



Message Implementation Guideline

CODECO

based on

CODECO

Container gate-in/gate-out report message

UN D.16B S4

Version: 1
Variant: 1
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Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	UNB	M	1	0	Interchange header
0010	2	UNH	M	1	0	Message header
0020	3	BGM	M	1	0	Beginning of message
0050		SG1	C	9	1	DOCUMENT TO BE AMENDED
0060	4	RFF	M	1	1	Reference
0050		SG1	C	9	1	CALL PURPOSE
0060	5	RFF	M	1	1	Reference
0050		SG1	C	9	1	PRINCIPAL CARRIER CONVEYANCE NUMBER
0060	6	RFF	M	1	1	Reference
0080		SG2	C	1	1	TDT-SG3-SG3
0090	7	TDT	M	1	1	Transport information
0120		SG3	C	9	2	PLACE/PORT OF DISCHARGE
0130	8	LOC	M	1	2	Place/location identification
0140	9	DTM	C	9	3	ARRIVAL DATE/TIME
0120		SG3	C	9	2	PLACE/PORT OF LOADING
0130	10	LOC	M	1	2	Place/location identification
0140	11	DTM	C	9	3	ARRIVAL DATE/TIME
0140	12	DTM	C	9	3	DEPARTURE DATE/TIME
0150		SG4	M	9	1	MASTER CARGO CARRIER CODE
0160	13	NAD	M	1	1	Name and address
0150		SG4	M	9	1	MESSAGE SENDER
0160	14	NAD	M	1	1	Name and address
0150		SG4	M	9	1	OUTTURN PROVIDER CODE
0160	15	NAD	M	1	1	Name and address
0370		SG10	M	9999	1	EQD-RFF-RFF-RFF-RFF-RFF-DTM-MEA-SEL-SG12-NAD-NAD
0380	16	EQD	M	1	1	Equipment details
0390	17	RFF	C	99	2	BOOKING NUMBER
0390	18	RFF	C	99	2	EXTERNAL REFERENCE
0390	19	RFF	C	99	2	CARGO TYPE INDICATOR
0390	20	RFF	C	99	2	MASTER TRANSPORT DOCUMENT NUMBER
0390	21	RFF	C	99	2	TRANSPORT DOCUMENT NUMBER
0410	22	DTM	C	99	2	Date/time/period
0430	23	MEA	C	99	2	Measurements
0450	24	SEL	C	4	2	Seal number
0540		SG12	C	9	2	TDT-SG13
0550	25	TDT	M	1	2	Transport information
0580		SG13	C	9	3	LOC
0590	26	LOC	M	1	3	Place/location identification

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

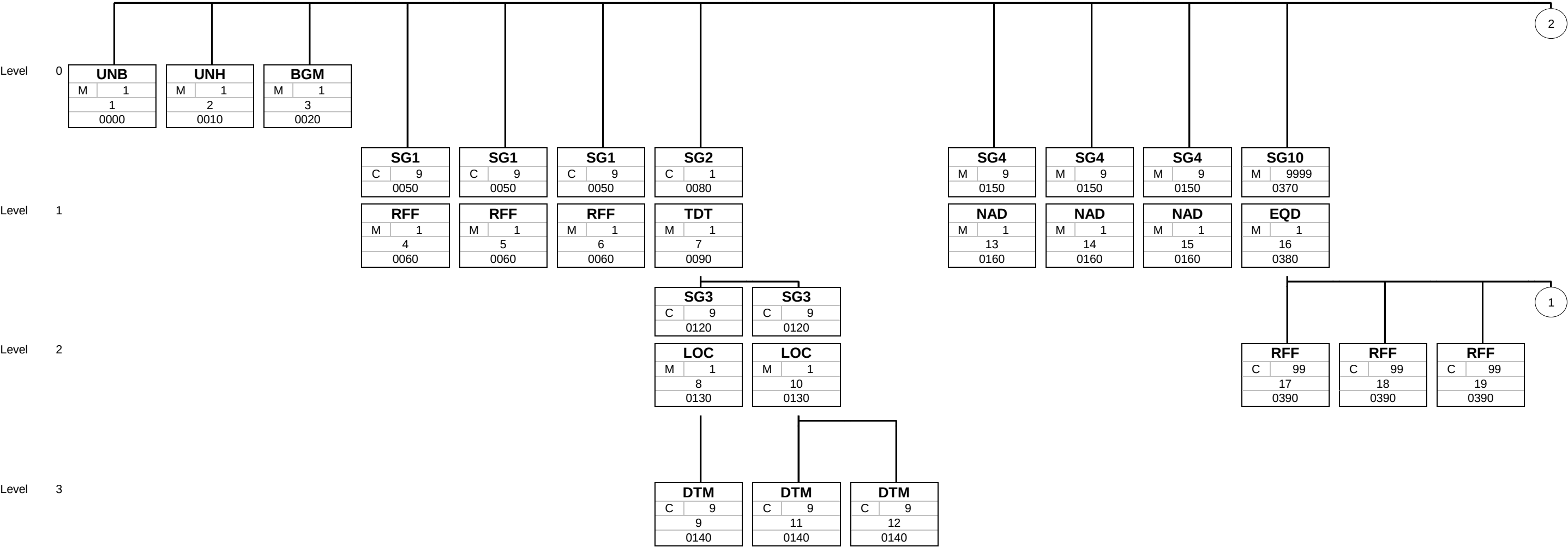
St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

