



NEXUS

300 Reservation (Booking Request) (Ocean) - Outbound

Version: 1.1

Company:

Infor Nexus

300

Reservation (Booking Request) (Ocean)

Functional Group=RO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Reservation (Booking Request) (Ocean) Transaction Set (300) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a shipper or a forwarder to reserve space, containers and equipment for transport by ocean vessel.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			GTN Required
	GS	Functional Group Header	M	1			GTN Required

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			GTN Required
020	B1	Beginning Segment for Booking or Pick-up/Delivery	M	1			GTN Required
025	G61	Contact	O	3			GTN Required
040	Y7	Priority	O	1			GTN Optional
050	Y1	Space Reservation Request	M	1			GTN Required

LOOP ID - Y2

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
060	Y2	Container Details	O	1	10		GTN Required
065	W09	Equipment and Temperature	O	1			GTN Optional
069	N9	Reference Identification	O	100			GTN Optional

LOOP ID - N1

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
080	N1	Name	M	1	10		GTN Required
100	N3	Address Information	O	2			GTN Optional
110	N4	Geographic Location	O	1			GTN Optional
120	G61	Contact	O	3			GTN Optional

LOOP ID - R4

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
130	R4	Port or Terminal	M	1	20		GTN Required
140	DTM	Date/Time Reference	O	15			GTN Optional
170	EA	Equipment Attributes	O	5			GTN Optional

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - LX</u>					<u>999</u>		
010	LX	Assigned Number	M	1			GTN Required
040	L0	Line Item - Quantity and Weight	O	1			GTN Optional
050	L5	Description, Marks and Numbers	O	1			GTN Required
060	L4	Measurement	O	1			GTN Optional
065	L1	Rate and Charges	O	1			GTN Optional

LOOP ID - H1

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - H1</u>					<u>10</u>		
070	H1	Hazardous Material	O	1			GTN Optional
080	H2	Additional Hazardous Material Description	O	10			GTN Optional
090	V1	Vessel Identification	O	2			GTN Optional
110	K1	Remarks	O	2			GTN Optional

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	SE	Transaction Set Trailer	M	1			GTN Required

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			GTN Required
	IEA	Interchange Control Trailer	M	1			GTN Required

ISA

Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): GTN Required**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	GTN Required
Description: Code to identify the type of information in the Authorization Information						
		<u>Code</u>	<u>Name</u>			
		00	No Authorization Information Present (No Meaningful Information in I02)			
ISA02	I02	Authorization Information	M	AN	10/10	GTN Required
Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
Information: <i>Set to 10 empty spaces.</i>						
ISA03	I03	Security Information Qualifier	M	ID	2/2	GTN Required
Description: Code to identify the type of information in the Security Information						
		<u>Code</u>	<u>Name</u>			
		00	No Security Information Present (No Meaningful Information in I04)			
ISA04	I04	Security Information	M	AN	10/10	GTN Required
Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
Information: <i>Set to 10 empty spaces.</i>						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	GTN Required
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
All valid standard codes can be used.						
ISA06	I06	Interchange Sender ID	M	AN	15/15	GTN Required
Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
Information:						
<i>Set to 'GTNEXUS' with 8 empty spaces to fill 15 characters</i>						
<i>Set to "TRADIANT-PLS" with 3 empty spaces to fill 15 characters – only for PLS carriers</i>						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	GTN Required
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
All valid standard codes can be used.						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	GTN Required
Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them						
Information:						
<i>Set to Interchange Receiver ID followed by empty spaces to fill 15 characters</i>						
ISA09	I08	Interchange Date	M	DT	6/6	GTN Required
Description: Date of the interchange						
ISA10	I09	Interchange Time	M	TM	4/4	GTN Required
Description: Time of the interchange						

ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	GTN Required
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer All valid standard codes can be used.				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	GTN Required
		Description: Code specifying the version number of the interchange control segments				
		<u>Code</u>		<u>Name</u>		
		00401		Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997		
ISA13	I12	Interchange Control Number	M	N0	9/9	GTN Required
		Description: A control number assigned by the interchange sender				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	GTN Required
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)				
		<u>Code</u>		<u>Name</u>		
		1		Interchange Acknowledgment Requested		
ISA15	I14	Usage Indicator	M	ID	1/1	GTN Required
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information				
		<u>Code</u>		<u>Name</u>		
		P		Production Data		
		T		Test Data		
ISA16	I15	Component Element Separator	M		1/1	GTN Required
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				
		Information: <i>Set to '>'</i>				

GS

Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): GTN Required

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	GTN Required
Description: Code identifying a group of application related transaction sets						
		<u>Code</u>	<u>Name</u>			
		RO	Ocean Booking Information (300, 301,303)			
GS02	142	Application Sender's Code	M	AN	2/15	GTN Required
Description: Code identifying party sending transmission; codes agreed to by trading partners						
Information:						
<i>Set to 'GTNEXUS'</i>						
GS03	124	Application Receiver's Code	M	AN	2/15	GTN Required
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
Information:						
<i>Set to Application Receiver's Code</i>						
GS04	373	Date	M	DT	8/8	GTN Required
Description: Date expressed as CCYYMMDD						
GS05	337	Time	M	TM	4/8	GTN Required
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
GS06	28	Group Control Number	M	N0	1/9	GTN Required
Description: Assigned number originated and maintained by the sender						
GS07	455	Responsible Agency Code	M	ID	1/2	GTN Required
Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
		<u>Code</u>	<u>Name</u>			
		X	Accredited Standards Committee X12			
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	GTN Required
Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed						
		<u>Code</u>	<u>Name</u>			
		004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997			

Semantics:

- GS04 is the group date.
- GS05 is the group time.
- The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): GTN Required

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	GTN Required
Description: Code uniquely identifying a Transaction Set						
		<u>Code</u>		<u>Name</u>		
		300		Reservation (Booking Request) (Ocean)		
ST02	329	Transaction Set Control Number	M	AN	4/9	GTN Required
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

B1 Beginning Segment for Booking or Pick-up/Delivery

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): GTN Required

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
B101	140	Standard Carrier Alpha Code Description: Standard Carrier Alpha Code	O	ID	2/4	GTN Required										
B102	145	Shipment Identification Number Description: Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters) Information: <GT Nexus Transaction ID>	M	AN	1/30	GTN Required										
B103	373	Date Description: Date expressed as CCYYMMDD	O	DT	8/8	GTN Required										
B104	558	Reservation Action Code Description: Code identifying action on reservation or offering <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Response to forced booking (txn id update)</td> </tr> <tr> <td>D</td> <td>Delete/Cancel</td> </tr> <tr> <td>N</td> <td>New</td> </tr> <tr> <td>U</td> <td>Update</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	A	Response to forced booking (txn id update)	D	Delete/Cancel	N	New	U	Update	O	ID	1/1	GTN Required
<u>Code</u>	<u>Name</u>															
A	Response to forced booking (txn id update)															
D	Delete/Cancel															
N	New															
U	Update															

Semantics:

1. B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.

G61

Contact

Pos: 025 Max: 3
 Heading - Optional
 Loop: N/A Elements: 5

User Option (Usage): GTN Required

Purpose: To identify a person or office to whom communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6101	366	Contact Function Code	M	ID	2/2	GTN Required
Description: Code identifying the major duty or responsibility of the person or group named						
		<u>Code</u>	<u>Name</u>			
		IC	Information Contact			
G6102	93	Name	M	AN	1/60	GTN Required
Description: Free-form name						
G6103	365	Communication Number Qualifier	X	ID	2/2	GTN Required
Description: Code identifying the type of communication number						
		<u>Code</u>	<u>Name</u>			
		EM	Electronic Mail			
		FX	Facsimile			
		TE	Telephone			
G6104	364	Communication Number	X	AN	1/80	GTN Required
Description: Complete communications number including country or area code when applicable						

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. At least one of G6103 of 'TE', 'FX' and 'EM', or some combination, will be provided.

Y7

Priority

Pos: 040	Max: 1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): GTN Optional

Purpose: To assign a priority to a booking which would increase the possibility that this cargo would be booked on said voyage and not be shut out

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
Y705	373	Date	O	DT	8/8	GTN Optional

Description: Date expressed as CCYYMMDD

Semantics:

1. Y705 is the latest arrival at place of delivery – the latest possible date on which the cargo should arrive at the place of delivery

Comments:

1. One or both of Y101 (Earliest Departure from Place of Receipt) and / or Y705 (Latest Arrival at Place of Delivery) will be provided.

Y1

Space Reservation Request

Pos: 050	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 9

User Option (Usage): GTN Required

Purpose: To specify information used to make a reservation for space on an ocean vessel

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
Y101	135	Sailing/Flight Date Estimated	O	DT	8/8	GTN Optional
Description: Date for reservation expressed in format CCYYMMDD						
Information: <i>This is requested departure date at origin</i>						
Y102	373	Date	X	DT	8/8	GTN Optional
Description: Date expressed as CCYYMMDD						
Information: <i>Door or CY Pickup date</i>						
Y103	140	Standard Carrier Alpha Code	O	ID	2/4	GTN Required
Description: Standard Carrier Alpha Code						
Y104	91	Transportation Method/Type Code	O	ID	1/2	GTN Required
Description: Code specifying the method or type of transportation for the shipment						
		<u>Code</u>	<u>Name</u>			
		B	Barge			
		O	Containerized Ocean			
		BU	Bus			
		LT	Vehicle			
Y108	375	Tariff Service Code	O	ID	2/2	GTN Required
Description: Code specifying the types of services for rating purposes						
Information: <i>Varies by partner</i>						
		<u>Code</u>	<u>Name</u>			
		DD	Door-to-Door Rate applies for shipments in door-to-door service			
		DP	Door-to-Pier Rate applies for shipments in door-to-ocean carrier's port/terminal pier service			
		HH	Infor Nexus: Breakbulk, Free In – Free Out			
		HM	Infor Nexus: Breakbulk, Free In – Direct Discharge Overside			
		HP	Infor Nexus: Breakbulk, Free In – Liner Out			
		MM	Infor Nexus: Breakbulk, Liner In – Liner Out			
		PD	Pier-to-Door Rate applies for shipments in pier-to-door service			
		PH	Infor Nexus: Breakbulk, Liner In – Free Out			
		PM	Infor Nexus: Breakbulk, Liner In – Direct Discharge Overside			
		PP	Pier-to-Pier All cargo other than that specified in codes HH, HP, or PH whether shipped in containers or otherwise			
Y109	374	Date/Time Qualifier	X	ID	3/3	GTN Optional
Description: Code specifying type of date or time, or both date and time						
		<u>Code</u>	<u>Name</u>			
		018	Available			

Syntax Rules:

1. P0209 - If either Y102 or Y109 is present, then the other is required.

Semantics:

1. Y101 is the date of the earliest departure from place of receipt – the earliest possible date on which the cargo should leave from the place of receipt (R4*R). Where no place of receipt is provided, Y101 refers to the earliest departure from port of load (R4*L).

Comments:

1. Y108 codes may vary by partner decision
2. RR (Rail-to-Rail), RP (Rail-to-Pier), PR (Pier-to-Rail), RD (Rail-to-Door), DR (Door-to-Rail) may also be configured where the rate applies for shipments with these service types. Please contact Infor Nexus should you support these additional service types.
3. One or both of Y101 (Earliest Departure from Place of Receipt) and / or Y705 (Latest Arrival at Place of Delivery) will be provided.

