



210 Motor Carrier Freight Details and Invoice

Functional Group=IM

Version 005010

Mapping Procedures and Tips on Associated Wholesale Grocers' 210 Document

Associated Wholesale Grocers utilizes the 210 Motor Carrier Freight Details and Invoice Transaction Set for all divisions within the company. The 210 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 and as details pertaining to motor freight shipment(s) charges.

Any questions concerning mapping requirements should be directed to Edict Systems at hubservices@edictsystems.com.

Header:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>
0100	ST	Transaction Set Header	M	1	
0200	B3	Beginning Segment for Carrier's Invoice	M	1	
0500	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
0600	L11	Business Instructions and Reference Number	O	300	
0700	G62	Date/Time	O	6	
0800	R3	Route Information - Motor	O	12	
1000	K1	Remarks	O	10	
LOOP ID – 0100			M*		10
1100	N1	Party Identification	M*	1	
1300	N3	Party Location	O	2	
1400	N4	Geographic Location	O	1	

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>
LOOP ID – 0400			O		>1
1200	LX	Transaction Set Line Number	O	1	
1700	L0	Line Item - Quantity and Weight	O	10	
1800	L1	Rate and Charges	O	50	



Summary:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>
0100	L3	Total Weight and Charges	O	1	
0200	SE	Transaction Set Trailer	M	1	

Notes:

- Any segments and elements used that are not included in this specification may prevent documents from being processed or may be ignored.
- If any segments of a loop are used, the first segment of the loop is always required.
- * Denotes usage requirements that deviate from EDI standards.



Segment: **ST** Transaction Set Header
Position: 0100
Loop: N/A
Level: Header
Usage: Mandatory
Max Use: 1

Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3
		<u>Code</u> <u>Description</u>			
		210 Motor Carrier Freight Details and Invoice			
ST02	329	Transaction Set Control Number	M	AN	4/9



Segment: **B3** Beginning Segment for Carrier's Invoice

Position: 0200

Loop: N/A

Level: Header

Usage: Mandatory

Max Use: 1

Syntax Notes: 1. If either B309 or B310 is present, then the other is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
B301	147	Shipment Qualifier	O	ID	1/1
B302	76	Invoice Number	M	AN	1/22
B303	145	Shipment Identification Number	M*	AN	1/30
B304	146	Shipment Method of Payment	M	ID	2/2
B305	188	Weight Unit Code	O	ID	1/1
B306	373	Date	M	DT	8/8
B307	193	Net Amount Due	M	N2	1/12
B308	202	Correction Indicator	O	ID	2/2
B309	32	Delivery Date	X	DT	8/8
B310	374	Date/Time Qualifier	X	ID	3/3
B311	140	Standard Carrier Alpha Code	M	ID	2/4
B312	373	Date	O	DT	8/8



Segment: **ITD** Terms of Sale/Deferred Terms of Sale

Position: 0500

Loop: N/A

Level: Header

Usage: Optional

Max Use: 1

- Syntax Notes:**
1. If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
 2. If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
 3. If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
ITD01	336	Terms Type Code	O	ID	2/2
ITD02	333	Terms Basis Date Code	O	ID	1/2
ITD03	338	Terms Discount Percent	O	R	1/6
ITD04	370	Terms Discount Due Date	X	DT	8/8
ITD05	351	Terms Discount Days Due	X	N0	1/3
ITD06	446	Terms Net Due Date	O	DT	8/8
ITD07	386	Terms Net Days	O	N0	1/3
ITD08	362	Terms Discount Amount	O	N2	1/10
ITD09	388	Terms Deferred Due Date	O	DT	8/8
ITD10	389	Deferred Amount Due	X	N2	1/10
ITD11	342	Percent of Invoice Payable	X	R	1/5
ITD12	352	Description	O	AN	1/80
ITD13	765	Day of Month	X	N0	1/2
ITD14	107	Payment Method Type Code	O	ID	1/2
ITD15	954	Percentage as Decimal	O	R	1/10



Segment: **L11** Business Instructions and Reference Number
Position: 0600
Loop: N/A
Level: Header
Usage: Optional
Max Use: 300

Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
L1101	127	Reference Identification	M*	AN	1/50
L1102	128	Reference Identification Qualifier	M*	ID	2/3
		<u>Code</u>			<u>Description</u>
		91			Cost Element
		CO			Customer Order Number
		LO			Load Planning Number
		PO			Purchase Order Number
		SO			Shipper's Order (Invoice Number)



Segment: **G62** Date/Time
Position: 0700
Loop: N/A
Level: Header
Usage: Optional
Max Use: 6
Syntax Notes: 1. If either G6203 or G6204 is present, then the other is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
G6201	432	Date Qualifier	M*	ID	2/2
		<u>Code</u> <u>Description</u>			
		86 Actual Pickup Date			
G6202	373	Date	M*	DT	8/8
G6203	176	Time Qualifier	X	ID	1/2
G6204	337	Time	X	TM	4/8



Segment: **R3** Route Information - Motor
Position: 0800
Loop: N/A
Level: Header
Usage: Optional
Max Use: 12

Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
R301	140	Standard Carrier Alpha Code	M	ID	2/4
R302	133	Routing Sequence Code	M	ID	1/2
		<u>Code</u>		<u>Description</u>	
		B		Origin/Delivery Carrier (Any Mode)	



Segment: **K1** Remarks
Position: 1000
Loop: N/A
Level: Header
Usage: Optional
Max Use: 10

Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
K101	61	Free-Form Message	M	AN	1/30



Segment: **N1** Party Identification
Position: 1100
Loop: 0100
Level: Header
Usage: Mandatory*
Max Use: 1

