge OPTIONAL *** Port of Discharge Suffix
				12	Port of discharge OPTIONAL
				8	Place of destination OPTIONAL
				76	Original port of loading OPTIONAL *** Port of Origin Code
				60	Place of arrival OPTIONAL *** Place of Arrival Name and Code *Other codes are skipped.*
C517	LOCATION IDENTIFICATION	C			
3225	Place/location identification	R	an..25		

Example: LOC+12+GHTEM'

Remarks: Segment Rules
• This segment is mandatory for transaction types 2 (Add Consignment), 9 (Original)
Element Rules
• Data Element 3225 should contain Port of Discharge Suffix when data element 3227 is 11.
• Data Element 3225 should contain Port of Discharge when data element 3227 is 12.
• Data Element 3225 should contain Port Code of Destination when data element 3227 is 8.
• Data Element 3225 should contain Place of Arrival Code when data element 3227 is 60.
• Data Element 3225 should contain Port of Origin Code when data element 3227 is 76.

GIS   GENERAL INDICATOR   **C 9**

A segment to specify processing indicators such as import/export/transit indicator, container quarantine indicator, onward movement type indicator and status of the goods.

Tag	Name	St	Type	Notes	
C529	PROCESSING INDICATOR	M			
7365	Processing indicator, coded	M	an..3	23	Import
				22	Export
				24	Transit
				28	Transhipment
				11	Pre-entry information
				ZZZ	Mutually defined
				61	Temporary landing
					Other codes are skipped.
1131	Code list qualifier	C	an..3	105	Customs declaration type
				GRP	Groupage Indicator
				CDC	Cargo Code
					Other codes are skipped.
3055	Code list responsible agency, coded	C	an..3	ZZZ	Mutually defined
					Other codes are skipped.
7187	Process type identification	C	an..17		

Example: GIS+11:CGC:ZZZ:FCL
           Cargo Code example

Example: GIS+ZZZ:GRP:ZZZ:Y
           Groupage example

Remarks: Segment Rules
           • Three segments mandatory for transaction types 2 (Add Consignment), 9 (Original)

           Element Rules
           • Data Element 7346 should contain Trade Code when data element 1131 is 105.
           code list (23 = Import, 22 = Export, 24 = Transit, 28 = Transshipment, 61 = Temporary landing')
           Example: GIS+23:105'

           • Data Element 7187 should contain Cargo Code when data element 7365 is 11 and 1131 is CDC.
           Cargo Code List;
           FCL = FCL CONTAINER
           LCL = LCL CONTAINER
           EMC = EMPTY CONTAINER
           BKS = BULK SOLID
           BKL =BULK LIQUID
           ROR = RO-RO UNIT
           PAX = PASSENGER
           GCB = GENERAL CARGO BREAK BULK

           • Data Element 7187 should contain Groupage indicator when data element 7365 is ZZZ and 1131 is GRP.

Groupage Code List;
Y = Yes
N = No

GRP6   TDT-LOC-DTM-RFF   C 9

A group of segments to identify details of onward carriage for each consignment.

Remarks: This Group covers the following;
1. Final Destination Code
2. Date of Loading
3. Duration of Temporary Landing
4. Estimated Date of Transportation
5. Time at Greenwich Meridian at the Estimated Time of Departure from Port of Loading
6. Master Bill of Lading Number if reporting House Bill of Lading

TDT   DETAILS OF TRANSPORT   M 1

A segment to specify the identity of the onward conveyance.

Tag	Name	St	Type	Notes	
8051	TRANSPORT STAGE QUALIFIER	M	an..3	11	At border OPTIONAL *Other codes are skipped.*
8028	CONVEYANCE REFERENCE NUMBER	C	an..17		

Example: TDT+11+674874'

Remarks: Code of Transportation Mode of Transit/Customs Transit of Temporary landing Cargo

LOC   PLACE/LOCATION IDENTIFICATION   **C 9**

A segment to indicate locations relevant to the onward transport of the goods.

Tag	Name	St	Type	Notes	
3227	PLACE/LOCATION QUALIFIER	M	an..3	8	Place of destination OPTIONAL *** Final Destination Code *Other codes are skipped.*
C517	LOCATION IDENTIFICATION	C			
3225	Place/location identification	C	an..25	UN/LOCODE	
1131	Code list qualifier	X			
3055	Code list responsible agency, coded	X			
3224	Place/location	C	an..17		

Example: LOC+8+GHTEM:::TEMA'

Remarks: Segment Rules
• This segment is dependent for transaction types 2 (Add Consignment), 9 (Original)
Element Rules
• Data Element 3225 should contain Final Destination Code when data element 3227 is 8.