Loop Container Details

Pos: 060	Repeat: 10
Loop: Y2	Optional Elements: N/A

User Option (Usage): GTN Optional

Purpose: To specify container information and transportation service to be used

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
060	Y2	Container Details	O	1		GTN Required
065	W09	Equipment and Temperature	O	1		GTN Optional

Y2

Container Details

Pos: 060	Max: 1
Heading - Optional	
Loop: Y2	Elements: 10

Loop Path: Y2

User Option (Usage): GTN Required

Purpose: To specify container information and transportation service to be used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Y201	95	Number of Containers	M	NO	1/4	GTN Required
Description: Number of shipping containers						
Y202	78	Container Type Request Code	O	ID	1/1	GTN Required
Description: Code indicating type of container equipment requested						
		Code	Name			
		R	Containers Only			
		S	Shipper To Provide - None Requested			
Y203	56	Type of Service Code	O	ID	2/2	GTN Optional
Description: Code specifying extent of transportation service requested						
		Code	Name			
		BB	Breakbulk			
		HH	Shipper/Forwarder loading at origin and Consignee/Broker unloading at destination			
		HP	Shipper/Forwarder loading at origin and Carrier (CFS) unloading at destination			
		NC	Vehicle			
		PH	Carrier (CFS) loading at origin and Consignee/Broker unloading at destination			
		PP	Carrier (CFS) loading at origin and Carrier (CFS) unloading at destination			
Y204	24	Equipment Type	M	ID	4/4	GTN Required

Description: Code identifying equipment type

Information:

<i>Carrier defined code</i>	<i>20' Standard Dry</i>
<i>Carrier defined code</i>	<i>40' Standard Dry</i>
<i>Carrier defined code</i>	<i>45' Standard Dry</i>
<i>Carrier defined code</i>	<i>48' Standard Dry</i>
<i>Carrier defined code</i>	<i>53' Standard Dry</i>
<i>Carrier defined code</i>	<i>20' High Cube Dry</i>
<i>Carrier defined code</i>	<i>40' High Cube Dry</i>
<i>Carrier defined code</i>	<i>45' High Cube Dry</i>
<i>Carrier defined code</i>	<i>48' High Cube Dry</i>
<i>Carrier defined code</i>	<i>53' High Cube Dry</i>
<i>Carrier defined code</i>	<i>20' Reefer</i>
<i>Carrier defined code</i>	<i>40' Reefer</i>
<i>Carrier defined code</i>	<i>45' High Cube Reefer</i>
<i>Carrier defined code</i>	<i>40' High Cube Reefer</i>
<i>Carrier defined code</i>	<i>20' Flat Rack</i>
<i>Carrier defined code</i>	<i>40' Flat Rack</i>
<i>Carrier defined code</i>	<i>20' Open Top</i>
<i>Carrier defined code</i>	<i>40' Open Top</i>
<i>Carrier defined code</i>	<i>20' Tank</i>
<i>Carrier defined code</i>	<i>40' Tank</i>
<i>Carrier defined code</i>	<i>20' Non-Operating Reefer</i>
<i>Carrier defined code</i>	<i>40' Non-Operating Reefer</i>
<i>Carrier defined code</i>	<i>40' High Cube Non Operating Reefer</i>
<i>Carrier defined code</i>	<i>45' Trailer</i>
<i>Carrier defined code</i>	<i>48' Trailer</i>

<i>Carrier defined code</i>	<i>53' Trailer</i>
<i>Carrier defined code</i>	<i>45' Insulated Trailer</i>
<i>Carrier defined code</i>	<i>40' Flatbed Trailer</i>
<i>Carrier defined code</i>	<i>45' Flatbed Trailer</i>
<i>Carrier defined code</i>	<i>40' Expandable Flatbed</i>
<i>Carrier defined code</i>	<i>45' Expandable Flatbed</i>
<i>Carrier defined code</i>	<i>40' Low Boy Flatbed</i>
<i>Carrier defined code</i>	<i>45' Low Boy Flatbed</i>
<i>Carrier defined code</i>	<i>40' Tank Trailer</i>
<i>Carrier defined code</i>	<i>20' Dual Reefer</i>
<i>Carrier defined code</i>	<i>20' Standard GOH</i>
<i>Carrier defined code</i>	<i>40' Standard GOH</i>
<i>Carrier defined code</i>	<i>45' Standard GOH</i>
<i>Carrier defined code</i>	<i>40' High Cube GOH</i>
<i>Carrier defined code</i>	<i>45' High Cube GOH</i>
<i>Carrier defined code</i>	<i>48' High Cube GOH</i>
<i>Carrier defined code</i>	<i>20' Bulk pressurized</i>
<i>Carrier defined code</i>	<i>20' Bulk non-pressurized</i>
<i>Carrier defined code</i>	<i>20' Flat Rack Collapsible</i>
<i>Carrier defined code</i>	<i>20' Isotank dangerous liquid</i>
<i>Carrier defined code</i>	<i>20' Isotank Gas</i>
<i>Carrier defined code</i>	<i>20' Vented</i>
<i>Carrier defined code</i>	<i>40' Bulk non-pressurized</i>
<i>Carrier defined code</i>	<i>40' Flat Rack Collapsible</i>
<i>Carrier defined code</i>	<i>40' Vented</i>
<i>Carrier defined code</i>	<i>20' Artificial Tweendeck</i>
<i>Carrier defined code</i>	<i>40' Artificial Tweendeck</i>
<i>Carrier defined code</i>	
<i>BKBB</i>	
<i>BBOS</i>	<i>20' Open Side Open Top</i>
<i>Break Bulk Items</i>	
<i>Break Bulk Oversized</i>	
<i>00B0</i>	<i>Bulk</i>
<i>TRTK</i>	<i>Tank Trailer</i>
<i>TRFB</i>	<i>Flat Bed Trailer</i>
<i>TROT</i>	<i>Open Top Trailer</i>
<i>TRRF</i>	<i>Refrigerated</i>
<i>F2A0</i>	<i>27' Trailer</i>

Y210 466 **Total Stopoffs** O NO 1/2 GTN Optional

Description: Total number of stopoffs specified for a shipment
Information: 1-9 The number of origin stopoffs will be sent in character 1 of 2

Semantics:

1. If Y202 is provided (Y202 = 'S' – shipper to provide containers), it is assumed that this rule applies to ALL container groupings in the booking request.
2. If Y202 is provided (Y202 = 'R' – carrier to provide containers), it is assumed that this rule applies to ALL container groupings in the booking request.

Comments:

1. In the case of allowable equipment substitution, remarks will be sent in the N9 Segment.

W09

Equipment and Temperature

Pos: 065	Max: 1
Heading - Optional	
Loop: Y2	Elements: 9

Loop Path: Y2

User Option (Usage): GTN Optional

Purpose: To relate equipment type and required temperatures

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0901	40	Equipment Description Code	M	ID	2/2	GTN Required
Description: Code identifying type of equipment used for shipment						
		<u>Code</u>	<u>Name</u>			
		CZ	Refrigerated Container			
W0902	408	Temperature	X	R	1/4	GTN Required
Description: Temperature						
Information:						
<Reefer Minimum Temperature>						
9999 In no value is entered in the temperature field						
W0903	355	Unit or Basis for Measurement Code	X	ID	2/2	GTN Optional
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
		<u>Code</u>	<u>Name</u>			
		CE	Centigrade, Celsius			
		FA	Fahrenheit			
W0904	408	Temperature	X	R	1/4	GTN Required
Description: Temperature						
Information:						
<Reefer Maximum Temperature>						
9999 In no value is entered in the temperature field						
W0905	355	Unit or Basis for Measurement Code	X	ID	2/2	GTN Optional
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
		<u>Code</u>	<u>Name</u>			
		CE	Centigrade, Celsius			
		FA	Fahrenheit			
W0906	3	Free Form Message	O	AN	1/60	GTN Optional
Description: Free-form text						
W0907	1122	Vent Setting Code	O	ID	1/1	GTN Required
Description: Code describing the setting on the air vents on ocean-type containers						
		<u>Code</u>	<u>Name</u>			
		A	Vent 25% Open			
		B	Vent 50% Open			
		C	Vent 75% Open			
		D	Vent 100% Open			
		E	Closed			
		Z	Carrier to Set Based on Commodity Type			
W0908	488	Percent	O	NO	1/3	GTN Optional

Description: Percent expressed as 0 to 100

Information:

<Reefer Humidity Setting>

W0909

380

Quantity

O

R

1/15

GTN Optional

Description: Numeric value of quantity

Information: *This is integer value.*

<Requested Reefer Air Exchange Setting>

Syntax Rules:

1. P0203 - If either W0902 or W0903 is present, then the other is required.
2. P0405 - If either W0904 or W0905 is present, then the other is required.

Semantics:

1. The W09 segment is only used for refrigerated containers.
2. W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).
3. W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
4. W0908 is the humidity percentage.
5. W0909 is the number of air exchanges per hour.

Comments:

1. The W09 segment is only used for refrigerated containers.

N9 Reference Identification

Pos: 069	Max: 100
Heading - Optional	
Loop: N/A	Elements: 7

User Option (Usage): GTN Optional

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	GTN Required

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
AG	Agent's Shipment Number
BM	Bill of Lading Number
BN	Booking Number (Pre-Assigned By Carrier)
CG	Consignee's Order Number (See Comment #7)
FN	Forwarder's/Agent's Reference Number
HO	Contains Hazardous
KL	Contract Reference (see Comments)
OU	Tariff Supplement Number (see Comments)
PO	Purchase Order Number
PR	Price Quote Number (see Comments)
SI	Shipper's Identifying Number for Shipment (SID)
SO	Shipper's Order (Invoice Number)
SR	Sales Responsibility
SS	Split Shipment Number (see Comment #6)
TG	Transportation Control Number (TCN)
ZZ	Mutually Defined
TOC	Type of Comment

N902	127	Reference Identification	X	AN	1/30	GTN Optional
------	-----	--------------------------	---	----	------	--------------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Information:

Required by Infor Nexus in most cases – see Comments below

N903	369	Free-form Description	X	AN	1/45	GTN Optional
------	-----	-----------------------	---	----	------	--------------

Description: Free-form descriptive text

Information:

Required by Infor Nexus in some cases – see Comments below.

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.

Comments:

1. Only one of N901 = 'KL', 'OU' or 'PR' is allowed.
2. N903 is required when N901 is equal to 'TOC'.
3. N902 is required when N901 is not equal to 'TOC'.
4. N901 = 'HO' will be passed when the carrier organization has chosen to support hazmat flag support instead of full hazmat support. When N901 = 'HO' then N902 = 'CONTAINS HAZARDOUS'
5. Infor Nexus supports 6 N9 segments with N901 = 'TOC' for a given booking request (EDI 300 message). The N9s with N901 = 'TOC' will capture comments inherent to the booking request in the N903 and will be sent to (and summarily read/processed by) the carrier sequentially (i.e., the N903 in the first N9 segment with N901 = 'TOC' will contain characters 1-45 of the booking comments, the N903 in the second N9 segment with N901 = 'TOC' will contain characters 46-90 of the booking comments and so on).

6. On new bookings, Infor Nexus does not typically know the shipment ID. On changed bookings and on confirmations of forced bookings, Infor Nexus includes the shipment ID in the 300.
7. In the case of a military booking, N901 = 'CG' and the N902 will be the consignee DoDAAC. Each booking should have one consignee DoDAAC.
8. Allowable equipment substitution remarks to be made in N901 with identifier TOC.

