

204 Motor Carrier Load Tender

Functional Group ID=**SM**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Load Tender Transaction Set (204) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers or other interested parties to offer (tender) a shipment to a full load (truckload) motor carrier including detailed scheduling, equipment requirements, commodities, and shipping instructions pertinent to a load tender. It is not to be used to provide a motor carrier with data relative to a Less-than-Truckload bill of lading, pick-up notification, or manifest.

Notes:

This transaction is used by third party logistics providers(3PL) to notify Deere of a logistics shipment that has been successfully tendered to a transportation provider. This transaction should not be sent until acknowledgement has been received on load acceptance. The purpose of the transaction is to communicate the details of the actual shipment to enable shipment tracking at Deere. The shipment ID used in this transaction must also be referenced in subsequent 214 status updates.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	010	ST	Transaction Set Header	M	1		
4	020	B2	Beginning Segment for Shipment Information Transaction	M	1		
5	030	B2A	Set Purpose	M	1		
6	080	L11	Business Instructions and Reference Number	O	50		
7	090	G62	Date/Time	O	1		n1
8	100	MS3	Interline Information	O	1		
LOOP ID - 0100						5	
9	140	N1	Name	O	1		n2
10	190	G61	Contact	O	3		
LOOP ID - 0200						10	
11	200	N7	Equipment Details	O	1		
12	210	M7	Seal Numbers	O	2		

Detail:

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LOOP ID - 0300						999	
13	010	S5	Stop-off Details	M	1		
14	020	L11	Business Instructions and Reference Number	O	50		
15	030	G62	Date/Time	O	2		n3
LOOP ID - 0310						1	
16	070	N1	Name	O	1		
17	090	N3	Address Information	O	2		
18	100	N4	Geographic Location	O	1		
19	120	G61	Contact	O	3		
LOOP ID - 0320						99	

20	130	L5	Description, Marks and Numbers	O	1	
21	135	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
LOOP ID - 0350					999	
22	150	OID	Order Identification Detail	O	1	n4
23	180	LAD	Lading Detail	O	999	
LOOP ID - 0360					99	
24	190	L5	Description, Marks and Numbers	O	1	n5
25	195	AT8	Shipment Weight, Packaging and Quantity Data	O	1	n6

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
26	010	L3	Total Weight and Charges	O	1		
27	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Segment G62 in header is used to convey the must-respond-by date and time when responding to a 204 transaction.
2. Loop 0100 is used to convey name and address detail relative to bill-to, party controlling freight, or other shipment level name and address information. It is not used to convey ship from or ship to detail which should be handled within loop 0300 in table 2.
3. Use G62 segment either in loop 0300 or loop 0350, but not both.
4. Use loop 0350 for conveying seller's order/invoice level detail or buyer's purchase order level detail. If not using order level detail, this loop should not be used.
5. If sending order level detail within the 0350 loop, then use L5 and AT8 segments in loop 0360 to relay commodity detail. Otherwise, use L5 and AT8 segments within the 0320 loop to relay commodity detail. Use either loop 0320 or loop 0360, but not both.
6. Accumulated weights, quantities, and volumes sent in the AT8 segment in loop 0360 should total to the weight, quantity, and volume in the OID segment in loop 0350. Accumulated weights and quantities in the LAD segment in loop 0350 should total to the weight and quantity in the OID segment in loop 0350.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **B2** Beginning Segment for Shipment Information Transaction
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit basic data relating to shipment information
Syntax Notes:
Semantic Notes:

- 1 B202 contains the Standard Carrier Alpha Code (SCAC) of the carrier that will receive the bill of lading.
- 2 If B211 is used, B206 will indicate the party or parties responsible for payment of the transportation terms identified in B211.

Comments:

- 1 B202 is mandatory for transaction set 204.
- 2 B209 is mandatory for rail transactions.

Notes: This segment is used to identify the carrier and the shipment ID assigned by the 3PL to the shipment. The shipment ID should be a unique identifier produced by the sender to identify the shipment. This number will also be used in any subsequent 214's to identify the shipment. (This is not the shipment ID on the ASN.)

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
B202	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	O ID 2/4
B204	145	Shipment Identification Number 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)	O AN 1/30
M	B206	Shipment Method of Payment Code identifying payment terms for transportation charges CC Collect DF Defined by Buyer and Seller PP Prepaid (by Seller) TP Third Party Pay	M ID 2/2

Segment: **B2A** Set Purpose
Position: 030
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To allow for positive identification of transaction set purpose
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Non AU/NZ partners: If a shipment is changed after the original 204 (code 00) is sent, a cancelling 204 (code 01) should be sent, then a new original 204 (code 00) can be sent.

