

KANSAS CITY SOUTHERN



Automotive
EDI Changes to Support
Carta Porte Regulations

Segment Structure

POS. #	SEG. ID	SEGMENT NAME	REQ. DES.	MAX USE	REPEAT	USAGE
	ISA	Interchange Control Header	M	1		Must Use
	GS	Functional Group Header	M	1		Must Use
010	ST	Transaction Set Header	M	1		Must Use
020	ZC1	Beginning Segment For Data Correction Or Change	O	1		Used
030	BX	General Shipment Information	O	1		Used
040	BNX	Rail Shipment Information	O	1		Used
050	M3	Release	M	1		Used
060	N9	Extended Reference Identification	M	30		Used
070	CM	Cargo Manifest	O	2		Used
080	M1	Insurance	O	1		Not Used
090	DTM	Date/Time Reference	O	5		Used
LOOP ID - N7					500	
100	N7	Equipment Details	M	1		Must Use
110	EM	Equipment Characteristics	O	1		Not Used
LOOP ID - N7/VC					36	
120	VC	Motor Vehicle Control	O	1		Used
LOOP ID - N7/VC/N1					2	
130	N1	Party Identification	O	1		Not Used
140	N3	Party Location	O	2		Not Used
150	N4	Geographic Location	O	1		Not Used
160	H3	Special Handling Instructions	O	1		Not Used
170	M7	Seal Numbers	O	5		Used
180	N5	Equipment Ordered	O	1		Not Used
190	IC	Intermodal Chassis Equipment	O	1		Used
200	IM	Intermodal Movement Information	O	1		Not Used
210	M12	In-bond Identifying Information	O	2		Used
LOOP ID - N7/E1					2	
220	E1	Empty Car Disposition - Pended Destination Consignee	O	1		Used
230	E4	Empty Car Disposition - Pended Destination City	O	1		Used
240	E5	Empty Car Disposition - Pended Destination Route	O	13		Used
250	PI	Price Authority Identification	O	1		Not Used
260	GA	Canadian Grain Information	O	15		Not Used
LOOP ID - N7/REF					99	
270	REF	Reference Information	O	1		Used
280	N9	Extended Reference Identification	O	10		Used
290	N10	Quantity and Description	O	15		Used
300	SMD	Consolidated Shipment Manifest Data	O	1		Not Used
310	VC	Motor Vehicle Control	O	36		Not Used

Outside Loop

Inside N7/REF Loop



Segments involved in Carta Porte information

▪ N9 Segment outside loop

- International Trade CFDI UUID
- New qualifier 'UUI' pending X12 approval for DED 128
- N901 usage greynote

"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."

▪ REF Segment in the N7/REF loop

- SAT Commodity Code which is based on the United Nations Standard Products and Service Code (UNSPSC)
- New qualifier 'UNC' pending X12 approval for DED 128
- REF01 usage greynote

"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 in the N7/REF loop

- Mexico Servicio de Administración Tributaria Hazardous Code
- New qualifier 'MHC' pending X12 approval for DED 128
- N901 usage greynote

"Required on all hazardous loaded and residue last-contained shipments with an origin or destination within Mexico. When used, REF01 must equal 'UNC'."

"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."

- Mexico Tariff Rate Code (Fracción Arancelaria)
- New qualifier 'MTC' pending X12 approval for DED 128
- N901 usage greynote

"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'."



Segments involved in Carta Porte information

- N10 Segment in the N7/REF loop
 - N10 Segment usage greynote
 - “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 usage greynotes
 - “Required when REF01 is equal to ‘UNC’.*
 - N1002 usage greynotes
 - “Required when REF01 is equal to ‘UNC’.*
 - N1007 usage greynotes
 - “Required on loaded shipments when REF is equal to ‘UNC’.*
 - N1008 usage greynotes
 - “Required on loaded shipments when REF is equal to ‘UNC’.*
 - N1010 usage greynotes
 - “Required when REF01 is equal to ‘UNC’.*
 - N1011 usage greynote
 - “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 three-letter country code identification.”*
 - N1012 usage greynote
 - “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 three-letter country code identification.”*
- Rail Version 5010 or greater is required
 - N9 Segment inside the N7/REF Loop is not available before 5010



