Yellow Freight System, Inc.

EDI ⚡ SUPPORT

Yellow Freight System, Inc.
10990 Roe Avenue
Overland Park, KS   66207
(913) 344-5418   EDI Help Desk
(913) 344-4638   Fax

BILL OF LADING QUESTIONNAIRE (211)   **E-MAIL –** michelle.tigges@yellowcorp.com

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COMPANY: _____   CONTACT: _____
ADDRESS: _____   PHONE: (____) _____
CITY STATE ZIP:_____   FAX: (____) _____
                                                E-MAIL ADDRESS _____

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(1) EDI VERSION (ASC X12):   ☐ 004010   DEFAULT:004010

(2) ENVELOPE TYPE: ☐ GS ONLY   ☐ ISA   DEFAULT:GS

GS: SENDER CODE   (GS02):   _____ (12 Char)   **MANDATORY**

          RECEIVER CODE   (GS03):   _____ (12 Char)   DEFAULT:YFSY

ISA: AUTHORIZE QUAL   (ISA01):   _____ (02 Char)   DEFAULT:00

          AUTHORIZE CODE   (ISA02):   _____ (10 Char)   DEFAULT:SPACES

          SECURITY QUAL   (ISA03):   _____ (02 Char)   DEFAULT:00

          SECURITY CODE   (ISA04):   _____ (10 Char)   DEFAULT:SPACES

          SENDER ID QUAL   (ISA05):   _____ (02 Char)   **MANDATORY**

          SENDER ID   (ISA06):   _____ (15 Char)   **MANDATORY**

          RECEIVER ID QUAL (ISA07):   _____ (02 Char)   DEFAULT:02

          RECEIVER ID   (ISA08):   _____ (15 Char)   DEFAULT:YFSY

          INTERCHG STANDARD (ISA11): _____ (01 Char)   DEFAULT:U

          INTERCHG VERSION (ISA12):   _____ (05 Char)   DEFAULT:00400

          SUB-ELEMENT SEP. (ISA16):   _____ (01 Char)   DEFAULT:HEX 6E

(3) WILL YOU ACCEPT 997 FUNCTIONAL ACKNOWLEDGMENTS?   ☐ YES   ☐ NO

(4) NETWORK: PREFERRED: KLEINSCHMIDT
                      SECONDARY: TRANSETTLEMENTS   STERLING COMMERCE
                          *OTHER:_____
          *If "Other", Sterling will be the inter-connect network. If using an inter-connect network, your Receiver ID must be set up with Sterling
          (1-877-432-4300) in addition to your selected VAN.
          YOUR SENDER ID MUST BE SET UP AT THE NETWORK BEFORE WE CAN RECEIVE DATA FROM YOU.

(5) FTP: CONTACT YOUR EDI ANALYST

(6) FTP: PGP Encryption Required: ☐ YES   ☐ NO

          DATA FORMAT: ☐ WRAPPED WITH CR/LF EVERY 80 BYTES ENDING WITH SEGMENT TERMINATOR
                         ☐ UNWRAPPED WITH LINE FEED ONLY
                         ☐ UNWRAPPED WITH CARRIAGE RETURN AND LINE FEED
                         ☐ ONE RECORD (ALL SEGMENTS IN ONE RECORD WITH CR/LF AT END OF RECORD)

(7)) PLEASE ATTACH A LIST OF LOCATIONS PARTICIPATING IN EDI.   **MANDATORY**
        (Name, Street Address, City, State, Zip)
        _____
        _____

*This form was designed to assist Yellow Freight in obtaining your EDI Requirements; it does not imply that Yellow Freight can/will meet all the
requirements you detail. We cannot process your EDI request until this questionnaire is received.*

PLEASE NOTE

- Our policy is to pay for the transmission of data to Yellow, if our preferred network or one of our secondary networks is used:

  PREFERRED: KLEINSCHMIDT   1-847-945-1000

  SECONDARY: TRANSETTLEMENTS   1-800-272-9947
                              STERLING COMMERCE 1-888-543-2669

- Customer is expected to pre-assign Yellow Freight Pro-Numbers (including check-digit) on EBL - see Check Digit Calculation Examples on the following page.
- Customer is expected to provide paper manifest for driver to receive freight.
- If you plan to ship hazardous materials, please contact the EDI Support Team for additional data requirements.
- Customer should transmit Electronic Bills of Lading prior to, or at the same time the freight arrives at the terminal.
- Yellow uses HEX 5C(*) as the element delimiter and HEX 15 as the segment delimiter.
- Data element B208 - Shipment Method of Payment - (element #146) will be interpreted as follows:

The following values will be **PREPAID:**	The following values will be **COLLECT:**
PA - Advance Prepaid	**CA** - Advance Collect
PC - Prepaid but Charged to Customer	**CC** - Collect
PO - Prepaid Only	**CD** - Collect on Delivery
PP - Prepaid (by Seller)	**CF** - Collect, Freight Credited Back to Customer

If you plan to send a value other than those listed above, please contact the EDI Support Team.

ELECTRONIC BILL OF LADING(EBL) TEST PROCEDURES

To ensure that the Electronic Bills of Lading sent by the customer are compatible with Yellow's billing system, it is important that the data be thoroughly tested before paper bills of lading are discontinued.

First, Yellow Freight's EDI Support Team will conduct a preliminary test on the data. The team will inspect the data to ensure that it is in compliance with the selected EDI standards, and the data content will be examined. Following this preliminary test period, two phases of data testing will occur.

Phase One will consist of system testing conducted by the customer and Yellow's EDI Support Team. Daily transmissions will be processed in Yellow's test environment. Data content and EDI standards compliance will be verified. *Test transmission volume and content should be consistent with actual shipments*. The EDI Support Team will work with the customer to identify and correct problems/discrepancies in the EBL data. After seven error-free data transmissions, Phase Two will begin.

Phase Two, also called the Parallel Test Phase, involves testing and processing the electronic data in Yellow Freight's production environment. Paper bills of lading must accompany the freight to the origin terminal. Terminal personnel will process the electronic bills of lading, and will review the bills for accuracy. The EDI Support team will work with the terminal personnel to record any outstanding issues, and then will work with the customer to resolve these issues.

Phase Three - Once the customer, the EDI Support Team, and the terminal agree that the electronic bills of lading are accurate and acceptable, the paper bills of lading can be discontinued. The customer will continue to send paper manifests with the freight.

CHECK DIGIT CALCULATION EXAMPLES

Pro Number 027-325389 - Check Digit 2

1) Divide pro number body by 11, giving result and remainder

```
      29580     Result
11 | 325389
    - 325380
          9   Remainder
```

2) Check Digit = 11 - Remainder

    2   = 11 - 9

Pro Number 027-289489 - Check Digit 9

1) Divide pro number body by 11, giving result and remainder

```
      26317     Result
11 | 289489
    - 289487
          2   Remainder
```

2) Check Digit = 11 - Remainder

    9   = 11 - 2

Pro Number 027-325347 - Check Digit 0

1) Divide pro number body by 11, giving result and remainder

```
      29577     Result
11 | 325347
    - 325347
          0   Remainder
```

2) Check Digit = 11 - Remainder

    11   = 11 - 0

When check digit is __11__ or greater, move a __0__ to the check digit field.

Pro Number 027-325337 - Check Digit X

1) Divide pro number body by 11, giving result and remainder

```
      29576     Result
11 | 325337
    - 325336
          1   Remainder
```

2) Check Digit = 11 - Remainder

    10   = 11 - 1

When check digit is __10__, move an __X__ to the check digit field

MANIFEST EXAMPLE

Page: 1
Date: 12/14/00

A B C   C O M P A N Y
ELECTRONIC BILL OF LADING MANIFEST

MANIFEST NUMBER: 0001509

SHIP FROM:	ABC COMPANY 123 MAIN STREET ANYWHERE, KS 12345	**IF PREPAID, SEND** **FREIGHT BILL TO:**	ABC COMPANY PO BOX 456 ANYWHERE, KS 12345

PRO NUMBER:	123456789	**CONSIGNED TO:**	FRANK'S PLACE
LADING NUMBER:	123456		656 WEST AVENUE
TERMS:	PP		ANYWHERE, AZ 98773

