Navy Exchange Service Command

210 Motor Carrier Freight Details and Invoice
Functional Group ID=IM

Introduction:
This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Freight Details and Invoice Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

Notes:
The following document identifies the NEXCOM business requirements for the Motor Carrier Freight Details and Invoice. This definition contains all data that NEXCOM will utilize in the processing this document. All segments marked "MANDATORY", are required by NEXCOM and should always be transmitted.
All segments marked "OPTIONAL" may be transmitted as necessary in their respective segments.
For each level in the hierarchical structure, the following segments are expected by NEXCOM:

Segment: ISA - INTERCHANGE CONTROL HEADER		**Level: ENVELOPE**
Loop:	**Max Use: 1**	**Usage: MANDATORY**

PURPOSE: To start and identify an interchange of one or more functional groups.

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
ISA01	Authorization Information Qualifier	ID 2/2	00
ISA02	Authorization Information	AN 10/10	Ten blank positions.
ISA03	Security Information Qualifier	ID 2/2	00
ISA04	Security Information	AN 10/10	Ten blank positions.
ISA05	Interchange ID Qualifier	ID 2/2	Vendor's ID qualifier
ISA06	Interchange Sender ID	AN 15/15	Vendor's ID
ISA07	Interchange ID Qualifier	ID 2/2	'08'
ISA08	Interchange Receiver Id	AN 15/15	'9252671859'
ISA09	Interchange Date	DT 6/6	YYMMDD
ISA10	Interchange Time	TM 4/4	HHMM
ISA11	Interchange Control Standards Identifier	ID 1/1	U = ACS X12.
ISA12	Interchange Control Version Number	ID 5/5	00401
ISA13	Interchange Control Number	N 9/9	Sequential Number.
ISA14	Acknowledgment Requested	ID1/1	0
ISA15	Test Indicator	ID 1/1	P for Production / T for Testing
ISA16	Sub-element Separator	M 1/1	>

Segment: GS - FUNCTIONAL GROUP HEADER		**Level: GROUP**
Loop	**Max Use: 1**	**Usage: MANDATORY**

PURPOSE: To start and identify a functional group of related transaction sets and provide control and application identification information.

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
GS01	Functional Identifier Code	ID 2/2	IM- Ship Notice

GS02	Application Sender's Code	AN 2/15	Vendor Id number
GS03	Application Receiver's Code	AN 2/15	'9252671859'
GS04	Date	DT 8/8	CCYYMMDD.
GS05	Time	TM 4/8	HHMM.
GS06	Group Control Number	N 1/9	Sequential Number.
GS07	Responsible Agency Code	ID 1/2	X - X12
GS08	Version/Release/Industry Identifier Code	AN 1/12	004010VICS

Segment: ST - TRANSACTION SET HEADER   **Level: HEADER**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To indicate the start of a purchase order transaction set and to assign a control number.

Seg Desc	**Data Element Name**	**Attributes**	**NEXCOM Required Codes/Values**
ST01	Transaction ID	ID 3/3	210
ST02	Control Number	AN 4/9	Sequential Number.

Segment: B3 - BEGINNING SEGMENT FOR Carrier's Invoice   **Level: HEADER**

Loop: **Max Use: 1**   **Usage: MANDATORY**

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

Seg Desc	**Data Element Name**	**Attributes**	**NEXCOM Required Codes/Values**
B301	Shipment Qualifier	ID 1/1	B – Bill of Lading for Individual Shipment
B302	Invoice Number	AN 1/22	Carrier Pro/Invoice number
B303	Shipment Identification Number	AN 1/30	Shipper's Bill of Lading number
B305	Weight Unit Code	ID 1/1	L – Pounds
B306	Date	DT 8/8	Freight invoice date
B307	Net Amount Due	N2 1/12	Net amount due
B308	Correction Indicator	ID 2/2	
B309	Delivery Date	DT 8/8	Delivery date to final consignee
B310	Date Qualifier	ID 3/3	140 – Actual
B311	Standard Carrier Alpha Code	ID 2/4	