DTM   DATE/TIME/PERIOD   **C 9**

A segment to specify dates/times related to details of onward transport.

Tag	Name	St	Type	Notes		
C507	DATE/TIME/PERIOD	M				
2005	Date/time/period qualifier	M	an..3	342	On-board date OPTIONAL *** Date of Loading	
				354	Activity period date range OPTIONAL *** Duration of Temporary Landing	
				163	Processing start date/time OPTIONAL *** Estimated Date of Transportation	
				164	Processing end date/time OPTIONAL *** Estimated Date of Transportation	
				11	Despatch date/time OPTIONAL *** Time at GreenwichMeridian at the Estimated Time of Departure *Other codes are skipped.*	
2380	Date/time/period	R	an..35			
2379	Date/time/period format qualifier	R	an..3	2	DDMMYY	
				804	Day *Other codes are skipped.*	

Example: DTM+342:250917:2'
            Date of Loading example

Example: DTM+354:5:804'
            Duration of Temporary Landing example

Remarks: Segment Rules
            • This segment is mandatory for transaction types 9 (Original).
            Element Rules
            • Data Element 2380 should contain Date of Loading when data element qualifier 2005 is 342.
            • Data Element 2380 should contain Duration of Temporary Landing when data element qualifier 2005 is 354.
            • Data Element 2380 should contain Estimated Start Date of Transportation when data element qualifier 2005 is 163.
            • Data Element 2380 should contain Estimated End Date of Transportation when data element qualifier 2005 is 164.
            • Data Element 2380 should contain Time at Greenwich Meridian at the Estimated Time of Departure from Port of Loading when data element qualifier 2005 is 11.

RFF   REFERENCE   **C 9**

A segment to specify onward carriage control number, onward carriage bond number and secondary conveyance identification numbers.

Tag	Name	St	Type	Notes		
C506	REFERENCE	M				
1153	Reference qualifier	M	an..3	MB	Master bill of lading number	OPTIONAL
					Other codes are skipped.	
1154	Reference number	C	an..35			

Example: RFF+MB:JNL61TF11'
          Master Bill of Lading Number

Remarks: Segment Rules
          • This segment is dependent for transactions 2 (Add Consignment), 9 (Original)
          Condition : Master Bill of Lading Number is mandatory if you are reporting house bill of lading (i.e. Groupage is Yes: GIS+ZZZ:GRP:ZZZ:Y)

          Element Rules
          • Data Element 1154 should contain a valid bill of lading number.

A group of segments to identify the parties, contacts and related references.

Remarks: This Group covers the following;
      1. Consignor code, Consignor Name and Address and Country code
      2. Consignee code, Consignee Name and Address and Country code
      3. Notify code, Notify Name and Address and Country code
      4. Original Consignee Code, Original Consignee Name and Address and country
      5. Original Shipper Code, Original Shipper Name and Address and country

      NAD+CZ+TORDRR:TOR DRR LTD:address line++++++AE //Consignor'
      NAD+CN+DMNCO:DELIMAN LTD:address line++++++GH //Consignee '
      NAD+N1+NTFY1:Name:Notify address line //Notify 1'
      NAD+N2+NTFY2:Name:Notify address line //Notify 2'
      NAD+N3+NTFY3:Name:Notify address line //Notify 3'
      NAD+CG+BPAC //Box Partnering Agent Code'
      NAD+CA+BPLC //Box Partnering Line Code'
      NAD+OCN+OCONZ:ZZZ:ZZZ+Name:address line++++++GH //Original Consignee'
      NAD+OSP+OCONZ:ZZZ:ZZZ+Name:address line++++++GH //Original Shipper'

NAD   NAME AND ADDRESS   M 1

A segment specifying the name and address of the consignor, shipper, notifier, consignee, empty container responsible party, nominated reporting agent, railway issuing waybill, and reporting party.