PIECES	DESCRIPTION	WEIGHT
12	MISCELLANEOUS FREIGHT	59
5	CTN PAPER PRODUCTS	100
	2 PLT STC 17 CTNS	
TOTALS: 17		159

PRO NUMBER:	11123456	**CONSIGNED TO:**	OFFICE STORE
LADING NUMBER:	654321		4552 PINE STREET
TERMS:	PP		ANYWHERE, MO 64114

PIECES	DESCRIPTION	WEIGHT
68	CTN - BINDERS, BOOKS, PENS, PENCILS	700
12	CTN - PLASTIC NOTEBOOK COVERS	120
5	CTN - PAPER PRODUCTS	100
TOTALS: 85		920

TOTAL PALLETS:	002
TOTAL BILLS:	002
TOTAL PIECES:	102
TOTAL WEIGHT:	1079

Shipments listed on this manifest are subject to the terms and conditions of the Uniform Domestic Straight Bill of Lading, as set forth by the NMFC, and by the applicable tariffs and classifications in effect on the pickup date.

SHIPPER SIGNATURE _____ DATE _____ TIME _____

DRIVER'S SIGNATURE _____ DATE _____ TIME _____

211 BUSINESS EXAMPLES

Definitions:

The following examples use a cutout portion of an actual printed copy of a Bill of Lading. The columns are defined as follows:

H/U Count - This column represents the number of Handling Units the carrier actually handles. e.g. if the shipment has 2 pallets containing 20 cartons the number of handling units is 2 (pallet count).

H/U Type - This is the type of packaging form code the carrier is handling. e.g. pallets, skids, slip sheets, cartons, pieces...etc.

Unit Count - This column will only be used when the Handling Unit type is pallet, skid or slip sheets. This column represents the number of pieces contained on the pallet, skid or slip sheet.

Unit Type - This is the packaging form code for the units contained on the H/U Type. e.g. pieces, cartons, etc.

Description - This is a text description of the commodity being shipped.

NMFC Number - National Motor Freight Classification Code - this number is assigned by the National Motor Freight Tariff Association and is unique for each commodity.

Weight - This is the total weight for the line item.

Assumptions:

Commodity 1 weighs 42 pounds
Commodity 2 weighs 24 pounds
Commodity 3 weighs 42 pounds
1 pallet weighs 40 pounds

Example 1 -Freight Not Palletized

```
ST*211*000010001
BOL*YFSY*PP*12345*980101**1231234561
B2A*00
MS2*YFSY*123456
N1*SH*SHIPPER NAME*93*123456789
N3*9999 SHIPPER STREET*ADDITIONAL ADDRESS LINE
N4*SHIPPER CITY*ST*99999
N1*CN*CONSIGNEE NAME
N3*9999 CONSIGNEE STREET*ADDITIONAL ADDRESS LINE
N4*CONSIGNEE CITY*ST*99999
G61*DC*DELIVERY CONTACT NAME*TE*(888)999-9999
AT1*1
L11*999*DP
AT4*COMMODITY 1
AT2*5*CTN*N*L*210****999999-01
SPO*123*1144*CT*2*L*84
SPO*456*1144*CT*3*L*126
SE*18*000010001
```

The example above shows how freight not palletized would be mapped in an EDI 211 document. The loops 0200 & 0210 are used to define all line items. In this case there is only one commodity, therefore there is only one occurrence of each loop. The SPO segment is used in loop 0210 because it is directly associated with the commodity described in the AT1*1.

Loop 0220 is used only when the purchase order information cannot be directly associated with just the one line item. For example, multiple commodities (line items) are used to fill one purchase order. An example of this will be given later in the mixed commodities example.

Example 2 - Freight Palletized with One Commodity

H/U Count	H/U Type	Unit Count	Unit Type	Description of Article	NMFC Number	Weight
2	PLT	5	CTN	Commodity 1	999999-01	210

PO Number	Dept	CTN Count	Weight			
123	1144	2	84			
456	1144	3	126			

This shipment contains only one commodity but it has been palletized. Therefore when the Bill of Lading is printed, it will show two handling units (pallets) which is what the carrier picks up & is responsible for. On those two pallets are five cartons of commodity 1, NMFC number 999999-01, and the total weight for the shipment is 210 pounds. The one commodity is split between purchase order number 123, which contained two cartons going to department 1144 weighing 84 pounds & purchase order 456 also going to department 1144 weighing 126 pounds.