Example – KCSM Export

ST*404*118530001
BX*00*R*11***L*B
BNX*A**S
M3*R*20210708*1734
N9*BM*BILL OF LADING NO**20210708*1734
N9*UUI*INTERNATIONAL TRADE CFDI UUID
N7*KCSX*953348*40000*N*****RR
VC*VIN1*A1*1*****A
VC*VIN2*A2*1*****A
VC*VIN3*A3*1*****A
VC*VIN4*A4*1*****A
VC*VIN5*B1*1*****A
VC*VIN6*B2*1*****A
M7*SEAL NO
M12*62**PORT*PORT****S4*TAXID/SCAC
REF*UNC*FINISHED VEHICLES UNSPSC CODE
N9*MTC*SAT TARIFF RATE CODE
N10*6*UNSPSC DESCRIPTION*****L*40000**VEH
F9*00049*MARISCALA*GJ
D9*2320*ST LUC*PQ
...
LX*1
L5*1*VEHICLES*3711120*T
L0*1***40000*N***6*VEH
PI*CT*12345***KCSM
SE*50*118530001



Required for export loads and revenue empties with 'A1' Pedimento Type



Data required for each commodity and package types included in the shipment.



Example - KCSM Seaport Origin/Destination

ST*404*266710001
 BX*00*R*CC***K*B
 BNX*A**S
 M3*R*20211109*1442
 N9*BM*BILL OF LADING NO**20211119*1515
 N7*KCSX*8208*****RR
 VC*VIN1*A1*1*****A
 VC*VIN2*A2*1*****A
 VC*VIN3*A3*1*****A
 VC*VIN4*A4*1*****A
 VC*VIN5*B1*1*****A
 VC*VIN6*B2*1*****A
 REF*UNC*FINISHED VEHICLES UNSPSC CODE
 N9*MTC*SAT TARIFF RATE CODE
 N10*6*UNSPSC DESCRIPTION*****L*4000**VEH*KOR
 F9**LAZARO CARDENAS*MH*MX
 D9**ROJAS*CU*MX
 ...
 LX*1
 L5*1*FINISHED VEHICLES*3711120*T
 L0*1*****6*VEH
 SE*64*266710001

Required for export loads and revenue empties with 'A1' Pedimento Type

ST*404*9943
 BX*04*R*PP***K*B
 BNX*N**S
 M3*R*20211109*1152
 N9*BM*BILL OF LADING NO**20211119*1515
 N9*UUI*INTERNATIONAL TRADE CFDI UUID
 N7*KCSX*123456*17136*N*****CN****4000**0****45000
 VC*VIN1*A1*1*****A
 VC*VIN2*A2*1*****A
 VC*VIN3*A3*1*****A
 VC*VIN4*A4*1*****A
 VC*VIN5*B1*1*****A
 VC*VIN6*B2*1*****A
 M7*SEAL NO
 REF*UNC*CONSUMER PRODUCTS A UNSPSC CODE
 N9*MTC*SAT TARIFF RATE CODE
 N10*15*UNSPSC DESCRIPTION*****L*7497**PLT**JPN
 F9**TOLUCA*EM
 D9**LAZARO CARDENAS*MH
 ...
 LX*1
 L5*1*FINISHED VEHICLES*3711120*T
 L0*1*****6*VEH
 SE*41*9943

Data required for each commodity and package types included in the shipment.



Example – KCSM Auto Parts

ST*404*5656
BX*00*R*11***L*B*N
BNX*A**S
M3*R*20211108*12555500*LT
N9*BM*BILL OF LADING NO**20211109*1255*CT
N7*KCSM*961485*45900*N*****RR****6000
M7*SEAL NO
REF*UNC*BATTERIES UNSPSC CODE
N10*10*UNSPSC DESCRIPTION*****L*30000**PLT
REF*UNC*SELT BELTS UNSPSC CODE
N10*10*UNSPSC DESCRIPTION*****L*15900**PLT
F9**ROJAS*CU
D9**DODGE CITY*MI
....
LX*1
L5*1*AUTO PARTS*3714993*T
L0*1***45900*N***180*PCS
SE*39*5656

Data required for each commodity
and package types included in the
shipment.