Loop Name

Pos: 080	Repeat: 10
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): GTN Required

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
080	N1	Name	M	1		GTN Required
100	N3	Address Information	O	2		GTN Optional
110	N4	Geographic Location	O	1		GTN Optional
120	G61	Contact	O	3		GTN Optional

N1 Name

Pos: 080	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 6

Loop Path: N1

User Option (Usage): GTN Required

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	GTN Required
<p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>Information: <i>The following codes are used by Infor Nexus:</i> CA Carrier (required) CN Consignee FW Forwarder BP or R6 Booking Party (required) SF Ship From SH Shipper (required) ST Ship To CL Empty Container Pickup (see syntax notes for usage requirements)</p> <p>All valid standard codes can be used.</p>						
N102	93	Name	X	AN	1/60	GTN Required
<p>Description: Free-form name</p>						
N103	66	Identification Code Qualifier	X	ID	1/2	GTN Optional
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>Code Name 25 When N1-04 is a customer unique carrier code (CUCC)</p>						
N104	67	Identification Code	X	AN	2/80	GTN Optional
<p>Description: Code identifying a party or other code</p>						

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. An N1 segment with N101 = 'SH' is required.
2. If either N103 or N104 is present, then the other is required.
3. With certain carrier integrations, N101 = 'R6' is used in place of N101 = 'BP'.
4. For enabling the support of Empty Container Pickup (N101 = 'CL') in the Booking Request, please contact Infor Nexus Professional Services

N3 Address Information

Pos: 100	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

Loop Path: N1

User Option (Usage): GTN Optional

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information <i>Description:</i> Address information <i>Information:</i> (Address1, Address2)	M	AN	1/55	GTN Required
N302	166	Address Information <i>Description:</i> Address information <i>Information:</i> (City, State, Postal Code)	O	AN	1/55	GTN Optional

N4 Geographic Location

Pos: 110	Max: 1
Heading - Optional	
Loop: N1	Elements: 6

Loop Path: N1

User Option (Usage): GTN Optional

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name Description: Free-form text for city name	O	AN	2/30	GTN Optional
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	GTN Optional
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	GTN Optional
N404	26	Country Code Description: Code identifying the country Information: <2 digit ISO country code>	O	ID	2/3	GTN Optional

Comments:

1. N402 is required only if city name (N401) is in the U.S. or Canada.

G61

Contact

Pos: 120	Max: 3
Heading - Optional	
Loop: N1	Elements: 5

Loop Path: N1

User Option (Usage): GTN Optional

Purpose: To identify a person or office to whom communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6101	366	Contact Function Code	M	ID	2/2	GTN Required
Description: Code identifying the major duty or responsibility of the person or group named						
		<u>Code</u>	<u>Name</u>			
		BP	Booking Party contact (When N101 = 'ST' or 'BP')			
		CA	Carrier Contact (When N101 = 'CA')			
		FC	Forwarder Contact (When N101 = 'FW')			
		RE	Receiving Contact (When N101 = 'CN')			
		RQ	Booking Party contact (when N101 = 'R6')			
		SD	Shipping Department (When N101 = 'SF')			
		SH	Shipper Contact (When N101 = 'SH')			
G6102	93	Name	M	AN	1/60	GTN Required
Description: Free-form name						
G6103	365	Communication Number Qualifier	X	ID	2/2	GTN Optional
Description: Code identifying the type of communication number						
		<u>Code</u>	<u>Name</u>			
		EM	Electronic Mail			
		FX	Facsimile			
		TE	Telephone			
G6104	364	Communication Number	X	AN	1/80	GTN Optional
Description: Complete communications number including country or area code when applicable						

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

Loop Port or Terminal

Pos: 130	Repeat: 20
Mandatory	
Loop: R4	Elements: N/A

User Option (Usage): GTN Required

Purpose: Contractual or operational port or point relevant to the movement of the cargo

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
130	R4	Port or Terminal	M	1		GTN Required
140	DTM	Date/Time Reference	O	15		GTN Optional

Note 1:

*At least 2 R4 segments are required – one each for R401 = 'D' and R401 = 'L'.
The DTM segment is only used when R401 = 'R' and the user has specified a door or cy pickup date/time.*

R4 Port or Terminal

Pos: 130	Max: 1
Heading - Mandatory	
Loop: R4	Elements: 8

Loop Path: R4

User Option (Usage): GTN Required

Purpose: Contractual or operational port or point relevant to the movement of the cargo

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R401	115	Port or Terminal Function Code	M	ID	1/1	GTN Required
Description: Code defining function performed at the port or terminal with respect to a shipment						
		Code	Name			
		D	Port of Discharge (Operational – Port at which cargo is unloaded from vessel) (optional)			
		E	Place of Delivery (Contractual – Carrier destination/place at which cargo leaves the care and custody of the carrier) (see Notes)			
		L	Port of Loading (Operational – Port at which cargo is loaded on vessel) (optional)			
		O	Booking Office			
		R	Place of Receipt (Contractual – Carrier pickup/ place at which cargo enters the care and custody of the carrier) (see Notes)			
		T	Transshipment Port (Operational – Transshipment Port)			
R402	309	Location Qualifier	X	ID	1/2	GTN Optional
Description: Code identifying type of location						
Information:						
<i>The following Codes are used by Infor Nexus:</i>						
UN United Nations Location Code (UNLOCODE)						
ZZ Mutually Defined						
<null> No data will be sent if the following two conditions are met:						
1. The carrier has chosen to remove carrier specific location validation.						
2. The user entered a location that Infor Nexus doesn't have a carrier code for.						
All valid standard codes can be used.						
R403	310	Location Identifier	X	AN	1/30	GTN Required
Description: Code which identifies a specific location						
Information: <Location Code> (UNLOCODE or Carrier code)						
<null> No data will be sent if the following two conditions are met:						
1. The carrier has chosen to remove carrier specific location validation.						
2. The user entered a location that Infor Nexus doesn't have a carrier code for.						
R404	114	Port Name	O	AN	2/24	GTN Required
Description: Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property						
Information: <Location Name>						
R405	26	Country Code	O	ID	2/3	GTN Required
Description: Code identifying the country						
Information: <2 digit ISO Country Code>						
R408	156	State or Province Code	O	ID	2/2	GTN Optional
Description: Code (Standard State/Province) as defined by appropriate government agency						
Information: <State or Province Code>						

Syntax Rules:

1. P0203 - If either R402 or R403 is present, then the other is required.

Note 1:

1. At least 2 R4 segments (and therefore loops) are required - one for Port of Load or Place of Receipt & another for Port of Discharge or Place of Delivery depending on the Tariff Service Code(Y108)

2. R4 location requirements vary depending on the Y108 Tariff Service Code (move type) used. The below table outlines R4 requirements based on Y108 values.

R4 Requirement Required when Y108=

R401 = 'R' DD, DP, DR, RD, RP, RR

R401 = 'E' DD, PD, RD, DR, PR, RR

R401 = 'L' or R401 = 'R' PD, PP, PR

R401 = 'D' or R401 = 'E' DP, PP, RP

Summary:

- If Y108 move type starts with 'R' or 'D', then R401 = 'R' is required
- If Y108 move type starts with 'P', then either R401 = 'R' or R401 = 'L' is required
- If Y108 move type ends with 'R' or 'D', then R401 = 'E' is required
- If Y108 move type ends with 'P', then either R401 = 'E' or R401 = 'D' is required

3. An R4 segment with R401 = 'R' is required when the service is Door-to-CY/Port or Door-to-Door and is also required when the service is CY/Port to CY/Port if the port of load is not the same as the place of receipt (R403 is not the same for two R4 segments with R401 = 'L' and 'R').

4. An R4 segment with R401 = 'E' is required when the service is CY/Port-to-Door or Door-to-Door and is also required when the service is CY/Port to CY/Port if the port of discharge is not the same as the place of delivery (R403 is not the same for two R4 segments with R401 = 'D' and 'E').

5. In the case where the R402 and R403 aren't sent, the carrier should still try and send back the R4 segment with their appropriate location code.

DTM Date/Time Reference

Pos: 140	Max: 15
Heading - Optional	
Loop: R4	Elements: 6

Loop Path: R4

User Option (Usage): GTN Optional

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	Date/Time Qualifier	M	ID	3/3	GTN Required

Description: Code specifying type of date or time, or both date and time

Code	Name
168	Release

DTM02	373	Date	X	DT	8/8	GTN Required
-------	-----	------	---	----	-----	--------------

Description: Date expressed as CCYYMMDD

DTM03	337	Time	X	TM	4/8	GTN Required
-------	-----	------	---	----	-----	--------------

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

DTM04	623	Time Code	O	ID	2/2	GTN Required
-------	-----	-----------	---	----	-----	--------------

Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Code	Name
LT	Local Time

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.

Semantics:

1. The DTM segment is only used when R401 = 'R' and the user has specified a door or cy pickup date/time.
2. When the service type is Pier-to-Door, Pier-to-Pier, Pier-to-Rail, Rail-to-Door, Rail-to-Pier, or Rail-to-Rail (Y108 = PD, PP, RP, RD, RP, or RR), then DTM02 is the empty container pickup date and DTM03 is the empty container pickup time.
3. When the service type is Door-to-Pier, Door-to-Rail or Door-to-Door (Y108 = 'DP', 'DR' or 'DD'), then DTM02 is the cargo pickup date and DTM03 is the cargo pickup time.

Comments:

1. Per X12 Standard, at least one of DTM02 or DTM03 is required – Infor Nexus requirement is that both (DTM02 and DTM03) need to be present.

EA Equipment Attributes

Pos: 170	Max: 5
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): GTN Optional

Purpose: To specify attributes required for a piece of equipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
EA01	1402	Equipment Attribute Code	M	ID	2/3	GTN Required

Description: Code specifying attributes of a piece of equipment

<u>Code</u>	<u>Name</u>
ATM	Atmosphere Controlled
GEN	Genset Required

Syntax Rules:

1. P0203 - If either EA02 or EA03 is present, then the other is required.

Comments:

1. There will only be two EA segments, regardless of the number of containers or their type. The User Interface will enforce the same GenSet and Atmosphere settings for all containers.

