



MAHER TERMINALS LLC RAIL EDI 210 GUIDELINES

Motor Carrier Freight Details and Invoice
Data Requirements

August 25, 2025

1. Purpose

The EDI 210 Motor Carrier Freight Details and Invoice message is to provide billing information related to the motor carrier's freight shipment invoice. Billing for Rail Drayage moves related to EDI 204 received and containers Drayed From and To the MMR - Millennium Marine Rail facility and the Maher Terminals Marine Terminal.

2. 210 Requirements

Maher supports the EDI 210 version 4010 standard.

Segment	Description	Required?	Max Use	Loop ID
ISA	Interchange Control Header	•	1	
GS	Functional Group Header	•	1	
ST	Transaction Set Header		1	
B3	Beginning Segment		1	
C3	Currency		1	
ITD	Terms of Sale		1	
N9	Reference Identification		300	ID: 0100 = 10
G62	Date / Time		6	
N1	Name	•	10	ID: 0200 = 10
N7	Equipment Details	•	1	
LX	Assigned Number	•	9999	ID: 0400 = 10
L1	Rate and Charges	•	1	
L3	Total Weight and Charges	•	1	
SE	Transaction Set Trailer	•	1	
GE	Functional Group Trailer	•	1	
IEA	Interchange Control Trailer	•	1	

3. 210 Segment Details

ISA Segment: Transaction Set Header

Example: ISA*00* *00* *02*SENDER *ZZ*RECEIVER *250812*0348*U*00401*000015298*1*P*>

- ISA01 – Authorization Information Qualifier
- ISA02 – Authorization Information (10 spaces)
- ISA03 – Security Information Qualifier
- ISA04 – Security Information

- ISA05 – Interchange ID Qualifier
- ISA06 – Interchange Sender ID
- ISA07 – Interchange ID Qualifier
- ISA08 – Interchange Receiver ID
- ISA09 – Date (YYMMDD)
- ISA10 – Time (HHMM)
- ISA11 - Repetition Separator
- ISA12 – Interchange Control Version Number (00401)
- ISA13 - Interchange Control Number
- ISA14 – Acknowledgement Requested
 - 0 – None Requested
 - 1 – Requested
- ISA15 – Usage Indicator
 - P – Production
 - T – Test

GS Segment: Transaction Set Header

Example: GS*IM*SENDER*RECEIVER*20250812*0348*15298*X*004010

- GS01 – Functional Identifier Code (IM = Motor Carrier Freight Details and Invoices)
- GS02 – Sender’s Code
- GS03 – Receiver’s Code
- GS04 – Date (YYYYMMDD)
- GS05 – Time (HHMM)
- GS06 – Group Control Number
- GS07 – Responsible Agency Code (X = Accredited Standards Committee X12)
- GS08 – Version (4010)

ST Segment: Transaction Set Header

Example: ST*210*1140001

- ST01 – Transaction Set Identifier Code (210 = Motor Carrier Freight Details and Invoices)
- ST02 – Transaction Set Control Number

B3 Segment: Beginning Segment for Carrier’s Invoice

Example: B3123456**DE**20250813*12300**20250813*035*MHER**

- B301 – Not Used
- B302 – Invoice Number
- B303 – Not Used
- B304 – Shipment Method of Payment
- B305 – Not Used
- B306 – Billing Date (YYYYMMDD)
- B307 – Net Amount Due
- B308 – Not Used
- B309 – Delivery Date (YYYYMMDD)
 - For shipments invoiced prior to delivery, use estimated date of delivery.

