



ASSOCIATION
OF AMERICAN
RAILROADS

CARTA PORTE EDI SUPPLEMENT

RAIL CARRIER INDUSTRY GUIDE TO ELECTRONIC DATA INTERCHANGE

**APPLICABLE VERSION/RELEASE
005010RAIL THROUGH 008020RAIL**

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Background

The changes detailed in this document apply to the Rail Carrier Shipment Information/Bill of Lading (EDI 404) and Rail Carrier Waybill Interchange (EDI 417) and reflect enhancements to those transaction sets to support Carta Porte regulations being enacted by the Servicio de Administración Tributaria (SAT). All changes listed apply to EDI versions 5010RAIL through 8020RAIL. These changes will be incorporated into version 8030RAIL.

EDI Changes

Changes to the EDI Rail Front Matter

Section 5.1, REF Segment at Position 035

- *NOTE: Currently only supported for intra-Mexico rail shipments. Not all carriers support the below functionality. Contact your origin carrier for specific usage.*
- Mark REF segment within N1 Looping Structure as open and available for use. Marked REF04 as not used.
- Add REF01 qualifier of 'TJ' - Federal Taxpayer's Identification Number
 - Add greynote which states *"Required for shipper, consignee and party to receive freight bill/party to be billed when a REF01 equal to 'UNC' is present within N7/REF loop. When used, this is the Taxpayer ID for the country listed in the N404."*

Section 5.1, PER Segment at Position 040

- Add PER01 qualifier of 'SP' - Special Program Contact
 - Add greynote which states *"Required and only allowed for shipper (N1*SH) when a REF01 equal to 'UNC' is present within the N7/REF loop."*
- Add PER02 greynote which states *"Required when PER01='SP' and must contain the name of a 24-hour contact who is qualified to give Mexican Carta Porte instructions."*
- Add PER03 greynote which states *"Required when PER01='SP' and must be equal to 'TE'"*
- Add PER04 greynote which states *"Required when PER01='SP' and must be a telephone number of the contact identified in the PER02"*
- Add PER05 greynote which states *"Required when PER01='SP' and must be equal to 'EM'"*
- Add PER06 greynote which states *"Required when PER01='SP' and must be an email address of the contact identified in the PER02"*

Changes to the Rail Carrier Shipment Information/Bill of Lading (EDI404)

N9 Segment at Position 060

- N901: Add 'UUI' - Universal Unique Identifier (UUID) qualifier
 - Add greynote which states *"Required on all shipments shipped under an 'A1' Pedimento type (both loaded and revenue empty) with a rail origin within Mexico to a destination outside of Mexico. When used the maximum allowed length of the N902 increases to 50 characters."*

N7 Segment at Position 100

- Add segment greynote which states *"For all loaded or revenue empty shipments with an origin or destination within Mexico at least one occurrence of the REF with qualifier of 'UNC' at position 176 and N10 at position 178 is required for each piece of equipment in the shipment"*

REF Segment within N7/REF Loop at Position 176

- REF01: Add 'UNC' - United Nations Standard Products and Service Code (UNSPSC) qualifier

- Add greynote which states *“Required on all loaded and revenue empty shipments with an origin or destination within Mexico. Also required on all residue last-contained hazardous with an origin or destination within Mexico.”*

N9 Segment within N7/REF Loop at Position 177

- N901: Add ‘MHC’ - Mexico Servicio de Administración Tributaria (SAT) Hazardous Code qualifier
 - Add greynote which states *“Required on all hazardous loaded and residue last-contained shipments with an origin or destination within Mexico. When used, REF01 must equal ‘UNC’.”*
 - Add greynote which states *“Used to convey UN/NA Identification Code of the hazardous substance. The prefix of ‘UN’ or ‘NA’ must be included with the numeric identification code.”*
- N901: Add ‘MTC’ - Mexico Tariff Rate Code (Fracción Arancelaria) qualifier
 - Add greynote which states *“Required on all international loaded and revenue empty moves into or out of Mexico, including those processed through ocean ports. Also required on all international residue last-contained hazardous moves into or out of Mexico, including those processed through ocean ports. When used, REF01 must equal ‘UNC’.”*
 - Add greynote which states *“When used the N902 must contain 10 digits and should not include punctuation”*

