



N E X U S

IFTMIN Instruction message D99B - Outbound

Version: 1.0

Company:
Modified:

Infor Nexus
11/8/2020

IFTMIN

Instruction message

Message Status=**3**

Definition: A message from the party issuing an instruction regarding forwarding/transport services for a consignment under conditions agreed, to the party arranging the forwarding and/or transport services.

Not Defined:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
	UNB	INTERCHANGE HEADER	M	1		GTN Required
0010	UNH	MESSAGE HEADER	M	1	N0/0010	GTN Required
0020	BGM	BEGINNING OF MESSAGE	M	1	N0/0020	GTN Required
0050	DTM	DATE/TIME/PERIOD	C	1	N0/0050	GTN Optional
0060	TSR	TRANSPORT SERVICE REQUIREMENTS	C	9	N0/0060	GTN Required
0090	FTX	FREE TEXT	C	9	N0/0090	GTN Optional
0100	CNT	CONTROL TOTAL	C	9	N0/0100	GTN Optional
0130		Segment Group 1	C	8	N0/0130	GTN Required
0140	LOC	PLACE/LOCATION IDENTIFICATION	M	1	N0/0140	GTN Required
0190		Segment Group 3	C	30	N0/0190	GTN Required
0200	RFF	REFERENCE	M	1	N0/0200	GTN Required
0310		Segment Group 6	C	9	N0/0310	GTN Required
0320	CPI	CHARGE PAYMENT INSTRUCTIONS	M	1	N0/0320	GTN Required
0470		Segment Group 8	C	2	N0/0470	GTN Required
0480	TDT	DETAILS OF TRANSPORT	M	1	N0/0480	GTN Required
0510		Segment Group 9	C	8	N0/0510	GTN Required
0520	LOC	PLACE/LOCATION IDENTIFICATION	M	1	N0/0520	GTN Required
0570		Segment Group 11	M	8	N0/0570	GTN Required
0580	NAD	NAME AND ADDRESS	M	1	N0/0580	GTN Required
0610		Segment Group 12	C	9	N0/0610	GTN Required
0620	CTA	CONTACT INFORMATION	M	1	N0/0620	GTN Required
0630	COM	COMMUNICATION CONTACT	C	9	N0/0630	GTN Optional
0640		Segment Group 13	C	9	N0/0640	GTN Required
0650	DOC	DOCUMENT/MESSAGE DETAILS	M	1	N0/0650	GTN Required
0750		Segment Group 15	C	9	N0/0750	GTN Optional
0760	RFF	REFERENCE	M	1	N0/0760	GTN Required
0900		Segment Group 18	C	120	N0/0900	GTN Required
0910	GID	GOODS ITEM DETAILS	M	1	N0/0910	GTN Required
0980	PIA	ADDITIONAL PRODUCT ID	C	9	N0/0980	GTN Optional
0990	FTX	FREE TEXT	C	99	N0/0990	GTN Required
1010		Segment Group 19	C	9	N0/1010	GTN Optional
1020	NAD	NAME AND ADDRESS	M	1	N0/1020	GTN Required
1060		Segment Group 20	C	99	N0/1060	GTN Required
1070	MEA	MEASUREMENTS	M	1	N0/1070	GTN Required
1150		Segment Group 23	C	99	N0/1150	GTN Optional
1160	PCI	PACKAGE IDENTIFICATION	M	1	N0/1160	GTN Required
1370		Segment Group 29	C	999	N0/1370	GTN Optional
1380	SGP	SPLIT GOODS PLACEMENT	M	1	N0/1380	GTN Required
1390		Segment Group 30	C	1	N0/1390	GTN Optional

1400	MEA	MEASUREMENTS	M	1	N0/1400	GTN Required
1510		Segment Group 32	C	3	N0/1510	GTN Optional
1520	DGS	DANGEROUS GOODS	M	1	N0/1520	GTN Required
1530	FTX	FREE TEXT	C	4	N0/1530	GTN Optional
1540		Segment Group 33	C	1	N0/1540	GTN Required
1550	CTA	CONTACT INFORMATION	M	1	N0/1550	GTN Required
1560	COM	COMMUNICATION CONTACT	C	3	N0/1560	GTN Optional
1650		Segment Group 37	C	999	N0/1650	GTN Optional
1660	EQD	EQUIPMENT DETAILS	M	1	N0/1660	GTN Required
1690	MEA	MEASUREMENTS	C	6	N0/1690	GTN Optional
1710	SEL	SEAL NUMBER	C	2	N0/1710	GTN Optional
1740	TMP	TEMPERATURE	C	1	N0/1740	GTN Optional
1750	FTX	FREE TEXT	C	3	N0/1750	GTN Optional
2000	UNT	MESSAGE TRAILER	M	1	N0/2000	GTN Required
	UNZ	INTERCHANGE TRAILER	M	1		GTN Required

Clarification:

- 0/0010 A service segment starting and uniquely identifying a message. The message type code for the Instruction message is IFTMIN. Note: Instruction messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 IFTMIN 0052 D 0054 99B 0051 UN
- 0/0020 A segment to indicate the beginning of a message and to transmit identifying number and type of the message.
- 0/0050 A segment to indicate a date and time applying to the whole message, e.g., date and time of document issue.
- 0/0060 A segment to identify the contract, conditions of carriage, services, and priority requirements for the transport.
- 0/0090 A segment to specify free form or processable supplementary information, such as status of transport, remarks to be printed on the transport documents (where required), consignment remarks, insurance instructions, etc., or any other additional information.
- 0/0100 A segment to specify totals for a consignment.
- 0/0130 A group of segments to specify locations and related date(s)/time(s) which apply to the entire message, e.g. place of transshipment.
- 0/0140 A segment to identify a location applying to the entire message.
- 0/0190 A group of segments containing a reference and constants which apply to the entire message.
- 0/0200 A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc.
- 0/0310 A group of segments to indicate charge methodology which applies to the entire message.
- 0/0320 A segment to indicate default charge methodology.
- 0/0470 A group of segments to indicate details of the movement of goods such as mode and means of transport, locations, departure, and arrival date(s) and time(s).
- 0/0480 A segment to indicate information related to a certain stage of the transport, such as mode, means and carrier.
- 0/0510 A group of segments to specify a location and date/time related to this leg of transport.
- 0/0520 A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.
- 0/0570 A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.
- 0/0580 A segment to identify the party's name, address, and function.
- 0/0610 A group of segments identifying a contact and its communications related to the party.
- 0/0620 A segment to identify a person or department within a party.
- 0/0630 A segment to identify a communication number of a person or department to whom communication should be directed.
- 0/0640 A group of segments to identify required documents.
- 0/0650 A segment to identify a document required of, by or for the party.
- 0/0750 A group of segments to specify a reference related to the party.
- 0/0760 A segment to identify a reference used by a party.
- 0/0900 A group of segments to describe the goods items for which transport is undertaken.
- 0/0910 A segment to identify a goods item for which transport is undertaken. A goods item can be identified by up to three levels of packaging.
- 0/0980 A segment to specify article numbers.

0/0990	A segment to specify processable supplementary information relating to the goods item.
0/1010	A group of segments to identify different places of collection and/or delivery for the goods item.
0/1020	A segment to specify an address of a place of collection or delivery for a goods item.
0/1060	A group of segments to specify measurements applicable to a goods item.
0/1070	A segment to specify measurements, other than dimensions, applicable to a goods item.
0/1150	A group of segments to specify marks and numbers of a goods item.
0/1160	A segment to specify marks and numbers of a goods item.
0/1370	A group of segments to specify the distribution of a goods item among the transport equipment.
0/1380	A segment to identify the equipment in which goods are transported.
0/1390	A group of segments to identify measurements.
0/1400	A segment to specify measurements of that portion of the goods item in the equipment.
0/1510	A group of segments to specify dangerous goods details related to the goods item. One goods item may be in different dangerous goods classes.
0/1520	A segment to indicate the class of dangerous goods, packing group, etc.
0/1530	A segment to specify the dangerous goods technical name and to specify any additional dangerous goods information.
0/1540	A group of segments to identify a contact to whom communication regarding the dangerous goods can be directed.
0/1550	A segment to identify a person or department.
0/1560	A segment to identify a communication number of a person or department.
0/1650	A group of segments to specify equipment in which goods are transported.
0/1660	A segment to specify equipment, and equipment size and type used in the transport.
0/1690	A segment to specify measurements, other than dimensions, associated with the equipment, such as weight.
0/1710	A segment to identify seal and seal issuer associated with the equipment.
0/1740	A segment to indicate a temperature setting for the equipment.
0/1750	A segment to specify processable supplementary information associated with the equipment.
0/2000	A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

UNB**INTERCHANGE HEADER**

Pos:	Max: 1
Mandatory	
Group: N/A	Elements: 11

User Option (Usage): GTN Required**Function:** To identify an interchange. S001/0002, shall be '4' to indicate this version of the syntax.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNB010	S001	SYNTAX IDENTIFIER	M	Comp		GTN Required
		Description: S001 Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.				
UNB010-010	0001	Syntax identifier	M	a	4/4	GTN Required
		Description: Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange.				
		Information: <i>Set to 'UNOC'</i>				
UNB010-020	0002	Syntax version number	M	an	1/1	GTN Required
		Description: Version number of the syntax.				
		Information: <i>All valid standard codes are accepted (not used by Infor Nexus)</i>				
UNB020	S002	INTERCHANGE SENDER	M	Comp		GTN Required
UNB020-010	0004	Interchange sender identification	M	an	1/35	GTN Required
		Description: Name or coded identification of the sender of the interchange.				
		Information: <i><Sender ID></i>				
UNB030	S003	INTERCHANGE RECIPIENT	M	Comp		GTN Required
UNB030-010	0010	Interchange recipient identification	M	an	1/35	GTN Required
		Description: Name or coded identification of the recipient of the interchange.				
		Information: <i>Set to 'GTNEXUS'</i>				
UNB040	S004	DATE AND TIME OF PREPARATION	M	Comp		GTN Required
UNB040-010	0017	Date	M	n	8/8	GTN Required
		Description: Local date when an interchange or a group was prepared.				
		Information: <i><interchange date> (in format YYYYMMDD)</i>				
UNB040-020	0019	Time	M	n	4/4	GTN Required
		Description: Local time of day when an interchange or a group was prepared.				
		Information: <i><interchange time> (in format HHMM)</i>				
UNB050	0020	Interchange control reference	M	an	1/14	GTN Required
		Description: Unique reference assigned by the sender to an interchange.				
UNB090	0031	Acknowledgement request	C	n	1/1	GTN Optional
		Description: Code requesting acknowledgement for the interchange.				
		<u>Code</u>	<u>Name</u>			

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Acknowledgement requested

Notes:

1. S001/0002, shall be '4' to indicate this version of the syntax. The combination of the values carried in data elements S002, S003 and 0020 shall be used to identify uniquely the interchange, for the purpose of acknowledgement.

Note 1:

Sample Segment:

UNA:+.? '

UNB+UNOC:2+GTNEXUS:ZZZ+RECEIVER:ZZZ+121209:1200+1'

UNH**MESSAGE HEADER**

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 7

User Option (Usage): GTN Required**Function:** To head, identify and specify a message.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	Message reference number	M	an	1/14	GTN Required
		Description: Unique message reference assigned by the sender.				
UNH020	S009	MESSAGE IDENTIFIER	M	Comp		GTN Required
		Description: Identification of the type, version, etc. of the message being interchanged.				
UNH020-010	0065	Message type	M	an	1/6	GTN Required
		Description: Code identifying a type of message and assigned by its controlling agency.				
		Information: <i>Set to 'IFTMIN'</i>				
UNH020-020	0052	Message version number	M	an	1/3	GTN Required
		Description: Version number of a message type.				
		Information: <i>Set to 'D'</i>				
UNH020-030	0054	Message release number	M	an	1/3	GTN Required
		Description: Release number within the current message version number.				
		Information: <i>Set to '99B'</i>				
UNH020-040	0051	Controlling agency, coded	M	an	1/3	GTN Required
		Description: Code identifying a controlling agency.				
		Information: <i>Set to 'UN'</i>				

Notes:

1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.
2. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.

Note 1:**Sample Segment:**

UNH+1+IFTMIN:D:99B:UN'

BGM**BEGINNING OF MESSAGE**

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 4

User Option (Usage): GTN Required**Function:** To indicate the type and function of a message and to transmit the identifying number.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	DOCUMENT/MESSAGE NAME	C	Comp		GTN Optional
Description: Identification of a type of document/message by code or name. Code preferred.						
BGM010-010	1001	Document name code	C	an	1/3	GTN Optional
Description: Code specifying the document name.						
Information:						
340 <i>Shipping instructions</i>						
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		GTN Required
Description: Identification of a document/message by its number and eventually its version or revision.						
BGM020-010	1004	Document/message number	C	an	1/35	GTN Required
Description: Reference number assigned to the document/message by the issuer.						
Information:						
<Shipment Identification Number> (SID)						
BGM020-020	1056	Version	C	an	1/9	GTN Required
Description: To specify the version number or name of an object.						
Information:						
2.0						
BGM030	1225	Message function code	C	an	1/3	GTN Required
Description: Code indicating the function of the message.						
Information:						
5 <i>Replace</i>						
9 <i>Original</i>						

Note 1:**Sample Segment:**

BGM+340+10945383:2.0+9'

DTM

DATE/TIME/PERIOD

Pos: 0050	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): GTN Optional**Function:** To specify date, and/or time, or period.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		GTN Required
Description: Date and/or time, or period relevant to the specified date/time/period type.						
DTM010-010	2005	Date/time/period function code qualifier	M	an	1/3	GTN Required
Description: Code giving specific meaning to a date, time or period.						
Information:						
137 Document / message date / time						
DTM010-020	2380	Date/time/period value	C	an	1/35	GTN Optional
Description: The value of a date, a date and time, a time or of a period in a specified representation.						
Information:						
<interchange date/time>						
DTM010-030	2379	Date/time/period format code	C	an	1/3	GTN Optional
Description: Code specifying the representation of a date, time or period.						
Information:						
203 CCYYMMDDHHMM						

Note 1:**Comments:**

1. The DTM segment max use of 1 is Infor Nexus specific and differs from the standard value of 9.

Sample Segment:

DTM+137:201212090227:203'

TSR

TRANSPORT SERVICE REQUIREMENTS

Pos: 0060

Max: 9

Conditional

Group: N/A

Elements: 4

User Option (Usage): GTN Required
Function: To specify the contract and carriage conditions and service and priority requirements for the transport.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
TSR010	C536	CONTRACT AND CARRIAGE CONDITION	C	Comp		GTN Optional
		Description: To identify a contract and carriage condition.				
TSR010-010	4065	Contract and carriage condition code	M	an	1/3	GTN Required
		Description: Code to identify the conditions of contract and carriage.				
		Information:				
		27 Door to Door				
		28 Door to Pier (Door to CY/P)				
		29 Pier to Door (CY/P to Door)				
		30 Pier to Pier (CY/P to CY/P)				
TSR020	C233	SERVICE	C	Comp		GTN Optional
		Description: To identify a service (which may constitute an additional component to a basic contract).				
TSR020-010	7273	Service requirement code	M	an	1/3	GTN Required
		Description: Code specifying a service requirement.				
		Information:				
		2 Full Loads				

Note 1:
Sample Segment:

TSR+27+2'

FTX**FREE TEXT**

Pos: 0090	Max: 9
Group: N/A	Elements: 6

User Option (Usage): GTN Optional**Function:** To provide free form or coded text information.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject code qualifier	M	an	1/3	GTN Required

Description: Code specifying the subject of the text.**Information:**

<i>AAI</i>	<i>General Information</i>
<i>BLC</i>	<i>Bill of Lading Clause</i>
<i>DOC</i>	<i>Documentation Instructions</i>
<i>CCI</i>	<i>Customs Clearance Instructions</i>

FTX030	C107	TEXT REFERENCE	C	Comp		GTN Required
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Description: Coded reference to a standard text and its source.