ST*211*000010001
BOL*YFSY*PP*12345*980101**1231234561
B2A*00
MS2*YFSY*123456
N1*SH*SHIPPER NAME*93*123456789
N3*9999 SHIPPER STREET*ADDITIONAL ADDRESS LINE
N4*SHIPPER CITY*ST*99999
N1*CN*CONSIGNEE NAME
N3*9999 CONSIGNEE STREET*ADDITIONAL ADDRESS LINE
N4*CONSIGNEE CITY*ST*99999
G61*DC*DELIVERY CONTACT*TE*(888)999-9999
AT1*1
L11*999*DP
AT4*COMMODITY 1
AT2*2*PLT*N*L*210*5*CTN**999999-01
SPO*123*1144*CT*2*L*84
SPO*456*1144*CT*3*L*126
SE*18*000010001

The example above shows how a shipment with one commodity palletized would be mapped in an EDI 211 document. The loops 0200 & 0210 are used to define all line items. In this case there is only one commodity, therefore there is only one occurrence of each loop. In this example, the AT2 segment contains both the pallet information AT201 & AT202, and the unit information, AT206 & AT207. The SPO segment is used in loop 0210 because it is directly associated with the commodity described in the AT1*1.

Again, loop 0220 would only be used when the purchase order information cannot be directly associated with just the one line item. For example, multiple commodities (line items) are used to fill one purchase order. An example of this will be given later in the mixed commodities example.

Example 3 - Freight Palletized with Mixed Commodities

H/U Count	H/U Type	Unit Count	Unit Type	Description of Article	NMFC Number	Weight
2	PLT			Misc Pallets		530
		5	CTN	Commodity 1	999999-01	210
		10	CTN	Commodity 2	999998-01	240
		0	PLT	Pallet Weight		80

PO Number	Dept	CTN Count	Weight			
123	1144	10	294			
456	1144	5	156			

In this example, we have two pallets for a total shipment weight of 530 pounds which includes the weight of the commodities and the actual pallet weight. The commodities can be split on the two pallets or one pallet might contain one commodity and the other pallet contains the second commodity. In this example let's say each pallet contains a separate commodity. The shipment makes up two purchase orders, 123 & 456. On purchase order 123 we have three cartons of commodity 1 and seven cartons of commodity 2 all going to department 1144 and the total PO weight is 294 pounds. PO 456 has two cartons of commodity 1 and three cartons of commodity 2 also going to department 1144 for a total PO weight of 156 pounds.

```
ST*211*000010001
BOL*YFSY*PP*12345*980101**1231234561
B2A*00
MS2*YFSY*123456
N1*SH*SHIPPER NAME*93*123456789
N3*9999 SHIPPER STREET*ADDITIONAL ADDRESS LINE
N4*SHIPPER CITY*ST*99999
N1*CN*CONSIGNEE NAME
N3*9999 CONSIGNEE STREET*ADDITIONAL ADDRESS LINE
N4*CONSIGNEE CITY*ST*99999
G61*DC*DELIVERY CONTACT*TE*(888)999-9999
AT1*1
L11*123*DP
AT4*MISC PALLETS
AT2*2*PLT*N*L*0
AT1*2
AT4*COMMODITY 1
AT2*0*PLT*N*L*210*5*CTN**999999-01
AT1*3
AT4*COMMODITY 2
AT2*0*PLT*N*L*240*10*CTN**999998-01
AT1*4
AT4*PALLET WEIGHT
AT2*0*PLT*N*L*80*0*PLT
AT1*5
LX*1
SPO*123*1144*CT*7*L*294
SPO*456*1144*CT*8*L*156
SE*29*000010001
```

The example above shows how a shipment with mixed commodities palletized would be mapped in an EDI 211 document. The first line item in loop 0200 is used to report pallet information. The literal "MISC PALLETS" is used to trigger that this shipment contains mixed commodities on a single pallet or multiple pallets. In this loop the number of pallets of the shipment are given.

The second line item loop contains the commodity description, commodity 1, in the AT4 segment and the commodity details, number of pieces, packaging form code and a unique NMFC number in the AT2 segment. In the above example the second line item loop contains five cartons of commodity 1. Notice the SPO information is not contained in loop 0210 because the purchase order information is associated with both commodities and therefore, is passed in loop 0220.