N10 Segment within N7/REF Loop at Position 178

- N10 Segment: Add segment greynote which states *“At least one instance of this segment is required when REF01 is equal to ‘UNC’. Additional instances are required when package type (N1010) changes.”*
- N1001: Add element greynotes to N1001 which state *“Required when REF01 is equal to ‘UNC’”*
- N1002: N1002 is required when the REF01 is equal to ‘UNC’ and represents the description of the United Nations Standard Products and Service Code (UNSPSC).
 - Add N1002 greynote which states *“Should commodity description exceed 45 characters use a second iteration of the N10 segment. In the second iteration only the N1002 with the remaining description should be present.”*
- N1007: Add element greynotes to N1007 which state *“Required on loaded shipments when REF is equal to ‘UNC’”*
- N1008: Add element greynotes to N1008 which state *“Required on loaded shipments when REF is equal to ‘UNC’”*
- N1010: Add element greynotes to N1010 which state *“Required when REF01 is equal to ‘UNC’”*
- N1011: Add new element greynote to N1011 which states *“Required when REF01 is equal to ‘UNC’ and the ultimate origin country is outside North America. When used for this purpose it must contain the ISO-3166 Alpha-3 country code identification.”*

- N1012: Add element greynote to N1012 which states *“Required when REF01 is equal to ‘UNC’ and the ultimate destination country is outside North America. When used for this purpose it must contain the ISO-3166 Alpha-3 country code identification.”*

Changes to the Rail Carrier Waybill Interchange (EDI417)

N9 Segment at Position 050

- N901: Add ‘UUI’ - Universal Unique Identifier (UUID) qualifier
 - Add greynote which states *“Required on all shipments shipped under an ‘A1’ Pedimento type (both loaded and revenue empty) with a rail origin within Mexico to a destination outside of Mexico. When used the maximum allowed length of the N902 increases to 50 characters.”*

N7 Segment at Position 080

- Add segment greynote which states *“For all loaded or revenue empty shipments with an origin or destination within Mexico at least one occurrence of the REF with qualifier of ‘UNC’ at position 166 and N10 at position 168 is required for each piece of equipment in the shipment”*

REF Segment within N7/REF Loop at Position 166

- REF01: Add ‘UNC’ - United Nations Standard Products and Service Code (UNSPSC) qualifier
 - Add greynote which states *“Required on all loaded and revenue empty shipments with an origin or destination within Mexico. Also required on all residue last-contained hazardous with an origin or destination within Mexico.”*

N9 Segment within N7/REF Loop at Position 167

- N901: Add ‘MHC’ - Mexico Servicio de Administración Tributaria (SAT) Hazardous Code qualifier
 - Add greynote which states *“Required on all hazardous loaded and residue last-contained shipments with an origin or destination within Mexico. When used, REF01 must equal ‘UNC’.”*
 - Add greynote which states *“Used to convey UN/NA Identification Code of the hazardous substance. The prefix of ‘UN’ or ‘NA’ must be included with the numeric identification code.”*
- N901: Add ‘MTC’ - Mexico Tariff Rate Code (Fracción Arancelaria) qualifier
 - Add greynote which states *“Required on all international loaded and revenue empty moves into or out of Mexico, including those processed through ocean ports. Also required on all international residue last-contained hazardous moves into or out of Mexico, including those processed through ocean ports. When used, REF01 must equal ‘UNC’.”*
 - Add greynote which states *“When used the N902 must contain 10 digits and should not include punctuation”*

N10 Segment within N7/REF Loop at Position 168

- N10 Segment: Add segment greynote which states *“At least one instance of this segment is required when REF01 is equal to ‘UNC’. Additional instances are required when package type (N1010) changes.”*

- N1001: Add element greynotes to N1001 which state *“Required when REF01 is equal to ‘UNC’”*
- N1002: N1002 is required when the REF01 is equal to ‘UNC’ and represents the description of the United Nations Standard Products and Service Code (UNSPSC).
 - Add N1002 greynote which states *“Should commodity description exceed 45 characters use a second iteration of the N10 segment. In the second iteration only the N1002 with the remaining description should be present.”*
- N1007: Add element greynotes to N1007 which state *“Required on loaded shipments when REF is equal to ‘UNC’”*
- N1008: Add element greynotes to N1008 which state *“Required on loaded shipments when REF is equal to ‘UNC’”*
- N1010: Add element greynotes to N1010 which state *“Required when REF01 is equal to ‘UNC’”*
- N1011: Add new element greynote to N1011 which states *“Required when REF01 is equal to ‘UNC’ and the ultimate origin country is outside North America. When used for this purpose it must contain the ISO-3166 Alpha-3 country code identification.”*
- N1012: Add element greynote to N1012 which states *“Required when REF01 is equal to ‘UNC’ and the ultimate destination country is outside North America. When used for this purpose it must contain the ISO-3166 Alpha-3 country code identification.”*

EDI Examples

In the following examples, new data present in support of Carta Porte regulations have been **bolded**.