FTX030-010	4441	Free text value code	M	an	1/17	GTN Required
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Description: Code specifying free form text.**Information:**

01	Shipper's Load and Count
02	Shipper's Load, Stowage and Count
03	Laden on Board
04	Laden on Board Vessel
05	Vessel Not Responsible for Freezing
06	Container(s) Sealed by Shipper
07	On Deck at Shipper's Risk
08	Short-Shipped
09	Sea Waybill
10	This Shipment is Effected under a Sea Waybill
11	Memo Bill of Lading Only
12	Refrigerated Cargo
13	Cool Cargo
14	Freeze Cargo
15	Inland Transportation Arranged as Agents Only with such Arranged Transportation Being Solely for Account and Risk of Cargo
16	Sea-Air Cargo
17	Freight Prepaid
18	Freight Collect
19	Freight as Agreed
20	US SED Flag – must supply FTX04-1
22	On Board Rail
24	On Board Vessel
25	Received For Shipment
26	On Board Container
27	On Board Airplane
28	On Board Boxcar
29	Emergency Response Statement
30	International Maritime Organization Certification
31	Statement of Correctness
32	Destination Control Statements
33	Producing Country of Origin
34	Laden on Board Named Vessel
35	Age of Vessel
36	Kosher
37	Route
38	Certification Statements

39	Destination Country
40	Title Passage Clause
41	Container Safety Act
42	Substantial Transformation
43	Canada Value Added
44	Mexican Value Added
45	General Agreement on Tariff and Trade (GATT)
46	Prior Damage Remarks
AM	Administrative
CB	Caribbean Basin Initiative (CBI)
CC	Custom
CP	Container Packing
DC	Disclaimer
DV	Delivery Order Liability Clause
EE	Estimate Error
ER	Estimate Remarks
GS	General System of Preferences (GSP)
HD	Heading
HN	Hidden
IS	Israeli Free Trade Agreement
NF	North American Free Trade Agreement (NAFTA)
ENS	Compliance Filer (ICS2 Full ENS/MPCI)
HBL	House Bill Indicator

FTX040	C108	TEXT LITERAL	C	Comp		GTN Optional
		Description: Free text; one to five lines.				
FTX040-010	4440	Free text value	M	an	1/512	GTN Required
		Description: Free form text.				
		Information: <customer-defined certification clause text> or <comments data> (contingent upon FTX01 value)				
FTX040-020	4440	Free text value	C	an	1/512	GTN Optional
		Description: Free form text.				
		Information: <comments data>				
FTX040-030	4440	Free text value	C	an	1/512	GTN Optional
		Description: Free form text.				
		Information: <comments data>				
FTX040-040	4440	Free text value	C	an	1/512	GTN Optional
		Description: Free form text.				
		Information: <comments data>				
FTX040-050	4440	Free text value	C	an	1/512	GTN Optional
		Description: Free form text.				
		Information: <comments data>				

Note 1:

Semantics:

- 1. 4 repeats of the FTX segment are allowed with FTX010 = 'BLC'.*
- 2. FTX040-1, FTX040-2, FTX040-3, FTX040-4 and FTX040-5 describe the clause descriptions for the shipping instruction message when FTX010 = 'BLC'.*
- 3. A total of 1200 characters of clause description/general information data is supported (4 repeats of the FTX segment with 300 clause descriptions per repeat).*
- 4. If FTX01 = 'CCI' and FTX03-1 = 'ENS' is recieved, then the FTX04-1 and FTX04-2 is required and should be set to the relevant number [accepted values for FTX04-1= Compliance Filer (ICS2 Full ENS/MPCI) should be set to 5 or 1 (5 = Carrier files the full ENS/MPCI; 1 = Carrier does not file the full ENS/MPCI).*
- 5. FTX04-2= The 'Goods Delivered in the EU, Norway, Northern Ireland, Switzerland or UAE' Indicator should be set to 10 or 11 (10 = Delivered to EU/UAE; 11 = Not Delivered to EU/UAE {FROB/Transshipment}).]*
- 6. For House Bill indicator please send 'CCI' in FTX01 and 'HBL' in FTX03*

Sample Segment:

FTX+AAI+++details where applicable i.e. Feeder & Ocean Vessel Sailing'

FTX+BLC++CC+TEST Clause'

FTX+FTX+CCI++ENS+5:10'

FTX+CCI++HBL'

CNT**CONTROL TOTAL**

Pos: 0100	Max: 9
Conditional	
Group: N/A	Elements: 1

User Option (Usage): GTN Optional**Function:** To provide control total.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CNT010	C270	CONTROL	M	Comp		GTN Required
Description: Control total for checking integrity of a message or part of a message.						
CNT010-010	6069	Control total type code qualifier	M	an	1/3	GTN Required
Description: Code qualifying the type of control of hash total.						
Information:						
7		Total Gross Weight				
11		Quantity				
15		Volume				
16		Total number of equipment				
CNT010-020	6066	Control value	M	n	1/18	GTN Required
Description: Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).						
CNT010-030	6411	Measurement unit code	C	an	1/3	GTN Optional
Description: Code specifying the unit of measurement.						
Information:						
KGM		Kilograms				
MTQ		Metric Ton				

Note 1:**Sample Segment:**

CNT+7:19593.6:KGM'

CNT+15:28.08:MTQ'

CNT+16:1'

Segment Group 1

Pos: 0130Repeat: 8

Group: 1ConditionalElements: N/A

User Option (Usage): GTN Required

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0140	LOC	PLACE/LOCATION IDENTIFICATION	M	1	GTN Required

Note 1:
Comments:
1. The segment group 1 repeat of 8 is Infor Nexus specific and differs from the standard value of 99.

LOC

PLACE/LOCATION
IDENTIFICATION

Pos: 0140	Max: 1
Mandatory	
Group: 1	Elements: 5

Group Path: Group 1

User Option (Usage): GTN Required

Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	Location function code qualifier	M	an	1/3	GTN Required
Description: Code identifying the function of a location. Information: 57 Contractual Freight Payable At 73 Operational Bill Of Lading Release Office						
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		GTN Required
Description: Identification of a location by code or name.						
LOC020-010	3225	Location name code	C	an	1/25	GTN Optional
Description: Code specifying the name of the location. Information: Location Code (UNLOCODE)						
LOC020-020	1131	Code list identification code	C	an	1/3	GTN Optional
Description: Identification of a code list. Information: Not Used						
LOC020-030	3055	Code list responsible agency code	C	an	1/3	GTN Optional
Description: Code specifying the agency responsible for a code list. Information: 6 UN/ECE (United Nations - Economic Commission for Europe)						
LOC020-040	3224	Location name	C	an	1/256	GTN Optional
Description: Name of the location. Information: <location name>						
LOC030	C519	RELATED LOCATION ONE IDENTIFICATION	C	Comp		GTN Optional
Description: Identification the first related location by code or name.						
LOC030-010	3223	Related place/location one identification	C	an	1/25	GTN Optional
Description: Specification of the first related place/location by code. Information: <2 character ISO country code>						
LOC030-020	1131	Code list identification code	C	an	1/3	GTN Optional
Description: Identification of a code list. Information: Set to '162' (country)						
LOC030-030	3055	Code list responsible agency code	C	an	1/3	GTN Optional
Description: Code specifying the agency responsible for a code list. Information: Set to '5' (ISO)						

LOC040	C553	RELATED LOCATION TWO IDENTIFICATION	C	Comp		GTN Optional
		Description:	Identification of second related location by code or name.			
LOC040-010	3233	Related place/location two identification	C	an	1/25	GTN Optional
		Description:	Specification of a second related place/location by code.			
		Information:	<2 character state or province code>			
LOC040-020	1131	Code list identification code	C	an	1/3	GTN Optional
		Description:	Identification of a code list.			
		Information:	Set to '163' (country sub-entity)			
LOC040-030	3055	Code list responsible agency code	C	an	1/3	GTN Optional
		Description:	Code specifying the agency responsible for a code list.			
		Information:	Set to '6' (UN/ECE)			

Note 1:**Comments:**

1. If LOC020-3 = '6', then LOC020-1 should be set to the appropriate UNLOCODE for that location.
2. LOC020-4 min/max of 2/24 is Infor Nexus specific and differs from the standard min/max of 1/70

Sample Segment:

LOC+57+USOAK::6:OAKLAND, United States+US'

Segment Group 3

Pos: 0190	Repeat: 30
Group: 3	Conditional Elements: N/A

User Option (Usage): GTN Required

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0200	RFF	REFERENCE	M	1	GTN Required

RFF

REFERENCE

Pos: 0200

Max: 1

Mandatory

Group: 3

Elements: 1

Group Path: Group 3
User Option (Usage): GTN Required
Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	REFERENCE	M	Comp		GTN Required
Description: Identification of a reference.						
RFF010-010	1153	Reference function code qualifier	M	an	1/3	GTN Required
Description: Code giving specific meaning to a reference segment or a reference number.						
Information:						
BM Bill of Lading						
BN Booking Number						
FF Forwarders Reference Number (Agent Reference Number)						
SI Shipper Identifying Number for Shipment						
CG Consignee's Order Number						
ADU Customs House Broker License Number						
CT Contract Number						
ERN Export Reference Number						
PO Purchase Order Number						
AHP Supplementary Declarant EORI						
UCN Unique Consignment Reference						
BH House Bill Number						
ZZZ Mutually Defined Reference Number						
RFF010-020	1154	Reference identifier	C	an	1/35	GTN Optional
Description: Identifies a reference.						

Note 1:

Syntax:

1. RFF010-2 field length of 1/30 is Infor Nexus specific and is different from the standard min/max of 1/35.

Sample Segment:

RFF+BN:BOOKNUM9988'

RFF+CG:ABC976'

RFF+SI:SHIPREFNUM11'

Segment Group 6

Pos: 0310	Repeat: 9
Group: 6	Conditional Elements: N/A

User Option (Usage): GTN Required

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0320	CPI	CHARGE PAYMENT INSTRUCTIONS	M	1	GTN Required

CPI**CHARGE PAYMENT
INSTRUCTIONS**

Pos: 0320	Max: 1
Mandatory	
Group: 6	Elements: 3

Group Path: Group 6**User Option (Usage):** GTN Required**Function:** To identify a charge.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CPI010	C229	CHARGE CATEGORY	C	Comp		GTN Optional
Description: Identification of a category or a zone of charges.						
CPI010-010	5237	Charge category code	M	an	1/3	GTN Required
Description: Code specifying the category of charges.						
Information:						
1 All Charges - Mutually exclusive of all other charges.						
2 Additional Charges - Definition to be mutually agreed upon by Carrier and Customer.						
4 Basic Freight						
5 Destination Haulage Charges						
7 Destination Port Charges						
10 Origin Port Charges						
11 Origin Haulage Charges						
CPI020	C231	METHOD OF PAYMENT	C	Comp		GTN Optional
Description: Code identifying the method of payment.						
CPI020-010	4215	Transport charges payment method code	M	an	1/3	GTN Required
Description: Identification of method of payment for transport charges.						
Information:						
Not used by Infor Nexus.						
CPI030	4237	Prepaid/collect indicator, coded	C	an	1/3	GTN Optional
Description: Code indicating whether freight item amount is prepaid or to be collected.						
Information:						
C Collect						
P Prepaid						

Note 1:**Sample Segment:**

CPI+10++P'

CPI+11++P'

Segment Group 8

Pos: 0470Repeat: 2

Conditional

Group: 8Elements: N/A

User Option (Usage): GTN Required

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0480	TDT	DETAILS OF TRANSPORT	M	1	GTN Required
0510		Segment Group 9	C	8	GTN Required

Note 1:
Comments:
1. The segment group 8 repeat of 2 is Infor Nexus specific and differs from the standard value of 99.

TDT

DETAILS OF TRANSPORT

Pos: 0480	Max: 1
Group: 8	Mandatory Elements: 9

Group Path: Group 8

User Option (Usage): GTN Required

Function: To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
TDT010	8051	Transport stage code qualifier	M	an	1/3	GTN Required
Description: Code qualifying a specific stage of transport. Information: 20 Main-Carriage Transport (Mother)						
TDT020	8028	Conveyance reference number	C	an	1/17	GTN Required
Description: Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term). Information: <voyage number>						
TDT030	C220	MODE OF TRANSPORT	C	Comp		GTN Optional
Description: Method of transport code or name. Code preferred.						
TDT030-010	8067	Transport mode name code	C	an	1/3	GTN Optional
Description: Code specifying the name of a mode of transport. Information: "1"						
TDT050	C040	CARRIER	C	Comp		GTN Required
Description: Identification of a carrier by code and/or by name. Code preferred.						
TDT050-010	3127	Carrier identification	C	an	1/17	GTN Optional
Description: Identification of party undertaking or arranging transport of goods between named points. Information: <Carrier SCAC code>						
TDT050-020	1131	Code list identification code	C	an	1/3	GTN Optional
Description: Identification of a code list. Information: 172 Carrier Code						
TDT080	C222	TRANSPORT IDENTIFICATION	C	Comp		GTN Required
Description: Code and/or name identifying the means of transport.						
TDT080-010	8213	Transport means identification name identifier	C	an	1/9	GTN Optional
Description: Identifies the name of the transport means. Information: Note: Use relevant code. May be used in combination with 1131/3055. "LLOYDS"						
TDT080-020	1131	Code list identification code	C	an	1/3	GTN Optional
Description: Identification of a code list. Information: Not used by Infor Nexus.						

TDT080-030	3055	Code list responsible agency code	C	an	1/3	GTN Optional
Description: Code specifying the agency responsible for a code list. Information: <i>11 (if TDT080:01 is present as LLOYDS then TDT080:03 will be present as 11)</i>						
TDT080-040	8212	Transport means identification name	C	an	1/35	GTN Required
Description: Name identifying a means of transport. Information: <vessel name>						

Note 1:
Comments:

1. TDT080-4 min/max length of 2/28 is Infor Nexus specific and differs from the standard min/max of 1/35.

Sample Segment:

TDT+20+0356+1++SCAC:172+++LLOYDS::11:VESSEL NAME'

Segment Group 9

Pos: 0510	Repeat: 8
Group: 9	Conditional Elements: N/A

Group Path: Group 8
User Option (Usage): GTN Required

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0520	LOC	PLACE/LOCATION IDENTIFICATION	M	1	GTN Required

Note 1:

Comments:

1. The segment group 9 repeat of 8 is Infor Nexus specific and differs from the standard value of 99.

LOC

PLACE/LOCATION
IDENTIFICATION

Pos: 0520	Max: 1
Mandatory	
Group: 9	Elements: 5

Group Path: Group 8-Group 9**User Option (Usage):** GTN Required**Function:** To identify a place or a location and/or related locations.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LOC010	3227	Location function code qualifier	M	an	1/3	GTN Required
Description: Code identifying the function of a location. Information: 7 <i>Contractual Place of Delivery</i> 9 <i>Operational Place/Port of Loading</i> 11 <i>Operational Place/Port of Discharge</i> 88 <i>Contractual Place of Receipt</i>						
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		GTN Required
Description: Identification of a location by code or name.						
LOC020-010	3225	Location name code	C	an	1/25	GTN Optional
Description: Code specifying the name of the location. Information: <i>Location Code (UNLOCODE or Mutually Defined Code)</i>						
LOC020-020	1131	Code list identification code	C	an	1/3	GTN Optional
Description: Identification of a code list. Information: <i>Not used by Infor Nexus.</i>						
LOC020-030	3055	Code list responsible agency code	C	an	1/3	GTN Optional
Description: Code specifying the agency responsible for a code list. Information: 6 <i>UN/ECE (United Nations - Economic Commission for Europe)</i>						
LOC020-040	3224	Location name	C	an	1/256	GTN Optional
Description: Name of the location. Information: <location name>						
LOC030	C519	RELATED LOCATION ONE IDENTIFICATION	C	Comp		GTN Optional
Description: Identification the first related location by code or name.						
LOC030-010	3223	Related place/location one identification	C	an	1/25	GTN Optional
Description: Specification of the first related place/location by code. Information: <2 character ISO country code>						
LOC030-020	1131	Code list identification code	C	an	1/3	GTN Optional
Description: Identification of a code list. Information: <i>Set to '162' (country)</i>						
LOC030-030	3055	Code list responsible agency code	C	an	1/3	GTN Optional
Description: Code specifying the agency responsible for a code list. Information:						

Set to '5' (ISO)

LOC040	C553	RELATED LOCATION TWO IDENTIFICATION	C	Comp		GTN Optional
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Description: Identification of second related location by code or name.