Segment: N9 – Reference Identification   **Level:HEADER**
Loop: **Max Use: 1**   **Usage: MANDATORY**

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

Seg Desc	**Data Element Name**	**Attributes**	**NEXCOM Required Codes/Values**
N901	Reference Identification Qualifier	ID 2/3	AE - Authorization for Expense (AFE)
			IA - Internal Vendor Number
			OI - Original Invoice Number
			PO - Purchase Order
N902	Reference Identification	AN 1/50	

Navy Exchange Service Command

Segment: G62 – Date/Time			Level:HEADER	
Loop:		Max Use: 1	Usage: MANDATORY	

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

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values	
G6201	Date Qualifer	ID 2/2	35 Delivered on This Date	
			86 Actual Pickup Date	
G6202	Date	DT 8/8		
G6203	Time Qualifier	ID 1/2	8 Actual Pickup Time	
			9 Actual Delivery Time	
G6204	Time	TM 4/8		

Segment: R3 – Route Information - Motor			Level:HEADER	
Loop:		Max Use: 1	Usage: MANDATORY	

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

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values	
R301	Standard Carrier Alpha Code	ID 2/4		
R302	Routing Sequence Code	ID ½	1	1st Carrier after Origin Carrier
			2	2nd Carrier after Origin Carrier
			B	Origin/Delivery Carrier (Any Mode)
			O	Origin Carrier (Air, Motor, or Ocean)
R304	Transportation Method/Type Code	ID 1/2	A	Air
			J	Motor
			U	Private parcel Service
			X	Intermodal (Piggyback)
			LT	Less than Trailer Load (LTL)

Segment: N1 - NAME			Level: DETAIL (Shipment)	
Loop: HL/ N1		Max Use: 1	Usage: MANDATORY	

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

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values	
N101	Entity Identifier Code	ID 2/3	BT –Bill-toParty	
			CN Consignee	
			SF Ship From	
			SH Shipper	
N102	Name	AN 1/60	Ship To Name	

Segment: N3 - ADDRESS INFORMATION			Level: DETAIL (Shipment)	
Loop: HL/N1		Max Use: 2	Usage: OPTIONAL	

PURPOSE: To specify the location of the named party.

Seg   NEXCOM Required

Desc	Data Element Name	Attributes	Codes/Values
N301	Address Information	AN 1/55	
N302	Address Information	AN 1/55	

Segment: N4 - GEOGRAPHIC LOCATION			**Level: DETAIL (Shipment)**
Loop: HL/N1		**Max Use: 1**	**Usage: OPTIONAL**

PURPOSE: To specify the geographic place of the named party.

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
N401	City Name	AN 2/30	
N402	State or Province Code	ID 2/2	
N403	Postal Code	ID 3/15	
N404	Country Code	ID 2/3	

Segment: LX – Assigned Number			**Level: DETAIL**

PURPOSE: To reference a line number in a transaction set.

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
LX01	Assigned Number		N0 1/6

Segment: N9 – Reference Identification			**Level: DETAIL**

PURPOSE: To transmit identifying numbers and descriptive information as specified by the reference number qualifier.

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
N901	Reference Identification Qualifer	ID 2/3	PO Purchase Order Numer ST Store Number
N902	Reference Identification	AN 1/50	

Segment: L5 – Description, Marks and Numbers			**Level: SUMMARY**

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

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
L501	Lading Line Item Number	N0 1/3	Sequential line number
L502	Lading Description	AN 1/50	
L503	Commodity Code	AN 1/16	
L504	Commodity Code Qualifier	ID 1/1	N National Motor Freight Classification

Segment: L0 – Line Item – Quantity and Weight   **Level:**

PURPOSE: To specify the owner, the identification number assigned by that owner, and the type of equipment