Example 1 – Domestic Shipment within Mexico

```

ST*404*9945
BX*04*R*PP**KCSM*K*B
BNX*N**S
M3*R*20211109*0937
N9*BM*BILL OF LADING NO
N7*KCSU*123456*12500*N*****CN****2000
M7*SEAL NO
REF*UNC*METALS UNSPSC CODE
N10*20*METALS UNSPSC COMMODITY DESCRIPTION*****K*12500**PLT
F9**PANTACO*DF
D9**SALINAS VICTORIA*NL
N1*SH*MEX SHIPPER
N3*CALZ AZCAPATZALCO LA VILLA 124
N4*PANTACO*DF*02530*MX
REF*TJ*ABC123456789
PER*SP*JOHN DOE*TE*9195550101*EM*JOHN.DOE@MEXSHIPPING.MX
N1*CN*MEX CONSIGNEE
N3*GOBERNADORES 65500
N4*SALINAS VICTORIA*NL*65500*MX
REF*TJ*DEF112233445
N1*PF*MEX PAYOR FREIGHT
N3*CUMBRES DE MALTRATA 360
N4*MEXICO CITY*DF*11580*MX
REF*TJ*JKL123987456
...
LX*1
L5*1*METALS:(NOS)*4611110*T
L0*1***12500*N*****K
SE*38*9945

```

REF with United Nations Standard Products and Service Code and N10 are required for each commodity and package type combination included in the shipment.

Example 2 – Rail Export Shipment from Mexico

```

ST*404*0001
BX*00*X*PP***L*B
BNX*A**S
M3*R*20211109*1006*CT
N9*BM*BILL OF LADING NO**20211109*1006*CT
N9*UUI*INTERNATIONAL TRADE CFDI UUID
N7*KCSU*123456*15433*N*****CN****5300
M7*SEAL NO
REF*UNC*APPLIANCE A UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*100*APPLIANCE A UNSPSC COMMODITY DESCRIPTION*****L*15000**PCS
REF*UNC*APPLIANCE B UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*4*APPLIANCE B UNSPSC COMMODITY DESCRIPTION*****L*433**PCS
F9**PANTACO*DF
D9**CHICAGO*IL
N1*SH*MEX SHIPPER
N3*CALZ AZCAPATZALCO LA VILLA 124
N4*PANTACO*DF*02530*MX
REF*TJ*ABC123456789
PER*SP*JOHN DOE*TE*9195550101*EM*JOHN.DOE@MEXSHIPPING.MX
N1*CN*US CONSIGNEE
N3*123 WACKER DRIVE
N4*CHICAGO*IL*60601*US
REF*TJ*123456789
N1*PF*MEX PAYOR FREIGHT
N3*CUMBRES DE MALTRATA 360
N4*MEXICO CITY*DF*11580*MX
REF*TJ*JKL123987456
...
LX*1
L5*1*MISC. APPL*3634348*T
L0*1***15433*N***104*PCS
PI*CT*123456***KCSM*QT
SE*57*0001

```

N9 with Universal Unique Identifier is required for export loads and revenue empties with an 'A1' type pedimento.

REF with United Nations Standard Products and Service Code, N9 with Mexico Tariff Rate Code and N10 are required for each commodity and package type combination included in the shipment.