LOC040-010	3233	Related place/location two identification	C	an	1/25	GTN Optional
------------	------	--	---	----	------	--------------

Description: Specification of a second related place/location by code.

Information:

<2 character state or province code>

LOC040-020	1131	Code list identification code	C	an	1/3	GTN Optional
------------	------	--------------------------------------	---	----	-----	--------------

Description: Identification of a code list.

Information:

Set to '163' (country sub-entity)

LOC040-030	3055	Code list responsible agency code	C	an	1/3	GTN Optional
------------	------	--	---	----	-----	--------------

Description: Code specifying the agency responsible for a code list.

Information:

Set to '6' (UN/ECE)

Note 1:

Comments:

1. If LOC020-3 = '6', then LOC020-1 is the appropriate UNLOCODE for that location.
2. LOC02-4 min/max of 2/24 is Infor Nexus specific and differs from the standard min/max of 1/70

Sample Segment:

LOC+88+USOAK::6:Oakland, United States+US'

LOC+9+USLGB::6:Long Beach, United States+US'

LOC+11+JPKOB::6:Kobe, Japan+JP'

LOC+7+JPTYO::6:Tokyo, China+CN'

Segment Group 11

Pos: 0570Repeat: 8

Mandatory

Group: 11Elements: N/A

User Option (Usage): GTN Required

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0580	NAD	NAME AND ADDRESS	M	1	GTN Required
0610		Segment Group 12	C	9	GTN Required
0640		Segment Group 13	C	9	GTN Required
0750		Segment Group 15	C	9	GTN Optional

Note 1:

Comments:

1. The segment group 11 repeat of 8 is Infor Nexus specific and differs from the standard value of 99.

NAD

NAME AND ADDRESS

Pos: 0580	Max: 1
Group: 11	Mandatory
	Elements: 9

Group Path: Group 11

User Option (Usage): GTN Required

Function: To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	GTN Required

Description: Code giving specific meaning to a party.

Information:

CN	Consignee
FW	Forwarder
CZ	Shipper
NI	Notify party
N1	Also Notify (Notify Party No. 2)
N2	Third Notify (Notify Party No. 3)
HI	Submitter
VI	Contact
WPA	Weighting party
BY	Buyer
SE	Seller

NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		GTN Optional
--------	------	------------------------------	---	------	--	--------------

Description: Identification of a transaction party by code.

NAD020-010	3039	Party identifier	M	an	1/35	GTN Required
------------	------	------------------	---	----	------	--------------

Description: Code specifying the identity of a party.

Information:

<office code for submitter (NAD01 = 'HI') party>

NAD020-020	1131	Code list identification code	C	an	1/3	GTN Optional
------------	------	-------------------------------	---	----	-----	--------------

Description: Identification of a code list.

Information:

160 Party identification

NAD020-030	3055	Code list responsible agency code	C	an	1/3	GTN Optional
------------	------	-----------------------------------	---	----	-----	--------------

Description: Code specifying the agency responsible for a code list.

Information:

Set to '87' (Assigned by Carrier)

NAD030	C058	NAME AND ADDRESS	C	Comp		GTN Required
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Description: Unstructured name and address: one to five lines.

NAD030-010	3124	Name and address line	M	an	1/35	GTN Required
------------	------	-----------------------	---	----	------	--------------

Description: Free form name and address description.

Information:

<Party Name>

NAD030-020	3124	Name and address line	C	an	1/35	GTN Optional
------------	------	-----------------------	---	----	------	--------------

Description: Free form name and address description.

Information:

<Address Line 1>

NAD030-030	3124	Name and address line	C	an	1/35	GTN Optional
------------	------	-----------------------	---	----	------	--------------

Description: Free form name and address description.

Information:

		<Address Line 2>			
NAD030-040	3124	Name and address line	C	an	1/35 GTN Optional
		Description: Free form name and address description.			
		Information:			
		<Address Line 3>			
NAD030-050	3124	Name and address line	C	an	1/35 GTN Optional
		Description: Free form name and address description.			
		Information:			
		<Address Line 4>			
NAD040	C080	PARTY NAME	C	Comp	GTN Optional
		Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.			
NAD040-010	3036	Party name	M	an	1/35 GTN Required
		Description: Name of a party involved in a transaction.			
		Information:			
		<Party Name>			

Note 1:**Comments:**

1. At least 2 NAD segments (and therefore at least 2 repeats of segment group 11) will be present in the file – one each for NAD010 = 'CN' and 'CZ' (the consignee and the shipper, respectively).
2. Infor Nexus Professional Services will explain the use of NAD020-1.
3. The NAD segment for which NAD01 = 'WPA' represents the Verified Gross Weight Party, which is introduced to support the changes to the Safety of Life at Sea (SOLAS) treaty, taking effect on 07/01/2016

Sample 1:

NAD+CN++CONSIGNEE NAME:1301 MARINA VILLAGE PARKWAY:SUITE 240:ALAMEDA, CA 94501'

NAD+CZ++SHIPPER NAME:ADDRESS 1:ADDRESS 2:ADDRESS 3:ADDRESS 4'

NAD+PK++IFTMIN CONTACT PARTY ORGANIZATION:ADDRESS 1:ADDRESS 2:ADDRESS 3:ADDRESS 4'

NAD+HI+<REQUESTOR OFFICE CODE>:ZZZ+REQUESTOR ORGANIZATION NAME:ADDRESS 1:ADDRESS 2:ADDRESS 3:ADDRESS 4'

NAD+BY++BUYER NAME:ADDRESS 1:ADDRESS 2:ADDRESS 3:ADDRESS 4'

NAD+SE++SELLER NAME:ADDRESS 1:ADDRESS 2:ADDRESS 3:ADDRESS 4'

Sample 2 - Segment for the Verified Gross Weight (SOLAS requirement) when NAD010 = "WPA" is used (Comment #3 above)

NAD+WPA++VGM COMPANY NAME:VGM ADDRESS1:VGM ADDRESS2:VGM ADDRESS3:VGM ADDRESS4'

Segment Group 12

Pos: 0610Repeat: 9

Conditional

Group: 12Elements: N/A

Group Path: Group 11
User Option (Usage): GTN Required

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0620	CTA	CONTACT INFORMATION	M	1	GTN Required
0630	COM	COMMUNICATION CONTACT	C	9	GTN Optional

Note 1:

Comments:

1. The segment group 12 is used in conjunction with the NAD segment where NAD010 = "WPA" or NAD010 = "NI". See also the Comment 3 & 4 for the NAD segment.

CTA

CONTACT INFORMATION

Pos: 0620	Max: 1
Group: 12	Elements: 2

Group Path: Group 11-Group 12

User Option (Usage): GTN Required

Function: To identify a person or a department to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA010	3139	Contact function code	C	an	1/3	GTN Optional
Description: Code specifying the function of a contact (e.g. department or person). Information: <i>IC Information</i> <i>RP Responsible Person</i>						
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS	C	Comp		GTN Optional
Description: Code and/or name of a department or employee. Code preferred.						
CTA020-010	3413	Department or employee identification	C	an	1/17	GTN Optional
Description: Internal identification code. Information: <i>Not used by Infor Nexus.</i>						
CTA020-020	3412	Department or employee	C	an	1/35	GTN Optional
Description: The department or person within an organizational entity.						

Note 1:

Comments:

1. The CTA segment, used in conjunction with the COM segment, specifies the parties relevant to the IFTMIN message.
2. The CTA segment, used in conjunction with the NAD segment where NAD010 = "WPA", represents the Certified Party Contact information (please also see the Comment 3 of the NAD Segment – Segment Group 11)

Sample Segment:

CTA+IC+:CUSTOMER IFTMIN CONTACT NAME'

COM COMMUNICATION CONTACT

Pos: 0630	Max: 9
Conditional	
Group: 12	Elements: 1

Group Path: Group 11-Group 12

User Option (Usage): GTN Optional

Function: To identify a communication number of a department or a person to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT	M	Comp		GTN Required
		Description: Communication number of a department or employee in a specified channel.				
COM010-010	3148	Communication number	M	an	1/512	GTN Required
		Description: The communication number.				
		Information:				
		<communication number> (qualified by COM010-2)				
COM010-020	3155	Communication number code qualifier	M	an	1/3	GTN Required
		Description: Code qualifying the communication number.				
		Information:				
		EM Email				
		FX Fax				
		TE Telephone				

Note 1:

Comments:

1. Contact information detailed in the COM segment pertains to the primary customer documentation contact identified in the preceding CTA segment.
2. The COM segment repeat of 3 is Infor Nexus specific and differs from the standard value of 9.

Sample Segment:

COM+510-747-3240:TE'

COM+iftmin.contact@customer.com:EM'

COM+510-747-3201:FX'

Segment Group 13

Pos: 0640	Repeat: 9
Group: 13	Conditional Elements: N/A

Group Path: Group 11
User Option (Usage): GTN Required

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0650	DOC	DOCUMENT/MESSAGE DETAILS	M	1	GTN Required

DOC

DOCUMENT/MESSAGE DETAILS

Pos: 0650	Max: 1
Mandatory	
Group: 13	Elements: 5

Group Path: Group 11-Group 13

User Option (Usage): GTN Required

Function: To identify documents and details directly related to it.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DOC010	C002	DOCUMENT/MESSAGE NAME	M	Comp		GTN Required
Description: Identification of a type of document/message by code or name. Code preferred.						
DOC010-010	1001	Document name code	C	an	1/3	GTN Optional
Description: Code specifying the document name.						
Information:						
706 Bill of Lading Original						
707 Bill of Lading Copy						
710 Sea Waybill						
DOC020	C503	DOCUMENT/MESSAGE DETAILS	C	Comp		GTN Required
Description: Identification of document/message by number, status, source and/or language.						
DOC020-010	1004	Document/message number	C	an	1/35	GTN Optional
Description: Reference number assigned to the document/message by the issuer.						
Information:						
<i>Not used by Infor Nexus.</i>						
DOC020-020	1373	Document status code	C	an	1/3	GTN Optional
Description: Code specifying the status of a document.						
Information:						
26 Document not Freight						
27 Document Freight						
DOC040	1220	Number of copies of document required	C	n	1/2	GTN Optional
Description: Number of originals or copies of a document stipulated or referred to as being required.						

Note 1:

Sample Segment:

DOC+710+:27++1'

DOC+706+:27++3'

DOC+707+:27++2'

Segment Group 15

Pos: 0750	Repeat: 9
Group: 15	Conditional Elements: N/A

Group Path: Group 11
User Option (Usage): GTN Optional

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0760	RFF	REFERENCE	M	1	GTN Required

RFF

REFERENCE

Pos: 0760

Max: 1

Mandatory

Group: 15

Elements: 1

Group Path: Group 11-Group 15
User Option (Usage): GTN Required
Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	REFERENCE	M	Comp		GTN Required
Description: Identification of a reference.						
RFF010-010	1153	Reference function code qualifier	M	an	1/3	GTN Required
Description: Code giving specific meaning to a reference segment or a reference number.						
Information:						
EI Employer's identification number						
GN Government reference number						
UC Ultimate customer's reference number						
VA VAT registration number						
RFF010-020	1154	Reference identifier	C	an	1/35	GTN Optional
Description: Identifies a reference.						

Segment Group 18

Pos: 0900Repeat: 120

Conditional

Group: 18Elements: N/A

User Option (Usage): GTN Required

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0910	GID	GOODS ITEM DETAILS	M	1	GTN Required
0980	PIA	ADDITIONAL PRODUCT ID	C	9	GTN Optional
0990	FTX	FREE TEXT	C	99	GTN Required
1010		Segment Group 19	C	9	GTN Optional
1060		Segment Group 20	C	99	GTN Required
1150		Segment Group 23	C	99	GTN Optional
1370		Segment Group 29	C	999	GTN Optional
1510		Segment Group 32	C	3	GTN Optional

Note 1:
Comments:
1. The Segment Group 18 repeat of 120 is Infor Nexus specific and differs from the standard value of 999.

GID**GOODS ITEM DETAILS**

Pos: 0910	Max: 1
Mandatory	
Group: 18	Elements: 6

Group Path: Group 18**User Option (Usage):** GTN Required**Function:** To indicate totals of a goods item.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GID010	1496	Goods item number	C	n	1/5	GTN Required
		Description: Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.				
GID020	C213	NUMBER AND TYPE OF PACKAGES	C	Comp		GTN Optional
		Description: Number and type of individual parts of a shipment.				
GID020-010	7224	Number of packages	C	n	1/8	GTN Optional
		Description: Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.				
		Information: <i>Set to the number of units (pieces) of the lading commodity</i>				
GID020-020	7065	Package type description code	C	an	1/17	GTN Optional
		Description: Code specifying the type of package.				
		Information: <i>See Appendix A for a complete list of supported GID 202 codes.</i>				
GID020-030	1131	Code list identification code	C	an	1/3	GTN Optional
		Description: Identification of a code list.				
		Information: <i>Not used by Infor Nexus</i>				
GID020-040	3055	Code list responsible agency code	C	an	1/3	GTN Optional
		Description: Code specifying the agency responsible for a code list.				
		Information: <i>6 UN/ECE</i>				
GID020-050	7064	Type of packages	C	an	1/35	GTN Optional
		Description: Description of the form in which goods are presented.				

Note 1:**Sample Segment:***GID+I+272:CT::6:CARTON'*

PIA

ADDITIONAL PRODUCT ID

Pos: 0980

Max: 9

Conditional

Group: 18

Elements: 6

Group Path: Group 18
User Option (Usage): GTN Optional
Function: To specify additional or substitutional item identification codes.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA010	4347	Product id. function qualifier	M	an	1/3	GTN Required
Description: Indication of the function of the product code.						
Information:						
5 Product Identification						
PIA020	C212	ITEM NUMBER IDENTIFICATION	M	Comp		GTN Required
Description: Goods identification for a specified source.						
PIA020-010	7140	Item number	C	an	1/35	GTN Optional
Description: A number allocated to a group or item.						
PIA020-020	7143	Item type identification code	C	an	1/3	GTN Optional
Description: Code specifying an item code.						
Information:						
HS Harmonized system-Based Schedule B						

Note 1:

Comments:

1. The 1st 'PIA' segment encountered is considered to contain the "Primary" HS code and will be sent to the ocean carrier as a structured data element adhering to the standard format communicating Harmonized System information. Any subsequent PIA segments (2nd through 9th) are considered to contain a "Secondary" HS code and will be sent to the ocean carrier as a commodity (line item) goods description text line with a label of "HS:" along with the PIA 020-1 value.