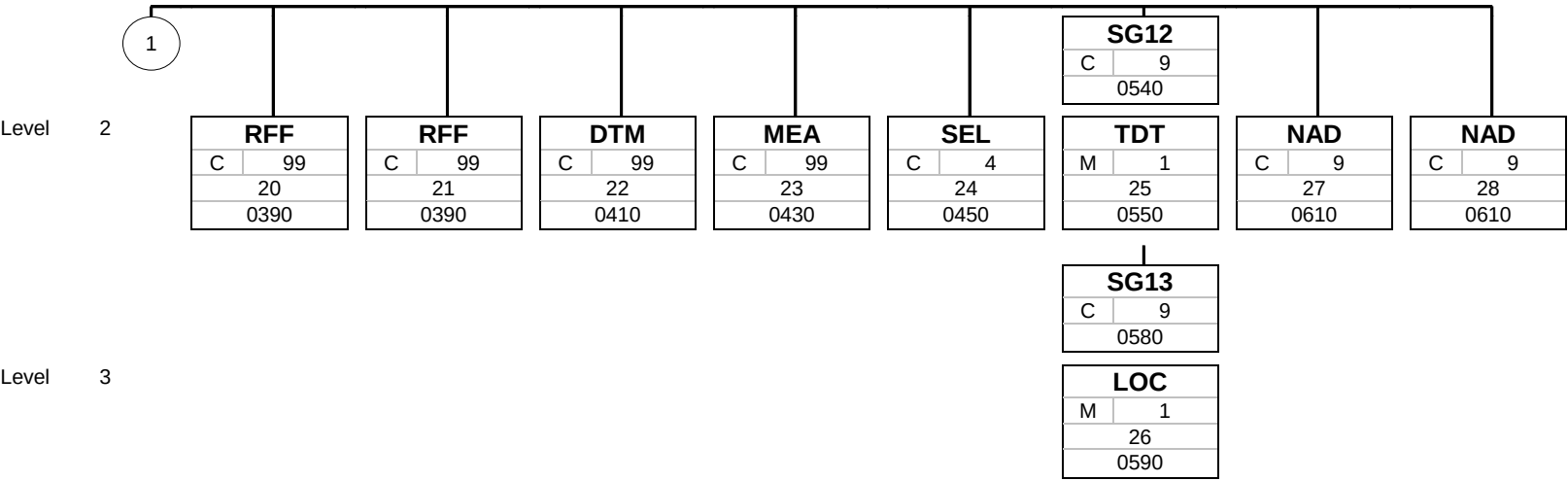
Counter	No	Tag	St	MaxOcc	Level	Content
0610	27	NAD	C	9	2	MASTER CARGO CARRIER CODE
0610	28	NAD	C	9	2	CARGO CARRIER CODE
0720	29	CNT	C	1	0	Control total
0730	30	UNT	M	1	0	Message trailer
0000	31	UNZ	M	1	0	Interchange trailer

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

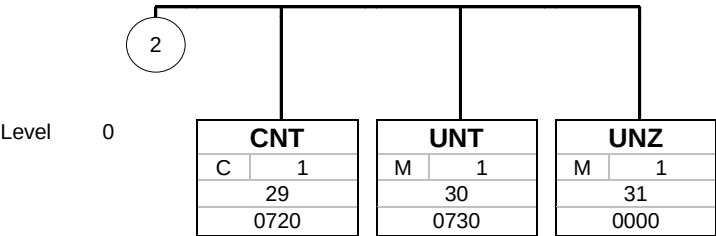
St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

Branching Diagram of Used Segments/Groups





Tag	Tag = Segment/Group Tag
St MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group
Counter	No = Consecutive segment number
	Counter = Counter of segment/group within the standard



Tag
St MaxOcc
No
Counter

Tag = Segment/Group Tag
St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
MaxOcc = Maximum occurrence of the segment/group
No = Consecutive segment number
Counter = Counter of segment/group within the standard

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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00001UNBM10Interchange header

Standard			Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
UNB							
S001	Syntax identifier	M	M				
0001	Syntax identifier	M a4	M a4	UNOB = UN/ECE level B	M	M	
0002	Syntax version number	M an1	M an1	4 = Version 4	M	M	
0080	Service code list directory version number	C an..6	N	Not used			
0133	Character encoding, coded	C an..3	N	Not used			
0076	Syntax release number	C an2	N	Not used			
S002	Interchange sender	M	M				
0004	Interchange sender identification	M an..35	M an..35	SARS assigned EDI Profile Code including dual code (if applicable)	M	M	
0007	Identification code qualifier	C an..4	N	Not used			
0008	Interchange sender internal identification	C an..35	C an..35	Authentication code provided by SARS for EDI profile	M	M	
0042	Interchange sender internal sub-identification	C an..35	C an..35	SARS assigned Service Provider Code (Char 1-3) Comms Protocol Code (Char 4-6) AS2 = AS/2 AS3 = AS/3 400 = X.400	M	M	
S003	Interchange recipient	M	M				
0010	Interchange recipient identification	M an..35	M an..35	SARSCAR = Production System SARSCART = Test System	M	M	
0007	Identification code qualifier	C an..4	N	Not used			
0014	Interchange recipient internal identification	C an..35	N	Not used			
0046	Interchange recipient internal sub-identification	C an..35	N	Not used			
S004	Date and time of preparation	M	M				
0017	Date	M n8	M n8		M	M	
0019	Time	M n4	M n4		M	M	
0020	Interchange control reference	M an..14	M an..14		M	M	
S005	Recipient reference/password details	C	N				
0022	Recipient reference/password	M an..14	N	Not used			
0025	Recipient reference/password qualifier	C an2	N	Not used			
0026	Application reference	C an..14	C an..14	CODECO = Container Gate In / Out Report Message	O	O	
0029	Processing priority code	C a1	N	Not used			
0031	Acknowledgement request	C n1	C n1	1 = Acknowledgement requested	O	O	
0032	Interchange agreement identifier	C an..35	C an..35	X.400 Mailbox Required for X.400			
0035	Test indicator	C n1	C n1	1 = Interchange is a test Omit if Production			