Example 3 – Rail Import Shipment to Mexico

ST*404*368064001
 BX*00*X*PP***L*B
 BNX*M**S
 N9*BM*BILL OF LADING NO**20211109*1122*CT
 N7*KCSU*123456*7497*N*****CN*****5300
 M7*SEAL NO
REF*UNC*ROOFING MATERIALS UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*26*ROOFING MATERIALS UNSPSC COMMODITY
DESCRIPTION***L*7497**PLT**
 F9**WYLIE*TX
 D9**SALINAS VICTORIA*NL
 N1*SH*US SHIPPER
 N3*133 CREEK AVENUE
 N4*WYLIE*TX*75002*US
REF*TJ*123456789
PER*SP*JOHN DOE*TE*9195550101*EM*JOHN.DOE@USSHIPPING.COM
 N1*CN*MEX CONSIGNEE
 N3*GOBERNADORES 65500
 N4*SALINAS VICTORIA*NL*65500*MX
REF*TJ*DEF112233445
 N1*PF*US PAYOR FREIGHT
 N3*123 MAIN STREET
 N4*CHICAGO*IL*60601*US
REF*TJ*998877654
 ...
 LX*1
 L5*1*ROOFING, COMPOSITION OR PREPARED, NEC*2952190*T
 L0*1***7497*N***26*PLT
 PI*CT*123456***KCSM*QT
 SE*60*368064001

REF with United Nations Standard Products and Service Code, N9 with Mexico Tariff Rate Code and N10 are required for each commodity and package type combination included in the shipment.

Example 4 – Seaport Origin

ST*404*9943
 BX*04*R*PP***K*B
 BNX*N**S
 M3*R*20211108*1152
 N9*BM*BILL OF LADING NO
 N9*BN*BOOKING NO
 CM*123S*L*HONG KONG HK*20210927*BOOKING***VESSEL
 N7*KCSU*123456*17136*N*****CN****4000**0****45000
 M7*SEAL NO
REF*UNC*CONSUMER PRODUCTS A UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*15*CONSUMER PRODUCTS A UNSPSC COMMODITY
DESCRIPTION***L*7497**PLT*HKG**
REF*UNC*CONSUMER PRODUCTS B UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*20*CONSUMER PRODUCTS B UNSPSC COMMODITY
DESCRIPTION***L*9680**PLT*HKG**
REF*UNC*CONSUMER PRODUCTS C UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*10*CONSUMER PRODUCTS C UNSPSC COMMODITY
DESCRIPTION***L*5984**PLT*HKG**
 F9**APM LAZARO*MH
 D9**PANTACO*DF
 N1*SH*MEX SHIPPER
 N3*CALZ AZCAPATZALCO LA VILLA 124
 N4* APM LAZARO*MH*02530*MX
REF*TJ*ABC123456789
PER*SP*JOHN DOE*TE*9195550101*EM*JOHN.DOE@MEXSHIPPING.MX
 N1*CN*MEX CONSIGNEE
 N3*GOBERNADORES 65500
 N4* PANTACO*DF*65500*MX
REF*TJ*DEF112233445
 N1*PF*MEX PAYOR FREIGHT
 N3*CUMBRES DE MALTRATA 360
 N4*MEXICO CITY*DF*11580*MX
REF*TJ*JKL123987456
 ...
 LX*1
 L5*1*CONSUMER PRODUCTS:(NOS)*4611110*T
 L0*1***23161*N*****K
 SE*41*9943

REF with United Nations Standard Products and Service Code, N9 with Mexico Tariff Rate Code and N10 are required for each commodity and package type combination included in the shipment.

Example 5 – Seaport Destination

```

ST*404*9943
BX*04*R*PP***K*B
BNX*N**S
M3*R*20211108*1152
N9*BM*BILL OF LADING NO
N9*BN*BOOKING NO
N9*UUI*INTERNATIONAL TRADE CFDI UUID
CM*123S*1*KOREA KR**BOOKING***VESSEL
N7*KCSU*123456*17136*N*****CN****4000**0****45000
M7*SEAL NO
REF*UNC*CONSUMER PRODUCTS A UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*15*CONSUMER PRODUCTS A COMMODITY
DESCRIPTION*****L*7497**PLT**KOR
REF*UNC*CONSUMER PRODUCTS B UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*20*CONSUMER PRODUCTS B COMMODITY
DESCRIPTION*****L*9680**PLT**KOR
REF*UNC*CONSUMER PRODUCTS C UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*10*CONSUMER PRODUCTS C COMMODITY
DESCRIPTION*****L*5984**PLT**KOR
F9**PANTACO*DF
D9**HPH LAZARO*MH
N1*SH*MEX SHIPPER
N3*CALZ AZCAPATZALCO LA VILLA 124
N4*PANTACO*DF*02530*MX
REF*TJ*ABC123456789
PER*SP*JOHN DOE*TE*9195550101*EM*JOHN.DOE@MEXSHIPPING.MX
N1*CN*MEX CONSIGNEE
N3*GOBERNADORES 65500
N4*HPH LAZARO*MH*65500*MX
REF*TJ*DEF112233445
N1*PF*MEX PAYOR FREIGHT
N3*CUMBRES DE MALTRATA 360
N4*MEXICO CITY*DF*11580*MX
REF*TJ*JKL123987456

...
LX*1
L5*1*CONSUMER PRODUCTS:(NOS)*4611110*T
L0*1***23161*N*****K
SE*41*9943