Loop Assigned Number

Pos: 010	Repeat: 999
Mandatory	
Loop: LX	Elements: N/A

User Option (Usage): GTN Required

Purpose: To reference a line number in a transaction set

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	LX	Assigned Number	M	1		GTN Required
040	L0	Line Item - Quantity and Weight	O	1		GTN Optional
050	L5	Description, Marks and Numbers	O	1		GTN Required
060	L4	Measurement	O	1		GTN Optional
065	L1	Rate and Charges	O	1		GTN Optional
070		Loop H1	O		10	GTN Optional

LX

Assigned Number

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LX	Elements: 1

Loop Path: LX

User Option (Usage): GTN Required

Purpose: To reference a line number in a transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	554	Assigned Number	M	NO	1/6	GTN Required

Description: Number assigned for differentiation within a transaction set

Information: *This is generated sequential number*

L0 Line Item - Quantity and Weight

Pos: 040	Max: 1
Detail - Optional	
Loop: LX	Elements: 15

Loop Path: LX

User Option (Usage): GTN Optional

Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage																				
L001	213	Lading Line Item Number <i>Description:</i> Sequential line number for a lading item	O	NO	1/3	GTN Optional																				
L004	81	Weight <i>Description:</i> Numeric value of weight <i>Information:</i> Required for non-containerized items.	X	R	1/10	GTN Optional																				
L005	187	Weight Qualifier <i>Description:</i> Code defining the type of weight <i>Information:</i> Required for non-containerized items.	X	ID	1/2	GTN Optional																				
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>G</td> <td>Gross Weight</td> </tr> <tr> <td>N</td> <td>Actual Net Weight</td> </tr> </tbody> </table>	Code	Name	G	Gross Weight	N	Actual Net Weight																		
Code	Name																									
G	Gross Weight																									
N	Actual Net Weight																									
L006	183	Volume <i>Description:</i> Value of volumetric measure	X	R	1/8	GTN Optional																				
L007	184	Volume Unit Qualifier <i>Description:</i> Code identifying the volume unit	X	ID	1/1	GTN Optional																				
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>Infor Nexus: Board Feet</td> </tr> <tr> <td>E</td> <td>Cubic Feet</td> </tr> <tr> <td>M</td> <td>Infor Nexus: 1000 Board Feet (MBF)</td> </tr> <tr> <td>S</td> <td>Infor Nexus: Square Feet</td> </tr> <tr> <td>U</td> <td>Infor Nexus: 1000 Square Feet (MSF)</td> </tr> <tr> <td>X</td> <td>Cubic Meters</td> </tr> </tbody> </table>	Code	Name	B	Infor Nexus: Board Feet	E	Cubic Feet	M	Infor Nexus: 1000 Board Feet (MBF)	S	Infor Nexus: Square Feet	U	Infor Nexus: 1000 Square Feet (MSF)	X	Cubic Meters										
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U	Infor Nexus: 1000 Square Feet (MSF)																									
X	Cubic Meters																									
L008	80	Lading Quantity <i>Description:</i> Number of units (pieces) of the lading commodity	X	NO	1/7	GTN Optional																				
L009	211	Packaging Form Code <i>Description:</i> Code for packaging form of the lading quantity	X	ID	3/3	GTN Optional																				
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>AMM</td> <td>Ammo Pack</td> </tr> <tr> <td>BAG</td> <td>Bag</td> </tr> <tr> <td>BAL</td> <td>Bale</td> </tr> <tr> <td>BBL</td> <td>Barrel</td> </tr> <tr> <td>BDL</td> <td>Bundle</td> </tr> <tr> <td>BEM</td> <td>Beam</td> </tr> <tr> <td>BIN</td> <td>Bin</td> </tr> <tr> <td>BKG</td> <td>Bulk Bag</td> </tr> <tr> <td>BLK</td> <td>Bulk</td> </tr> </tbody> </table>	Code	Name	AMM	Ammo Pack	BAG	Bag	BAL	Bale	BBL	Barrel	BDL	Bundle	BEM	Beam	BIN	Bin	BKG	Bulk Bag	BLK	Bulk				
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AMM	Ammo Pack																									
BAG	Bag																									
BAL	Bale																									
BBL	Barrel																									
BDL	Bundle																									
BEM	Beam																									
BIN	Bin																									
BKG	Bulk Bag																									
BLK	Bulk																									

BOT	Bottle
BOX	Box
BSK	Basket or hamper
BXI	Box, with inner container
CAG	Cage
CAN	Can
CAS	Case
CBC	Containers of Bulk Cargo
CBY	Carboy
CHS	Chest
CNA	Household Goods
CNT	Container
COL	Coil
CON	Cones
CRD	Cradle
CRT	Crate
CSK	Cask
CTN	Carton
CYL	Cylinder
DRM	Drum
FIR	Firkin
FSK	Flask
GOH	Garments on Hangers
HGH	Hogshead
HPR	Hamper
JAR	Jar
KEG	Keg
KIT	Kit
LIF	Lifts
LOG	Log
LSE	Loose
MXD	Mixed Type Pack
PAL	Pail
PCK	Packed
PCS	Pieces
PKG	Package / Parcel
PLN	Pipeline
PLT	Pallet
RCK	Rack
REL	Reel
ROL	Roll
SAK	Sack
SET	Set
SHT	Sheet
SKD	Skid
SLP	Slip
SPL	Spool
TBE	Tube
TBN	Tote Bin
TNK	Tank
TRC	Tierce
TRI	Triwall Box
TRY	Tray
UNP	Unpacked

UNT	Unit
VEH	Vehicles
WHE	On Own Wheel
WRP	Wrapped

L011 188 **Weight Unit Code** O ID 1/1 GTN Optional

Description: Code specifying the weight unit
Information: *Required for non-containerized items.*

<u>Code</u>	<u>Name</u>
E	Metric Ton
K	Kilograms
L	Pounds
S	Short Ton
T	Long Ton

L012 56 **Type of Service Code** O ID 2/2 GTN Optional

Description: Code specifying extent of transportation service requested

<u>Code</u>	<u>Name</u>
BB	Breakbulk

Syntax Rules:

1. P0405 - If either L004 or L005 is present, then the other is required.
2. P0607 - If either L006 or L007 is present, then the other is required.
3. P0809 - If either L008 or L009 is present, then the other is required.
4. C1104 - If L011 is present, then L004 is required.

Semantics:

1. L008 is the number of handling units of the line item tendered to the carrier.
2. L013 can only be used if the code in L009 is PLT, SKD, or SLP.
3. L015 designates whether the carrier will be required to verify the number of units contained on a pallet, slip sheet or skid. Code "Y" indicates that the carrier will be required to verify. Code "N" indicates that the carrier will not be required to verify.

Comments:

1. L006, L007, L008, and L009 are used for hazardous and breakbulk material bookings only. Although commodity quantity, package type and volume is intended to be used for hazardous material bookings, if this information is provided for non-hazardous material shipments, it will be passed on to the carrier.
2. L012 populated with BB if line items are not going to be packed in a requested Container on this Booking.

L5

Description, Marks and Numbers

Pos: 050	Max: 1
Detail - Optional	
Loop: LX	Elements: 10

Loop Path: LX

User Option (Usage): GTN Required

Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L501	213	Lading Line Item Number	O	NO	1/3	GTN Required
		Description: Sequential line number for a lading item				
L502	79	Lading Description	O	AN	1/50	GTN Required
		Description: Description of an item as required for rating and billing purposes				
		Information: <i>This is commodity description.</i>				
L503	22	Commodity Code	X	AN	1/30	GTN Optional
		Description: Code describing a commodity or group of commodities				
		Information: <i>This is harmonized code.</i>				
L504	23	Commodity Code Qualifier	X	ID	1/1	GTN Optional
		Description: Code identifying the commodity coding system used for Commodity Code				
		<u>Code</u>		<u>Name</u>		
		J		Harmonized System-Based Schedule B		
L506	87	Marks and Numbers	X	AN	1/48	GTN Optional
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
		Information:				
		<i>Required for non-containerized items BreakBulk and Vehicle (RoRo).</i>				
		<i>Free form text for RoRo / Vehicle bookings VIN/Serial Number (right padded with spaces)</i>				
		<i>Free form text for BreakBulk bookings Order / Package Number (right padded with spaces)</i>				
L508	23	Commodity Code Qualifier	X	ID	1/1	GTN Optional
		Description: Code identifying the commodity coding system used for Commodity Code				
		<u>Code</u>		<u>Name</u>		
		Z		Mutually defined passed for all non-containerized (BreakBulk / RoRo) bookings		
L509	22	Commodity Code	X	AN	1/30	GTN Optional
		Description: Code describing a commodity or group of commodities				
		Information:				
		<i>Required for non-containerized items BreakBulk and Vehicle (RoRo).</i>				
		<i>Code identifying the commodity</i>				
		<i>Char1="Y" - Self-Propelled, "N" - Not-Self Propelled.</i>				

Syntax Rules:

1. P0304 - If either L503 or L504 is present, then the other is required.
2. P0809 - If either L508 or L509 is present, then the other is required.

Comments:

1. L502 may be used to send quantity information as part of the product description.

L4 Measurement

Pos: 060	Max: 1
Detail - Optional	
Loop: LX	Elements: 6

Loop Path: LX

User Option (Usage): GTN Optional

Purpose: To describe physical dimensions and quantities

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L401	82	Length	M	R	1/8	GTN Required
Description: Largest horizontal dimension of an object measured when the object is in the upright position						
L402	189	Width	M	R	1/8	GTN Required
Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position						
L403	65	Height	M	R	1/8	GTN Required
Description: Vertical dimension of an object measured when the object is in the upright position						
L404	90	Measurement Unit Qualifier	M	ID	1/1	GTN Required
Description: Code specifying the linear dimensional unit All valid standard codes can be used.						

Semantics:

1. L406 is the Rounding in Pattern for dimensional shipments.

Comments:

1. If an L4 segment is present, the line item is assumed to be oversized.

L1 Rate and Charges

Pos: 065	Max: 1
Detail - Optional	
Loop: LX	Elements: 21

Loop Path: LX

User Option (Usage): GTN Optional

Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage						
L101	213	Lading Line Item Number <i>Description:</i> Sequential line number for a lading item	O	N0	1/3	GTN Optional						
L104	58	Charge <i>Description:</i> For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified <i>Information:</i> 99999 Will send default value because this is a mandatory element	X	N2	1/12	GTN Optional						
L111	16	Charge Method of Payment <i>Description:</i> Code defining method of payment	O	ID	1/1	GTN Optional						
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>Collect</td> </tr> <tr> <td>P</td> <td>Prepaid</td> </tr> </tbody> </table>	Code	Name	E	Collect	P	Prepaid				
Code	Name											
E	Collect											
P	Prepaid											

Syntax Rules:

1. P0203 - If either L102 or L103 is present, then the other is required.
2. R040506 - At least one of L104, L105 or L106 is required.
3. P1415 - If either L114 or L115 is present, then the other is required.
4. P1718 - If either L117 or L118 is present, then the other is required.

Comments:

1. If customer has selected multiple commodities so that the system sends multiple LX loops, the system sends the same L1 segment (or no segment) in every LX loop.
2. If an L1 segment is present, the customer has specified payment terms.

Loop Hazardous Material

Pos: 070	Repeat: 10
Loop: H1	Optional Elements: N/A

Loop Path: LX

User Option (Usage): GTN Optional

Purpose: To specify information relative to hazardous material

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
070	H1	Hazardous Material	O	1		GTN Optional
080	H2	Additional Hazardous Material Description	O	10		GTN Optional

H1 Hazardous Material

Pos: 070	Max: 1
Detail - Optional	
Loop: H1	Elements: 9

Loop Path: LX-H1

User Option (Usage): GTN Optional

Purpose: To specify information relative to hazardous material

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
H101	62	Hazardous Material Code	M	AN	4/10	GTN Required
Description: Code relating to hazardous material code qualifier for regulated hazardous materials						
Information: <Hazardous UN Number>						
H102	209	Hazardous Material Class Code	O	AN	1/4	GTN Optional
Description: Code specifying the kind of hazard for a material						
Information: <Hazardous IMO Class>						
H103	208	Hazardous Material Code Qualifier	O	ID	1/1	GTN Optional
Description: Code which qualifies the Hazardous Material Class Code (209)						
		<u>Code</u>	<u>Name</u>			
		I	Intergovernmental Maritime Organization (IMO) Code			
H104	64	Hazardous Material Description	O	AN	2/30	GTN Optional
Description: Material name, special instructions, and phone number if any						
H105	63	Hazardous Material Contact	O	AN	1/24	GTN Optional
Description: Phone number and name of person or department to contact in case of emergency						
H107	77	Flashpoint Temperature	X	N	1/3	GTN Optional
Description: The flashpoint temperature for hazardous material						
Information: <Hazardous Materials lowest Temperature>						
H108	355	Unit or Basis for Measurement Code	X	ID	2/2	GTN Optional
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
		<u>Code</u>	<u>Name</u>			
		CE	Centigrade, Celsius			
H109	254	Packing Group Code	O	ID	1/3	GTN Optional
Description: Code indicating degree of danger in terms of Roman number I, II or III						

Syntax Rules:

1. P0708 - If either H107 or H108 is present, then the other is required.

Semantics:

1. If H104 exceeds 30 characters, up to 10 H1 segments will be generated.

Comments:

1. This segment is required when the shipment contains hazardous material.
2. H107 is the lowest temperature for hazardous materials.
3. A second H1 segment, not-to-exceed 10 segments, will be generated immediately following the first H1 segment if the user enters a subsidiary code (H102) or if the proper shipping name exceeds 30 characters (H104).