AU/NZ partners: if a shipment is changed after the original 204 (code 00) is sent, a replacement 204 (code 05) should be sent rather than following the process above.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	B2A01	353 Transaction Set Purpose Code	M ID 2/2
		Code identifying purpose of transaction set	
		00 Original	
		01 Cancellation	
		05 Replace	

Segment: **L11 Business Instructions and Reference Number**
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: 50
Purpose: To specify instructions in this business relationship or a reference number
Syntax Notes:

- 1 At least one of L1101 or L1103 is required.
- 2 If either L1101 or L1102 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
		CR Customer Reference Number	
		PU Previous Bill of Lading Number	
		SI Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment	
		TH Transportation Account Code (TAC)	

Segment: **G62** Date/Time
Position: 090
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

This segment should contain the date the carrier accepted the load. The Time Code should represent local time of the carrier accepting the load.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Date Qualifier</u>	
G6201	432	Date Qualifier Code specifying type of date 85 Date Issued	X ID 2/2
G6202	373	Date Date expressed as CCYYMMDD	X DT 8/8
G6203	176	Time Qualifier Code specifying the reported time 4 Pickup Requested Scheduled Time 5 Delivery Requested Scheduled Time	X ID 1/2
G6204	337	Time 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)	X TM 4/8
G6205	623	Time Code 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 Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **MS3 Interline Information**
Position: 100
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify the interline carrier and relevant data
Syntax Notes: 1 If MS305 is present, then MS303 is required.
Semantic Notes: 1 MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier.
 2 MS303 is the city where the interline was performed.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MS301	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M ID 2/4
M	MS302	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement B Origin/Delivery Carrier (Any Mode)	M ID 1/2
	MS304	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment H Customer Pickup J Motor	O ID 1/2

Segment: **N1** Name
Position: 140
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: This segment should identify the 3PL administering the shipment.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 2B Third-Party Administrator	M ID 2/3
	N102	93 Name Free-form name	X AN 1/60

Segment: **G61 Contact**
Position: 190
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: 1 G6103 qualifies G6104.
Notes: This segment should identify a contact at the 3PL to handle inquiries about this shipment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CN General Contact	M ID 2/2
M	G6102	93	Name Free-form name	M AN 1/60
	G6103	365	Communication Number Qualifier Code identifying the type of communication number EM Electronic Mail TE Telephone	X ID 2/2
	G6104	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80

Segment: **N7** Equipment Details
Position: 200
Loop: 0200 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify the equipment
Syntax Notes:

- 1 If either N703 or N704 is present, then the other is required.
- 2 If either N705 or N716 is present, then the other is required.
- 3 If either N708 or N709 is present, then the other is required.

Semantic Notes:

- 1 N712 is the owner of the equipment.
- 2 N723 is the operator or carrier of the rights of the equipment.

Comments:

- 1 N701 is mandatory for rail transactions.
- 2 N720 and N721 are expressed in inches.

Notes: This is an optional segment used to identify the trailer number and weight, if known.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N702	207 Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	M AN 1/10
	N703	81 Weight Numeric value of weight	X R 1/10
	N704	187 Weight Qualifier Code defining the type of weight G Gross Weight N Actual Net Weight	X ID 1/2
	N722	24 Equipment Type Code identifying equipment type	O ID 4/4

Segment: **M7 Seal Numbers**
Position: 210
Loop: 0200 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To record seal numbers used and the organization that applied the seals
Syntax Notes:
Semantic Notes:
Comments: 1 M705 indicates the name of the organization which applied the seal(s).

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
M	M701	225	Seal Number	M AN 2/15
			Unique number on seal used to close a shipment	

Segment: **S5** Stop-off Details
Position: 010
Loop: 0300 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify stop-off detail reference numbers and stop reason
Syntax Notes:

- 1 If either S503 or S504 is present, then the other is required.
- 2 If either S505 or S506 is present, then the other is required.
- 3 If either S507 or S508 is present, then the other is required.

Semantic Notes:

- 1 S509 is the stop reason description.