Remark:

Example:

UNB+UNOB:4+12345678ABC::ABCDEFGHIJKLMNOPS:PCAS2+X+20170917:1610+12345678901234++CODECO++1+X400 MAI
LBOX'

Counter	No	Tag	St	MaxOcc	Level	Name
0010	2	UNH	M	1	0	Message header

		Standard	Implementation		TGO	TGI	Business Rules
Tag	Name	St Format	St Format	Usage / Remark			
UNH							
0062	Message reference number	M an..14	M an..14		M	M	
S009	Message identifier	M	M				
0065	Message type	M an..6	M an..6	CODECO = Container gate-in/gate-out report message	M	M	
0052	Message version number	M an..3	M an..3	D = Draft version/UN/EDIFACT Directory	M	M	
0054	Message release number	M an..3	M an..3	16B = Release 2016 - B	M	M	
0051	Controlling agency, coded	M an..3	M an..3	UN = UN/CEFACT			
0057	Association assigned code	C an..6	C an..6	RCG001 = RCG Version 1			
0110	Code list directory version number	C an..6	N	Not used			
0113	Message type sub-function identification	C an..6	N	Not used			
0068	Common access reference	C an..35	N	Not used			
S010	Status of the transfer	C	N				
0070	Sequence of transfers	M n..2	N	Not used			
0073	First and last transfer	C a1	N	Not used			
S016	Message subset identification	C	N				
0115	Message subset identification	M an..14	N	Not used			
0116	Message subset version number	C an..3	N	Not used			
0118	Message subset release number	C an..3	N	Not used			
0051	Controlling agency, coded	C an..3	N	Not used			
S017	Message implementation guideline identification	C	N				
0121	Message implementation guideline identification	M an..14	N	Not used			
0122	Message implementation guideline version number	C an..3	N	Not used			
0124	Message implementation guideline release number	C an..3	N	Not used			
0051	Controlling agency, coded	C an..3	N	Not used			
S018	Scenario identification	C	N				
0127	Scenario identification	M an..14	N	Not used			
0128	Scenario version number	C an..3	N	Not used			
0130	Scenario release number	C an..3	N	Not used			
0051	Controlling agency, coded	C an..3	N	Not used			

Remark:

Example:

UNH+12345678901234+CODECO:D:16B:UN:RCG001'

Counter	No	Tag	St	MaxOcc	Level	Name
0020	3	BGM	M	1	0	Beginning of message

		Standard	Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
BGM							
C002	Document/message name	C	C				
1001	Document name code	C an..3	C an..3	DOCUMENT TYPE 36 = Gate Out Report 34 = Gate In Report			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
1000	Document name	C an..35	N	Not used			
C106	Document/message identification	C	C				
1004	Document identifier	C an..70	C an..35	DOCUMENT NUMBER HDR = DOCUMENT NUMBER Each document submitted must have a unique reference and will be rejected as a duplicate if the same reference is supplied more than once. A change / deletion must have a unique reference and the referenced document reference must be supplied in document to be amended (RFF+ACW).	M	M	
1056	Version identifier	C an..9	N	Not used			
1060	Revision identifier	C an..6	N	Not used			
1225	Message function code	C an..3	C an..3	MESSAGE FUNCTION 1 = Cancellation 4 = Change 9 = Original A document must be accepted before it can be amended or cancelled.	M	M	
4343	Response type code	C an..3	N	Not used			
1373	Document status code	C an..3	N	Not used			
3453	Language name code	C an..3	N	Not used			

Remark:

Example:

BGM+36+1234567890+9'

Counter	No	Tag	St	MaxOcc	Level	Name
0050		SG1	C	9	1	DOCUMENT TO BE AMENDED
0060	4	RFF	M	1	1	Reference

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
RFF								
C506	Reference	M	M					
1153	Reference code qualifier	M an..3	M an..3	ACW = Reference number to previous message				
1154	Reference identifier	C an..70	C an..35	DOCUMENT TO BE AMENDED Mandatory for changes and cancellations.		C	C	
1156	Document line identifier	C an..6	N	Not used				
1056	Version identifier	C an..9	N	Not used				
1060	Revision identifier	C an..6	N	Not used				

Remark:

Example:

RFF+ACW:123456780'

Counter	No	Tag	St	MaxOcc	Level	Name
0050		SG1	C	9	1	CALL PURPOSE
0060	5	RFF	M	1	1	Reference

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
RFF								
C506	Reference	M	M					
1153	Reference code qualifier	M an..3	M an..3	FLW = Flow reference number				
1154	Reference identifier	C an..70	C an..3	CALL PURPOSE 16 = Unloading Cargo 17 = Loading Cargo		M	M	
1156	Document line identifier	C an..6	N	Not used				
1056	Version identifier	C an..9	N	Not used				
1060	Revision identifier	C an..6	N	Not used				

Remark:

Example:
RFF+FLW:16'

Counter	No	Tag	St	MaxOcc	Level	Name
0050		SG1	C	9	1	PRINCIPAL CARRIER CONVEYANCE NUMBER
0060	6	RFF	M	1	1	Reference