H2 Additional Hazardous Material Description

Pos: 080	Max: 10
Detail - Optional	
Loop: H1	Elements: 2

Loop Path: LX-H1

User Option (Usage): GTN Optional

Purpose: To specify free-form hazardous material descriptive data in addition to the information provided in the H1 segment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H201	64	Hazardous Material Description	M	AN	2/30	GTN Required
		Description: Material name, special instructions, and phone number if any				
H202	274	Hazardous Material Classification	O	AN	1/30	GTN Required

Description: Free-form description of hazardous material classification or division or label requirements

Information:

The following Codes are used by Infor Nexus:

- P Primary Placard Code*
- S Secondary Placard Codes*
- MFA Medical First Aid Guide Code*
- EMS Emergency Medical Schedule Code*
- LQY Limited Quantity Shipment*
- R Residue Flag*
- MPI Marine Pollutant Flag*
- RQ Reportable Quantity*
- NEC Net Explosive Content*
- TEC Technical Name (if proper name is 'NOS')*

Comments:

- H202 qualifies H201 (Infor Nexus requirement – not an EDI requirement).

V1 Vessel Identification

Pos: 090	Max: 2
Detail - Optional	
Loop: N/A	Elements: 9

User Option (Usage): GTN Optional

Purpose: To provide vessel details and voyage number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
V101	597	Vessel Code Description: Code identifying vessel	X	ID	1/8	GTN Optional
V102	182	Vessel Name Description: Name of ship as documented in "Lloyd's Register of Ships"	X	AN	2/28	GTN Optional
V104	55	Flight/Voyage Number Description: Identifying designator for the particular flight or voyage on which the cargo travels	O	AN	2/10	GTN Optional
V108	897	Vessel Code Qualifier Description: Code specifying vessel code source	O	ID	1/1	GTN Optional
		Code Name				
		L Lloyd's Register of Shipping				

Syntax Rules:

1. R0102 - At least one of V101 or V102 is required.
2. C0801 - If V108 is present, then V101 is required.

Comments:

1. Infor Nexus will send a vessel code if the carrier partner has provided a list of codes for certain vessel names that we have mapped.

K1

Remarks

Pos: 110	Max: 2
Detail - Optional	
Loop: N/A	Elements: 2

User Option (Usage): GTN Optional

Purpose: To transmit information in a free-form format for comment or special instruction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
K101	61	Free-Form Message	M	AN	1/30	GTN Required
Description: Free-form information Information: <i>REQUEST 1 Customer would like the carrier to send back multiple booking numbers</i> <i>BKG NUMBER per container for carriers that support forced bookings</i> <i>PER CNTR</i>						
K102	61	Free-Form Message	O	AN	1/30	GTN Optional
Description: Free-form information Information: <i>NVO TO FILE NVO will file shipment with AMS</i> <i>SHIPMENT</i> <i>WITH AMS</i>						

SE Transaction Set Trailer

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): GTN Required

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	NO	1/10	GTN Required
Description: Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	GTN Required
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): GTN Required

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	GTN Required
Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	Group Control Number	M	N0	1/9	GTN Required
Description: Assigned number originated and maintained by the sender						

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA

Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): GTN Required

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	GTN Required
Description: A count of the number of functional groups included in an interchange						
IEA02	I12	Interchange Control Number	M	N0	9/9	GTN Required
Description: A control number assigned by the interchange sender						

Appendix A:

Appendix B:

Common Scenarios and Sample Files

B1. Sample Outbound 300 Message for 'pure' Breakbulk shipment

ISA*00* *00* *ZZ*GTNEXUS *ZZ*RECEIVERID *101201*1518*U*00401*013265728*I*T*>

GS*RO*GTNEXUS*RECEIVERID*20101201*151806*13265728*X*004010

ST*300*0001

B1*SCAC*13265720*20101201*N

G61*IC*SUBMITTING USER*TE*(555) 555-5555

G61*IC*SUBMITTING USER*FX*(555) 555-5555

Y7*****20101231

Y1*20101205**SCAC*BU****HH

Y2*3**BB*BKBK

Y2*3*R*HH*BBOS

N9*SI*SHIPMENT ID NUMBER / PLAN ID

N9*PO*ORDER NUMBER

N9*KL*CONTRACT REFERENCE NUMBER

N9*TOC**Additional Comments to Carrier and/or other p

N9*TOC**arties.

*N1*FW*FORWARDER PARTY NAME*
*N3*ADDRESS INFO*MORE INFO*
*N4*CITYNAME*CA*94602*US*
*N1*SH*SHIPPER NAME*25*10002298*
*N3*ADDRESS INFO*MORE INFO*
*N4*CITYNAME*CA*94602*US*
*N1*CN*CONSIGNEE NAME*
*N4*CITYNAME***AU*
*N1*R6*BOOKING PARTY NAME*25*10002298*
*N3*ADDRESS INFO*
*N4*CITYNAME*CA*94602*US*
*G6I*RQ*SUBMITTING USER*TE*(555) 555-5555*
*G6I*RQ*SUBMITTING USER*EM*nobody@example.com*
*R4*R*UN*USSAV*SAVANNAH*US***GA*
*DTM*168*20101201*1200*LT*
*R4*E*UN*AUFRE*FREMANTLE*AU*
*R4*L*UN*USSAV*SAVANNAH*US***GA*
*R4*D*UN*AUFRE*FREMANTLE*AU*
*LX*1*
*L0*1***99999,9999*G*99,99999*X*1*SKD**K*
*L5*1*ITEM DESCRIPTION****VIN#**Z*Y0.0*
*L4*9,99*9,99*9,99*X*
*L1*1***99999*****E*
*LX*2*
*L0*2***999,0009*G*9,99999*X*1*PLT**K*
*L5*2*ITEM DESCRIPTION****VIN#**Z*N0.0*
*L4*9,99*9,99*9,99*X*
*L1*2***99999*****E*
*LX*3*
*L0*3***99,9*G*99,999*X*1*BOX**K*
*L5*3*ITEM DESCRIPTION****VIN#**Z*N0.0*

L4*9.99*9.99*9.99*X

L1*3***99999*****E

V1**VESSEL**VOYAGE

SE*48*0001

GE*I*13265728

IEA*I*013265728

B2. Sample Outbound 300 Message for Containerized shipment

ISA*00* *00* *ZZ*GTNEXUS *ZZ*RECEIVERID *101201*1518*U*00401*013265728*I*T*>

GS*RO*GTNEXUS*RECEIVERID*20101201*151806*13265728*X*004010

ST*300*0001

B1*SCAC*13265720*20101201*N

G61*IC*SUBMITTING USER*TE*(555) 555-5555

G61*IC*SUBMITTING USER*FX*(555) 555-5555

Y7*****20101231

Y1*20101205**SCAC*BU***HH

Y2*6*R*HH*42GP

N9*SI*SHIPMENT ID NUMBER / PLAN ID

N9*PO*ORDER NUMBER

N9*KL*CONTRACT REFERENCE NUMBER

N9*TOC**Additional Comments to Carrier and/or other p

N9*TOC**arties.

N1*FW*FORWARDER PARTY NAME

N3*ADDRESS INFO*MORE INFO

N4*CITYNAME*CA*94602*US

N1*SH*SHIPPER NAME*25*10002298

N3*ADDRESS INFO*MORE INFO

N4*CITYNAME*CA*94602*US

N1*CN*CONSIGNEE NAME

N4*CITYNAME***AU

N1*R6*BOOKING PARTY NAME*25*10002298

N3*ADDRESS INFO

N4*CITYNAME*CA*94602*US

G6I*RQ*SUBMITTING USER*TE*(555) 555-5555

G6I*RQ*SUBMITTING USER*EM*nobody@example.com

R4*R*UN*USSAV*SAVANNAH*US***GA

DTM*168*20101201*1200*LT

R4*E*UN*AUFRE*FREMANTLE*AU

R4*L*UN*USSAV*SAVANNAH*US***GA

R4*D*UN*AUFRE*FREMANTLE*AU

LX*1

LO*1***999999.999*G*****K

L5*1*COMMODITY DESCRIPTION

L1*1***99999*****E

V1**VESSEL**VOYAGE

SE*36*0001

GE*I*13265728

IEA*1*013265728

B3. Sample Outbound 300 Message for 'Mixed' - Breakbulk and Containerized shipment (Working Example)

ISA*00* *00* *ZZ*GTNEXUS *ZZ*RECEIVERID *101201*1518*U*00401*013265728*I*T*>

GS*RO*GTNEXUS*RECEIVERID*20101201*151806*13265728*X*004010

ST*300*0001

B1*SCAC*13265720*20101201*N

G6I*IC*SUBMITTING USER*TE*(555) 555-5555

G6I*IC*SUBMITTING USER*FX*(555) 555-5555

Y7*****20101231

Y1*20101205**SCAC*BU***HH

Y2*3**BB*BKBK

Y2*1*R*HH*L5GP

Y2*3*R*HH*BBOS

N9*SI*SHIPMENT ID NUMBER / PLAN ID

N9*PO*ORDER NUMBER

N9*KL*CONTRACT REFERENCE NUMBER

N9*TOC**Additional Comments to Carrier and/or other p

N9*TOC**arties.

N1*FW*FORWARDER PARTY NAME

N3*ADDRESS INFO*MORE INFO

N4*CITYNAME*CA*94602*US

N1*SH*SHIPPER NAME*25*10002298

N3*ADDRESS INFO*MORE INFO

N4*CITYNAME*CA*94602*US

N1*CN*CONSIGNEE NAME

N4*CITYNAME***AU

N1*R6*BOOKING PARTY NAME*25*10002298

N3*ADDRESS INFO

N4*CITYNAME*CA*94602*US

G61*RQ*SUBMITTING USER*TE*(555) 555-5555

G61*RQ*SUBMITTING USER*EM*nobody@example.com

R4*R*UN*USSAV*SAVANNAH*US***GA

DTM*168*20101201*1200*LT

R4*E*UN*AUFRE*FREMANTLE*AU

R4*L*UN*USSAV*SAVANNAH*US***GA

R4*D*UN*AUFRE*FREMANTLE*AU

LX*1

L0*I***99999.9999*G*99.999999*X*I*SKD**K*BB

L5*I*ITEM DESCRIPTION*****VIN#**Z*Y0.0

L4*9.99*9.99*9.99*X

L1*I***99999*****E

LX*2

L0*2***999.0009*G*9.9999*X*I*PLT**K*BB

L5*2*ITEM DESCRIPTION****VIN#**Z*N0.0

L4*9.99*9.99*9.99*X

L1*2***99999*****E

LX*3

L0*3***99.9*G*99.999*X*I*BOX**K*BB

L5*3*ITEM DESCRIPTION****VIN#**Z*N0.0

L4*9.99*9.99*9.99*X

L1*3***99999*****E

LX*4

L0*4***999.99*G*99.99*X*I*CTN**K

L5*4*ITEM DESCR IN CONTAINER****VIN#FIELD BKGLINE**Z*N53112.0

L4*1.83*1.83*1.93*X

L1*4***99999*****E

LX*5

L0*5***999.99*G*99.99*X*I*CTN**K

L5*5*ITEM DESCR IN CONTAINER****VIN#FIELD BKGLINE**Z*N53112.0

L4*1.83*1.83*1.93*X

L1*5***99999*****E

VI**VESSEL**VOYAGE

SE*59*0001

GE*I*13265728

IEA*I*013265728

Master Scenario (Maximum segments / data elements)