Comments:
Notes: This segment identifies the sequence of stops for this shipment. It identifies the weight and quantity for the stop.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	S501	165 Stop Sequence Number	M N0 1/3
		Identifying number for the specific stop and the sequence in which the stop is to be performed	
M	S502	163 Stop Reason Code	M ID 2/2
		Code specifying the reason for the stop	
		LD Load	
		UL Unload	
	S503	81 Weight	X R 1/10
		Numeric value of weight	
	S504	188 Weight Unit Code	X ID 1/1
		Code specifying the weight unit	
		K Kilograms	
		L Pounds	
	S505	382 Number of Units Shipped	X R 1/10
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	
	S506	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		PF Pallet (Lift)	
		UN Unit	

Segment: **L11 Business Instructions and Reference Number**
Position: 020
Loop: 0300 Mandatory
Level: Detail
Usage: Optional
Max Use: 50
Purpose: To specify instructions in this business relationship or a reference number
Syntax Notes:

- 1 At least one of L1101 or L1103 is required.
- 2 If either L1101 or L1102 is present, then the other is required.

Semantic Notes:
Comments:
Notes: If used the L11 'PU' segment should identify the Bill of Lading used for the orders on this stop on a previous shipment.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
L1101	127	Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
L1102	128	Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		PU Previous Bill of Lading Number	

Segment: **G62** Date/Time
Position: 030
Loop: 0300 Mandatory
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

This segment identifies the requested timeframe for the stop. A '10' or '68' identifies the requested pickup or delivery time. A '38' or '54' identifies the latest pickup or delivery time. These times should be in the local time relative to the address of the stop.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
G6201	432	Date Qualifier	X ID 2/2
		Code specifying type of date	
		10 Requested Ship Date/Pick-up Date	
		38 Ship Not Later Than Date	
		54 Deliver No Later Than Date	
		68 Requested Delivery Date	
G6202	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
G6203	176	Time Qualifier	X ID 1/2
		Code specifying the reported time	
		4 Pickup Requested Scheduled Time	
		5 Delivery Requested Scheduled Time	
G6204	337	Time	X TM 4/8
		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)	
G6205	623	Time Code	O ID 2/2
		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 Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **N1** Name
Position: 070
Loop: 0310 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: This segment is used to identify the physical location of the stop. An 'SF' is used to identify pickup locations and an 'ST' is used for drop-off locations.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		SF Ship From	
		ST Ship To	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		ZZ Mutually Defined	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	

Segment: N3 Address Information
Position: 090
Loop: 0310 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N301	166	Address Information Address information	M AN 1/55

Segment: **N4 Geographic Location**
Position: 100
Loop: 0310 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3

Segment: **G61 Contact**
Position: 120
Loop: 0310 Optional
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: 1 G6103 qualifies G6104.
Notes: This optional segment is used to identify a contact at the stop location.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CN General Contact	M ID 2/2
M	G6102	93	Name Free-form name	M AN 1/60
	G6103	365	Communication Number Qualifier Code identifying the type of communication number EM Electronic Mail TE Telephone	X ID 2/2
	G6104	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80

Segment: **L5** Description, Marks and Numbers
Position: 130
Loop: 0320 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers

- Syntax Notes:**
- 1 If either L503 or L504 is present, then the other is required.
 - 2 If L507 is present, then L506 is required.
 - 3 If either L508 or L509 is present, then the other is required.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L501	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
L502	79	Lading Description Description of an item as required for rating and billing purposes	O AN 1/50
L503	22	Commodity Code Code describing a commodity or group of commodities	X AN 1/30
L504	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1
L505	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required Refer to 004010 Data Element Dictionary for acceptable code values.	O AN 3/5
L506	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/48
L507	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
L510	595	Compartment ID Code Code identifying the compartment in a compartmentalized tank car Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1

Segment: **AT8** Shipment Weight, Packaging and Quantity Data
Position: 135
Loop: 0320 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify shipment details in terms of weight, and quantity of handling units
Syntax Notes: 1 If any of AT801 AT802 or AT803 is present, then all are required.
2 If either AT806 or AT807 is present, then the other is required.
Semantic Notes: 1 AT804 is the quantity of handling units that are not unitized (for example a carton).
When added to the quantity in AT805, it is the total quantity of handling units in the shipment.
2 AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
AT801	187	Weight Qualifier Code defining the type of weight Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
AT802	188	Weight Unit Code Code specifying the weight unit Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1
AT803	81	Weight Numeric value of weight	X R 1/10
AT804	80	Lading Quantity Number of units (pieces) of the lading commodity	O N0 1/7
AT805	80	Lading Quantity Number of units (pieces) of the lading commodity	O N0 1/7
AT806	184	Volume Unit Qualifier Code identifying the volume unit Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1
AT807	183	Volume Value of volumetric measure	X R 1/8

Segment: **OID** Order Identification Detail

Position: 150

Loop: 0350 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify order identification detail

Syntax Notes:

- 1 At least one of OID01 or OID02 is required.
- 2 If OID03 is present, then OID02 is required.
- 3 If either OID04 or OID05 is present, then the other is required.
- 4 If either OID06 or OID07 is present, then the other is required.
- 5 If either OID08 or OID09 is present, then the other is required.