Tag	Name	St	Type	Notes	
3035	PARTY QUALIFIER	M	an..3	CZ	Consignor OPTIONAL
				CN	Consignee OPTIONAL
				N1	Notify party no. 1 OPTIONAL
				N2	Notify party no. 2 OPTIONAL
				CG	Carrier's agent OPTIONAL *** Box Partnering Agent Code
				CA	Carrier OPTIONAL *** Box Partnering Line Code
				N3	Notify party no. 3 OPTIONAL
				OCN	Original consignee OPTIONAL
				OSP	Original Shipper OPTIONAL *Other codes are skipped.*
C082	PARTY IDENTIFICATION DETAILS	X			
C058	NAME AND ADDRESS	C			
3124	Name and address line	M	an..35	NAD CODE	
3124	Name and address line	C	an..35	NAD NAME	
3124	Name and address line	C	an..35	NAD ADDRESS	
C080	PARTY NAME	C			
3036	Party name	M	an..35		
3036	Party name	C	an..35		
3036	Party name	C	an..35		
3036	Party name	C	an..35		
3036	Party name	C	an..35		
3045	Party name format, coded	C	an..3		
C059	STREET	X			

Tag	Name	St	Type	Notes
3164	CITY NAME	X		
3229	COUNTRY SUB-ENTITY IDENTIFICATION	X		
3251	POSTCODE IDENTIFICATION	X		
3207	COUNTRY, CODED	C	an..3	ISO 3166-1 alpha-2

Example: NAD+CZ+DMNCO:DELIMAN AND CO.,LTD. KAMAME NKR:Addess Line of DELIMAN++++++GH

Remarks: Segment Rules
• This segment is mandatory for transaction type 2 (Add Consignment), 9 (Original).
Element Rules
• Data Element 3124 is repeated three times to store Party Code,Name and Address respectively when data element qualifier 3035 is CZ-Consignor, CN-Consignee, N1-Notify Party 1, N2-Notify Party 2 or N3-Notify Party 3

• Data Element 3124 should contain Box Partnering Agent Code when 3035 is CG. The second and third data element 3124 are not required
• Data Element 3124 should contain Box Partnering Line Code when 3035 is CA. The second and third data element 3124 are not required
• Data Element 3207 should contain ISO 3166-1 alpha-2 country code when 3035 is CZ,CN,N1,N2 or N3 only

Please Note:
Use the Ghana GRA Tax Identification Number (TIN) when reporting Consignee Code at data element 3124 with qualifier 3035 = 'CN'

A group of segments identifying a contact and its communication related to the party.

Remarks: This group reports the following fields.
        1. Party Contact information

CTA   CONTACT INFORMATION   M 1

A segment to identify a person or department within a party.

Tag	Name	St	Type	Notes	
3139	CONTACT FUNCTION, CODED	R	an..3	CN	Consignee
				CO	Consignor
				N1	Notify Party 1
				N2	Notify Party 2
				N3	Notify Party 3
				Other codes are skipped.	

Example: CTA+CO'

Remarks: Segment Rules
        • This segment is dependent for transactions 2 (Add Consignment), 9 (Original).
        Condition :it is required for these (CZ,CN,N1,N2,N3) Group 7 NAD data element qualifier 3035.

        Element Rules
        • Data Element 3139 should contain the following as applicable
        CO-Consignor, CN-Consignee, N1-Notify Party 1, N2-Notify Party 2, N3-Notify Party 3

        Please note that Segment CTA is a qualifier for segment COM for example:
        CTA+CO //Mandatory Consignor segment for GRP8'
        COM+05077:TE // Consignor Contact (Tel No)'
        CTA+CN //Mandatory segment for Consignee GRP8'
        COM+057753:TE // Consignee Contact (Tel No)'
        CTA+N1 //Mandatory segment for Notify Party1 GRP8'
        COM+057753:TE // Notify Party1 Contact (Tel No)'
        CTA+N2 //Mandatory segment for Notify Party1 GRP8'
        COM+057753:TE // Notify Party2 Contact (Tel No)'
        CTA+N3 //Mandatory segment for Notify Party1 GRP8'
        COM+057753:TE // Notify Party3 Contact (Tel No)'

COM   COMMUNICATION CONTACT   **C 9**

A segment to identify the communication numbers of persons or department to whom communication should be directed.

Tag	Name	St	Type	Notes	
C076	COMMUNICATION CONTACT	M			
3148	Communication number	M	an..25		
3155	Communication channel qualifier	M	an..3	TE	Telephone
					Other codes are skipped.