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		CN Consignee			
N102	93	Name	O*	AN	1/60
N103	66	Identification Code Qualifier	M*	ID	1/2
		<u>Code</u> <u>Description</u>			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
N104	67	Identification Code	M*	AN	13/13*



Segment: **N1 Party Identification**

Position: 1100

Loop: 0100

Level: Header

Usage: Optional

Max Use: 1

- Syntax Notes:**
1. At least one of N102 or N103 is required.
 2. If either N103 or N104 is present, then the other is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		SF Ship From			
		SH Shipper			
		ST Ship To			
		WH Warehouse			
N102	93	Name	X	AN	1/60
N103	66	Identification Code Qualifier	X	ID	1/2
		<u>Code</u> <u>Description</u>			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
		91 Assigned by Seller or Seller's Agent			
N104	67	Identification Code	X	AN	2/80



Segment: **N3** Party Location
Position: 1300
Loop: 0100
Level: Header
Usage: Optional
Max Use: 2

Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N301	166		Address Information	M	AN	1/55
N302	166		Address Information	O	AN	1/55



Segment: **N4** Geographic Location
Position: 1400
Loop: 0100
Level: Header
Usage: Optional
Max Use: 1
Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>			
N401	19 City Name	O	AN	2/30
N402	156 State or Province Code	O*	ID	2/2
N403	116 Postal Code	O	ID	3/15
N404	26 Country Code	O*	ID	2/3



Segment: LX Transaction Set Line Number
Position: 1200
Loop: 0400
Level: Detail
Usage: Optional
Max Use: 1
Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
LX01	554	Assigned Number	M	N0	1/6



Segment: **L0** Line Item - Quantity and Weight

Position: 1700

Loop: 0400

Level: Detail

Usage: Optional

Max Use: 10

- Syntax Notes:**
1. If either L002 or L003 is present, then the other is required.
 2. If either L004 or L005 is present, then the other is required.
 3. If either L006 or L007 is present, then the other is required.
 4. If either L008 or L009 is present, then the other is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>	
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
L001	213	Lading Line Item Number	O	N0	1/3
L002	220	Billed/Rated-as Quantity	X	R	1/11
L003	221	Billed/Rated-as Qualifier	X	ID	2/2
L004	81	Weight	X	R	1/10
L005	187	Weight Qualifier	X	ID	1/2
L006	183	Volume	X	R	1/8
L007	184	Volume Unit Qualifier	X	ID	1/1
L008	80	Lading Quantity	X	N0	1/7
L009	211	Packaging Form Code	X	ID	3/3



Segment: **L1 Rate and Charges**

Position: 1800

Loop: 0400

Level: Detail

Usage: Optional

Max Use: 50

- Syntax Notes:**
1. If either L102 or L103 is present, then the other is required.
 2. At least one of L104, L105 or L106 is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
L101	213	Lading Line Item Number	O	N0	1/3
L102	60	Freight Rate	X	R	1/9
L103	122	Rate/Value Qualifier	X	ID	2/2
L104	58	Amount Charged	X	N2	1/15
L105	191	Advances	X	N2	1/9
L106	117	Prepaid Amount	X	N2	1/15
L107	120	Rate Combination Point Code	O	AN	3/9
L108	150	Special Charge or Allowance Code	O	ID	3/3



Segment: **L3 Total Weight and Charges**

Position: 0100

Loop: N/A

Level: Summary

Usage: Optional

Max Use: 1

- Syntax Notes:**
1. If either L301 or L302 is present, then the other is required.
 2. If either L303 or L304 is present, then the other is required.
 3. If either L309 or L310 is present, then the other is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
L301	81		Weight	X	R	1/10
L302	187		Weight Qualifier	X	ID	1/2
L303	60		Freight Rate	X	R	1/9
L304	122		Rate/Value Qualifier	X	ID	2/2
L305	58		Amount Charged	O	N2	1/15
L306	191		Advances	O	N2	1/9
L307	117		Prepaid Amount	O	N2	1/15
L308	150		Special Charge or Allowance Code	O	ID	3/3
L309	183		Volume	X	R	1/8
L310	184		Volume Unit Qualifier	X	ID	1/1
L311	80		Lading Quantity	O	N0	1/7



Segment: **SE** Transaction Set Trailer
Position: 0200
Loop: N/A
Level: Summary
Usage: Mandatory
Max Use: 1

Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
SE01	96	Number of Included Segments	M	N0	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9



Sample Data:

ISA*00* *00* *ZZ*XXXXXXXX *08*9272590000 *170315*0846*U*00501*000000004*0*T*>
 GS*IM*XXXXXXXX*9133211313*20170315*0846*000000004*X*005010
 ST*210*0001
 B3*B*000000000*CMV1234567*PP*L*20170315*11111****WFMN*20170321
 ITD*01*2****20170428*30
 L11*4000000000*PO
 G62*86*20170430*9*15000000
 R3*WFMN*B
 K1*TRK
 N1*SH*SAMPLE*91*WFMN
 N1*CN*AWG*9*00000000000000
 N1*SF*SAMPLE*91*XXXXXXXXXXXXXXXX
 N3*123 SAMPLE
 N4*SAMPLE*CA*92509*USA
 N1*ST*SAMPLE*91*12345
 N3*123 SAMPLE
 N4*SAMPLE*CA*92507*USA
 LX*1
 L1*1*285*PH*28500****FCD
 LX*2
 L1*2*35*PW*9975****FUE
 LX*3
 L1*3***13008****UND
 LX*4
 L1*4***24000****UND
 L3*11329*G***75483*****1269
 SE*25*0001
 GE*1*000000004
 IEA*1*000000004



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Modification History

Version 1.1 – 5/1/17

Body:

N1: Made two pages for the N1

First N1 list the requirements for the mandatory 'CN'

Second N1 list other qualifiers and follows X12 standards