Sample Segment:

PIA+5+4804412000:HS'

PIA+5+4804412001:HS'

PIA+5+4804412002:HS'

FTX**FREE TEXT**

Pos: 0990	Max: 99
Conditional	
Group: 18	Elements: 6

Group Path: Group 18**User Option (Usage):** GTN Required**Function:** To provide free form or coded text information.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject code qualifier Description: Code specifying the subject of the text. Information: <i>AAA Goods Description</i>	M	an	1/3	GTN Required
FTX030	C107	TEXT REFERENCE Description: Coded reference to a standard text and its source.	C	Comp		GTN Optional
FTX030-010	4441	Free text value code Description: Code specifying free form text. Information: <i><container quantity> (number of containers in container group)</i>	M	an	1/17	GTN Required
FTX040	C108	TEXT LITERAL Description: Free text; one to five lines.	C	Comp		GTN Required
FTX040-010	4440	Free text value Description: Free form text. Information: <i><lading description></i>	M	an	1/512	GTN Required
FTX040-020	4440	Free text value Description: Free form text. Information: <i><lading description></i>	C	an	1/512	GTN Optional
FTX040-030	4440	Free text value Description: Free form text. Information: <i><lading description></i>	C	an	1/512	GTN Optional
FTX040-040	4440	Free text value Description: Free form text. Information: <i><lading description></i>	C	an	1/512	GTN Optional
FTX040-050	4440	Free text value Description: Free form text. Information: <i><lading description></i>	C	an	1/512	GTN Optional

Note 1:**Semantics:**

1. FTX04-1 is required in the first instance of the FTX segment.

Comments:

1. The FTX segment is used to provide the lading description (cargo description).
2. FTX04-1 through FTX04-5 min/max field lengths of 1/35 are Infor Nexus specific and differ from the standard min/max of 1/70.
3. The FTX segment may be used to send quantity information as part of the product description.

Sample Segment:

FTX+AAA+++THE LADING DESCRIPTION DETAILS FOR :A COMMODITY GO HERE. SINCE THE FTX: SEGMENT CAN BE REPEATED 99 TIMES AND FTX04-1 THROUGH FTX04-5 ARE ALL :AVAILABLE IN EACH INSTANCE OF THE F'

FTX+AAA+++TX SEGMENT (AND CARRER MIN/MAX LENG:THS OF 1/35), THE CUSTOMER SHOULD H:AVE MORE THAN ENOUGH SPACE TO PROVIDE A DETAILED COMMODITY/LADING DESC:RIPTION IN THE IFTMIN MESSAGE.'

Segment Group 19

Pos: 1010	Repeat: 9
Conditional	
Group: 19	Elements: N/A

Group Path: Group 18
User Option (Usage): GTN Optional

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1020	NAD	NAME AND ADDRESS	M	1	GTN Required

NAD NAME AND ADDRESS

Pos: 1020	Max: 1
Mandatory	
Group: 19	Elements: 9

Group Path: Group 18-Group 19

User Option (Usage): GTN Required

Function: To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	GTN Required

Description: Code giving specific meaning to a party.

Information:

CN	Consignee
FW	Forwarder
CZ	Shipper
NI	Notify party
N1	Also Notify (Notify Party No. 2)
N2	Third Notify (Notify Party No. 3)
HI	Submitter
VI	Contact
WPA	Weighting party

NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		GTN Optional
--------	------	------------------------------	---	------	--	--------------

Description: Identification of a transaction party by code.

NAD020-010	3039	Party identifier	M	an	1/35	GTN Required
------------	------	------------------	---	----	------	--------------

Description: Code specifying the identity of a party.

Information:

<office code for submitter (NAD01 = 'HI') party>

NAD020-020	1131	Code list identification code	C	an	1/3	GTN Optional
------------	------	-------------------------------	---	----	-----	--------------

Description: Identification of a code list.

Information:

160 Party identification

NAD020-030	3055	Code list responsible agency code	C	an	1/3	GTN Optional
------------	------	-----------------------------------	---	----	-----	--------------

Description: Code specifying the agency responsible for a code list.

Information:

'87' - Assigned by carrier

NAD030	C058	NAME AND ADDRESS	C	Comp		GTN Optional
--------	------	------------------	---	------	--	--------------

Description: Unstructured name and address: one to five lines.

NAD030-010	3124	Name and address line	M	an	1/35	GTN Required
------------	------	-----------------------	---	----	------	--------------

Description: Free form name and address description.

Information:

<Party Name>

NAD030-020	3124	Name and address line	C	an	1/35	GTN Optional
------------	------	-----------------------	---	----	------	--------------

Description: Free form name and address description.

Information:

<Address Line 1>

NAD030-030	3124	Name and address line	C	an	1/35	GTN Optional
------------	------	-----------------------	---	----	------	--------------

Description: Free form name and address description.

Information:

<Address Line 2>

NAD030-040	3124	Name and address line	C	an	1/35	GTN Optional
Description: Free form name and address description.						
Information:						
<Address Line 3>						
NAD030-050	3124	Name and address line	C	an	1/35	GTN Optional
Description: Free form name and address description.						
Information:						
<Address Line 4>						
NAD040	C080	PARTY NAME	C	Comp		GTN Optional
Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.						
NAD040-010	3036	Party name	M	an	1/35	GTN Required
Description: Name of a party involved in a transaction.						
Information:						
<Party Name>						

Note 1:*Comments:*

1. At least 2 NAD segments (and therefore at least 2 repeats of segment group 19) will be present if the Segment Group 19 exists – one each for NAD010 = 'CN' and 'CZ' (the consignee and the shipper, respectively).
2. Infor Nexus Professional Services will explain the use of NAD020-1.
3. The NAD segment for which NAD01 = 'WPA' represents the Verified Gross Weight Party, which is introduced to support the changes to the Safety of Life at Sea (SOLAS) treaty, taking effect on 07/01/2016

Sample 1:

NAD+CN++CONSIGNEE NAME:1301 MARINA VILLAGE PARKWAY:SUITE 240:ALAMEDA, CA 94501'

NAD+CZ++SHIPPER NAME:ADDRESS 1:ADDRESS 2:ADDRESS 3:ADDRESS 4'

NAD+PK++IFTMIN CONTACT PARTY ORGANIZATION:ADDRESS 1:ADDRESS 2:ADDRESS 3:ADDRESS 4'

NAD+HI+<REQUESTOR OFFICE CODE>:ZZZ+REQUESTOR ORGANIZATION NAME:ADDRESS 1:ADDRESS 2:ADDRESS 3:ADDRESS 4'

Sample 2 - Segment for the Verified Gross Weight (SOLAS requirement) when NAD010 = "WPA" is used (Comment #3 above)

NAD+WPA++VGM COMPANY NAME:VGM ADDRESS1:VGM ADDRESS2:VGM ADDRESS3:VGM ADDRESS4'

Segment Group 20

Pos: 1060	Repeat: 99
Conditional	
Group: 20	Elements: N/A

Group Path: Group 18
User Option (Usage): GTN Required

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1070	MEA	MEASUREMENTS	M	1	GTN Required

MEA MEASUREMENTS

Pos: 1070	Max: 1
Mandatory	
Group: 20	Elements: 4

Group Path: Group 18-Group 20

User Option (Usage): GTN Required

Function: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement attribute code	M	an	1/3	GTN Required
Description: Code specifying the measurement attribute. Information: <i>AAE Measurement</i>						
MEA020	C502	MEASUREMENT DETAILS	C	Comp		GTN Optional
Description: Identification of measurement type.						
MEA020-010	6313	Measured attribute code	C	an	1/3	GTN Optional
Description: Code specifying the attribute measured. Information: <i>WT Weight</i> <i>AAW Volume</i>						
MEA030	C174	VALUE/RANGE	C	Comp		GTN Required
Description: Measurement value and relevant minimum and maximum values of the measurement range.						
MEA030-010	6411	Measurement unit code	M	an	1/3	GTN Required
Description: Code specifying the unit of measurement. Information: <i>Commodity Weight Qualifiers (MEA020 = 'WT')</i> <i>KGM Kilograms</i> <i>Commodity Volume Qualifiers (MEA020 = 'AAW')</i> <i>FTQ Cubic Feet</i>						
MEA030-020	6314	Measurement value	C	an	1/18	GTN Required
Description: Value of the measured unit. Information: <i><commodity weight or volume></i>						

Note 1:

Comments:

1. All commodity weights are considered to be gross weights.

Sample Segment:

MEA+AAE+WT+KGM:19939.0'

MEA+AAE+AAW+ MTQ:58.21'

Segment Group 22

Pos: 1130

Repeat: 9

Conditional

Group: 22

Elements: N/A

Group Path: Group 18
User Option (Usage): GTN Optional

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1130	RFF	REFERENCE	C	1	GTN Optional

RFFREFERENCE

Pos: 1130

Max: 1

Conditional

Group: 22

Elements: 1

Group Path: Group 18- Group 22
User Option (Usage): GTN Optional
Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		GTN Required

Description: Identification of a reference.

RFF010-010	1153	Reference function code qualifier	M	an	1/3	GTN Required
------------	------	-----------------------------------	---	----	-----	--------------

Description: Code giving specific meaning to a reference segment or a reference number.

Information:

AIY CUS Code for Chemicals

RFF010-020	1154	Reference identifier	C	an	1/35	GTN Optional
------------	------	----------------------	---	----	------	--------------

Description: Identifies a reference.

Note 1:

Sample segment:

RFF+AIY:CUS Code'

Segment Group 23

Pos: 1150	Repeat: 99
	Conditional
Group: 23	Elements: N/A

Group Path: Group 18
User Option (Usage): GTN Optional

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1160	PCI	PACKAGE IDENTIFICATION	M	1	GTN Required

Note 1:

Comments:

1. The segment group 23 repeat of 99 is Infor Nexus specific and differs from the standard value of 999.

PCI

PACKAGE IDENTIFICATION

Pos: 1160	Max: 1
Group: 23	Elements: 4

Group Path: Group 18-Group 23

User Option (Usage): GTN Required

Function: To specify markings and labels on individual packages or physical units.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PCI020	C210	MARKS & LABELS	C	Comp		GTN Optional
		Description: Shipping marks on packages in free text; one to ten lines.				
PCI020-010	7102	Shipping marks	M	an	1/35	GTN Required
		Description: Marks and numbers identifying individual packages.				
		Information: <marks and numbers>				
PCI020-020	7102	Shipping marks	C	an	1/35	GTN Optional
		Description: Marks and numbers identifying individual packages.				
		Information: <marks and numbers>				
PCI020-030	7102	Shipping marks	C	an	1/35	GTN Optional
		Description: Marks and numbers identifying individual packages.				
		Information: <marks and numbers>				
PCI020-040	7102	Shipping marks	C	an	1/35	GTN Optional
		Description: Marks and numbers identifying individual packages.				
		Information: <marks and numbers>				
PCI020-050	7102	Shipping marks	C	an	1/35	GTN Optional
		Description: Marks and numbers identifying individual packages.				
		Information: <marks and numbers>				

Note 1:

Sample Segment:

PCI++MARKS & NUMS 1:MARKS & NUMS 2:MARKS & NUMS 3:MARKS & NUMS 4:MARKS & NUMS 5'

Segment Group 29

Pos: 1370	Repeat: 999
Conditional	
Group: 29	Elements: N/A

Group Path: Group 18
User Option (Usage): GTN Optional

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1380	SGP	SPLIT GOODS PLACEMENT	M	1	GTN Required
1390		Segment Group 30	C	1	GTN Optional

SGP

SPLIT GOODS PLACEMENT

Pos: 1380

Max: 1

Mandatory

Group: 29

Elements: 2

Group Path: Group 18-Group 29
User Option (Usage): GTN Required
Function: To specify the placement of goods in relation to equipment.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
SGP010	C237	EQUIPMENT IDENTIFICATION	M	Comp		GTN Required
Description: Marks (letters/numbers) identifying equipment.						
SGP010-010	8260	Equipment identification number	C	an	1/17	GTN Optional
Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device.						
Information: Set to the equipment number associated with the commodity description in GID						
SGP020	7224	Number of packages	C	n	1/8	GTN Optional
Description: Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.						

Note 1:

Sample Segment:

SGP+HJSC1234560+300'
SGP+HJSC2345671+300'
SGP+HJSC3456782+400'

Segment Group 30

Pos: 1390	Repeat: 1
	Conditional
Group: 30	Elements: N/A

Group Path: Group 18-Group 29
User Option (Usage): GTN Optional

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1400	MEA	MEASUREMENTS	M	1	GTN Required

MEA MEASUREMENTS

Pos: 1400	Max: 1
Mandatory	
Group: 30	Elements: 4

Group Path: Group 18-Group 29-Group 30

User Option (Usage): GTN Required

Function: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement attribute code	M	an	1/3	GTN Required
Description: Code specifying the measurement attribute. Information: <i>AAE Measurement</i>						
MEA020	C502	MEASUREMENT DETAILS	C	Comp		GTN Optional
Description: Identification of measurement type.						
MEA020-010	6313	Measured attribute code	C	an	1/3	GTN Optional
Description: Code specifying the attribute measured. Information: <i>WT Weight</i> <i>AAW Volume</i>						
MEA030	C174	VALUE/RANGE	C	Comp		GTN Required
Description: Measurement value and relevant minimum and maximum values of the measurement range.						
MEA030-010	6411	Measurement unit code	M	an	1/3	GTN Required
Description: Code specifying the unit of measurement. Information: <i>Commodity Weight Qualifiers (MEA020 = 'WT')</i> <i>KGM Kilograms</i> <i>Commodity Volume Qualifiers (MEA020 = 'AAW')</i> <i>FTQ Cubic Feet</i>						
MEA030-020	6314	Measurement value	C	an	1/18	GTN Required
Description: Value of the measured unit. Information: <i><commodity weight or volume></i>						

Note 1:

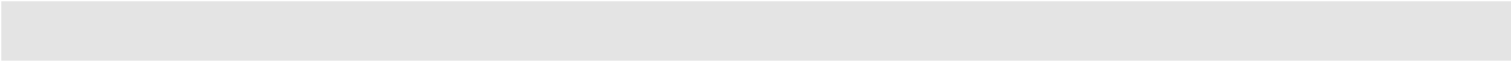
Comments:

1. All commodity weights are considered to be gross weights.

Sample Segment:

MEA+AAE+WT+KGM:19939.0'

MEA+AAE+AAW+ MTQ:58.21'



Segment Group 32

Pos: 1510	Repeat: 3
Group: 32	Conditional Elements: N/A

Group Path: Group 18
User Option (Usage): GTN Optional

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1520	DGS	DANGEROUS GOODS	M	1	GTN Required
1530	FTX	FREE TEXT	C	4	GTN Optional
1540		Segment Group 33	C	1	GTN Required

Note 1:

Comments:

- 1. Segment group 32 is required when the shipment contains hazardous material.
- 2. The segment group 32 repeat of 3 is Infor Nexus specific and differs from the standard value of 9.
- 3. The FTX segment repeat of 4 is Infor Nexus specific and differs from the standard value of 99.