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
RFF								
C506	Reference	M	M					
1153	Reference code qualifier	M an..3	M an..3	ACL = Principal reference number				
1154	Reference identifier	C an..70	C an..70	PRINCIPAL CARRIER CONVEYANCE NUMBER		M	M	The voyage or flight number assigned by the Carrier who owns, operates or leases the means of transport on which the goods are transported.
1156	Document line identifier	C an..6	N	Not used				
1056	Version identifier	C an..9	N	Not used				
1060	Revision identifier	C an..6	N	Not used				

Remark:

Example:

RFF+ACL:ASDF123456789'

Counter	No	Tag	St	MaxOcc	Level	Name
0080		SG2	C	1	1	TDT-SG3
0090	7	TDT	M	1	1	Transport information

Standard			Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
TDT							
8051	Transport stage code qualifier	M an..3	M an..3	20 = Main-carriage transport			
8028	Means of transport journey identifier	C an..17	C an..17	CONVEYANCE NUMBER	M	M	Voyage number, flight number reflected on a bill of lading or air waybill
C220	Mode of transport	C	C				
8067	Transport mode name code	C an..3	C an..3	TRANSPORT CODE 1 = Maritime transport 2 = Rail transport 3 = Road transport 4 = Air transport	M	M	
8066	Transport mode name	C an..17	N	Not used			
C001	Transport means	C	N				
8179	Transport means description code	C an..8	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
8178	Transport means description	C an..17	N	Not used			
C040	Carrier	C	C				
3127	Carrier identifier	C an..17	C an..17	CARRIER CODE	M	M	The BIC, SCAC, IATA or SARS-assigned code of a shipping line, airline, rail carrier or road carrier carrying on business by transporting goods for reward or transporting goods in the course of conducting its business. For rail use "TFR"
1131	Code list identification code	C an..17	C an..17	172 = Carrier Code			
3055	Code list responsible agency code	C an..3	C an..3	20 = BIC (Bureau International des Containeurs) 87 = Assigned by carrier 166 = US, National Motor Freight Classification Association 184 = AU, ACOS (Australian Chamber of Shipping)			
3126	Carrier name	C an..35	N	Not used			
8101	Transit direction indicator code	C an..3	N	Not used			
C401	Excess transportation information	C	N				
8457	Excess transportation reason code	M an..3	N	Not used			
8459	Excess transportation responsibility code	M an..3	N	Not used			
7130	Customer shipment authorisation identifier	C an..17	N	Not used			
C222	Transport identification	C	C				
8213	Transport means identification name identifier	C an..35	C an..9	TRANSPORT ID https://tools.sars.gov.za/ACM_code_Tables/ Transport*.csv	M	M	Radio Call Sign
1131	Code list identification code	C an..17	C an..17	103 = Radio Call Sign 146 = Lloyd's Register of Ships			
3055	Code list responsible agency code	C an..3	C an..3	11 = Lloyd's register of shipping ZZZ = South African Revenue Service			
8212	Transport means identification name	C an..70	C an..35	TRANSPORT NAME	O	O	
8453	Transport means nationality code	C an..3	N	Not used			
8281	Transport means ownership indicator code	C an..3	N	Not used			
C003	Power type	C	N				
7041	Power type code	C an..3	N	Not used			

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules	
1131	Code list identification code	C an..17	N	Not used				
3055	Code list responsible agency code	C an..3	N	Not used				
7040	Power type description	C an..17	N	Not used				

Remark:

Example:

TDT+20+ASDHHK6787+1++ABCD:172:20+++ASDFFT33::11:BIG SHIP'

Counter	No	Tag	St	MaxOcc	Level	Name
0120		SG3	C	9	2	PLACE/PORT OF DISCHARGE
0130	8	LOC	M	1	2	Place/location identification

Standard		Implementation					
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
LOC							
3227	Location function code qualifier	M an..3	M an..3	11 = Place of discharge			
C517	Location identification	C	C				
3225	Location identifier	C an..35	C an5	PLACE/PORT OF DISCHARGE	M		Seaport where the cargo is discharged in the Republic
1131	Code list identification code	C an..17	C an..17	139 = Port			
3055	Code list responsible agency code	C an..3	C an..3	6 = UN/ECE (United Nations - Economic Commission for Europe)			
3224	Location name	C an..256	N	Not used			
C519	Related location one identification	C	C				
3223	First related location identifier	C an..35	C an..35	TERMINAL OF DISCHARGE/LOAD	M	M	
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3222	First related location name	C an..70	N	Not used			
C553	Related location two identification	C	N				
3233	Second related location identifier	C an..35	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3232	Second related location name	C an..70	N	Not used			
5479	Relation code	C an..3	N	Not used			

Remark:

Example:

LOC+11+ZADUR:139:6+08'

Counter	No	Tag	St	MaxOcc	Level	Name
0120		SG3	C	9	2	PLACE/PORT OF DISCHARGE
0140	9	DTM	C	9	3	ARRIVAL DATE/TIME

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
DTM								
C507	Date/time/period	M	M					
2005	Date or time or period function code qualifier	M an..3	M an..3	132 = Transport means arrival date time, estimated				
2380	Date or time or period text	C an..35	C n12	ARRIVAL DATE/TIME		M		
2379	Date or time or period format code	C an..3	C an..3	203 = CCYYMMDDHHMM				

Remark:

Example:

DTM+132:201709071640:203'

Counter	No	Tag	St	MaxOcc	Level	Name
0120		SG3	C	9	2	PLACE/PORT OF LOADING
0130	10	LOC	M	1	2	Place/location identification