Example: COM+0507756534:TE'

Remarks: Segment Rules
• This segment is dependent for transactions 2 (Add Consignment), 9 (Original).
Condition :it is required for these (CZ,CN,N1,N2,N3) Group 7 NAD data element qualifier 3035.

Element Rules
• Data Element 3148 should contain Telephone number

Please note that Segment CTA is a qualifier for COM for example:
CTA+CO //Mandatory Consignor segment for GRP8'
COM+05077:TE // Consignor Contact (Tel No)'
CTA+CN //Mandatory segment for Consignee GRP8'
COM+057753:TE // Consignee Contact (Tel No)'
CTA+N1 //Mandatory segment for Notify Party1 GRP8'
COM+057753:TE // Notify Party1 Contact (Tel No)'
CTA+N2 //Mandatory segment for Notify Party1 GRP8'
COM+057753:TE // Notify Party2 Contact (Tel No)'
CTA+N3 //Mandatory segment for Notify Party1 GRP8'
COM+057753:TE // Notify Party3 Contact (Tel No)'

A group of segments to specify, at the consignment level, the quantity manifested, quantity landed and reason for change.

Remarks: This group reports the following fields
1. Total commodities in Consignments
2. Bill of Lading Remarks
3. Reason for Temporary Landing
4. SLAC Indicator
5. Contract Carriage Condition
6. Original Bill of Lading Number
7. Original Vessel Name

QTY+142:1'
FTX+AAS+3++Bill of Lading Remarks'
FTX+ACD+3++Reason for Temporary Landing'
FTX+ZZZ+3+RTY:HRC:ZZZ //House bill of lading register code'
FTX+ZZZ+3+N:SLC:ZZZ //SLAC Indicator'
FTX+AAR+3+FOB:CCN:ZZZ //Contract Carriage Condition'
FTX+ZZZ++OBOL:ZZZ+BOL0067 //Original Bill of Lading Number'
FTX+ZZZ++OVYG:ZZZ+VYGTKMK //Original Vessel Name'

QTY   QUANTITY   M 1

A segment identifying quantity manifested and quantity landed.

Tag	Name	St	Type	Notes		
C186	QUANTITY DETAILS	M				
6063	Quantity qualifier	M	an..3	142	Total quantity, planned	REQUIRED
					Other codes are skipped.	
6060	Quantity	M	n..15			

Example: QTY+142:1'

Remarks: QTY+142:1'

FTX   FREE TEXT   **C 9**

A segment to indicate the reason for change e.g.part/short/overshipped cargo.

Tag	Name	St	Type	Notes	
4451	TEXT SUBJECT QUALIFIER	M	an..3	AAS	Bill of lading remarks OPTIONAL *** Bill of lading remarks
				ACD	Reason DEPENDING *** Reason for temporary landing *** CONDITION: Required when Group 5 GIS C529 7356 is 61
				ZZZ	Mutually defined OPTIONAL
				AAR	Terms of delivery OPTIONAL *Other codes are skipped.*
4453	TEXT FUNCTION, CODED	C	an..3	3	Text for immediate use *Other codes are skipped.*
C107	TEXT REFERENCE	C			
4441	Free text, coded	M	an..3		code list: one segment for House bill of lading register code qualifier: RTY-House bill of lading register code one segment for Contract Carriage Condition qualifier: DDP–Delivered Duty Paid, FOB–Free on Board, CFR–Cost and Freight, CIF–Cost,Insurance & Freight, XXX–Others one segment for Original BoL Number Qualifier: OBOL - Original BOL Number one segment for Original vessel name Qualifier: OVYG - Original vessel name
1131	Code list qualifier	C	an..3	ZZZ	Mutually defined *Other codes are skipped.*
3055	Code list responsible agency, coded	C	an..3	ZZZ	Mutually defined *Other codes are skipped.*
C108	TEXT LITERAL	C			
4440	Free text	M	an..70		
4440	Free text	C	an..70		
4440	Free text	C	an..70		
4440	Free text	C	an..70		
4440	Free text	C	an..70		

Example: FTX+ACD+3++Reason for Temporary Landing'

Remarks: Segment Rules
• This segment is dependent for transactions 2 (Add Consignment), 9 (Original).
Condition: Bill of Lading remarks,
Reason for Temporary Landing, SLAC Indicator,Dangerous Goods,New or Used indicator,Contract Carriage Condition
Element Rules
• 4440 should contain bill of lading remarks when 4451 is AAS and 4453 is 3.
• 4440 should contain reason for temporary landing when 4451 is ACD and 4453 is 3. it is required when Group 5 GIS C529 7356 is 61
• 4441 should contain Y or N for SLAC indicator when 4451 is ZZZ, 4453 is 3, 1131 is SLC and 3055 is ZZZ.