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
L001	Lading Line Item Number N0	1/3	Sequential line number
L002	Billed/Rated-as Quantity	X 1/11	
L003	Billed/Rated-as Qualifier	ID 2/2	CF - Cubic Foot
			EA - Each
			FR - Flat Rate
			LB - Pound
			DM - Miles
			NL - Load
L004	Weight	R 1/10	Include decimal point (unless whole num)
L005	Weight Qualifier	ID 1/2	F Deficit Weight; G Gross weight
			N Actual Net Weight; T Tare weight
L006	Volume	R 1/8	
L007	Volume Unit Qualifier	ID 1/1	E Cubic Feet
L008	Lading Quantity	N0 1/7	
L009	Packaging Form Code	ID 3/3	PCS pieces
			PLT pallet
			SKD skid
L010	Not Used by NEXCOM		
L011	Weight Unit Code	ID 1/1	L Pounds
L013	Quantity	X 1/15	
L014	Packaging Form Code	ID 3/3	CTN carton
			CAS case
L015	Yes/No condition or Response	ID 1/1	W

Segment: L1 – Rate and Charges   **Level:**

PURPOSE: To specify shipment details in terms of weight, and quantity of handling units

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values	
L101	Lading Line Item Number	N0 1/3	Sequential line number	
L102	Freight Rate	R 1/9	Includes decimal pt if not whole num	
L103	Rate/Value Qualifier	ID 2/2	PH Per Hundred	
			AV Adjusted	
L104	Charge	N2 1/12		
L108	Special Charge or Allowance	ID 3/3	020	Address Correction
			025	Advance Destination Amt
			WTG	Waiting Time
			PWT	Pallet Allowance
			DSC	Discount
			ENS	Energy Surcharge (Fuel Adj Factor)
			DAA	Deficit Freight
			AAM	Additional Material
L112	Special Charge Description	AN 2/25	DISC	
			FSC	
			PLTW	
			IDIS	
			DEF	
			TARE	

Segment: L7 – Tariff Reference			Level:
PURPOSE: To reference details of the tariff used to arrive at applicable rates or charge			

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
L701	Lading Line Item Number	N0 1/3	Sequential line number
L702	Tariff Agency Code	ID 1/4	
L703	Tariff number	AN 1/7	
L707	Freight Class Code	AN 2/5	(55,65,70,85,100,150)

Segment: L3 – Total Weight and Charges			Level:
PURPOSE: To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items.			

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
L301	Weight	R 1/10	Total of all L004 elements (excpt deficit weight)
L302	Weight Qualifier	ID 1/2	G Gross Weight
L305	Charge	N2 1/12	Total of all L104 charges
L309	Volume	R 1/8	Total of all L006 elements
L310	Volume Unit Qualifier	ID 1/1	E Cubic Feet; G Gallons
L311	Lading Quantity	N0 1/7	Total of all L008 elements

Segment: SE - TRANSACTION SET TRAILER		Level: SUMMARY	
Loop: HL/N1	Max Use: 1	Usage: MANDATORY	

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)

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
SE01	Number of Included Segments	N 1/10	
SE02	Transaction Set Control Number	AN 4/9	

Segment: GE - FUNCTIONAL GROUP TRAILER		Level: SUMMARY	
Loop:	Max Use: 1	Usage: MANDATORY	

PURPOSE: To define the end of a functional group of related transaction sets.

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
GE01	Number of Transaction Sets Included	N 1/6	Total Number of Transaction Sets
GE02	Group Control Number	N 1/9	Sequential Number, same as GS06

Navy Exchange Service Command

Segment: IEA - INTERCHANGE CONTROL TRAILER		Level: ENVELOPE
Loop:	Max Use: 1	Usage: MANDATORY

PURPOSE: To define the end of an interchange of one or more functional groups and related control.

Seg Desc	Data Element Name	Attributes	NEXCOM Required Codes/Values
IEA01	Number of Included Functional Groups	N 1/5	
IEA02	Interchange Control Number	N 9/9	Same as ISA 13