ISA|00| |00| |ZZ|GTNEXUS |ZZ|CARRIER |140219|1436|U|00401|013432378|1|T|^~

GS|RO|GTNEXUS|CARRIER|20140219|143647|13432378|X|004010~

ST|300|0001~

B1|SYNR|13432378|20140219|N~

G61|IC|CONTACT NAME|TE|510-747-3240~
G61|IC|CONTACT NAME|EM|NAME@COMPANY.COM~
G61|IC|CONTACT NAME|FX|510-747-3201~
Y7|///|20101015~
Y1|20010910|20021215|SYNR|O|///|DD|018~
Y2|2|R|HH|45RE~
W09|CZ|20|FA|40|FA|REEFER COMMENTS GO HERE.....UP TO 60 CHARACTERS OF DATA.|B|30|5~
Y2|1|R|HH|22GP~
Y2|1|R|HH|42GP~
Y2|1|R|HH|42UT~
N9|BN|BOOKNUM111~
N9|KL|TESTCON111~
N9|AG|13432378~
N9|HO|CONTAINS HAZARDOUS~
N9|PO|123ABC456~
N9|CG|77883355~
N9|SI|TESTSID111~
N9|TOC|//PEND THE K1 COMMENTS). BOOKING COMMENTS AREA~
N9|TOC|//AVAILABLE TO THE CUSTOMER IN THE INBOUND 300ME~
N9|TOC|//SSAGE AND ARE PROCESSED BY GT NEXUS BEFORETHE~
N9|TOC|//Y ARE SUMMARILY SENT TO THE CARRIER IN THE OU~
N9|TOC|//TBOUND 300 MESSAGE. CARRIER BOOKING COMMENTS~
N9|TOC|// ARE PRESENT IN THE OUTBOUND 301 MESSAGE.30 C~
N1|CA|SYNR~
G61|CA|Admin~
N1|SH|SHIPPER NAME~
N3|122 MAIN STREET, SUITE 30|ALAMEDA, CA 94501-1122~
N4|ALAMEDA|CA|94501|US~
G61|SH|CONTACT NAME|TE|510-747-3240~
G61|SH|CONTACT NAME|EM|NAME@COMPANY.COM~
G61|SH|CONTACT NAME|FX|510-747-3201~

*N1|FW|FORWARDER NAME~
N3|122 MAIN STREET, SUITE 30|ALAMEDA, CA 94501-1122~
N4|ALAMEDA|CA|94501|US~
G61|FC|CONTACT NAME|TE|510-747-3240~
G61|FC|CONTACT NAME|EM|NAME@COMPANY.COM~
G61|FC|CONTACT NAME|FX|510-747-3201~
N1|CN|CONSIGNEE NAME~
N3|122 MAIN STREET, SUITE 30|ALAMEDA, CA 94501-1122~
N4|ALAMEDA|CA|94501|US~
G61|RE|CONTACT NAME|TE|510-747-3240~
G61|RE|CONTACT NAME|EM|NAME@COMPANY.COM~
G61|RE|CONTACT NAME|FX|510-747-3201~
N1|N1|NOTIFY 1 PARTY NAME~
N3|122 MAIN STREET, SUITE 30|ALAMEDA, CA 94501-1122~
N4|ALAMEDA|CA|94501|US~
G61|NT|CONTACT NAME|TE|510-747-3240~
G61|NT|CONTACT NAME|EM|NAME@COMPANY.COM~
G61|NT|CONTACT NAME|FX|510-747-3201~
N1|N2|NOTIFY 2 PARTY NAME~
N3|122 MAIN STREET, SUITE 30|ALAMEDA, CA 94501-1122~
N4|ALAMEDA|CA|94501|US~
G61|NT|CONTACT NAME|TE|510-747-3240~
G61|NT|CONTACT NAME|EM|NAME@COMPANY.COM~
G61|NT|CONTACT NAME|FX|510-747-3201~
N1|SF|SHIP FROM NAME~
N3|122 MAIN STREET, SUITE 30|ALAMEDA, CA 94501-1122~
N4|ALAMEDA|CA|94501|US~
G61|SD|CONTACT NAME|TE|510-747-3240~
G61|SD|CONTACT NAME|EM|NAME@COMPANY.COM~
G61|SD|CONTACT NAME|FX|510-747-3201~
N1|ST|SHIP TO NAME~*

N3|122 MAIN STREET, SUITE 30|ALAMEDA, CA 94501-1122~
N4|ALAMEDA|CA|94501|US~
G61|RQ|CONTACT NAME|TE|510-747-3240~
G61|RQ|CONTACT NAME|EM|NAME@COMPANY.COM~
G61|RQ|CONTACT NAME|FX|510-747-3201~
N1|R6|BOOKING PARTY NAME|25|SYNRTEST~
N3|122 MAIN STREET, SUITE 30|ALAMEDA, CA 94501-1122~
N4|ALAMEDA|CA|94501|US~
G61|RQ|CONTACT NAME|TE|510-747-3240~
G61|RQ|CONTACT NAME|EM|NAME@COMPANY.COM~
G61|RQ|CONTACT NAME|FX|510-747-3201~
R4|R|UN|DEVON|VOHRINGEN|DE~
DTM|168|20021215|09000000|LT~
R4|E|D|1401|NORFOLK|US|VA~
R4|L|K|42870|BREMERHAVEN|DE~
R4|D|D|1703|SAVANNAH|US|GA~
EA|GEN~
EA|ATM~
LX|I~
L0|1||13227|G|5|X|5|TNK||L~
L5|1|HAZARDOUS CHEMICALS|HARMONIZEDCODE|J~
H1|667788|45|I|HAZARDOUS CHEMICALS|JIM JONES-5107473200||10|CE|II~
H2|PRIMARY PLACARD CODE|P~
H2|SECONDARY PLACARD CODE|S~
H2|MEDICAL CODE|MFA~
H2|MED SCHEDULE CODE|EMS~
H2|true|LQY~
H2|true|R~
H2|true|MPI~
H2|true|RQ~
H2|NET EXPLOSIVE CONTENT|NEC~

H2/TECHNICAL CHEMICAL NAME/TEC~

LX/2~

L0/2///4336/G/10/E/30/PCS//L~

L5/2/ELECTRICAL GOODS/HARMONIZEDCODE/J~

LX/3~

L0/3///678/G///100/BOX//K~

L5/3/CANNED GOODS/HARMONIZEDCODE/J~

LX/4~

L0/4///3/G/5/X/1/VEH//S~

L5/4/TRACTOR/HARMONIZEDCODE/J~

L4/5/5/5/X~

V1/673/VESSEL NAME//9988W///Z~

SE/108/0001~

GE/1/13432378~

IEA/1/013432378~

(For the following see Inbound 301 MIG for related 301 sample file Scenarios)

Scenario 1

ISA/00/ |00/ |ZZ/GTNEXUS |ZZ/CARRIER |081105|1426/U|00401|000050449|1/T/^~

GS/RO/GTNEXUS/CARRIER/20081105/142613/50449/X/004010~

ST/300/0001~

B1/SYNR/50449/20081105/N~

G61/IC/Shipper/EM/nobody@gtnexus.com~

Y7/////20081211~

Y1/20081108//SYNR/O/////PP~

Y2/1/R/HH/42GP~

Y2/1/R/HH/22GP~

N9/KL/CTREF001~

N9/AG/50449~

N9|FN|FFWDREF001~
N9|PO|POREF001~
N9|CG|CONSREF001~
N9|SI|SHIPREF001~
N9|ZZ|MUTREF001~
N9|TOC||Scenario 1 - Port to Port, Multiple Container~
N9|TOC|| (two types).~
N1|CA|Synergy Test Carrier~
G61|CA|Admin~
N1|FW|Fast FF~
N3|100 Golden Way|10th Floor~
N4|Laem Chabang|||TH~
N1|CN|TMG Warehouse~
N3|123 Oak Street~
N4|Oakland|CA|94612|US~
N1|SH|Shipper|25|SYNRTEST~
N3|1111 Broadway|Fith Floor~
N4|Oakland|CA|94607|US~
N1|R6|Shipper|25|SYNRTEST~
N3|1111 Broadway|Fith Floor~
N4|Oakland|CA|94607|US~
G61|RQ|Shipper|EM|nobody@gtmexus.com~
R4|R|UN|THLCH|LAEM CHABANG|TH|||BR~
R4|E|UN|USOAK|OAKLAND|US|||CA~
R4|L|UN|THLCH|LAEM CHABANG|TH|||BR~
R4|D|UN|USOAK|OAKLAND|US|||CA~
LX|I~
L0|1|||25000|G|||250|CTN||K~
L5|1|HEALTH CARE SUPPLIES|HS123456|J~
SE|39|0001~
GE|I|50449~

IEA|1|000050449~

Scenario 1 (Cancel)

ISA|00| |00| |ZZ|GTNEXUS |ZZ|CARRIER |081105|1626|U|00401|000050477|1|T|^~

GS|RO|GTNEXUS|CARRIER|20081105|162613|50477|X|004010~

ST|300|0001~

B1|SYNR|50449|20081105|D~

G61|IC|Shipper|EM|nobody@gtnexus.com~

Y7|1|1|20081211~

Y1|20081111|SYNR|O|PP~

Y2|1|R|HH|42GP~

Y2|1|R|HH|22GP~

N9|BN|BOOKNUM0001~

N9|KL|CTREF001~

N9|AG|50449~

N9|FN|FFWDREF001~

N9|PO|POREF001~

N9|CG|CONSREF001~

N9|SI|SHIPREF001~

N9|ZZ|MUTREF001~

N9|TOC|/PLEASE CANCEL BOOKINGScenario 1 - Port to Por~

N9|TOC|/t, Multiple Container (two types).~

N1|CA|Synergy Test Carrier~

G61|CA|Admin~

N1|FW|Fast FF~

N3|100 Golden Way|10th Floor~

N4|Laem Chabang|TH~

N1|CN|TMG Warehouse~

N3|123 Oak Street~

N4/Oakland/CA/94612/US~
N1/SH/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
N1/R6/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
G61/RQ/Shipper/EM/nobody@gt nexus.com~
R4/R/UN/THLCH/LAEM CHABANG/TH///BR~
R4/E/UN/USOAK/OAKLAND/US///CA~
R4/L/UN/THLCH/LAEM CHABANG/TH///BR~
R4/D/UN/USOAK/OAKLAND/US///CA~
LX/1~
L0/1///25000/G///250/CTN//K~
L5/1/HEALTH CARE SUPPLIES/HS123456/J~
V1/ABC/PACIFIC KING//0100///Z~
SE/41/0001~
GE/1/50477~
IEA/1/000050477~

Scenario 1A

ISA/00/ |00/ |ZZ/GT NEXUS /ZZ/CARRIER |081105/1826/U/00401/000050454/1/T/^~
GS/RO/GT NEXUS/CARRIER/20081105/182613/50454/X/004010~
ST/300/0001~
B1/SYNR/50454/20081105/N~
G61/IC/Shipper/EM/nobody@gt nexus.com~
Y7/////20081211~
Y1/20081108//SYNR/O///PP~
Y2/1/R/HH/42GP~
Y2/1/R/HH/22GP~