• 4440 should contain Y or N for Dangerous Goods Indicator when 4451 is ZZZ, 4441 is DNG and 1131 is ZZZ.
• 4440 should contain N or U for New or Used Goods Indicator when 4451 is ZZZ, 4441 is NU and 1131 is ZZZ.
• 4441 should contain Contract Carriage Condition when 4451 is AAR,4453 is 3, 1131 is CCN and 3055 is ZZZ.

A group of segments specifying goods item details including number and type of packages, handling instructions, quantity variances, package identification, goods description, monetary amounts, measurements, indicators for split goods placement, indicator for dangerous goods, status of the goods, documents.

Remarks: This group reports the following fields
1. Number of packages
2. Refrigeration required status
3. Storage requested for dangerous goods indicator
4. Goods description
5. UCR number
6. Gross weight and unit
7. Net Volume and unit
8. Minimum and maximum temperature for refrigeration
9. Split goods placement
10. IMD Number and UN Number and dangerous good temp flash point
11. Marks and numbers
12. Harmonized System codes

GID   GOODS ITEM DETAILS   M 1

A segment identifying the line item number, as well as number and type of packages.

Tag	Name	St	Type	Notes		
1496	GOODS ITEM NUMBER	C	n..5			
C213	NUMBER AND TYPE OF PACKAGES	C				
7224	Number of packages	C	n..8			
7065	Type of packages identification	C	an..17			
1131	Code list qualifier	C	an..3	ZZZ	Mutually defined	
					Other codes are skipped.	
3055	Code list responsible agency, coded	C	an..3	ZZZ	Mutually defined	
					Other codes are skipped.	
7064	Type of packages	C	an..35			

Example: GID+1+1185:UNT:ZZZ:ZZZ:UNITS

Remarks: Segment Rules
• Separate segments are required for each individual Goods Item within a consignment for transactions types 2 (Add Consignment), 9 (Original)

Element Rules
• Data Element 7224 should contain Number of packages.

PAC   PACKAGE   C 9

A segment identifying the level of packaging.

Tag	Name	St	Type	Notes
7224	NUMBER OF PACKAGES	C	n..8	
C531	PACKAGING DETAILS	C		
7075	Packaging level, coded	C	an..3	
7233	Packaging related information, coded	C	an..3	
7073	Packaging terms and conditions, coded	C	an..3	
C202	PACKAGE TYPE	C		
7065	Type of packages identification	C	an..17	
1131	Code list qualifier	C	an..3	
3055	Code list responsible agency, coded	C	an..3	
7064	Type of packages	C	an..35	
C402	PACKAGE TYPE IDENTIFICATION	C		
7077	Item description type, coded	M	an..3	
7064	Type of packages	M	an..35	
7143	Item number type, coded	C	an..3	
7064	Type of packages	C	an..35	
7143	Item number type, coded	C	an..3	
C532	RETURNABLE PACKAGE DETAILS	C		
8395	Returnable package freight payment responsibility, coded	C	an..3	
8393	Returnable package load contents, coded	C	an..3	

Remarks: this segment is optional

HAN   HANDLING INSTRUCTIONS   **C 9**

A segment identifying handling instructions.

Tag	Name	St	Type	Notes
C524	HANDLING INSTRUCTIONS	C		
4079	Handling instructions, coded	C	an..3	Storage requested for dangerous goods possible values when 1131 is 139 ND - DIRECT DELIVERY YS - STORAGE IN SHEDS YY - STORAGE IN YARDS Refrigeration when 1131 is 122 RY-Refrigeration required
1131	Code list qualifier	C	an..3	139 Port 122 Commodity *Other codes are skipped.*
3055	Code list responsible agency, coded	C	an..3	ZZZ Mutually defined *Other codes are skipped.*
4078	Handling instructions	C	an..70	

Example: HAN+RY:122:ZZZ'
            Refrigeration required

Example: HAN++YS:139:ZZZ'
            Storage requested for dangerous goods possible values are ND,YS,YY'

Remarks: This segment is conditional for transaction types 2 (Add Consignment), 9 (Original) ..
            Condition : only required for Goods Item that requires refrigeration and dangerous goods storage request.