		Standard	Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
LOC							
3227	Location function code qualifier	M an..3	M an..3	11 = Place of discharge			
C517	Location identification	C	C				
3225	Location identifier	C an..35	C an5	PLACE/PORT OF LOADING		M	
1131	Code list identification code	C an..17	C an..17	139 = Port			
3055	Code list responsible agency code	C an..3	C an..3	6 = UN/ECE (United Nations - Economic Commission for Europe)			
3224	Location name	C an..256	N	Not used			
C519	Related location one identification	C	C				
3223	First related location identifier	C an..35	C an..35	TERMINAL OF DISCHARGE/LOAD	M	M	
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3222	First related location name	C an..70	N	Not used			
C553	Related location two identification	C	N				
3233	Second related location identifier	C an..35	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3232	Second related location name	C an..70	N	Not used			
5479	Relation code	C an..3	N	Not used			

Remark:

Example:

LOC+11+ZADUR:139:6+08'

Counter	No	Tag	St	MaxOcc	Level	Name
0120		SG3	C	9	2	PLACE/PORT OF LOADING
0140	11	DTM	C	9	3	ARRIVAL DATE/TIME

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
DTM								
C507	Date/time/period	M	M					
2005	Date or time or period function code qualifier	M an..3	M an..3	132 = Transport means arrival date time, estimated				
2380	Date or time or period text	C an..35	C n12	ARRIVAL DATE/TIME				
2379	Date or time or period format code	C an..3	C an..3	203 = CCYYMMDDHHMM				

Remark:

Example:

DTM+132:201709071640:203'

Counter	No	Tag	St	MaxOcc	Level	Name
0120		SG3	C	9	2	PLACE/PORT OF LOADING
0140	12	DTM	C	9	3	DEPARTURE DATE/TIME

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
DTM								
C507	Date/time/period	M	M					
2005	Date or time or period function code qualifier	M an..3	M an..3	133 = Transport means departure date/time, estimated				
2380	Date or time or period text	C an..35	C n12	ESTIMATED DATE OF DEPARTURE If outbound then Mandatory			C	
2379	Date or time or period format code	C an..3	C an..3	203 = CCYYMMDDHHMM				

Remark:

Example:
DTM+133:201709171641:203'

Counter	No	Tag	St	MaxOcc	Level	Name
0150		SG4	M	9	1	MASTER CARGO CARRIER CODE
0160	13	NAD	M	1	1	Name and address

Standard			Implementation		TGO	TGI	Business Rules
Tag	Name	St Format	St Format	Usage / Remark			
NAD							
3035	Party function code qualifier	M an..3	M an..3	CF = Container operator/lessee			
C082	Party identification details	C	C				
3039	Party identifier	M an..35	M an17	MASTER CARGO CARRIER CODE Code list: https://tools.sars.gov.za/ACM_code_Tables/ MasterCargoCarrier*.csv			The BIC, SCAC or SARS-assigned code of the Carrier that issued the Master / Ocean Bill of Lading The IATA or SARS-assigned code of the Carrier that issued the Master Air Waybill. The SARS-assigned code of the Carrier that reports the Road Freight Manifest The SARS-assigned code “TFR” for Transnet Freight Rail as Rail Carrier For courier cargo where the courier has an IATA airline code reflect that code here. Where the courier does not have an IATA airline code reflect code “000” here The SARS-assigned code of the Broker where a Master House is reported – i.e. in the case of sub-consolidations
1131	Code list identification code	C an..17	C an..17	172 = Carrier Code			
3055	Code list responsible agency code	C an..3	C an..3	20 = BIC (Bureau International des Containeurs)			
C058	Name and address	C	N				
3124	Name and address description	M an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
C080	Party name	C	N				
3036	Party name	M an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3045	Party name format code	C an..3	N	Not used			
C059	Street	C	N				
3042	Street and number or post office box identifier	M an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3164	City name	C an..35	N	Not used			
C819	Country subdivision details	C	N				
3229	Country subdivision identifier	C an..9	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3228	Country subdivision name	C an..70	N	Not used			
3251	Postal identification code	C an..17	N	Not used			

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules	
3207	Country identifier	C an..3	N	Not used				

Remark:

Example:
NAD+CF+ABCD:172:20 '

Counter	No	Tag	St	MaxOcc	Level	Name
0150		SG4	M	9	1	MESSAGE SENDER
0160	14	NAD	M	1	1	Name and address

Standard			Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
NAD							
3035	Party function code qualifier	M an..3	M an..3	MS = Document/message issuer/sender			
C082	Party identification details	C	C				
3039	Party identifier	M an..35	M an..35	MESSAGE SENDER The ID of the sender of the EDI message as in UNB	M	M	
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
C058	Name and address	C	N				
3124	Name and address description	M an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
C080	Party name	C	N				
3036	Party name	M an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3045	Party name format code	C an..3	N	Not used			
C059	Street	C	N				
3042	Street and number or post office box identifier	M an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3164	City name	C an..35	N	Not used			
C819	Country subdivision details	C	N				
3229	Country subdivision identifier	C an..9	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3228	Country subdivision name	C an..70	N	Not used			
3251	Postal identification code	C an..17	N	Not used			
3207	Country identifier	C an..3	N	Not used			

Remark:

Example:

NAD+MS+12345678ABC '

Counter	No	Tag	St	MaxOcc	Level	Name
0150		SG4	M	9	1	OUTTURN PROVIDER CODE
0160	15	NAD	M	1	1	Name and address