DGS DANGEROUS GOODS

Pos: 1520	Max: 1
Mandatory	
Group: 32	Elements: 13

Group Path: Group 18-Group 32
User Option (Usage): GTN Required
Function: To identify dangerous goods.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DGS010	8273	Dangerous goods regulations code	C	an	1/3	GTN Optional
Description: Code specifying a dangerous goods regulation. Information: IMD <i>IMO IMDG Code (IMO Class Code – in first instance of DGS where DGS01 = 'IMD')</i> <i>IMO IMDG Code (IMO Subsidiary Class Code – in second instance of DGS where DGS01 = 'IMD')</i> ZZZ <i>Mutually Defined</i> Note 2: <i>This element is GTN Req. for DGS01 = 'ZZZ'</i>						
DGS020	C205	HAZARD CODE	C	Comp		GTN Required
Description: The identification of the dangerous goods in code.						
DGS020-010	8351	Hazard code identification	M	an	1/7	GTN Required
Description: Dangerous goods code. Information: <IMO Class Code> or <IMO Subsidiary Class Code> (when DGS01 = 'IMD') 9999						
DGS020-020	8078	Hazard substance/item/page number	C	an	1/7	GTN Optional
Description: Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation. Information: <i>Not used by Infor Nexus.</i>						
DGS020-030	8092	Hazard code version number	C	an	1/10	GTN Required
Description: The version/revision number of date of issuance of the code used. Information: <UN Hazardous Material Code>						
DGS040	C223	DANGEROUS GOODS SHIPMENT FLASHPOINT	C	Comp		GTN Optional
Description: Temperature at which a vapor can be ignited as per ISO 1523/73.						
DGS040-010	7106	Shipment flashpoint	C	n	3/3	GTN Optional
Description: Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited. Information: <flashpoint temperature>						
DGS040-020	6411	Measurement unit code	C	an	1/3	GTN Optional
Description: Code specifying the unit of measurement. Information: CEL <i>Celsius (Centigrade)</i> FAH <i>Fahrenheit</i>						
DGS050	8339	Packing group, coded	C	an	1/3	GTN Optional
Description: Identification of a packing group by code.						

		Information: <package group code> (1, 2, or 3; code indicating degree of danger) 1 Great Danger 2 Medium Danger 3 Minor Danger				
DGS060	8364	EMS number	C	an	1/6	GTN Optional
		Description: Emergency procedures for ships carrying dangerous goods. Information: <EMS code>				
DGS070	8410	MFAF	C	an	1/4	GTN Optional
		Description: Medical first aid guide. Information: <MFA code>				
DGS090	C235	HAZARD IDENTIFICATION PLACARD DETAILS	C	Comp		GTN Optional
		Description: These numbers appear on the hazard identification placard required on the means of transport.				
DGS090-010	8158	Hazard identification number, upper part	C	an	1/4	GTN Optional
		Description: The id. number for the Orange Placard (upper part) required on the means of transport. Information: <primary placard code>				

Note 1:**Semantics:**

1. DGS01 qualifies DGS02-1.
2. The min/max of DGS02-1 (1/4) is Infor Nexus specific and differs from the standard value of 1/7.
3. The min/max of DGS02-3 (4/10) is Infor Nexus specific and differs from the standard value of 1/10.

Comments:

1. Infor Nexus provides hazardous material(s) details at the container and commodity level.
2. At the container level, the hazmat details provided in segment group 32 will be applied to all containers detailed in segment group 29 (these containers are further described in segment group 37 – segment group 29 is used to make an association between commodities/hazmat details and segment group 37 containers). By default, Infor Nexus application supports hazardous material(s) details at container level.
3. For support of hazardous material(s) at commodity level, please contact Infor Nexus Professional Services for more details.
4. Infor Nexus provides a Hazardous Materials Code in the DGS segment when shipment contains hazardous material(s). Therefore, for hazardous shipments, at least 1 DGS segment will be present in segment group 32 with DGS010 = 'ZZZ', DGS020-1 = '9999' and DGS020-3 equal to the Hazardous Material Code with a min/max of 4/10.
5. The use of DGS02-3 is unique to Infor Nexus and varies from the way it is used by the standard.
6. The DGS040-1 flashpoint temperature is the lowest temperature for hazardous materials being shipped in the container.

Sample Segment:

DGS+IMD+3.2:456+4056+098:FAH+2+EMS NBR'

FTX

FREE TEXT

Pos: 1530	Max: 4
Group: 32	Elements: 6

Group Path: Group 18-Group 32

User Option (Usage): GTN Optional

Function: To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject code qualifier Description: Code specifying the subject of the text. Information: <i>AAA Dangerous goods additional information</i>	M	an	1/3	GTN Required
FTX030	C107	TEXT REFERENCE Description: Coded reference to a standard text and its source.	C	Comp		GTN Optional
FTX030-010	4441	Free text value code Description: Code specifying free form text. Information: <i>MP Marine Pollutant - Used to identify the hazardous commodity as a marine pollutant</i>	M	an	1/17	GTN Required
FTX040	C108	TEXT LITERAL Description: Free text; one to five lines.	C	Comp		GTN Optional
FTX040-010	4440	Free text value Description: Free form text. Information: <i><hazardous material description> (Proper shipping name – hazardous material name, special instructions, etc.)</i>	M	an	1/512	GTN Required
FTX040-020	4440	Free text value Description: Free form text. Information: <i><technical name> (technical name of the hazardous material being shipped)</i>	C	an	1/512	GTN Optional
FTX040-030	4440	Free text value Description: Free form text. Information: <i><net explosive content> (used to specify net explosive content)</i>	C	an	1/512	GTN Optional
FTX040-040	4440	Free text value Description: Free form text. Information: <i><secondary placard code> (secondary to the primary placard code identified in DGS09-1)</i>	C	an	1/512	GTN Optional
FTX040-050	4440	Free text value Description: Free form text. Information: <i><hazardous material contact> (Phone number and name of person or department to contact in case of an emergency (hazardous material contact))</i>	C	an	1/512	GTN Optional

Note 1:

Semantics:

1. FTX030-1 is used to set various Boolean flags within the Infor Nexus Documentation application and in the outbound EDI 304 message to the carrier.

2. The min/max lengths of FTX040-1 through FTX040-5 are Infor Nexus specific and differ from the standard min/max of 1/70.
3. The FTX segment repeat of 4 is Infor Nexus specific and differs from the standard value of 99.

Sample Segment:

FTX+AAA++MP+HAZARDOUS MATERIAL DESCRIPTION:TECHNICAL NAME:NET EXPLOSIVE CONTENT:2345:JOHN SMITH,5107473200'

FTX+AAA++LM'

FTX+AAA++RE'

FTX+AAA++RQ'

Segment Group 33

Pos: 1540	Repeat: 1
Conditional	
Group: 33	Elements: N/A

Group Path: Group 18-Group 32
User Option (Usage): GTN Required

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1550	CTA	CONTACT INFORMATION	M	1	GTN Required
1560	COM	COMMUNICATION CONTACT	C	3	GTN Optional

Note 1:

Comments:

1. Segment group 33 is required when the shipment contains hazardous material.
2. The COM segment repeat of 3 is Infor Nexus specific and differs from the standard value of 9.

CTA

CONTACT INFORMATION

Pos: 1550

Max: 1

Mandatory

Group: 33

Elements: 2

Group Path: Group 18-Group 32-Group 33
User Option (Usage): GTN Required
Function: To identify a person or a department to whom communication should be directed.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CTA010	3139	Contact function code	C	an	1/3	GTN Optional
Description: Code specifying the function of a contact (e.g. department or person).						
Information:						
HG Hazardous Contact Name						
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS	C	Comp		GTN Optional
Description: Code and/or name of a department or employee. Code preferred.						
CTA020-010	3413	Department or employee identification	C	an	1/17	GTN Optional
Description: Internal identification code.						
Information:						
Not used by Infor Nexus.						
CTA020-020	3412	Department or employee	C	an	1/35	GTN Optional
Description: The department or person within an organizational entity.						

Note 1:
Sample Segment:
CTA+HG+: HAZARDOUS CONTACT NAME'

COM**COMMUNICATION CONTACT**

Pos: 1560	Max: 3
Conditional	
Group: 33	Elements: 1

Group Path: Group 18-Group 32-Group 33**User Option (Usage):** GTN Optional**Function:** To identify a communication number of a department or a person to whom communication should be directed.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT	M	Comp		GTN Required
		Description: Communication number of a department or employee in a specified channel.				
COM010-010	3148	Communication number	M	an	1/512	GTN Required
		Description: The communication number.				
		Information:				
		<communication number> (qualified by COM010-2)				
COM010-020	3155	Communication number code qualifier	M	an	1/3	GTN Required
		Description: Code qualifying the communication number.				
		Information:				
		EM Email				
		FX Fax				
		TE Telephone				

Note 1:**Comments:**

1. Contact information detailed in the COM segment pertains to the primary customer documentation contact identified in the preceding CTA segment.
2. The COM segment repeat of 3 is Infor Nexus specific and differs from the standard value of 9.

Sample Segment:

COM+510-747-3240:TE'

COM+hazardous.contact@customer.com:EM'

COM+510-747-3201:FX'

Segment Group 37

Pos: 1650	Repeat: 999
Conditional	
Group: 37	Elements: N/A

User Option (Usage): GTN Optional

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1660	EQD	EQUIPMENT DETAILS	M	1	GTN Required
1690	MEA	MEASUREMENTS	C	6	GTN Optional
1710	SEL	SEAL NUMBER	C	2	GTN Optional
1740	TMP	TEMPERATURE	C	1	GTN Optional
1750	FTX	FREE TEXT	C	3	GTN Optional

Note 1:

Comments:

- 1. The MEA segment max use of 6 is Infor Nexus specific and differs from the standard value of 9.
- 2. The SEL segment max use of 2 is Infor Nexus specific and differs from the standard value of 99.
- 3. The FTX segment max use of 3 is Infor Nexus specific and differs from the standard value of 9.

EQD

EQUIPMENT DETAILS

Pos: 1660	Max: 1
Mandatory	
Group: 37	Elements: 6

Group Path: Group 37**User Option (Usage):** GTN Required**Function:** To identify a unit of equipment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
EQD010	8053	Equipment type code qualifier	M	an	1/3	GTN Required
Description: Code qualifying a type of equipment. Information: CN Container						
EQD020	C237	EQUIPMENT IDENTIFICATION	C	Comp		GTN Required
Description: Marks (letters/numbers) identifying equipment.						
EQD020-010	8260	Equipment identification number	C	an	1/17	GTN Required
Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device. Information: <equipment number> Equipment Number Format: <(4 char equip. prefix) + (6 digit equip. number) + (1 digit equip. number check digit)>						
EQD030	C224	EQUIPMENT SIZE AND TYPE	C	Comp		GTN Required
Description: Code and or name identifying size and type of equipment. Code preferred.						
EQD030-010	8155	Equipment size and type description code	C	an	1/10	GTN Required
Description: Code specifying the size and type of equipment. Information: Check Appendix B for all the container codes that can be sent by Infor Nexus						

Note 1:

Comments:

1. The EQD02-1 min/max length of 6/11 is Infor Nexus specific and differs from the standard min/max of 1/17.

Sample Segment:

EQD+CN+HJSC1234561+22RE'

MEA MEASUREMENTS

Pos: 1690	Max: 6
Conditional	
Group: 37	Elements: 4

Group Path: Group 37

User Option (Usage): GTN Optional

Function: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MEA010	6311	Measurement attribute code	M	an	1/3	GTN Required
Description: Code specifying the measurement attribute. Information: <i>AAE Measurement (used to specify reefer humidity)</i> <i>ABR Certified weight (used to specify certified weight of cargo)</i>						
MEA020	C502	MEASUREMENT DETAILS	C	Comp		GTN Optional
Description: Identification of measurement type.						
MEA020-040	6154	Non-discrete measurement name	C	an	1/70	GTN Optional
Description: Name of a non-discrete measurement. Information: <i>Gross Mass Verification method – the values allowed:</i> <i>"1" - representing Actual weight</i> <i>"2" - representing Calculated weight</i>						
MEA030	C174	VALUE/RANGE	C	Comp		GTN Required
Description: Measurement value and relevant minimum and maximum values of the measurement range.						
MEA030-010	6411	Measurement unit code	M	an	1/3	GTN Required
Description: Code specifying the unit of measurement. Information: <i>Container Weight Qualifiers (MEA020 = 'WT')</i> <i>KGM Kilograms</i> <i>Container Volume Qualifier (MEA020 = 'AAW')</i> <i>MTQ Cubic Meters</i>						
MEA030-020	6314	Measurement value	C	an	1/18	GTN Required
Description: Value of the measured unit. Information: <i><Measurement value qualified by MEA01 and MEA03-1></i>						
MEA030-030	6162	Range minimum	C	n	1/18	GTN Optional
Description: Minimum of a range. Information: <i><Reefer minimum temperature> (minimum allowable temperature for shipment)</i>						
MEA030-040	6152	Range maximum	C	n	1/18	GTN Optional
Description: Maximum of a range. Information: <i><Reefer maximum temperature> (maximum allowable temperature for shipment)</i>						

Note 1:

Comments:

1. The MEA segment max use of 6 is Infor Nexus specific and differs from the standard value of 9.
2. When NAD010 = "WPA" (Segment Group 11), the MEA segment when MEA01 = "ABR" is used to convey information about the certified weight. The

value in MEA02-4 represents the Gross Mass Verification method ("1" & "2") as per SOLAS Regulation 2 Chapter VI §§4-6. For all other MEA01 qualifiers, MEA02-4 is ignored.

Sample Segment:

MEA+AAE+WT+KGM:3000'

MEA+AAE+AAW+ MTQ:58.21'

MEA+ABR+:::1+LBR:1000'

SEL**SEAL NUMBER**

Pos: 1710	Max: 2
Conditional	
Group: 37	Elements: 4

Group Path: Group 37**User Option (Usage):** GTN Optional**Function:** To specify the seal number or a range of seal numbers.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SEL010	9308	Seal number	C	an	1/10	GTN Optional
Description: The number of a custom seal or another seal affixed to the containers or other transport unit. Information: <container seal number>						
SEL020	C215	SEAL ISSUER	C	Comp		GTN Optional
Description: Identification of the issuer of a seal on equipment either by code or by name.						
SEL020-010	9303	Sealing party, coded	C	an	1/3	GTN Optional
Description: Identification of the issuer of the seal number. Information: <i>SH Shipper</i>						

Note 1:**Comments:**

1. The SEL segment maximum repeat 2 is Infor Nexus specific and differs from the standard repeat of 99.
2. The min/max value of 2/10 is Infor Nexus specific and differs from the standard min/max value of 1/10.

Sample Segment:

SEL+CN0567765+SH'

TMP

TEMPERATURE

Pos: 1740

Max: 1

Conditional

Group: 37

Elements: 2

Group Path: Group 37
User Option (Usage): GTN Optional
Function: To specify the temperature setting.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
TMP010	6245	Temperature qualifier	M	an	1/3	GTN Required
Description: A code giving specific meaning to the temperature.						
Information:						
2 Transport Temperature						
TMP020	C239	TEMPERATURE SETTING	C	Comp		GTN Optional
Description: The temperature under which the goods are (to be) stored or shipped.						
TMP020-010	6246	Temperature setting	C	n	3/3	GTN Optional
Description: The actual temperature value in degrees Celsius (e.g. 008, 020).						
TMP020-020	6411	Measurement unit code	C	an	1/3	GTN Optional
Description: Code specifying the unit of measurement.						
Information:						
CEL Celsius						

Note 1:
Sample Segment:
TMP+2+067:CEL'

FTX**FREE TEXT**

Pos: 1750	Max: 3
Group: 37	Elements: 6

Group Path: Group 37**User Option (Usage):** GTN Optional**Function:** To provide free form or coded text information.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject code qualifier	M	an	1/3	GTN Required
Description: Code specifying the subject of the text. Information: <i>AEB Temperature Control Instructions</i>						
FTX030	C107	TEXT REFERENCE	C	Comp		GTN Optional
Description: Coded reference to a standard text and its source.						
FTX030-010	4441	Free text value code	M	an	1/17	GTN Required
Description: Code specifying free form text. Information: <i>Completely Closed Closed</i> <i>25% Open 25</i> <i>50% Open 50</i> <i>75% Open 75</i> <i>100% Open 100</i> <i>When based on Commodity Based On Commodity</i>						
FTX030-020	1131	Code list identification code	C	an	1/3	GTN Optional
Description: Identification of a code list. Information: <i>Not used at Infor Nexus</i>						
FTX040	C108	TEXT LITERAL	C	Comp		GTN Optional
Description: Free text; one to five lines.						
FTX040-010	4440	Free text value	M	an	1/512	GTN Required
Description: Free form text. Information: <i>Atmosphere</i> <i>Humidity</i>						

Note 1:**Comments:**

1. The FTX segment max use of 3 is Infor Nexus specific and differs from the standard value of 9.

Sample Segment:

FTX+AEB+++Atmosphere= Modified

FTX+AEB+++Humidity=90

UNT**MESSAGE TRAILER**

Pos: 2000	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): GTN Required**Function:** To end and check the completeness of a message.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message	M	n	1/10	GTN Required
Description: The number of segments in a message body, plus the message header segment and message trailer segment.						
UNT020	0062	Message reference number	M	an	1/14	GTN Required
Description: Unique message reference assigned by the sender.						