FTX   FREE TEXT   **C 99**

A segment to identify the description of goods.

Tag	Name	St	Type	Notes	
4451	TEXT SUBJECT QUALIFIER	M	an..3	AAA	Goods description OPTIONAL *** General goods description
				ZZZ	Mutually defined OPTIONAL *** Vehicle or equipment remarks
				ACV	Simple data element name OPTIONAL *** UCR number *Other codes are skipped.*
4453	TEXT FUNCTION, CODED	C	an..3	3	Text for immediate use *Other codes are skipped.*
C107	TEXT REFERENCE	C			
4441	Free text, coded	M	an..3	Code List; V - Vehicle E - Equipment VNU - New or Used status VMK - Make VMD - Model VCN - Chassis umber VNC - Case number VCC - Engine capacity VTY - Vehicle type VCY - Number of Cylinders VHP - Horse power VCL - Colour VEN - Engine number VML - Mileage VYR - Model year VRO - Rolling or Static status (R or S) VAA - Description of vehicle VWT - Weight VWU - Weught unit of measure	
1131	Code list qualifier	C	an..3	ZZZ	Mutually defined
				VIN	vehicle identification number *Other codes are skipped.*
3055	Code list responsible agency, coded	C	an..3	ZZZ	Mutually defined *Other codes are skipped.*
C108	TEXT LITERAL	C			
4440	Free text	M	an..70		
4440	Free text	C	an..70		
4440	Free text	C	an..70		
4440	Free text	C	an..70		
4440	Free text	C	an..70		

Example: FTX+AAA+3++This is the goods description'
Goods description example

Example: FTX+ACV+3++596896'
UCR Number example

Remarks: Segment Rules
1 segment is mandatory for Goods Description for each individual Goods Item within a consignment
1 segment is mandatory for UCR Number.
If a vehicle is on board 19 more segments are required to report vehicle details.

Element Rules
• Data Element 4440 should contain the goods description when 4451 is AAA and 4453 is 3.
• Data Element 4440 should contain the UCR Number when 4451 is ACV and 4453 is 3

Example of Vehicle
FTX+ZZZ++V:VIN:ZZZ' //Indicator V=Vehicle E=Equipment
FTX+ZZZ++VNU:ZZZ+N' //N or U
FTX+ZZZ++VMK:ZZZ+Honda'
FTX+ZZZ++VMD:ZZZ+Civic'
FTX+ZZZ++VCN:ZZZ+RXGTSYYSUIS'
FTX+ZZZ++VNC:ZZZ+RTYYS35' //Case number
FTX+ZZZ++VCC:ZZZ+76734897'
FTX+ZZZ++VTY:ZZZ+Car'
FTX+ZZZ++VCY:ZZZ+4'
FTX+ZZZ++VHP:ZZZ+158'
FTX+ZZZ++VCL:ZZZ+White'
FTX+ZZZ++VEN:ZZZ+XCSDRT67478'
FTX+ZZZ++VML:ZZZ+4000'
FTX+ZZZ++VYR:ZZZ+2015'
FTX+ZZZ++VRO:ZZZ+R'
FTX+ZZZ++VAA:ZZZ+Description of Vehicle'
FTX+ZZZ++VWT:ZZZ+7'
FTX+ZZZ++VWU:ZZZ+TON'

MEA   MEASUREMENTS   **C 99**

A segment to identify the goods item gross/net weight.

Tag	Name	St	Type	Notes
6311	MEASUREMENT APPLICATION QUALIFIER	M	an..3	Use 'WT' when reporting consignment weight. Use 'VOL' when reporting consignment volume. Use 'TE' when reporting minimum and maximum temperature for Refrigeration. WT Weights OPTIONAL VOL Volume OPTIONAL TE Temperature OPTIONAL *Other codes are skipped.*
C502	MEASUREMENT DETAILS	C		
6313	Measurement dimension, coded	C	an..3	AAG Gross weight (item level) AAX Net volume *Other codes are skipped.*
C174	VALUE/RANGE	C		
6411	Measure unit qualifier	M	an..3	Use KGM as unit of measure to report gross weight
6314	Measurement value	C	n..18	
6162	Range minimum	C	n..18	
6152	Range maximum	C	n..18	
6432	Significant digits	O	n..2	

Example: MEA+WT+AAG+KGM:nnnnn.nn'

Remarks: Segment Rules
       • This segment is dependent for transactions 2 (Add Consignment), 9 (Original).