Semantic Notes:

- 1 OID01 is the seller's order identification number.
- 2 OID03 is the number assigned by the consignee to further define the purchase order number.

Comments:

Notes: This segment contains the key Deere reference number to all Deere to associate the shipment ID from the 3PL with the reference number used by Deere to identify the load. Examples include: COMAR order number, PDC Parcel ID, and a 3PL confirmation number that is sent on an ASN.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
OID01	127	Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
OID02	324	Purchase Order Number	X AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser	

Segment: **LAD** Lading Detail
Position: 180
Loop: 0350 Optional
Level: Detail
Usage: Optional
Max Use: 999
Purpose: To transmit detailed lading data pertinent to a pickup or delivery
Syntax Notes:

- 1 If either LAD01 or LAD02 is present, then the other is required.
- 2 If either LAD03 or LAD04 is present, then the other is required.
- 3 If either LAD05 or LAD06 is present, then the other is required.
- 4 If either LAD07 or LAD08 is present, then the other is required.
- 5 If either LAD09 or LAD10 is present, then the other is required.
- 6 If either LAD11 or LAD12 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
LAD07	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	
LAD08	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
LAD13	79	Lading Description	O AN 1/50
		Description of an item as required for rating and billing purposes	

Segment: **L5** Description, Marks and Numbers
Position: 190
Loop: 0360 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers

- Syntax Notes:**
- 1 If either L503 or L504 is present, then the other is required.
 - 2 If L507 is present, then L506 is required.
 - 3 If either L508 or L509 is present, then the other is required.

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

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
L501	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
L502	79	Lading Description Description of an item as required for rating and billing purposes	O AN 1/50
L503	22	Commodity Code Code describing a commodity or group of commodities	X AN 1/30
L504	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1
L505	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required Refer to 004010 Data Element Dictionary for acceptable code values.	O AN 3/5
L506	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/48
L507	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
L510	595	Compartment ID Code Code identifying the compartment in a compartmentalized tank car Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1

Segment: **AT8** Shipment Weight, Packaging and Quantity Data
Position: 195
Loop: 0360 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify shipment details in terms of weight, and quantity of handling units
Syntax Notes: 1 If any of AT801 AT802 or AT803 is present, then all are required.
2 If either AT806 or AT807 is present, then the other is required.
Semantic Notes: 1 AT804 is the quantity of handling units that are not unitized (for example a carton).
When added to the quantity in AT805, it is the total quantity of handling units in the shipment.
2 AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
AT801	187	Weight Qualifier Code defining the type of weight Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
AT802	188	Weight Unit Code Code specifying the weight unit Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1
AT803	81	Weight Numeric value of weight	X R 1/10
AT804	80	Lading Quantity Number of units (pieces) of the lading commodity	O N0 1/7
AT805	80	Lading Quantity Number of units (pieces) of the lading commodity	O N0 1/7
AT806	184	Volume Unit Qualifier Code identifying the volume unit Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1
AT807	183	Volume Value of volumetric measure	X R 1/8

Segment: **L3** Total Weight and Charges
Position: 010
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

- 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.
 - 4 If L312 is present, then L301 is required.
 - 5 If either L314 or L315 is present, then the other is required.
- Semantic Notes:**
- 1 L305 is the total charges.

Comments:

Notes: This segment identifies the total weight and quantity for the shipment.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
L301	81	Weight Numeric value of weight	X R 1/10
L302	187	Weight Qualifier Code defining the type of weight G Gross Weight N Actual Net Weight	X ID 1/2
L303	60	Freight Rate Rate that applies to the specific commodity	X R 1/9
L304	122	Rate/Value Qualifier Code qualifying how to extend charges or interpret value Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
L305	58	Charge 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	O N2 1/12
L308	150	Special Charge or Allowance Code Code identifying type of special charge or allowance Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 3/3
L311	80	Lading Quantity Number of units (pieces) of the lading commodity	O N0 1/7

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
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)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9