Notes:

1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.

Note 1:**Sample Segment:**

```
UNT+81+00000000003456'
```

UNZ**INTERCHANGE TRAILER**

Pos:	Max: 1
Group: N/A	Mandatory Elements: 2

User Option (Usage): GTN Required**Function:** To end and check the completeness of an interchange.**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNZ010	0036	Interchange control count	M	n	1/6	GTN Required
Description: The number of messages and packages in an interchange or, if used, the number of groups in an interchange.						
UNZ020	0020	Interchange control reference	M	an	1/14	GTN Required
Description: Unique reference assigned by the sender to an interchange.						

Notes:

- 0020, the value shall be identical to the value in 0020 in the corresponding UNB segment.

Note 1:**Sample Segment:**

UNZ+1+00000000001234'

Appendix A:**GID202 codes**

GID202	Packaging Type	Packaging Form
1A	Drum	Drum
1B	Drum	Drum
1D	Drum	Drum
1G	Drum	Drum
2C	Barrel	Barrel
4A	Box	Box
4B	Box	Box
4C	Box	Box
4D	Box	Box
4G	Box	Box
4H	Box	Box
5H	Bag	Bag
5L	Bag	Bag
5M	Bag	Bag
AE	Aerosol	Piece
AM	AmpouleNonProtected	Piece
AP	AmpouleProtected	Piece

AT	Atomizer	Piece
BA	Barrel	Barrel
BB	Pieces	Piece
BC	BottlecrateBottlerack	Bottle
BD	Board	Piece
BE	Bundle	Bundle
BF	BalloonNonProtected	Piece
BG	Bag	Bag
BH	Bunch	Piece
BI	Bin	Bin
BJ	Bucket	Piece
BK	Basket	Piece
BL	Bale	Bale
BN	Bale	Bale
BO	Bottle	Bottle
BP	BalloonProtected	Piece
BQ	BottleProtectedCylindrical	Bottle
BR	Bar	Piece
BS	BottleNonProtectedBulbous	Bottle
BT	Bolt	Piece
BU	Butt	Piece
BV	BottleProtectedBulbous	Bottle
BX	Box	Box
BY	BoardInbundleBunchTruss	Piece
BZ	BarsInbundleBunchTruss	Piece
CA	CanRectangular	Can
CB	Beercrate	Crate
CC	Churn	Piece
CE	Creel	Piece
CF	Coffer	Piece
CG	Cage	Piece
CH	Chest	Piece
CI	Canister	Piece
CJ	Coffin	Piece
CK	Cask	Cask
CL	Coil	Coil
CN	Container	Container
CO	CarboyNonProtected	Carboy
CP	CarboyProtected	Carboy
CR	Crate	Crate

CS	Case	Case
CT	Carton	Carton
CU	Cup	Piece
CV	Cover	Piece
CX	Can	Can
CY	Cylinder	Cylinder
CZ	Canvas	Piece
DB	Crate	Crate
DJ	DemijohnNonProtected	Piece
DP	DemijohnProtected	Piece
DR	Drum	Drum
DT	Tray	Tray
EC	Bag	Bag
EE	Case	Case
EN	Envelope	Piece
FC	Fruitcrate	Crate
FD	Framedcrate	Crate
FI	Firkin	Piece
FL	Flask	Piece
FO	Footlocker	Piece
FP	Filmpack	Piece
FR	Frame	Piece
GB	Gasbottle	Bottle
GI	Girder	Piece
GZ	Girder	Piece
HG	Hogshead	Piece
HR	Hamper	Piece
IH	Drum	Drum
IN	Ingot	Piece
IZ	IngotsInbundleBunchTruss	Piece
JC	JerricanRectangular	Piece
JG	Jug	Piece
JR	Jar	Jar
JT	Jutebag	Piece
JY	JerricanCylindrical	Piece
KG	Keg	Keg
LG	Log	Piece
LT	LOT	Lot
LV	LiftVan	Piece
LZ	LogsInbundleBunchTruss	Piece

<i>MB</i>	<i>Multiplybag</i>	<i>Piece</i>
<i>MS</i>	<i>Multiwallsack</i>	<i>Piece</i>
<i>MT</i>	<i>Mat</i>	<i>Piece</i>
<i>MX</i>	<i>MatchBox</i>	<i>Piece</i>
<i>NA</i>	<i>COLLI</i>	<i>Colli</i>
<i>NE</i>	<i>Pieces</i>	<i>Piece</i>
<i>NG</i>	<i>Unpacked</i>	<i>Piece</i>
<i>NS</i>	<i>Nest</i>	<i>Piece</i>
<i>NT</i>	<i>Net</i>	<i>Piece</i>
<i>PA</i>	<i>Packet</i>	<i>Piece</i>
<i>PB</i>	<i>Pallet</i>	<i>Pallet (Lift)</i>
<i>PC</i>	<i>Parcel</i>	<i>Piece</i>
<i>PE</i>	<i>Pallet</i>	<i>Pallet (Lift)</i>
<i>PG</i>	<i>Pieces</i>	<i>Piece</i>
<i>PH</i>	<i>Pitcher</i>	<i>Piece</i>
<i>PI</i>	<i>Pipe</i>	<i>Piece</i>
<i>PK</i>	<i>Package</i>	<i>Package</i>
<i>PL</i>	<i>Pail</i>	<i>Pail</i>
<i>PN</i>	<i>Plank</i>	<i>Piece</i>
<i>PO</i>	<i>Pouch</i>	<i>Piece</i>
<i>PS</i>	<i>Pieces</i>	<i>Piece</i>
<i>PT</i>	<i>Pot</i>	<i>Piece</i>
<i>PU</i>	<i>Tray</i>	<i>Tray</i>
<i>PX</i>	<i>Pallet</i>	<i>Pallet (Lift)</i>
<i>PY</i>	<i>PlatesInbundleBunchTruss</i>	<i>Piece</i>
<i>PZ</i>	<i>PlanksInbundleBunchTruss</i>	<i>Piece</i>
<i>RD</i>	<i>Rod</i>	<i>Piece</i>
<i>RG</i>	<i>Ring</i>	<i>Piece</i>
<i>RJ</i>	<i>Rack</i>	<i>Rack</i>
<i>RK</i>	<i>Rack</i>	<i>Rack</i>
<i>RL</i>	<i>Reel</i>	<i>Reel</i>
<i>RO</i>	<i>Roll</i>	<i>Roll</i>
<i>RT</i>	<i>Rednet</i>	<i>Piece</i>
<i>RZ</i>	<i>RodsInbundleBunchTruss</i>	<i>Piece</i>
<i>SA</i>	<i>Sack</i>	<i>Sack</i>
<i>SC</i>	<i>Shallowcrate</i>	<i>Crate</i>
<i>SD</i>	<i>Spindle</i>	<i>Piece</i>
<i>SE</i>	<i>SeaChest</i>	<i>Piece</i>
<i>SH</i>	<i>Sachet</i>	<i>Piece</i>
<i>SI</i>	<i>Skid</i>	<i>Skid</i>

SK	Skeletoncase	Case
SL	Slip	Piece
SM	Sheetmetal	Piece
SP	Sheet	Sheet
ST	Sheet	Sheet
SU	Suitcase	Piece
SW	Shrinkwrapped	Piece
SX	Set	Set
SZ	SheetsInbundleBunchTruss	Sheet
TB	Tub	Piece
TC	TeaChest	Piece
TD	TubeCollapsible	Tube
TK	Tank	Tank
TN	Tin	Piece
TO	Tun	Piece
TR	Trunck	Piece
TS	Truss	Piece
TU	Tube	Tube
TY	Tank	Tank
TZ	TubesInbundleBunchTruss	Tube
UN	Units	Unit
VA	Vat	Piece
VG	BulkGas	Bulk
VI	Vial	Piece
VL	BulkLiquid	Bulk
VO	BulkSolidLargeParticles	Bulk
VP	VacuumPacked	Piece
VQ	BulkLiquefiedGas	Bulk
VR	BulkSolidLargeParticles	Bulk
VY	BulkSolidFineParticles	Bulk
WA	Liquid Bulk	Piece
WB	Wickerbottle	Piece
WC	Crate	Crate
WE	Case	Case
X3	Drum	Drum
X4	Drum	Drum
XF	Pallet	Pallet (Lift)
XG	Pallet	Pallet (Lift)
ZB	BIG BAG(S)	Big Bag
ZU	FLEXITANK	Flexitank

EQD030 codes

<i>20' DC</i>	<i>20' Standard Dry</i>
<i>40' DC</i>	<i>40' Standard Dry</i>
<i>45' DC</i>	<i>45' Standard Dry</i>
<i>48' DC</i>	<i>48' Standard Dry</i>
<i>53' DC</i>	<i>53' Standard Dry</i>
<i>24' DC</i>	<i>24' Standard Dry</i>
<i>OS DC</i>	<i>Oversized Standard Dry</i>
<i>20' HC</i>	<i>20' High Cube Dry</i>
<i>40' HC</i>	<i>40' High Cube Dry</i>
<i>45' HC</i>	<i>45' High Cube Dry</i>
<i>48' HC</i>	<i>48' High Cube Dry</i>
<i>53' HC</i>	<i>53' High Cube Dry</i>
<i>24' HC</i>	<i>24' High Cube Dry</i>
<i>OS HC</i>	<i>Oversized High Cube Dry</i>
<i>20' RE</i>	<i>20' Reefer</i>
<i>40' RE</i>	<i>40' Reefer</i>
<i>45' RE</i>	<i>45' Reefer</i>
<i>48' RE</i>	<i>48' Reefer</i>
<i>53' RE</i>	<i>53' Reefer</i>
<i>24' RE</i>	<i>24' Reefer</i>
<i>OS RE</i>	<i>Oversized Reefer</i>
<i>20' HR</i>	<i>20' High Cube Reefer</i>
<i>40' HR</i>	<i>40' High Cube Reefer</i>
<i>45' HR</i>	<i>45' High Cube Reefer</i>
<i>48' HR</i>	<i>48' High Cube Reefer</i>
<i>53' HR</i>	<i>53' High Cube Reefer</i>
<i>24' HR</i>	<i>24' High Cube Reefer</i>
<i>OS HR</i>	<i>Oversized High Cube Reefer</i>
<i>20' FR/PL</i>	<i>20' Flat Rack/Platform</i>
<i>40' FR/PL</i>	<i>40' Flat Rack/Platform</i>
<i>45' FR/PL</i>	<i>45' Flat Rack/Platform</i>
<i>48' FR/PL</i>	<i>48' Flat Rack/Platform</i>
<i>53' FR/PL</i>	<i>53' Flat Rack/Platform</i>
<i>24' FR/PL</i>	<i>24' Flat Rack/Platform</i>
<i>OS FR/PL</i>	<i>Oversized Flat Rack/Platform</i>
<i>20' OT</i>	<i>20' Open Top</i>

40' OT	40' Open Top
45' OT	45' Open Top
48' OT	48' Open Top
53' OT	53' Open Top
24' OT	24' Open Top
OS OT	Oversized Open Top
20' T	20' Tank
40' T	40' Tank
45' T	45' Tank
48' T	48' Tank
53' T	53' Tank
24' T	24' Tank
OS T	Oversized Tank
20' NOR	20' Non Operating Reefer
40' NOR	40' Non Operating Reefer
45' NOR	45' Non Operating Reefer
48' NOR	48' Non Operating Reefer
53' NOR	53' Non Operating Reefer
24' NOR	24' Non Operating Reefer
OS NOR	Oversized Non Operating Reefer
20' HNOR	20' High Cube Non Operating Reefer
40' HNOR	40' High Cube Non Operating Reefer
45' HNOR	45' High Cube Non Operating Reefer
48' HNOR	48' High Cube Non Operating Reefer
53' HNOR	53' High Cube Non Operating Reefer
24' HNOR	24' High Cube Non Operating Reefer
OS HNOR	Oversized High Cube Non Operating Reefer
20' TR	20' Trailer
40' TR	40' Trailer
45' TR	45' Trailer
48' TR	48' Trailer
53' TR	53' Trailer
24' TR	24' Trailer
OS TR	Oversized Trailer
20' RTR	20' Insulated Trailer
40' RTR	40' Insulated Trailer
45' RTR	45' Insulated Trailer
48' RTR	48' Insulated Trailer
53' RTR	53' Insulated Trailer
24' RTR	24' Insulated Trailer

<i>OS RTR</i>	<i>Oversized Insulated Trailer</i>
<i>20' FB</i>	<i>20' Flatbed</i>
<i>40' FB</i>	<i>40' Flatbed</i>
<i>45' FB</i>	<i>45' Flatbed</i>
<i>48' FB</i>	<i>48' Flatbed</i>
<i>53' FB</i>	<i>53' Flatbed</i>
<i>24' FB</i>	<i>24' Flatbed</i>
<i>OS FB</i>	<i>Oversized Flatbed</i>
<i>20' XFB</i>	<i>20' Expandable Flatbed</i>
<i>40' XFB</i>	<i>40' Expandable Flatbed</i>
<i>45' XFB</i>	<i>45' Expandable Flatbed</i>
<i>48' XFB</i>	<i>48' Expandable Flatbed</i>
<i>53' XFB</i>	<i>53' Expandable Flatbed</i>
<i>24' XFB</i>	<i>24' Expandable Flatbed</i>
<i>OS XFB</i>	<i>Oversized Expandable Flatbed</i>
<i>20' LFB</i>	<i>20' Low Boy Flatbed</i>
<i>40' LFB</i>	<i>40' Low Boy Flatbed</i>
<i>45' LFB</i>	<i>45' Low Boy Flatbed</i>
<i>48' LFB</i>	<i>48' Low Boy Flatbed</i>
<i>53' LFB</i>	<i>53' Low Boy Flatbed</i>
<i>24' LFB</i>	<i>24' Low Boy Flatbed</i>
<i>OS LFB</i>	<i>Oversized Low Boy Flatbed</i>
<i>20' TT</i>	<i>20' Tank Trailer</i>
<i>40' TT</i>	<i>40' Tank Trailer</i>
<i>45' TT</i>	<i>45' Tank Trailer</i>
<i>48' TT</i>	<i>48' Tank Trailer</i>
<i>53' TT</i>	<i>53' Tank Trailer</i>
<i>24' TT</i>	<i>24' Tank Trailer</i>
<i>OS TT</i>	<i>Oversized Tank Trailer</i>
<i>20' DR</i>	<i>20' Dual Reefer</i>
<i>40' DR</i>	<i>40' Dual Reefer</i>
<i>45' DR</i>	<i>45' Dual Reefer</i>
<i>48' DR</i>	<i>48' Dual Reefer</i>
<i>53' DR</i>	<i>53' Dual Reefer</i>
<i>24' DR</i>	<i>24' Dual Reefer</i>
<i>OS DR</i>	<i>Oversized Dual Reefer</i>
<i>20' GOH</i>	<i>20' Standard GOH</i>
<i>40' GOH</i>	<i>40' Standard GOH</i>
<i>45' GOH</i>	<i>45' Standard GOH</i>
<i>48' GOH</i>	<i>48' Standard GOH</i>

