Texas Education Agency

210 (Freight Details and Invoice) Standard 3070

VERSION: 1.5 Draft

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210 Motor Carrier Freight Details and Invoice

Functional Group = **IM**

Heading:

Pos	ID	Segment Name	Req	Max Use	Repeat	Notes	Usage
001	ISA	Interchange Control Header	M	1			
002	GS	Functional Group Header	M	1			
010	ST	Transaction Set Header	M	1			
020	B3	Beginning Segment for Carrier's Invoice	M	1			
025	B2A	Set Purpose	M	1			
060	N9	Reference Identification	O	300			
Loop ID – 0100					2		
110	N1	Name	O	2			
021	GE	Functional Group Trailer	M	1			
022	IEA	Interchange Control Trailer	M	1			

Detail:

Pos	ID	Segment Name	Req	Max Use	Repeat	Notes	Usage
Loop ID - 0400					9999		

120	**LX**	**Assigned Number**	**O**	**1**
137	**POD**	**Proof of Delivery**	**O**	**1**
140	**L5**	**Description, Marks and Numbers**	**O**	**30**
170	**L0**	**Line Item – Quantity and Weight**	**O**	**10**
180	**L1**	**Rate and Charges**	**O**	**10**
200	**L7**	**Tariff Reference**	**O**	**10**

Summary:

Pos	ID	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	**L3**	**Total Weight and Charges**	**O**	**1**			
020	**SE**	**Transaction Set Trailer**	**M**	**1**			

ISA

Interchange Control Header

Pos: 001 Max: 1

Heading - Mandatory

Loop: N/A Elements: 16

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ISA01	**I01**	**Authorization Information Qualifier** **Code Name** 00	**M**	**ID**	**2/2**
ISA02	**I02**	**Authorization Information**	**M**	**AN**	**10/10**
ISA03	**I03**	**Security Information Qualifier** **Code Name** 00	**M**	**ID**	**2/2**
ISA04	**I04**	**Security Information**	**M**	**AN**	**10/10**
ISA05	**I05**	**Interchange ID Qualifier** **Code Name** ZZ	**M**	**ID**	**2/2**
ISA06	**I06**	**Interchange Sender ID**	**M**	**AN**	**15/15**
ISA07	**I05**	**Interchange ID Qualifier** **Code Name** ZZ	**M**	**ID**	**2/2**
ISA08	**I07**	**Interchange Receiver ID**	**M**	**AN**	**15/15**
ISA09	**I08**	**Interchange Date**	**M**	**DT**	**6/6**
ISA10	**I09**	**Interchange Time**	**M**	**TM**	**4/4**
ISA11	**I10**	**Interchange Control Standards Identifier** **Code Name** U	**M**	**ID**	**1/1**
ISA12	**I11**	**Interchange Control Version Number** **Code Name** 00307	**M**	**ID**	**5/5**
ISA13	**I12**	**Interchange Control Number**	**M**	**N0**	**9/9**
ISA14	**I13**	**Acknowledgment Requested** **Code Name** 1	**M**	**ID**	**1/1**
ISA15	**I14**	**Test Indicator** **Code Name**	**M**	**ID**	**1/1**

ISA16	**I15**	**Component Element Separator**	**M**	**1/1**

GS Functional Group Header

Pos: 002 Max: 1
Heading – Mandatory
Loop: N/A Elements: 8

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
GS01	**479**	**Functional Identifier Code** **Code Name** IM	**M**	**ID**	**2/2**
GS02	**142**	**Application Sender's Code**	**M**	**AN**	**2/15**
GS03	**124**	**Application Receiver's Code**	**M**	**AN**	**2/15**
GS04	**373**	**Date**	**M**	**DT**	**6/6**
GS05	**337**	**Time**	**M**	**TM**	**4/8**
GS06	**28**	**Group Control Number**	**M**	**N0**	**1/9**
GS07	**455**	**Responsible Agency Code** **Code Name** X	**M**	**ID**	**1/2**
GS08	**480**	**Version /Release/ Industry Identifier Code** **Code Name** 003070	**M**	**AN**	**1/12**