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules	
NAD								
3035	Party function code qualifier	M an..3	M an..3	DC = Deconsolidator				
C082	Party identification details	C	C					
3039	Party identifier	M an..35	M an..35	OUTTURN PROVIDER CODE SARS CODE LIST 3 - Facilities Code	M	M	The code of the terminal / depot	
1131	Code list identification code	C an..17	N	Not used				
3055	Code list responsible agency code	C an..3	N	Not used				
C058	Name and address	C	N					
3124	Name and address description	M an..35	N	Not used				
3124	Name and address description	C an..35	N	Not used				
3124	Name and address description	C an..35	N	Not used				
3124	Name and address description	C an..35	N	Not used				
3124	Name and address description	C an..35	N	Not used				
C080	Party name	C	N					
3036	Party name	M an..70	N	Not used				
3036	Party name	C an..70	N	Not used				
3036	Party name	C an..70	N	Not used				
3036	Party name	C an..70	N	Not used				
3036	Party name	C an..70	N	Not used				
3045	Party name format code	C an..3	N	Not used				
C059	Street	C	N					
3042	Street and number or post office box identifier	M an..35	N	Not used				
3042	Street and number or post office box identifier	C an..35	N	Not used				
3042	Street and number or post office box identifier	C an..35	N	Not used				
3042	Street and number or post office box identifier	C an..35	N	Not used				
3164	City name	C an..35	N	Not used				
C819	Country subdivision details	C	N					
3229	Country subdivision identifier	C an..9	N	Not used				
1131	Code list identification code	C an..17	N	Not used				
3055	Code list responsible agency code	C an..3	N	Not used				
3228	Country subdivision name	C an..70	N	Not used				
3251	Postal identification code	C an..17	N	Not used				
3207	Country identifier	C an..3	N	Not used				

Remark:

Example:

NAD+DC+07'

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0380	16	EQD	M	1	1	Equipment details

		Standard	Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
EQD							
8053	Equipment type code qualifier	M an..3	M an..3	EQUIPMENT QUALIFIER CN = Container	M	M	
C237	Equipment identification	C	C				
8260	Equipment identifier	C an..17	C an..17	CONTAINER NUMBER	M	M	The container number consists of 11 digits of which the first 4 digits represent the alphabetic code and the next 7 digits represent the numeric number of the container. For rail, if containerised, insert the container number. If not containerised insert the wagon number.
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3207	Country identifier	C an..3	C an..3				
C224	Equipment size and type	C	C				
8155	Equipment size and type description code	C an..10	C an4	CONTAINER SIZE/TYPE	O	O	The size and type of the container. Refer to ISO 6346 / ISO 1161
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
8154	Equipment size and type description	C an..35	N	Not used			
8077	Equipment supplier code	C an..3	N	Not used			
8249	Equipment status code	C an..3	C an..3	CONTAINER STATUS 1 = Continental 2 = Export 3 = Import 6 = Transhipment	M	M	
8169	Full or empty indicator code	C an..3	C an..3	SERVICE TYPE 4 = Empty 5 = Full 7 = Full, mixed consignment 8 = Full, single consignment	M	M	
4233	Marking instructions code	C an..3	N	Not used			

Remark:

Example:

EQD+CN+NONU1234567:::AD+1010++1+4'

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0390	17	RFF	C	99	2	BOOKING NUMBER

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
RFF								
C506	Reference	M	M					
1153	Reference code qualifier	M an..3	M an..3	BN = Consignment identifier, carrier assigned				
1154	Reference identifier	C an..70	C an..35	BOOKING NUMBER		M	M	
1156	Document line identifier	C an..6	N	Not used				
1056	Version identifier	C an..9	N	Not used				
1060	Revision identifier	C an..6	N	Not used				

Remark:

Example:

RFF+BN:BOOKING12345'

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0390	18	RFF	C	99	2	EXTERNAL REFERENCE

Standard			Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
RFF					O	O	
C506	Reference	M	M				
1153	Reference code qualifier	M an..3	M an..3	CV = Container operators reference number			
1154	Reference identifier	C an..70	C an..70	EXTERNAL REFERENCE			
1156	Document line identifier	C an..6	N	Not used			
1056	Version identifier	C an..9	N	Not used			
1060	Revision identifier	C an..6	N	Not used			

Remark:

Example:

RFF+CV:MYREF1234'

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0390	19	RFF	C	99	2	CARGO TYPE INDICATOR

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
RFF								
C506	Reference	M	M					
1153	Reference code qualifier	M an..3	M an..3	AWM = Service category reference				
1154	Reference identifier	C an..70	C an..3	CARGO TYPE INDICATOR CN = Container		M	M	
1156	Document line identifier	C an..6	N	Not used				
1056	Version identifier	C an..9	N	Not used				
1060	Revision identifier	C an..6	N	Not used				

Remark:

Example:

RFF+AWM:CN'

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0390	20	RFF	C	99	2	MASTER TRANSPORT DOCUMENT NUMBER

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
RFF								
C506	Reference	M	M					
1153	Reference code qualifier	M an..3	M an..3	MB = Master bill of lading number				
1154	Reference identifier	C an..70	C an..35	MASTER TRANSPORT DOCUMENT NUMBER		O	O	Master / Ocean Bill of Lading, Air Waybill, Rail Consignment Note, Road Freight Manifest
1156	Document line identifier	C an..6	N	Not used				
1056	Version identifier	C an..9	N	Not used				
1060	Revision identifier	C an..6	N	Not used				

Remark:

Example:

RFF+MB:ASFH7548 '

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0390	21	RFF	C	99	2	TRANSPORT DOCUMENT NUMBER