N9/KL/CTREF001~
N9/AG/50454~
N9/FN/FFWDREF001A~
N9/PO/POREF001A~
N9/CG/CONSREF001A~
N9/SI/SHIPREF001A~
N9/ZZ/MUTREF001A~
N9/TOC//Scenario 1A - Port to Port, Multiple Container~
N9/TOC// (two types).~
N1/CA/Synergy Test Carrier~
G61/CA/Admin~
N1/FW/Fast FF~
N3/100 Golden Way/10th Floor~
N4/Laem Chabang///TH~
N1/CN/TMG Warehouse~
N3/123 Oak Street~
N4/Oakland/CA/94612/US~
N1/SH/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
N1/R6/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
G61/RQ/Shipper/EM/nobody@gt nexus.com~
R4/R/UN/THLCH/LAEM CHABANG/TH///BR~
R4/E/UN/USOAK/OAKLAND/US///CA~
R4/L/UN/THLCH/LAEM CHABANG/TH///BR~
R4/D/UN/USOAK/OAKLAND/US///CA~
LX/I~
L0/1///25000/G///250/CTN//K~
L5/1/HEALTH CARE SUPPLIES/HS123456/J~

SE/39/0001~

GE/1/50454~

IEA/1/000050454~

Scenario 1A (Update)

ISA/00/ |00/ |ZZ/GTNEXUS |ZZ/CARRIER |081105/2000/U/00401/000050488/1/T/^~

GS/RO/GTNEXUS/CARRIER/20081105/200011/50488/X/004010~

ST/300/0001~

B1/SYNR/50454/20081105/U~

G61/IC/Shipper/EM/nobody@gt nexus.com~

Y7/////20081128~

Y1/20081118//SYNR/O/////PP~

Y2/1/R/HH/42GP~

Y2/1/R/HH/22GP~

N9/KL/CTREF001~

N9/AG/50454~

N9/FN/FFWDREF001A~

N9/PO/POREF001A~

N9/CG/CONSREF001A~

N9/SI/SHIPREF001A~

N9/ZZ/MUTREF001A~

N9/TOC//Scenario 1A - Port to Port, Multiple Container~

N9/TOC// (two types).~

N1/CA/Synergy Test Carrier~

G61/CA/Admin~

N1/FW/Fast FF~

N3/100 Golden Way/10th Floor~

N4/Laem Chabang///TH~

N1/CN/TMG Warehouse~

N3|123 Oak Street~
N4|Oakland|CA|94612|US~
N1|SH|Shipper|25|SYNRTEST~
N3|1111 Broadway|Fith Floor~
N4|Oakland|CA|94607|US~
N1|R6|Shipper|25|SYNRTEST~
N3|1111 Broadway|Fith Floor~
N4|Oakland|CA|94607|US~
G61|RQ|Shipper|EM|nobody@gtnexus.com~
R4|R|UN|THLCH|LAEM CHABANG|TH|||BR~
R4|E|UN|USOAK|OAKLAND|US|||CA~
R4|L|UN|THLCH|LAEM CHABANG|TH|||BR~
R4|D|UN|USOAK|OAKLAND|US|||CA~
LX|1~
L0|1|||25000|G|||250|CTN||K~
L5|1|HEALTH CARE SUPPLIES|HS123456|J~
SE|39|0001~
GE|1|50488~
IEA|1|000050488~

Scenario 2

ISA|00| |00| |ZZ|GTNEXUS |ZZ|CARRIER |081105|1427|U|00401|000050450|1|T|^~
GS|RO|GTNEXUS|CARRIER|20081105|142715|50450|X|004010~
ST|300|0001~
B1|SYNR|50450|20081105|N~
G61|IC|Shipper|EM|nobody@gtnexus.com~
Y7|1|||20081122~
Y1|20081108||SYNR|O|||PD~
Y2|1|R|HH|42PL~
Y2|1|R|HH|22PL~

N9/KL/CTREF002~
N9/AG/50450~
N9/FN/FFWDREF002~
N9/PO/POREF002~
N9/CG/CONSREF002~
N9/SI/SHIPREF002~
N9/ZZ/MUTREF002~
N9/TOC//Scenario 2 - Port to Door, Multiple Container~
N9/TOC// (two types), Oversized Cargo.~
N1/CA/Synergy Test Carrier~
G61/CA/Admin~
N1/FW/Fast FF~
N3/100 Golden Way/10th Floor~
N4/Laem Chabang///TH~
N1/CN/TMG Warehouse~
N3/123 Oak Street~
N4/Oakland/CA/94612/US~
N1/ST/TMG Warehouse~
N3/123 Oak Street~
N4/Oakland/CA/94612/US~
G61/RQ/TMG Warehouse/TE/510-111-2222~
G61/RQ/TMG Warehouse/EM/TMG@TMGWarehouse.com~
N1/SH/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
N1/R6/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
G61/RQ/Shipper/EM/nobody@gtmexus.com~
R4/R/UN/THLCH/LAEM CHABANG/TH///BR~
R4/E/UN/USOAK/OAKLAND/US///CA~

R4/L|UN|THLCH|LAEM CHABANG|TH|BR~

R4/D|UN|USOAK|OAKLAND|US|CA~

LX|1~

L0|1||25000|G|||||K~

L5|1|HEALTH CARE SUPPLIES~

L4|3|2|3|X~

SE|45|0001~

GE|1|50450~

IEA|1|000050450~

Scenario 3

ISA|00| |00| |ZZ|GTNEXUS |ZZ|CARRIER |081105|1428|U|00401|000050451|1|T|^~

GS|RO|GTNEXUS|CARRIER|20081105|142815|50451|X|004010~

ST|300|0001~

B1|SYNR|50451|20081105|N~

G6|IC|Shipper|EM|nobody@gtnexus.com~

Y7|||||20081122~

Y1|20081108|20081110|SYNR|O||||DP|018~

Y2|1|S|HH|42GP~

N9|KL|CTREF003~

N9|AG|50451~

N9|FN|FFWDREF003~

N9|PO|POREF003~

N9|CG|CONSREF003~

N9|SI|SHIPREF003~

N9|ZZ|MUTREF003~

N9|TOC||Scenario 3 - Door to Port, Single Container, ~

N9|TOC||Shipper Supplied Container.~

N1|CA|Synergy Test Carrier~

G61/CA/Admin~
N1/FW/Fast FF~
N3/100 Golden Way/10th Floor~
N4/Laem Chabang///TH~
N1/CN/TMG Warehouse~
N3/123 Oak Street~
N4/Oakland/CA/94612/US~
N1/SF/CH Supplies~
N3/400 D Avenue/4th Floor~
N4/Laem Chabang///TH~
G61/SD/CH Supplies/TE/+0133445567~
G61/SD/CH Supplies/EM/CH@CHSupplies.com~
N1/SH/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
N1/R6/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
G61/RQ/Shipper/EM/nobody@gt nexus.com~
R4/R/UN/THLCH/LAEM CHABANG/TH///BR~
DTM/168/20081110/050000/LT~
R4/E/UN/USOAK/OAKLAND/US///CA~
R4/L/UN/THLCH/LAEM CHABANG/TH///BR~
R4/D/UN/USOAK/OAKLAND/US///CA~
LX/1~
L0/1///5000/G/////K~
L5/1/HEALTH CARE SUPPLIES~
SE/44/0001~
GE/1/50451~
IEA/1/000050451~

Scenario 4

ISA|00| |00| |ZZ|GTNEXUS |ZZ|CARRIER |081105|1430|U|00401|000050452|1|T|^~

GS|RO|GTNEXUS|CARRIER|20081105|143016|50452|X|004010~

ST|300|0001~

B1|SYNR|50452|20081105|N~

G61|IC|Shipper|EM|nobody@gtnexus.com~

Y7|_|_|_|20081122~

Y1|20081111|SYNR|O|_|_|PP~

Y2|1|R|HH|42GP~

N9|KL|CTREF004~

N9|AG|50452~

N9|HO|CONTAINS HAZARDOUS~

N9|FN|FFWDREF004~

N9|PO|POREF004~

N9|CG|CONSREF004~

N9|SI|SHIPREF004~

N9|ZZ|MUTREF004~

N9|TOC|Scenario 4 - Port to Port, Single Container, ~

N9|TOC|Hazardous Cargo.~

N1|CA|Synergy Test Carrier~

G61|CA|Admin~

N1|FW|Fast FF~

N3|100 Golden Way|10th Floor~

N4|Laem Chabang|_|_|TH~

N1|CN|TMG Warehouse~

N3|123 Oak Street~

N4|Oakland|CA|94612|US~

N1|SH|Shipper|25|SYNRTEST~

N3|1111 Broadway|Fith Floor~

N4|Oakland|CA|94607|US~

N1/R6/Shipper/25|SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland|CA|94607|US~
G61/RQ/Shipper|EM|nobody@gt nexus.com~
R4/R|UN|THLCH|LAEM CHABANG|TH|BR~
R4/E|UN|USOAK|OAKLAND|US|CA~
R4/L|UN|THLCH|LAEM CHABANG|TH|BR~
R4/D|UN|USOAK|OAKLAND|US|CA~
LX/I~
L0/1||5000|G||||K~
L5/1|HAZ HEALTH CARE SUPPLIES~
H1/3101||I|Organic Peroxide Type B, liqu|111-222-4444||36|CE|II~
H2|false|LQY~
H2|false|R~
H2|true|MPI~
H2|false|RQ~
SE/44/0001~
GE/1/50452~
IEA/1/000050452~

Scenario 5

ISA/00/ |00/ |ZZ|GTNEXUS |ZZ|CARRIER |081105|1431|U|00401|000050453|1/T|^~
GS/RO|GTNEXUS|CARRIER|20081105|143117|50453|X|004010~
ST/300|0001~
B1|SYNR|50453|20081105|N~
G61|IC|Shipper|EM|nobody@gt nexus.com~
Y7||||20081122~
Y1|20081111||SYNR|O||||PP~
Y2/1|R|HH|42RE~
W09|CZ|10|CE|35|CE|A|30~

N9/KL/CTREF005~
N9/AG/50453~
N9/FN/FFWDREF005~
N9/PO/POREF005~
N9/CG/CONSREF005~
N9/SI/SHIPREF005~
N9/ZZ/MUTREF005~
N9/TOC//Scenario 5 - Port to Port, Single Container, ~
N9/TOC//Refrigerated Cargo.~
N1/CA/Synergy Test Carrier~
G61/CA/Admin~
N1/FW/Fast FF~
N3/100 Golden Way/10th Floor~
N4/Laem Chabang///TH~
N1/CN/TMG Warehouse~
N3/123 Oak Street~
N4/Oakland/CA/94612/US~
N1/SH/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
N1/R6/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
G61/RQ/Shipper/EM/nobody@gt nexus.com~
R4/R/UN/THLCH/LAEM CHABANG/TH///BR~
R4/E/UN/USOAK/OAKLAND/US///CA~
R4/L/UN/THLCH/LAEM CHABANG/TH///BR~
R4/D/UN/USOAK/OAKLAND/US///CA~
LX/I~
L0/1///5000/G/////K~
L5/1/REFRIGERATED HEALTH CARE SUPPLIES~