       Element Rules

       MEA+WT+AAG+KGM:503475' //Gross weight and Unit
       MEA+VOL+AAX+CM3:50' //Net Volume and Unit
       MEA+TE++C::10:15' //Minimum and maximum temperature for Refrigeration

MOA   MONETARY AMOUNT   C 9

Values per item.

Tag	Name	St	Type	Notes	
C516	MONETARY AMOUNT	M			
5025	Monetary amount type qualifier	M	an..3	63	FOB value OPTIONAL
				313	International freight OPTIONAL
				67	Insurance OPTIONAL
					Other codes are skipped.
5004	Monetary amount	C	n..18		
6345	Currency, coded	C	an..3		
6343	Currency qualifier	C	an..3		
4405	Status, coded	C	an..3	2	Done
					Other codes are skipped.

Example: MOA+63:200:USD::2'

Remarks: this segment is optional

SGP   SPLIT GOODS PLACEMENT   C 99

A segment to indicate the placement of goods in one or more containers.

Tag	Name	St	Type	Notes
C237	EQUIPMENT IDENTIFICATION	M		
8260	Equipment identification number	C	an..17	
7224	NUMBER OF PACKAGES	C	n..8	

Example: SGP+RZXDC002+1'

Remarks: This segment is conditional for transaction types 2 (Add Consignment), 9 (Original) ..
Condition : only required for Goods Item that is being transported in a container.
and its mapped to containers declared In Group 2 EQD

DGS   DANGEROUS GOODS   C 9

A segment to identify dangerous goods.

Tag	Name	St	Type	Notes
8273	DANGEROUS GOODS REGULATIONS, CODED	C	an..3	IMD IMO IMDG code *Other codes are skipped.*
C205	HAZARD CODE	C		
8351	Hazard code identification	M	an..7	
C234	UNDG INFORMATION	C		
7124	UNDG number	C	n4	
C223	DANGEROUS GOODS SHIPMENT FLASHPOINT	C		
7106	Shipment flashpoint	C	n3	
6411	Measure unit qualifier	C	an..3	

Example: DGS+IMD+1549+1052+56:C'
              IMD Number and UN Number and Flash point and its dangerous good temp flash point unit'

Remarks: This segment is conditional for transaction types 2 (Add Consignment), 9 (Original) ..
              Condition : only required for Goods Item with dangerous goods specification.

PCI   PACKAGE IDENTIFICATION   C 9

A segment identifying shipping marks.

Tag	Name	St	Type	Notes	
4233	MARKING INSTRUCTIONS, CODED	C	an..3	24	Shipper assigned *Other codes are skipped.*
C210	MARKS & LABELS	C			
7102	Shipping marks	M	an..35		
7102	Shipping marks	C	an..35		
7102	Shipping marks	C	an..35		
7102	Shipping marks	C	an..35		
7102	Shipping marks	C	an..35		
7102	Shipping marks	C	an..35		
7102	Shipping marks	C	an..35		
7102	Shipping marks	C	an..35		
7102	Shipping marks	C	an..35		
7102	Shipping marks	C	an..35		

Example: PCI+24+BIBC-DXB-1010'
            Marks and numbers

Remarks: Segment Rules
           • Separate segments are required for transaction type 2 (Add Consignment) or 9 (Original)

CST   CUSTOMS STATUS OF GOODS   C 1

A segment to identify Harmonized System codes related to each goods item.

Tag	Name	St	Type	Notes	
1496	GOODS ITEM NUMBER	X			
C246	CUSTOMS IDENTITY CODES	C			
7361	Customs code identification	M	an..18		
1131	Code list qualifier	C	an..3	169	Harmonized system *Other codes are skipped.*
3055	Code list responsible agency, coded	C	an..3	1	CCC (Customs Co-operation Council) *Other codes are skipped.*

Example: CST+HS002:169:1'
         The Harmonized Commodity Description and Coding System HS Code

UNT   MESSAGE TRAILER   M 1

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Tag	Name	St	Type	Notes
0074	NUMBER OF SEGMENTS IN A MESSAGE	M	n..6	
0062	MESSAGE REFERENCE NUMBER	M	an..14	

Example: UNT+22+JIN NIU LING/6'