ST Transaction Set Header

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ST01	**143**	**Transaction Set Identifier Code** **Code Name** 210 Motor Carrier Freight Details and Invoice	**M**	**ID**	**3/3**
ST02	**329**	**Transaction Set Control Number**	**M**	**AN**	**4/9**

B3 Beginning Segment for Carrier's Invoice

Pos: 020 Max: 1
Heading – Mandatory

Loop: N/A Elements: 9

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
B301	**147**	**Shipment Qualifier** **Code Name** 8 Master Bill	**O**	**ID**	**1/1**
B302	**76**	**Invoice Number**	**M**	**AN**	**1/22**
B303	**145**	**Shipment Identification Number**	**O**	**AN**	**1/30**
B304	**146**	**Shipment Method of Payment** **Code Name** DE Per Contract	**M**	**ID**	**2/2**
B305	**188**	**Weight Unit Code** **Code Name** L Pounds	**O**	**ID**	**1/1**
B306	**373**	**Date**	**M**	**DT**	**6/6**
B307	**193**	**Net Amount Due**	**M**	**N2**	**1/12**
B309	**32**	**Delivery Date**	**C**	**DT**	**6/6**
B311	**140**	**Standard Carrier Alpha Code**	**M**	**ID**	**2/4**

B2A

Set Purpose

Pos: 025 Max: 1
Heading – Mandatory
Loop: N/A Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
B2A01	**353**	**Transaction Set Purpose Code** **Code Name** 00 Original	**M**	**ID**	**2/2**
B2A02	**346**	**Application Type** **Code Name** SI Single Shipment Invoice	**O**	**ID**	**2/2**

N9

Reference Identification

Pos: 060 Max: 1
Heading – Optional
Loop: N/A Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N901	**128**	**Reference Identification Qualifier** **Code Name**	**M**	**ID**	**2/3**

		PO Purchase Order Number			
N902	**127**	**Reference Identification**	**M**	**AN**	**1/30**

N1

Name

Pos: 110 Max: 2
Heading – Optional
Loop: 0100 Elements: 4

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N101	**98**	**Entity Identifier Code** **Code Name** CE Consignee (To receive large parcels and freight) SH Shipper	**M**	**ID**	**2/3**
N102	**93**	**Name**	**C**	**AN**	**1/60**
N103	**66**	**Identification Code Qualifier** **Code Name** 76 Local School District Number 49 State Identification Number	**C**	**ID**	**1/2**
N104	**67**	**Identification Code**	**C**	**AN**	**2/20**

LX

Assigned Number

Pos: 120 Max: 1
Detail – Optional
Loop: 0400 Elements: 1

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
LX01	**554**	**Assigned Number**	**M**	**N0**	**1/6**

POD

Proof of Delivery

Pos: 137 Max: 1
Detail – Optional
Loop: 0400 Elements: 3

Element Summary:-

Ref	Id	Element Name	Req	Type	Min/Max
POD01	**373**	**Date**	**M**	**DT**	**6/6**
POD02	**337**	**Time**	**O**	**TM**	**4/8**
POD03	**93**	**Name**	**M**	**AN**	**1/60**

L5	Description, Marks and Numbers	Pos: 140 Max: 30 Detail - Optional Loop: 0400 Elements: 3

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
L501	**213**	**Lading Line Item Number**	**O**	**N0**	**1/3**
L502	**79**	**Lading Description**	**O**	**AN**	**1/50**
L503	**22**	**Commodity Code**	**C**	**AN**	**1/30**
L504	**23**	**Commodity Code Qualifier**	**C**	**ID**	**1/1**
		Code Name			
		U Uniform Freight Classification (UFC)			
L505	**103**	**Packaging Code**	**O**	**AN**	**3/5**
		Code Name			
		BOX Box			
		PLT Pallet			
L506	**87**	**Marks and Numbers**	**C**	**AN**	**1/48**
L507	**88**	**Marks and Numbers Qualifier**	**O**	**ID**	**½**
		Code Name			
		W Pallet Number			
		SM Shipper Assigned			