Standard			Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
RFF							
C506	Reference	M	M				
1153	Reference code qualifier	M an..3	M an..3	AAS = Transport contract document identifier			
1154	Reference identifier	C an..70	C an..35	TRANSPORT DOCUMENT NUMBER	O	O	In the case of FCL and LCL cargo information submitted by the Carrier, this field will contain the MasterBill Of Lading number. In the case of FCL Groupage cargo information submitted by a Broker , this field will contain the House Bill Of Lading Number. For Air, in the case of a Master Air Waybill in respect of straight cargo, the Master Air Waybill Number will also be reflected here. For air, in the case of consolidated cargo, the House Air Waybill number will be reflected here. In respect of a sub-consolidations the House Air Waybill Number / Bill of Lading Number issued by the co-loading agent to the consignee must be reflected here. For Rail, supply the Rail Consignment Note Number. For Road, this is the Waybill/Invoice Number issued by theCarrier for an individual consignment.
1156	Document line identifier	C an..6	N	Not used			
1056	Version identifier	C an..9	N	Not used			
1060	Revision identifier	C an..6	N	Not used			

Remark:

Example:

RFF+AAS:SDFSGG665476547'

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0410	22	DTM	C	99	2	Date/time/period

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
DTM								
C507	Date/time/period	M	M					
2005	Date or time or period function code qualifier	M an..3	M an..3	7 = Effective from date/time				
2380	Date or time or period text	C an..35	C n12	GATE IN/OUT DATE/TIME		M	M	
2379	Date or time or period format code	C an..3	C an..3	203 = CCYYMMDDHHMM				

Remark:

Example:

DTM+7:201709171652:203'

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0430	23	MEA	C	99	2	Measurements

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
MEA								
6311	Measurement purpose code qualifier	M an..3	M an..3	AAE = Measurement				
C502	Measurement details	C	C					
6313	Measured attribute code	C an..3	C an..3	AAM = Transport means gross weight				
6321	Measurement significance code	C an..3	N	Not used				
6155	Non-discrete measurement name code	C an..17	N	Not used				
6154	Non-discrete measurement name	C an..70	N	Not used				
C174	Value/range	C	C					
6411	Measurement unit code	C an..8	C an..3	UNIT OF MEASURE KGM = kilogram		O	O	
6314	Measure	C an..18	C n..18	GROSS WEIGHT		O	O	
6162	Range minimum quantity	C n..18	N	Not used				
6152	Range maximum quantity	C n..18	N	Not used				
6432	Significant digits quantity	C n..2	N	Not used				
7383	Surface or layer code	C an..3	N	Not used				

Remark:

Example:

MEA+AAE+AAM+KGM:10000'

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0450	24	SEL	C	4	2	Seal number

Standard			Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
SEL							
9308	Transport unit seal identifier	C an..35	C an..35	SEAL NUMBER	M	M	
C215	Seal issuer	C	C				
9303	Sealing party name code	C an..3	C an..3	SEALING PARTY	O	O	
				AA = Consolidator			
				AB = Unknown			
				AC = Quarantine agency			
				CA = Carrier			
				CU = Customs			
				SH = Shipper			
				TO = Terminal operator			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
9302	Sealing party name	C an..35	N	Not used			
4517	Seal condition code	C an..3	N	Not used			
C208	Identity number range	C	N				
7402	Object identifier	M an..35	N	Not used			
7402	Object identifier	C an..35	N	Not used			
4525	Seal type code	C an..3	N	Not used			

Remark:

Example:

SEL+DSFGFSFGDHK6786+AA '

Counter	No	Tag	St	MaxOcc	Level	Name
0540		SG12	C	9	2	TDT-SG13
0550	25	TDT	M	1	2	Transport information

Standard		Implementation					
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
TDT							
8051	Transport stage code qualifier	M an..3	M an..3	1 = Inland transport			
8028	Means of transport journey identifier	C an..17	C an..17	ON/PRE-CONVEYANCE NUMBER Required if transshipment	C	C	
C220	Mode of transport	C	C				
8067	Transport mode name code	C an..3	C an..3	ON/PRE-TRANSPORT CODE Required if transshipment 1 = Maritime transport 2 = Rail transport 3 = Road transport 4 = Air transport	C	C	
8066	Transport mode name	C an..17	N	Not used			
C001	Transport means	C	N				
8179	Transport means description code	C an..8	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
8178	Transport means description	C an..17	N	Not used			
C040	Carrier	C	C				
3127	Carrier identifier	C an..17	C an..17	ON/PRE-CARRIER CODE Required if transshipment	C	C	
1131	Code list identification code	C an..17	C an..17	172 = Carrier Code			
3055	Code list responsible agency code	C an..3	N	Not used			
3126	Carrier name	C an..35	N	Not used			
8101	Transit direction indicator code	C an..3	N	Not used			
C401	Excess transportation information	C	N				
8457	Excess transportation reason code	M an..3	N	Not used			
8459	Excess transportation responsibility code	M an..3	N	Not used			
7130	Customer shipment authorisation identifier	C an..17	N	Not used			
C222	Transport identification	C	C				
8213	Transport means identification name identifier	C an..35	C an..9	ON/PRE-TRANSPORT ID Required if transshipment	C	C	
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
8212	Transport means identification name	C an..70	N	Not used			
8453	Transport means nationality code	C an..3	N	Not used			
8281	Transport means ownership indicator code	C an..3	N	Not used			
C003	Power type	C	N				
7041	Power type code	C an..3	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
7040	Power type description	C an..17	N	Not used			

Remark:

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: M=Mandatory, O=Optional, C=Conditional