SE/39/0001~

GE/1/50453~

IEA/1/000050453~

Scenario 6

ISA/00/ |00/ |ZZ/GTNEXUS |ZZ/CARRIER |081104/1514/U/00401/000050292/1/T/^~

GS/RO/GTNEXUS/CARRIER/20081104/151403/50292/X/004010~

ST/300/0001~

B1/SYNR/50292/20081104/N~

G61/IC/Shipper/EM/nobody@gt nexus.com~

Y7/////20081122~

Y1/20081111//SYNR/O/////PP~

Y2/3/R/HH/42GP~

N9/KL/CTREF006~

N9/AG/50292~

N9/FN/FFWDREF006~

N9/PO/POREF006~

N9/CG/CONSREF006~

N9/SI/SHIPREF006~

N9/ZZ/MUTREF006~

N9/TOC//Scenario 6 - Port to Port, Multiple Container~

N9/TOC// (three - same type), Rolled Container ("Spli~

N9/TOC//t" Booking).~

N1/CA/Synergy Test Carrier~

G61/CA/Admin~

N1/FW/Fast FF~

N3/100 Golden Way/10th Floor~

N4/Laem Chabang///TH~

N1/CN/TMG Warehouse~

N3|123 Oak Street~
N4|Oakland|CA|94612|US~
N1|SH|Shipper|25|SYNRTEST~
N3|1111 Broadway|Fith Floor~
N4|Oakland|CA|94607|US~
N1|R6|Shipper|25|SYNRTEST~
N3|1111 Broadway|Fith Floor~
N4|Oakland|CA|94607|US~
G61|RQ|Shipper|EM|nobody@gtnexus.com~
R4|R|UN|THLCH|LAEM CHABANG|TH|||BR~
R4|E|UN|USOAK|OAKLAND|US|||CA~
R4|L|UN|THLCH|LAEM CHABANG|TH|||BR~
R4|D|UN|USOAK|OAKLAND|US|||CA~
LX|1~
L0|1|||50000|G|||||K~
L5|1|HEALTH CARE SUPPLIES~
SE|39|0001~
GE|1|50292~
IEA|1|000050292~

Scenario 7

ISA|00| |00| |ZZ|GTNEXUS |ZZ|CARRIER |081105|1430|U|00401|000050460|1|T|^~
GS|RO|GTNEXUS|CARRIER|20081105|143015|50460|X|004010~
ST|300|0001~
B1|SYNR|50460|20081105|N~
G61|IC|Shipper|EM|nobody@gtnexus.com~
Y7|||||20081126~
Y1|20081111|20081108|SYNR|O||||DD|018~
Y2|1|R|HH|22GP~
N9|KL|CTREF007~

N9|AG|50460~
N9|FN|FFWDREF007~
N9|PO|POREF007~
N9|CG|CONSREF007~
N9|SI|SHIPREF007~
N9|ZZ|MUTREF007~
N9|TOC||Scenario 7 - Door to Door, Pre-Carriage Truck~
N9|TOC||Feeder (Origin), Transshipment/Main Haul (Or~
N9|TOC||igin), On-Carriage Truck (Destination) Cargo ~
N9|TOC||Move.~
N1|CA|Synergy Test Carrier~
G61|CA|Admin~
N1|FW|Fast FF~
N3|100 Golden Way|10th Floor~
N4|Laem Chabang|||TH~
N1|CN|TMG Warehouse~
N3|123 Oak Street~
N4|Oakland|CA|94612|US~
N1|SF|CH Supplies~
N3|400 D Avenue|4th Floor~
N4|Laem Chabang|||TH~
G61|SD|CH Supplies|TE|+0133445567~
G61|SD|CH Supplies|EM|CH@CHSupplies.com~
N1|ST|TMG Warehouse~
N3|123 Oak Street~
N4|Oakland|CA|94612|US~
G61|RQ|TMG Warehouse|TE|510-111-2222~
G61|RQ|TMG Warehouse|EM|TMG@TMGWarehouse.com~
N1|SH|Shipper|25|SYNRTEST~
N3|1111 Broadway|Fith Floor~
N4|Oakland|CA|94607|US~

N1/R6/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
G61/RQ/Shipper/EM/nobody@gtmexus.com~
R4/R/UN/THLCH/LAEM CHABANG/TH///BR~
DTM/168/20081108/050000/LT~
R4/E/UN/USOAK/OAKLAND/US///CA~
R4/L/UN/THLCH/LAEM CHABANG/TH///BR~
R4/D/UN/USOAK/OAKLAND/US///CA~
LX/1~
L0/1///500/G/////K~
L5/1/HEALTH CARE SUPPLIES~
SE/51/0001~
GE/1/50460~
IEA/1/000050460~

Scenario 8

ISA/00/ |00/ |ZZ/GTNEXUS |ZZ/CARRIER |081105/1430/U/00401/000050461/1/T/^~
GS/RO/GTNEXUS/CARRIER/20081105/143015/50461/X/004010~
ST/300/0001~
B1/SYNR/50461/20081105/N~
G61/IC/Shipper/EM/nobody@gtmexus.com~
Y7/////20081126~
Y1/20081111/20081108/SYNR/O///PP/018~
Y2/1/R/HH/22GP~
N9/KL/CTREF008~
N9/AG/50461~
N9/FN/FFWDREF008~
N9/PO/POREF008~

N9/CG/CONSREF008~
N9/SI/SHIPREF008~
N9/ZZ/MUTREF008~
N9/TOC//Scenario 8 - Port to Port, Empty Container Pi~
N9/TOC//ck-up/Full Container Drop-off, Pre-Carriage F~
N9/TOC//eeder (Origin), Transshipment/Main Haul (Orig~
N9/TOC//in) Cargo Move.~
N1/CA/Synergy Test Carrier~
G61/CA/Admin~
N1/FW/Fast FF~
N3/100 Golden Way/10th Floor~
N4/Laem Chabang///TH~
N1/CN/TMG Warehouse~
N3/123 Oak Street~
N4/Oakland/CA/94612/US~
N1/SH/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
N1/R6/Shipper/25/SYNRTEST~
N3/1111 Broadway/Fith Floor~
N4/Oakland/CA/94607/US~
G61/RQ/Shipper/EM/nobody@gtmexus.com~
R4/R/UN/THLCH/LAEM CHABANG/TH///BR~
R4/E/UN/USOAK/OAKLAND/US///CA~
R4/L/UN/THLCH/LAEM CHABANG/TH///BR~
R4/D/UN/USOAK/OAKLAND/US///CA~
LX/I~
L0/1///500/G/////K~
L5/1/HEALTH CARE SUPPLIES~
SE/40/0001~
GE/1/50461~

IEA/1/000050461~

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 ISA06
- Receiver ID = Functional Application Receiver ID GS03
- Message Type = Functional Identifier Code GS01
- Transmission ID = Interchange Control Number ISA13
- Trans Date Time = ISA09 + ISA10 + file generation seconds.milliseconds in YYMMDDTHHMMSSms format
- EXT = .X12

For example: SENDERID_CUSTCODE_RO_000001046_20081222T14102926.X12

Appendix D:

Document Change Log

Version	Date	Author(s)	Summary of Changes/Comments
	6/19		Updated Valid value of L5-04 = 'J'
	02/16/04		Updated complete list of supported container types to Y2
	07/15/04		Added to L0 Comment #1 that L006, L007, L008, and L009 are used for hazardous material bookings only, but will be sent if provided for non-hazardous bookings
	03/14/05		Added use if N101 = 'R6' in place of 'BP' for Booking Party
	05/25/05		Added L009 Packaging Form Codes of: 'BSK', 'CAG', 'CHS', 'CRD', 'FIR', 'HPR', 'HGH', 'PLN', 'TRC' and 'WRP'
	07/02/05		- Removed generation of the H107 of '999', and H108 of 'CE', if the customer does not provide H107 - Added comment regarding additional H1 segments generated, up to 10, if H104 exceeds 30 characters
	03/01/06		Added to H1 Comment #2 that GT Nexus will set the H107 to '999' if no value is provided by the customer
	10/08/07		- Updated element counts throughout - Y203 - Added BB for Breakbulk - Added comment Y2: "allowable equipment substitution remarks sent

			<p>in N9 segment"</p> <ul style="list-style-type: none"> - Updated N9 comments: - Allowable Equipment substitution instructions - Added DTM segment to R4 - Revised L0 comments to include breakbulk - Remove all "NIT" wording
	12/11/08		<ul style="list-style-type: none"> - Removed the Usage indicator of "GTN Req." for Y101 - Added Comments within Y7 and Y1 section, where one or both of Y101 (Earliest Departure from Place of Receipt) and / or Y705 (Latest Arrival at Place of Delivery) will be provided
	02/20/09		<p>Added L101 (Lading Line Item Number) definition</p>
	04/22/09		<p>Added N9 Reference support of: 'PO', 'SO' and 'SR', since these are supported within the Inbound 300 message (customer-facing), and support is configurable by customer / carrier</p>
	12/01/10		<ul style="list-style-type: none"> - Included the Reservation Action Code for Delete to B104 - Removed the reference to "(FCL Only)" on Y108 - Added list of codes currently configured for Break Bulk Bookings in Y108 - Added Comment #3 regarding additional Rail Tariff Service Codes that may be configured
	12/03/10		<ul style="list-style-type: none"> - Updated Y201 description to include 'Number of Break Bulk Items' - Added BKBK and BBOS to Equipment Types in Y204 - Removed Syntax Note #7 on N9 'GT Nexus sends 1 or more TCN's on every new or changed booking.' - this may no longer be true, not in the samples generated - Updated usage note on L004 - required for non-containerized items - Updated L509 - Char 1="Y"- Ro/Ro, "N" - Not Ro/Ro - Added Sample for 'pure' BreakBulk Booking
	12/06/10		<ul style="list-style-type: none"> - Added Sample for Containerized Booking - Added Sample for working definition of mixed Booking - Updated L506 - will contain values provided in VIN/Serial# field on Booking UI. Also, change 'Required for Vehicle' to 'Required for non-containerized items - Updated L509 - updated usage text to reflect current usage based on flag

	12/08/10		<p>on Booking Lines. Also, change 'Required for Vehicle' to 'Required for non-containerized items</p> <ul style="list-style-type: none"> - Added L012 - as flag to denote lines on Booking that are Breakbulk if the Booking is a mixed booking - Changed all usage notes previously noted as 'Required for Vehicle' to 'Required for non-containerized items - Added N101 of 'R6' and G6101 of 'RQ' as an alternative Name and Contact qualifier for the Booking Party - Added a Comment regarding possible combinations of G6103 Contact information qualifiers at the "Header" level
	12/15/10		<ul style="list-style-type: none"> - Changed Y108 Tariff Service Code of 'PP' to 'MM' for GT Nexus: BreakBulk, Liner In - Liner Out - Updated L506 description specific to RoRo (Vehicle) and BreakBulk, removed Comment #2 (not relevant)
	08/12/11		Added N9 Reference support of: 'ZZ' for 'Mutually Defined'
	04/02/13		<ul style="list-style-type: none"> - Added a new Location Function - TransshipmentPort - Added a new Party "Type" - RequestEmptyPickup - Added support for new Packaging Form under Commodity (L009) 'Parcel' with the code 'PKG'
1.1	05/28/13	T. Galinski	Added N9*BM reference
15.1	03/05/14	Zdravko Belicajevic	Added sample files / scenarios to Appendix B.
	03/03/15		- Per GTN-21176, added the following equipment type codes (element Y204): 00B0, TRTK, TRFB, TROT, TRRF, F2A0
19.6	09/14/2019	Zdravko Belicajevic	<p>Replaced the logo and all references to "GT Nexus" with "Infor Nexus"</p> <ul style="list-style-type: none"> - For the R4 segment, replaced the Comments section with the Note1, which contains additional clarification on the usage of the R4 segment and associated DTM segment - Updated the requirement for the presence of the R4 segments with R401 codes "D" and "L" - from required to optional
20.2	02/19/2020	Zdravko Belicajevic	
20.5	08/12/2021	Alok Pal	Added the new R401 qualifier: 'O' - Booking Office