53' GOH	53' Standard GOH
24' GOH	24' Standard GOH
OS GOH	Oversized Standard GOH
20' GOH	20' High Cube GOH
40' GOH	40' High Cube GOH
45' GOH	45' High Cube GOH
48' GOH	48' High Cube GOH
53' GOH	53' High Cube GOH
24' GOH	24' High Cube GOH
OS GOH	Oversized High Cube GOH
20' B	20' Bulk
40' B	40' Bulk
45' B	45' Bulk
48' B	48' Bulk
53' B	53' Bulk
24' B	24' Bulk
OS B	Oversized Bulk
20' I	20' Insulated
40' I	40' Insulated
45' I	45' Insulated
48' I	48' Insulated
53' I	53' Insulated
24' I	24' Insulated
OS I	Oversized Insulated
20' BP	20' Bulk Pressurized
40' BP	40' Bulk Pressurized
45' BP	45' Bulk Pressurized
48' BP	48' Bulk Pressurized
53' BP	53' Bulk Pressurized
24' BP	24' Bulk Pressurized
OS BP	Oversized Bulk Pressurized
20' BNP	20' Bulk Non-pressurized
40' BNP	40' Bulk Non-pressurized
45' BNP	45' Bulk Non-pressurized
48' BNP	48' Bulk Non-pressurized
53' BNP	53' Bulk Non-pressurized
24' BNP	24' Bulk Non-pressurized
OS BNP	Oversized Bulk Non-pressurized
20' FC	20' Flat Rack Collapsible
40' FC	40' Flat Rack Collapsible

45' FC	45' Flat Rack Collapsible
48' FC	48' Flat Rack Collapsible
53' FC	53' Flat Rack Collapsible
24' FC	24' Flat Rack Collapsible
OS FC	Oversized Flat Rack Collapsible
20' ITDL	20' Isotank Dangerous Liquid
40' ITDL	40' Isotank Dangerous Liquid
45' ITDL	45' Isotank Dangerous Liquid
48' ITDL	48' Isotank Dangerous Liquid
53' ITDL	53' Isotank Dangerous Liquid
24' ITDL	24' Isotank Dangerous Liquid
OS ITDL	Oversized Isotank Dangerous Liquid
20' ITG	20' Isotank Gas
40' ITG	40' Isotank Gas
45' ITG	45' Isotank Gas
48' ITG	48' Isotank Gas
53' ITG	53' Isotank Gas
24' ITG	24' Isotank Gas
OS ITG	Oversized Isotank Gas
20' V	20' Vented
40' V	40' Vented
45' V	45' Vented
48' V	48' Vented
53' V	53' Vented
24' V	24' Vented
OS V	Oversized Vented
20' AT	20' Artificial Tweendeck
40' AT	40' Artificial Tweendeck
45' AT	45' Artificial Tweendeck
48' AT	48' Artificial Tweendeck
53' AT	53' Artificial Tweendeck
24' AT	24' Artificial Tweendeck
OS AT	Oversized Artificial Tweendeck
20' OSOT	20' Open Side Open Top
40' OSOT	40' Open Side Open Top
45' OSOT	45' Open Side Open Top
48' OSOT	48' Open Side Open Top
53' OSOT	53' Open Side Open Top
24' OSOT	24' Open Side Open Top
OS OSOT	Oversized Open Side Open Top

20' X8D	20' X 8' Standard Dry
40' X8D	40' X 8' Standard Dry
45' X8D	45' X 8' Standard Dry
48' X8D	48' X 8' Standard Dry
53' X8D	53' X 8' Standard Dry
24' X8D	24' X 8' Standard Dry
OS X8D	Oversized X 8' Standard Dry
20' HHFC	20' Half Height Framed Cylinder
40' HHFC	40' Half Height Framed Cylinder
45' HHFC	45' Half Height Framed Cylinder
48' HHFC	48' Half Height Framed Cylinder
53' HHFC	53' Half Height Framed Cylinder
24' HHFC	24' Half Height Framed Cylinder
OS HHFC	Oversized Half Height Framed Cylinder
20' ACT	20' Auto Carrier with Track
40' ACT	40' Auto Carrier with Track
45' ACT	45' Auto Carrier with Track
48' ACT	48' Auto Carrier with Track
53' ACT	53' Auto Carrier with Track
24' ACT	24' Auto Carrier with Track
OS ACT	Oversized Auto Carrier with Track
20' HHD	20' Half Height Standard Dry
40' HHD	40' Half Height Standard Dry
45' HHD	45' Half Height Standard Dry
48' HHD	48' Half Height Standard Dry
53' HHD	53' Half Height Standard Dry
24' HHD	24' Half Height Standard Dry
OS HHD	Oversized Half Height Standard Dry
20' RO	20' Roll-on Roll-off
40' RO	40' Roll-on Roll-off
45' RO	45' Roll-on Roll-off
48' RO	48' Roll-on Roll-off
53' RO	53' Roll-on Roll-off
24' RO	24' Roll-on Roll-off
RORO	Oversized Roll-on Roll-off
20' RB	20' Break Bulk
40' RB	40' Break Bulk
45' RB	45' Break Bulk
48' RB	48' Break Bulk
53' RB	53' Break Bulk

24' RB	24' Break Bulk
BreakBulk	Breakbulk Shipment
20' GOHB	20' GOH Bar
40' GOHB	40' GOH Bar
45' GOHB	45' GOH Bar
48' GOHB	48' GOH Bar
53' GOHB	53' GOH Bar
24' GOHB	24' GOH Bar
OS GOHB	Oversized GOH Bar
20' GOHS	20' GOH String
40' GOHS	40' GOH String
45' GOHS	45' GOH String
48' GOHS	48' GOH String
53' GOHS	53' GOH String
24' GOHS	24' GOH String
OS GOHS	Oversized GOH String
20' HT	20' Hard Top
40' HT	40' Hard Top
45' HT	45' Hard Top
48' HT	48' Hard Top
53' HT	53' Hard Top
24' HT	24' Hard Top
OS HT	Oversized Hard Top
20' LB	20' Standard Dry with Linerbag
40' LB	40' Standard Dry with Linerbag
45' LB	45' Standard Dry with Linerbag
48' LB	48' Standard Dry with Linerbag
53' LB	53' Standard Dry with Linerbag
24' LB	24' Standard Dry with Linerbag
OS LB	Oversized Standard Dry with Linerbag
20' PW	20' Pallet Wide
40' PW	40' Pallet Wide
45' PW	45' Pallet Wide
48' PW	48' Pallet Wide
53' PW	53' Pallet Wide
24' PW	24' Pallet Wide
OS PW	Oversized Pallet Wide
20' HTHC	20' High Cube Hard Top
40' HTHC	40' High Cube Hard Top
45' HTHC	45' High Cube Hard Top

48' HTHC	48' High Cube Hard Top
53' HTHC	53' High Cube Hard Top
24' HTHC	24' High Cube Hard Top
OS HTHC	Oversized High Cube Hard Top
20' FFE	20' Flat Rack Fixed Ends
40' FFE	40' Flat Rack Fixed Ends
45' FFE	45' Flat Rack Fixed Ends
48' FFE	48' Flat Rack Fixed Ends
53' FFE	53' Flat Rack Fixed Ends
24' FFE	24' Flat Rack Fixed Ends
OS FFE	Oversized Flat Rack Fixed Ends
20' HG	20' High Cube Garment
40' HG	40' High Cube Garment
45' HG	45' High Cube Garment
48' HG	48' High Cube Garment
53' HG	53' High Cube Garment
24' HG	24' High Cube Garment
OS HG	Oversized High Cube Garment
20' HFC	20' High Cube Flat Rack Collapsible
40' HFC	40' High Cube Flat Rack Collapsible
45' HFC	45' High Cube Flat Rack Collapsible
48' HFC	48' High Cube Flat Rack Collapsible
53' HFC	53' High Cube Flat Rack Collapsible
24' HFC	24' High Cube Flat Rack Collapsible
OS HFC	Oversized High Cube Flat Rack Collapsible
20' HW	20' High Cube Wide
40' HW	40' High Cube Wide
45' HW	45' High Cube Wide
48' HW	48' High Cube Wide
53' HW	53' High Cube Wide
24' HW	24' High Cube Wide
OS HW	Oversized High Cube Wide
20' TNOR	20' Tall Non Operating Reefer
40' TNOR	40' Tall Non Operating Reefer
45' TNOR	45' Tall Non Operating Reefer
48' TNOR	48' Tall Non Operating Reefer
53' TNOR	53' Tall Non Operating Reefer
24' TNOR	24' Tall Non Operating Reefer
OS TNOR	Oversized Tall Non Operating Reefer
20' TAR	20' Tall Reefer

40' TAR	40' Tall Reefer
45' TAR	45' Tall Reefer
48' TAR	48' Tall Reefer
53' TAR	53' Tall Reefer
24' TAR	24' Tall Reefer
OS TAR	Oversized Tall Reefer
20' HCV	20' High Cube Ventilated
40' HCV	40' High Cube Ventilated
45' HCV	45' High Cube Ventilated
48' HCV	48' High Cube Ventilated
53' HCV	53' High Cube Ventilated
24' HCV	24' High Cube Ventilated
OS HCV	Oversized High Cube Ventilated
20' LCL	20' LCL
40' LCL	40' LCL
45' LCL	45' LCL
48' LCL	48' LCL
53' LCL	53' LCL
24' LCL	24' LCL
LCL	LCL Shipment
20' ANYD	20' Any Height Dry
40' ANYD	40' Any Height Dry
45' ANYD	45' Any Height Dry
48' ANYD	48' Any Height Dry
53' ANYD	53' Any Height Dry
24' ANYD	24' Any Height Dry
OS ANYD	Oversized Any Height Dry
20' ANYR	20' Any Height Reefer
40' ANYR	40' Any Height Reefer
45' ANYR	45' Any Height Reefer
48' ANYR	48' Any Height Reefer
53' ANYR	53' Any Height Reefer
24' ANYR	24' Any Height Reefer
OS ANYR	Oversized Any Height Reefer
20' FG	20' Standard Food Grade Dry
40' FG	40' Standard Food Grade Dry
45' FG	45' Standard Food Grade Dry
48' FG	48' Standard Food Grade Dry
53' FG	53' Standard Food Grade Dry
24' FG	24' Standard Food Grade Dry

<i>OS FG</i>	<i>Oversized Standard Food Grade Dry</i>
<i>20' HCFG</i>	<i>20' High Cube Food Grade Dry</i>
<i>40' HCFG</i>	<i>40' High Cube Food Grade Dry</i>
<i>45' HCFG</i>	<i>45' High Cube Food Grade Dry</i>
<i>48' HCFG</i>	<i>48' High Cube Food Grade Dry</i>
<i>53' HCFG</i>	<i>53' High Cube Food Grade Dry</i>
<i>24' HCFG</i>	<i>24' High Cube Food Grade Dry</i>
<i>OS HCFG</i>	<i>Oversized High Cube Food Grade Dry</i>
<i>20' FGR</i>	<i>20' Food Grade Dry Reefer</i>
<i>40' FGR</i>	<i>40' Food Grade Dry Reefer</i>
<i>45' FGR</i>	<i>45' Food Grade Dry Reefer</i>
<i>48' FGR</i>	<i>48' Food Grade Dry Reefer</i>
<i>53' FGR</i>	<i>53' Food Grade Dry Reefer</i>
<i>24' FGR</i>	<i>24' Food Grade Dry Reefer</i>
<i>OS FGR</i>	<i>Oversized Food Grade Dry Reefer</i>
<i>20' HFGR</i>	<i>20' High Cube Food Grade Dry Reefer</i>
<i>40' HFGR</i>	<i>40' High Cube Food Grade Dry Reefer</i>
<i>45' HFGR</i>	<i>45' High Cube Food Grade Dry Reefer</i>
<i>48' HFGR</i>	<i>48' High Cube Food Grade Dry Reefer</i>
<i>53' HFGR</i>	<i>53' High Cube Food Grade Dry Reefer</i>
<i>24' HFGR</i>	<i>24' High Cube Food Grade Dry Reefer</i>
<i>OS HFGR</i>	<i>Oversized High Cube Food Grade Dry Reefer</i>
<i>20' HFR</i>	<i>20' High Cube Flat Rack</i>
<i>40' HFR</i>	<i>40' High Cube Flat Rack</i>
<i>45' HFR</i>	<i>45' High Cube Flat Rack</i>
<i>48' HFR</i>	<i>48' High Cube Flat Rack</i>
<i>53' HFR</i>	<i>53' High Cube Flat Rack</i>
<i>24' HFR</i>	<i>24' High Cube Flat Rack</i>
<i>OS HFR</i>	<i>Oversized High Cube Flat Rack</i>

Appendix B:

Common Scenarios and Sample Files

1. General Case:

UNB+UNOC:2+GTNEXUS:ZZZ+RECEIVE R:ZZZ+121203:0040+35404339'

UNH+1+IFTMIN:D:99B:UN'

BGM+340+TEST35404339:2.0+9'

DTM+137:201212030040:203'

TSR+30+2'

FTX+AAI+++Container data repeated - remove if appropriate'

FTX+AAI+++MAIN CARRIAGE?: MSC M TILDE'

FTX+AAI+++UCR?: 2GB262805853000-3 01580895'

FTX+AAI+++SO#0101141363 Please provide a duly Authenticated Copy of'

FTX+AAI+++the appropriate proof of export document showing all '
 FTX+AAI+++details where applicable i.e Feeder & Ocean Vessel Sailing '
 FTX+AAI+++names, sailing dates, sailing and arrival ports. I/We '
 FTX+AAI+++hereby declare that the above particulars are correct and '
 FTX+AAI+++agree to your published regulations and Conditions '
 FTX+AAI+++including those as to liability. '
 CNT+7:386406.82:KGM'
 CNT+15:652.1:MTQ'
 CNT+16:20'
 RFF+BN:TESTGTNL0064863'
 RFF+ERN:12877837156'
 RFF+SI:4988577'
 RFF+ON:4901953479'
 CPI+4++P'
 TDT+20+000+1++MSCU:172+++:::JANA'
 LOC+88+GBGRG::6:GRANGEMOUTH'
 LOC+9+BEANR::6:ANTWERP'
 LOC+11+USNYC::6:NEW YORK PORT NY'
 LOC+7+USNYC::6:NEW YORK PORT NY'
 NAD+CZ+821838:160:ZZZ++SHIPPER+PO Box 58182:Amsterdam 1040HD NL'
 NAD+CN++++CONSIGNEE+200 DUNN ROAD:LYONS:UNITED STATES 14489 '
 NAD+NI++++NOTIFY PARTYI+Broadway 2775:Buffalo:UNITED STATES 14227 '
 NAD+HI+821838:160:ZZZ++SUBMITTER+..LEVEN '
 CTA+IC+:contact name'
 COM+01333 12345:TE'
 COM+contact.name@customer.com:EM'
 DOC+710+:26'
 NAD+CA+SCAC:160:ZZZ++CARRIER NAME+Address Details'
 GID+1+250:CS::6:Case'
 FTX+AAA+++Net Weight?: 2841.000'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Black 1L 12Y'
 FTX+AAA+++12x01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:4487.5'
 MEA+AAE+AAW+MTQ:6.5'
 PCI++NA PO?: 4901953479 Customer PO?: 4500:244879 FDA PC?:21 CFR 170.3(N)(2)'
 SGP+ABCD7826690+250'
 MEA+AAE+AAW+MTQ:6.5'
 MEA+AAE+WT+KGM:4487.5'
 GID+2+20:CS::6:Case'
 FTX+AAA+++Net Weight?: 169.920'
 FTX+AAA+++Kilograms'
 FTX+AAA+++Dabwhinnie 15Yo 75cl 15Y'
 FTX+AAA+++12X01 YRC'
 FTX+AAA+++ABV43.00%'
 MEA+AAE+WT+KGM:331.0'
 MEA+AAE+AAW+MTQ:0.58'
 SGP+ABCD7826690+20'
 MEA+AAE+AAW+MTQ:0.58'
 MEA+AAE+WT+KGM:331.0'
 GID+3+37:CS::6:Case'
 FTX+AAA+++Net Weight?: 293.040'
 FTX+AAA+++Kilograms'
 FTX+AAA+++Talisker 10Yo 75cl 10Y'
 FTX+AAA+++12X01'
 FTX+AAA+++ABV45.80%'
 MEA+AAE+WT+KGM:577.533'
 MEA+AAE+AAW+MTQ:1.443'
 SGP+ABCD7826690+37'
 MEA+AAE+AAW+MTQ:1.443'
 MEA+AAE+WT+KGM:577.533'