B310 – Tariff Service Code
B311 – Transportation Terms Code

C3 Segment: Currency

Example: : C3*USD

C301 – Billing Currency (USD)

N9 Segment: Reference Identification

Example: N9*BM*08856BOL33

N901 – Reference Identification Qualifier

- 9R – IMDL Job / Work Order Number
- BM – Bill of Lading
- BN – Booking Number
- QC – Container Number
- WO – IMDL Job / Work Order Number

N902 – Reference Identification

N1 Segment: Name

Example: N1*PE*MAHER TERMINALS LLC*2*MHER

Example: N1*PR*CUSTOMER*2*SCAC

N101 – Entity Identifier Code

- PE – Payee
- PR – Payer

N102 – Name

N103 – Identification Code Qualifier

- 02 – Standard Carrier Alpha Code (SCAC)

N104 – Identification Code

GS2 Segment: Date/Time

Example: G62*86*20250812

G6201 – Date Qualifier: 86 – Actual Pickup Date

G6202 – Date YYYYMMDD

LX Segment: Date/Time

Example: G62*86*20250812

G6201 – Date Qualifier: 86 – Actual Pickup Date

G6202 – Date YYYYMMDD

L1 Segment: Rate and Charges

Example: L1*1*RATE*PU*Charge

L101 – Lading Line Item Number - 1
L102 – Freight Rate
L103 – Rate Value Qualifier: PU – Per Unit
L103 – Charge

N7 Segment: Equipment Details

Example: N7*ABCU*123456

N701 – Equipment Prefix
N702 – Equipment Number

L3 Segment: Total Weight and Charges

Example: L3*RATE*PU*Total Charge*****Qty**
Example: L3*Total Charge**

L303 – Freight Rate
L304 – Rate Value Qualifier: PU – Per Unit
L305 – Total Charge
L311 – Lading Quantity

SE Segment: Transaction Set Trailer

Example: SE*10*1140001

SE01 – Number of Segments Included
SE02 – Transaction Set Control Number

GE Segment: Functional Group Trailer

Example: GE*1*15298

GE01 – Number of Transaction Sets Included
GE02 – Group Control Number

IEA Segment: Interchange Control Trailer

Example: IEA*1*000015298

IEA01 – Number of Functional Groups Included
IEA02 – Interchange Control Number (Same number as ISA13)

4. Sample EDI 210 File

Loop Option 1 – Each Charge in LX Loop – Container in N9*QC:

Sample 210
ISA*00* *00* *02*SENDER *ZZ*RECEIVER *250812*0348*U*00401*000015298*0*P*> GS*IM*SENDER*RECEIVER*20250812*0348*15298*X*004010 ST*210*0271 B3**INVOICENUMBER**DE**20250812*2124591**20250812*099*MHER C3*USD N1*PE*MAHER TERMINALS LLC*2*MHER N1*PR*CUSTOMER*2*SCAC LX*1 N9*QC*ABCD1234567 N9*9R*WONUM01 N9*BM*BOL123 L1*1*RATE*PU*CHARGE LX*2 N9*QC*ABCD2234567 N9*9R*WONUM02 N9*BN*BOOK123 L1*1*RATE*PU*CHARGE LX*3 N9*QC*ABCD3234567 N9*9R*WONUM03 N9*BM* BOL124 L1*1*RATE*PU*CHARGE L3***RATE*PU*TOTALCHARGE*****3 SE*22*0271 GE*2*15298 IEA*1*000015298

Loop Option 2 – One Charge in ST-SE – Container in N7 Segment:

Sample 210
ISA*00* *00* *02*SENDER *ZZ*RECEIVER *250812*0348*U*00401*000015298*0*P*> GS*IM*SENDER*RECEIVER*20250812*0348*15298*X*004010 ST*210*0001 B3**INVNUMBER*PP***20250810*4000**20250810*099*MHER C3*USD N9*BN*BOOK123 N9*WO*WONUM01 G62*86*20250812 N7*ABCD*1234567 LX*1 L1*1*RATE*PU*CHARGE L3*****TOTALCHARGE SE*11*0001 ST*210*0002 B3**INVNUMBER*PP***20250810*4000**20250810*099*MHER C3*USD N9*BN*BOOK124 N9*WO*WONUM02 G62*86*20250812 N7*ABCD*2234567 LX*1 L1*1*RATE*PU*CHARGE L3*****TOTALCHARGE SE*11*0002 GE*2*15298 IEA*1*000015298