```

N9 with Universal Unique Identifier is required for export loads and revenue empties with an 'A1' type pedimento.

REF with United Nations Standard Products and Service Code, N9 with Mexico Tariff Rate Code and N10

are required for each commodity and package type combination included in the shipment.

Example 6 – Hazardous Material Shipment

ST*404*798250001
 BX*00*R*PP***K*B*N
 BNX*N**S
 M3*R*20211109*0700*CT
 N9*BM*BILL OF LADING NO**20211109*0700*CT
 N7*KCSX*123456*91358*N*****RR
 M7*SEAL NO
REF*UNC*METHANOL UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N9*MHC*UN1993
N10*1*METHANOL UNSPSC COMMODITY DESCRIPTION***K*91358**TNK**
 F9**TULA*HG
 D9**EL CAYACAL*MH
 N1*SH*MEX SHIPPER
 N3*CALZ AZCAPATZALCO LA VILLA 124
 N4* TULA*HG *02530*MX
REF*TJ*ABC123456789
PER*SP*JOHN DOE*TE*9195550101*EM*JOHN.DOE@MEXSHIPPING.MX
 N1*CN*MEX CONSIGNEE
 N3*GOBERNADORES 65500
 N4*EL CAYACAL*MH*65500*MX
REF*TJ*DEF112233445
 N1*PF*MEX PAYOR FREIGHT
 N3*CUMBRES DE MALTRATA 360
 N4*MEXICO CITY*DF*11580*MX
REF*TJ*JKL123987456
 ...
 LX*1
 L5*1*LIQUIDO INFLAMABLE, N.E.P *4910564*L
 L0*1***0*N***1*TKR
 PI*CT*123456***KCSM
 LS*7000
 LH1*TK*1*UN1993**4910564*MT*1***I
 LH2*3*P
 LH3*FLAMMABLE LIQUIDS*D
 LH3*N.O.S.*D
 LFH*TEC*(METANOL)
 PER*MX*EMERGENCY CONTACT*TE*01 800 0021400
 LE*7000
 LH6*CERTIFIED BY
 SE*33*798250001

REF with United Nations Standard Products and Service Code, N9 with Mexico Servicio de Administración Tributaria (SAT) Hazardous Code, N9 with Mexico Tariff Rate Code and N10 are required for each commodity and package type combination included in the shipment.

Carta Porte Data Sources

General Carta Porte Information

http://omawww.sat.gob.mx/tramitesyservicios/Paginas/complemento_carta_porte.htm

United Nations Standard Products and Service Code (UNSPSC)

<http://omawww.sat.gob.mx/tramitesyservicios/Paginas/documentos/CatalogosCartaPorte20.xls>

(reference the c_ClaveProdServCP tab)

Mexican Association of Railroads (Asociación Mexicana de Ferrocarriles, A.C.) UNSPSC – STCC Mapping (not a comprehensive list of all possible UNSPSC or STCC codes): <https://www.kcsouthern.com/pdf/Rail-Resource-Center/STCC-SAT%20Proposed%20Mapping%20.pdf>

'MHC' - Mexico Servicio de Administración Tributaria (SAT) Hazardous Code

<http://omawww.sat.gob.mx/tramitesyservicios/Paginas/documentos/CatalogosCartaPorte20.xls>

(reference the c_MaterialPeligroso tab)

Mexico Tariff Rate Codes (Fracción Arancelaria)

<https://www.inegi.org.mx/app/tigie/>

Change History

Version	Updates	Date
1.5	Added PER qualifier 'SP' for Carta Porte contact Indicated REF04 would be marked as not used and that 'TJ' value is not supported by all carriers Added links to data sources and additional information	2/23/2022