L0	Line Item – Quantity and Weight	Pos: 170 Max: 10 Detail – Optional Loop: 0400 Elements: 7

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
L001	**213**	**Lading Line Item Number**	**O**	**N0**	**1/3**
L004	**81**	**Weight**	**C**	**R**	**1/10**
L005	**187**	**Weight Qualifier**	**C**	**ID**	**1/2**
		Code Name			
		G Gross Weight			
L008	**80**	**Lading Quantity**	**C**	**N0**	**1/7**
L009	**211**	**Packaging Form Code**	**C**	**ID**	**3/3**

		Code Name			
		BOX Box			
L011	**188**	**Weight Unit Code**	**O**	**ID**	**1/1**
		Code Name			
		L Pounds			
L013	**380**	**Quantity**	**C**	**R**	**1/15**

L1 Rate and Charges

Pos: 180 Max: 10
Detail – Optional
Loop: 0400 Elements: 7

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
L101	**213**	**Lading Line Item Number**	**O**	**N0**	**1/3**
L102	**60**	**Freight Rate**	**C**	**R**	**1/9**
L103	**122**	**Rate/Value Qualifier**	**C**	**ID**	**2/2**
		Code Name			
		LB Per Pound			
		PH Per Hundred (of Basic Unit)			
L104	**58**	**Charge**	**C**	**N2**	**1/12**
L108	**150**	**Special Charge or Allowance Code**	**O**	**ID**	**3/3**
		Code Name			
		DSC Discount			
L119	**954**	**Percent**	**O**	**R**	**1/10**
L121	**610**	**Amount**	**O**	**N2**	**1/15**

L7 Tariff Reference

Pos: 200 Max: 10
Detail – Optional
Loop: 0400 Elements: 7

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
L701	**213**	**Lading Line Item Number**	**O**	**N0**	**1/3**
L702	**168**	**Tariff Agency Code**	**O**	**ID**	**1/4**
L703	**171**	**Tariff Number**	**O**	**AN**	**1/7**
L713	**294**	**Tariff Distance**	**O**	**N0**	**1/5**
L714	**295**	**Distance Qualifier**	**O**	**ID**	**1/1**
		Code Name			
		M Miles (Actual)			
L715	**19**	**City Name**	**O**	**AN**	**2/30**
L716	**156**	**State or Province Code**	**O**	**ID**	**2/2**

L3	Total Weight and Charges	Pos: 010	Max: 1
		Summary – Optional	
		Loop: N/A	Elements: 3

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
L301	**81**	**Weight**	**C**	**R**	**1/10**
L302	**187**	**Weight Qualifier**	**C**	**ID**	**1/2**
		Code Name			
		G Gross Weight			
L305	**58**	**Charge**	**O**	**N2**	**1/12**

SE	Transaction Set Trailer	Pos: 020	Max: 1
		Summary – Mandatory	
		Loop: N/A	Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
SE01	**96**	**Number of Included Segments**	**M**	**N0**	**1/10**
SE02	**329**	**Transaction Set Control Number**	**M**	**AN**	**4/9**

GE	Functional Group Trailer	Pos: 021	Max: 1
		Heading – Mandatory	
		Loop: N/A	Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
GE01	**97**	**Number of Transactions Sets Included**	**M**	**N0**	**1/6**
GE02	**28**	**Group Control Number**	**M**	**N0**	**1/9**

IEA	Interchange Control Trailer	Pos: 022	Max: 1
		Heading – Mandatory	
		Loop: N/A	Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
IEA01	**I16**	**Number of Included Functional Groups**	**M**	**N0**	**1/5**
IEA02	**I12**	**Interchange Control Number**	**M**	**N0**	**9/9**