GID+4+80:CS::6:Case'
 FTX+AAA+++Net Weight?: 795.840'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J?+B Rare 1.75L'
 FTX+AAA+++06X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:1448.8'
 MEA+AAE+AAW+MTQ:2.64'
 SGP+ABCD7826690+80'
 MEA+AAE+AAW+MTQ:2.64'
 MEA+AAE+WT+KGM:1448.8'
 GID+5+14:CS::6:Case'
 FTX+AAA+++Net Weight?: 119.280'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J?+B Rare 75cl'
 FTX+AAA+++12X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:208.6'
 MEA+AAE+AAW+MTQ:0.35'
 SGP+ABCD7826690+14'
 MEA+AAE+AAW+MTQ:0.35'
 MEA+AAE+WT+KGM:208.6'
 GID+6+128:CS::6:Case'
 FTX+AAA+++Net Weight?: 1090.560'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Red 75cl'
 FTX+AAA+++12X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:1740.928'
 MEA+AAE+AAW+MTQ:2.432'
 SGP+ABCD7826690+128'
 MEA+AAE+AAW+MTQ:2.432'
 MEA+AAE+WT+KGM:1740.928'
 GID+7+20:CS::6:Case'
 FTX+AAA+++Net Weight?: 170.400'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Red 37.5c'
 FTX+AAA+++24X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:339.2'
 MEA+AAE+AAW+MTQ:0.46'
 SGP+ABCD7826690+20'
 MEA+AAE+AAW+MTQ:0.46'
 MEA+AAE+WT+KGM:339.2'
 GID+8+24:CS::6:Case'
 FTX+AAA+++Net Weight?: 204.480'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Red 37.5c'
 FTX+AAA+++24X01 SQ'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:398.4'
 MEA+AAE+AAW+MTQ:0.552'
 SGP+ABCD7826690+24'
 MEA+AAE+AAW+MTQ:0.552'
 MEA+AAE+WT+KGM:398.4'
 GID+9+104:CS::6:Case'
 FTX+AAA+++Net Weight?: 1033.968'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Black 1.75L 12Y'
 FTX+AAA+++06X01 YRC'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:1959.36'

MEA+AAE+AAW+MTQ:2.808'
 SGP+ABCD7826690+104'
 MEA+AAE+AAW+MTQ:2.808'
 MEA+AAE+WT+KGM:1959.36'
 GID+10+10:CS::6:Case'
 FTX+AAA+++Net Weight?: 113.640'
 FTX+AAA+++Kilograms'
 FTX+AAA+++White Horse Fo 1L'
 FTX+AAA+++12X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:185.3'
 MEA+AAE+AAW+MTQ:0.36'
 SGP+ABCD7826690+10'
 MEA+AAE+AAW+MTQ:0.36'
 MEA+AAE+WT+KGM:185.3'
 GID+11+10:CS::6:Case'
 FTX+AAA+++Net Weight?: 85.200'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Black 37.5c 12Y'
 FTX+AAA+++24X01 Flsk'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:169.6'
 MEA+AAE+AAW+MTQ:0.23'
 SGP+ABCD7826690+10'
 MEA+AAE+AAW+MTQ:0.23'
 MEA+AAE+WT+KGM:169.6'
 GID+12+20:CS::6:Case'
 FTX+AAA+++Net Weight?: 85.200'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J?+B Rare 37.5c'
 FTX+AAA+++12X01 FLASK'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:173.0'
 MEA+AAE+AAW+MTQ:0.24'
 SGP+ABCD7826690+20'
 MEA+AAE+AAW+MTQ:0.24'
 MEA+AAE+WT+KGM:173.0'
 GID+13+36:CS::6:Case'
 FTX+AAA+++Net Weight?: 314.928'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Gold 75cl 18Y'
 FTX+AAA+++12X01 YRC'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:795.24'
 MEA+AAE+AAW+MTQ:1.872'
 SGP+ABCD7826690+36'
 MEA+AAE+AAW+MTQ:1.872'
 MEA+AAE+WT+KGM:795.24'
 GID+14+110:CS::6:Case'
 FTX+AAA+++Net Weight?: 1250.040'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J?+B Rare 1L'
 FTX+AAA+++12X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:2084.5'
 MEA+AAE+AAW+MTQ:3.52'
 SGP+ABCD7826690+110'
 MEA+AAE+AAW+MTQ:3.52'
 MEA+AAE+WT+KGM:2084.5'
 GID+15+55:CS::6:Case'
 FTX+AAA+++Net Weight?: 234.300'
 FTX+AAA+++Kilograms'

FTX+AAA+++J Wlkr Blue 75cl'
 FTX+AAA+++06X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:907.5'
 MEA+AAE+AAW+MTQ:1.98'
 SGP+ABCD7826690+55'
 MEA+AAE+AAW+MTQ:1.98'
 MEA+AAE+WT+KGM:907.5'
 GID+16+30:CS::6:Case'
 FTX+AAA+++Net Weight?: 298.260'
 FTX+AAA+++Kilograms'
 FTX+AAA+++White Horse Fo 1.75L'
 FTX+AAA+++06X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:543.3'
 MEA+AAE+AAW+MTQ:0.99'
 SGP+ABCD7826690+30'
 MEA+AAE+AAW+MTQ:0.99'
 MEA+AAE+WT+KGM:543.3'
 GID+17+130:CS::6:Case'
 FTX+AAA+++Net Weight?: 1107.600'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Black 75cl 12Y'
 FTX+AAA+++12X01 YRC'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:1826.5'
 MEA+AAE+AAW+MTQ:3.77'
 SGP+ABCD7826690+130'
 MEA+AAE+AAW+MTQ:3.77'
 MEA+AAE+WT+KGM:1826.5'
 GID+18+6:CS::6:Case'
 FTX+AAA+++Net Weight?: 68.184'
 FTX+AAA+++Kilograms'
 FTX+AAA+++Dimple 15Yo 1L 15Y'
 FTX+AAA+++12X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:126.18'
 MEA+AAE+AAW+MTQ:0.264'
 SGP+ABCD7826690+6'
 MEA+AAE+AAW+MTQ:0.264'
 MEA+AAE+WT+KGM:126.18'
 GID+19+30:CS::6:Case'
 FTX+AAA+++Net Weight?: 169.200'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J?+B Rare 5cl'
 FTX+AAA+++10X12 PET'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:221.1'
 MEA+AAE+AAW+MTQ:0.51'
 SGP+ABCD7826690+30'
 MEA+AAE+AAW+MTQ:0.51'
 MEA+AAE+WT+KGM:221.1'
 GID+20+48:CS::6:Case'
 FTX+AAA+++Net Weight?: 408.960'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Black 37.5c 12Y'
 FTX+AAA+++24X01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:796.8'
 MEA+AAE+AAW+MTQ:1.104'
 SGP+ABCD7826690+48'
 MEA+AAE+AAW+MTQ:1.104'

MEA+AAE+WT+KGM:796.8'
 EQD+CN+ABCD7826690'
 MEA+AAE+WT+KGM:19320.341'
 MEA+AAE+AAW+MTQ:32.605'
 SEL+DTP26884+SH'
 UNT+262+1'
 UNZ+1+35404339'

2. The sample to illustrate Safety of Life at Sea (SOLAS) treaty requirements

UNB+UNOC:2+GTNEXUS:ZZZ+RECEIVER:ZZZ+121203:0040+35404338'
 UNH+2+IFTMIN:D:99B:UN'
 BGM+340+TEST35404339:2.0+9'
 DTM+137:201212030040:203'
 TSR+30+2'
 FTX+AAI+++Container data repeated - remove if appropriate'
 FTX+AAI+++MAIN CARRIAGE?: MSC MATILDE'
 FTX+AAI+++UCR?: 2GB262805853000-3001580895'
 FTX+AAI+++SO#0101141363 Please provide a duly Authenticated Copy of'
 FTX+AAI+++the appropriate proof of export document showing all'
 FTX+AAI+++details where applicable i.e Feeder & Ocean Vessel Sailing'
 FTX+AAI+++names, sailing dates, sailing and arrival ports. I/We'
 FTX+AAI+++hereby declare that the above particulars are correct and'
 FTX+AAI+++agree to your published regulations and Conditions'
 FTX+AAI+++including those as to liability.'
 CNT+7:386406.82:KGM'
 CNT+15:652.1:MTQ'
 CNT+16:20'
 RFF+BN:TESTGTNL0064863'
 RFF+ERN:12877837156'
 RFF+SI:4988577'
 RFF+ON:4901953479'
 CPI+4++P'
 TDT+20+000+1++MSCU:172++++:JANA'
 LOC+88+GBGRG::6:GRANGEMOUTH'
 LOC+9+BEANR::6:ANTWERP'
 LOC+11+USNYC::6:NEW YORK PORT NY'
 LOC+7+USNYC::6:NEW YORK PORT NY'
 NAD+CZ+821838:160:ZZZ++SHIPPER+PO Box 58182:Amsterdam 1040HD NL'
 NAD+CN+++CONSIGNEE+200 DUNN ROAD:LYONS:UNITED STATES 14489'
 NAD+WPA+++VGM COMPANY NAME+VGM ADDRESS1:VGM ADDRESS2:VGM ADDRESS3'
 CTA+RP+:VGM CONTACT NAME'
 COM+555-555-5555:TE'
 COM+VGMCONTACTNAME@vgmname.com:EM'
 NAD+HI+821838:160:ZZZ++SUBMITTER+:LEVEN'
 CTA+IC+:contact name'
 COM+01333 12345:TE'
 COM+contact.name@customer.com:EM'
 DOC+710+:26'
 NAD+CA+SCAC:160:ZZZ++CARRIER NAME+Address Details'
 GID+1+250:CS::6:Case'
 FTX+AAA+++Net Weight?: 2841.000'
 FTX+AAA+++Kilograms'
 FTX+AAA+++J Wlkr Black 1L 12Y'
 FTX+AAA+++12x01'
 FTX+AAA+++ABV40.00%'
 MEA+AAE+WT+KGM:4487.5'
 MEA+AAE+AAW+MTQ:6.5'
 PCI++NA PO?: 4901953479 Customer PO?: 4500:244879 FDA PC?:21 CFR 170.3(N)(2)'
 SGP+ABCD7826690+250'

```
MEA+AAE+AAW+MTQ:6.5'  
MEA+AAE+WT+KGM:4487.5'  
EQD+CN+ABCD7826690'  
MEA+AAE+WT+KGM:4487.5'  
MEA+ABR+:::1+KGM:4487.5'  
MEA+AAE+AAW+MTQ:6.5'  
SEL+DTP26884+SH'  
UNT+57+2'  
UNZ+1+35404338'
```

Appendix C:

File Naming Convention

To facilitate our mutual support efforts for your integration to multiple customers through this integration, please follow the following file naming convention when transmitting the file.

<Sender ID>_<Receiver ID>_<Message Type>_<Transmission ID>_<Trans Date Time>.<EXT>

Where for X12 EDI...

- Sender ID = Interchange Sender ID UNB020-0004
- Receiver ID = Functional Application Receiver ID UNB030-0010
- Message Type = Functional Identifier Code UNH020-0065
- Transmission ID = Interchange Control Number UNB050-0020
- Trans Date Time = UNB040-0017 + UNB040-0019 + file generation seconds.milliseconds in YYMMDDTHHMMSSms format
- EXT = .EDIFACT

For example: SENDERID_CUSTCODE_IFTMIN_000001046_20081222T14102926.EDIFACT

Appendix D:

Version	Date	Author(s)	Summary of Changes
	02/05/2-16	Zdravko Belicajevic	Entered information from the hard copy of the MIG into EDIFICS Spec Builder, which is to be used for publishing of this MIG
	02/05/2016	Zdravko Belicajevic	Added segments / elements / codes to satisfy the forthcoming changes to the Safety of Life at Sea (SOLAS) treaty which will take effect on 07/01/2016: - NAD segment (Segment Group 11) - the qualifier "WPA" has been added to support Verified Gross Weight Party - Added Segment Group 12 (Contact Information / Communication Contact) which is used in conjunction with the NAD Segment where NAD010 = "WPA" - MEA Segment (Segment Group 37): Element MEA010 - the qualifier "ABR" (Certified weight) has been added

			<i>Composite Element MEA020 has been added. The information conveyed in MEA020-4 represents the Gross Mass Verification method: "1" / "2"</i>
	<i>09/17/2019</i>	<i>Zdravko Belicajevic</i>	<i>Replaced the logo and all references to "GT Nexus" with "Infor Nexus"</i>
	<i>10/09/2020</i>	<i>Zdravko Belicajevic</i>	<i>Header level changes:</i> <i>Updated the implementation details for the usage of the NAD020 element, which now has a dual purpose:</i> <i>- If NAD020-020 has the value "160", then the value in NAD020-010 represents the Submitter's party (NAD010 = 'HI') division</i> <i>- If NAD020-020 has one of the values: "UC", "VA", "EI", "GN", then the value in NAD020-010 represents the Party Reference Number (i.e. if NAD020-020 = "VA", the value in NAD020-010 is the VAT Number) - applicable only for the following Parties: Shipper (NAD010 = "CZ"), Consignee (NAD010 = "CN"), and Notify Party (NAD010 = "N1").</i> <i>Detail Level Changes:</i> <i>- The complete NAD loop (Segment Group 19) has been added into the parent GID (Commodity) loop.</i>
	<i>11/08/2020</i>	<i>Zdravko Belicajevic</i>	<i>Header level changes</i> <i>Revert back to the original usage of the NAD020 element.</i> <i>The RFF segment (Segment Group 15, within its parent NAD) has been introduced. The applicable qualifiers in RFF010-010 are: "UC", "VA", "EI", "GN".</i> <i>Detailed level changes:</i> <i>The NAD segment has been added. This is a correction of the previous version done 10/09/2020. All implementation details are the same as in the NAD segment at the header level.</i>

	12/06/2024	Bharath Thimmareddy	Header level changes: Added elements to fulfil ICS2 requirements for EU region. - FTX Segment, element FTX01= CCI was introduced and the FTX03 qualifier "ENS", "HBL" has been added to support ICS2 filing - FTX segment, element FTX04-1 and FTX04-2 has been added to support ICS2 Full ENS filer and Goods delivered indicator for ICS2 -NAD segment, element NAD01- the qualifier "BY", "SE" has been added to support ICS2 filing RFF Segment –RFF01 qualifier "AHP" "BH" and "UCN" have been added Detail level changes - RFF Segment –RFF01 qualifier "AIY" has been added
	03/06/2026	Naveen Ganesh	Updated the FTX segment to support the MPCl compliance for UAE