The third line item loop contains commodity information for the ten cartons of commodity 2 and the NMFC number associated with those ten cartons.

The fourth line item identifies the actual pallet information. The weight and the description are provided but the quantity is 0 and the NMFC number is not used.

The final line item loop identifies the purchase order information. Because the purchase order is not directly associated with one particular line item, the purchase order information must be in its own separate loop, 0220. To clarify, purchase order 123 contained two units of commodity 1 and five units of commodity 2 and therefore, cannot be associated with one particular line and must be in its own loop. Same goes for purchase order 456.

Example 4 - Freight Palletized with Mixed Commodities & Loose Cartons

H/U Count	H/U Type	Unit Count	Unit Type	Description of Article	NMFC Number	Weight
2	PLT			Misc Pallets		530
		5	CTN	Commodity 1	999999-01	210
		10	CTN	Commodity 2	999998-01	240
2	CTN			Commodity 3	999997-01	84

PO Number	Dept	CTN Count	Weight			
123	1144	10	294			
456	1144	7	240			

In this example we have two pallets for a total weight of 450 pounds and two loose cartons that are not palletized for a total weight of 84 pounds. The palletized commodities can be split on two pallets or one pallet might contain one commodity and the other pallet contains the second commodity. In this example each pallet contains a separate commodity. The shipment makes up two purchase orders, 123 & 456. On purchase order 123 we have three cartons of commodity 1 and seven cartons of commodity 2 all going to department 1144 and the total PO weight is 294 pounds. PO 456 has two cartons of commodity 1, three cartons of commodity 2 and two cartons of commodity 3 also going to department 1144 for a total PO weight of 240 pounds.

```
ST*211*000010001
BOL*YFSY*PP*12345*19980501**1231234561
B2A*00
MS2*YFSY*123456
N1*SH*SHIPPER NAME*93*123456789
N3*9999 SHIPPER STREET*ADDITIONAL ADDRESS LINE
N4*SHIPPER CITY*ST*99999
N1*CN*CONSIGNEE NAME
N3*9999 CONSIGNEE STREET*ADDITIONAL ADDRESS LINE
N4*CONSIGNEE CITY*ST*99999
G61*DC*DELIVERY CONTACT*TE*(888)999-9999
AT1*1
AT4*MISC PALLETS
AT2*2*PLT*N*L*0
AT1*2
AT4*COMMODITY 1
AT2*0*CTN*N*L*210*5*CTN**999999-01
AT1*3
AT4*COMMODITY 2
AT2*0*CTN*N*L*240*10*CTN**999998-01
AT1*4
AT4*COMMODITY 3
AT2*2*CTN*N*L*84****999997-01
AT1*5
LX*1
SPO*123*1144*CT*10*L*294
SPO*456*1144*CT*7*L*240
SE*30*000010001
```

This example shows how a shipment with mixed commodities palletized and two loose cartons would be mapped in an EDI 211 document. The first line item loop 0200 is used to report on pallet information. The literal "MISC PALLETS" is used to indicate this shipment contains mixed commodities on a single pallet or multiple pallets. In this loop the number of pallets are provided.

The second line item loop contains the commodity description, commodity 1, in the AT4 segment and the commodity details, number of pieces, packaging form code and a unique NMFC number in the AT2 segment. In the above example the second line item loop contains five cartons of commodity 1. Notice the SPO information is not contained in loop 0210 because the purchase order information is associated with both commodities and therefore, is passed in loop 0220.

The third line item loop contains commodity information for the ten cartons of commodity 2 and the NMFC number associated with those ten cartons.

The fourth line item loop contains commodity information for the 2 loose cartons of commodity 3 and the NMFC number associated with those two cartons.

The final line item loop identifies the purchase order information. Because the purchase order is not directly associated with one particular line item, the purchase order information must be in its own separate loop, 0220. To clarify, purchase order 123 contained five units of commodity 1 and five units of commodity 2 and therefore, cannot be associated with one particular line and must be in its own loop. Purchase order 456 contains 5 units of commodity 2 and the 2 loose cartons.