Example:
TDT+1+234352435+1++WXYZ+++FGHFDHYT8 '

Counter	No	Tag	St	MaxOcc	Level	Name
0580		SG13	C	9	3	LOC
0590	26	LOC	M	1	3	Place/location identification

Standard			Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
LOC							
3227	Location function code qualifier	M an..3	M an..3				
C517	Location identification	C	C				
3225	Location identifier	C an..35	C an5	ON/PRE-PLACE OF DELIVERY <i>Required if transshipment</i>	C	C	
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3224	Location name	C an..256	N	Not used			
C519	Related location one identification	C	N				
3223	First related location identifier	C an..35	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3222	First related location name	C an..70	N	Not used			
C553	Related location two identification	C	N				
3233	Second related location identifier	C an..35	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3232	Second related location name	C an..70	N	Not used			
5479	Relation code	C an..3	N	Not used			

Remark:

Example:
LOC+1+ZARIC'

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0610	27	NAD	C	9	2	MASTER CARGO CARRIER CODE

Standard			Implementation		TGO	TGI	Business Rules
Tag	Name	St Format	St Format	Usage / Remark			
NAD							
3035	Party function code qualifier	M an..3	M an..3	RL = Reporting carrier (Customs)			
C082	Party identification details	C	C				
3039	Party identifier	M an..35	M an..35	MASTER CARGO CARRIER CODE Code list: https://tools.sars.gov.za/ACM_code_Tables/ MasterCargoCarrier*.csv	M	M	The BIC, SCAC or SARS-assigned code of the Carrier that issued the Master / Ocean Bill of Lading The IATA or SARS-assigned code of the Carrier that issued the Master Air Waybill. The SARS-assigned code of the Carrier that reports the Road Freight Manifest The SARS-assigned code “TFR” for Transnet Freight Rail as Rail Carrier For courier cargo where the courier has an IATA airline code reflect that code here. Where the courier does not have an IATA airline code reflect code “000” here The SARS-assigned code of the Broker where a Master House is reported – i.e. in the case of sub-consolidations
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
C058	Name and address	C	N				
3124	Name and address description	M an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
C080	Party name	C	N				
3036	Party name	M an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3045	Party name format code	C an..3	N	Not used			
C059	Street	C	N				
3042	Street and number or post office box identifier	M an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3164	City name	C an..35	N	Not used			
C819	Country subdivision details	C	N				
3229	Country subdivision identifier	C an..9	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3228	Country subdivision name	C an..70	N	Not used			
3251	Postal identification code	C an..17	N	Not used			

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules	
3207	Country identifier	C an..3	N	Not used				

Remark:

Example:
NAD+RL+ABCD '

Counter	No	Tag	St	MaxOcc	Level	Name
0370		SG10	M	9999	1	EQD-RFF-DTM-MEA-SEL-SG12-NAD
0610	28	NAD	C	9	2	CARGO CARRIER CODE

		Standard	Implementation				
Tag	Name	St Format	St Format	Usage / Remark	TGO	TGI	Business Rules
NAD							
3035	Party function code qualifier	M an..3	M an..3	CA = Carrier			
C082	Party identification details	C	C				
3039	Party identifier	M an..35	M an..35	CARGO CARRIER CODE Code list: https://tools.sars.gov.za/ACM_code_Tables/ CargoCarrier*.csv	O	O	The SARS-assigned code of the Broker that reports the House Bill Of Lading/Air Waybill.
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
C058	Name and address	C	N				
3124	Name and address description	M an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
3124	Name and address description	C an..35	N	Not used			
C080	Party name	C	N				
3036	Party name	M an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3036	Party name	C an..70	N	Not used			
3045	Party name format code	C an..3	N	Not used			
C059	Street	C	N				
3042	Street and number or post office box identifier	M an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3042	Street and number or post office box identifier	C an..35	N	Not used			
3164	City name	C an..35	N	Not used			
C819	Country subdivision details	C	N				
3229	Country subdivision identifier	C an..9	N	Not used			
1131	Code list identification code	C an..17	N	Not used			
3055	Code list responsible agency code	C an..3	N	Not used			
3228	Country subdivision name	C an..70	N	Not used			
3251	Postal identification code	C an..17	N	Not used			
3207	Country identifier	C an..3	N	Not used			

Remark:

Example:

NAD+CA+WXYZ '

Counter	No	Tag	St	MaxOcc	Level	Name
0720	29	CNT	C	1	0	Control total

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
CNT								
C270	Control	M	M					
6069	Control total type code qualifier	M an..3	M an..3	16 = Total number of equipment				
6066	Control total quantity	M n..18	M n..18	NUMBER OF CONTAINERS		M	M	
6411	Measurement unit code	C an..8	N	Not used				

Remark:

Example:

CNT+16:9'

Counter	No	Tag	St	MaxOcc	Level	Name
0730	30	UNT	M	1	0	Message trailer

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
UNT								
0074	Number of segments in a message	M n..10	M n..10			M	M	
0062	Message reference number	M an..14	M an..14	Must match UNH		M	M	

Remark:

Example:
UNT+5+12345678901234 '

Counter	No	Tag	St	MaxOcc	Level	Name
0000	31	UNZ	M	1	0	Interchange trailer

Standard			Implementation					
Tag	Name	St Format	St Format	Usage / Remark		TGO	TGI	Business Rules
UNZ								
0036	Interchange control count	M n..6	M n..6			M	M	
0020	Interchange control reference	M an..14	M an..14	Must match UNB		M	M	

Remark:

Example:

UNZ+1+X'