

**JUNCTION FILE**  
**(7010 Release/Version Effective September 08, 2014)**  
**107 Byte File Record Layout**

FIELD NUMBER	FIELD DATA DESCRIPTION	FIELD LENGTH	DATA FORM	COLUMN NUMBERS
1	Junction Abbreviation	5	A	1-5
2	Standard Point Location Code	9	A	6-14
3	Junction Location Name	30	A	15-44
4	Filler	5	A	45-49
5	Junction State/Province	2	A	50-51
6	Junction Country	2	A	52-53
7	Filler	8	A	54-61
8	Effective Date	10	D	62-71
9	Expiration Date	10	D	72-81
10	Last Maintenance Timestamp	26	D	82-107

1. Junction Abbreviation -- A unique five (5) character alphabetic code assigned to a junction location by the Railinc Business Services Department of the Association of American Railroads. This field is required and cannot be blank.
2. Standard Point Location Code -- The unique nine (9) digit Standard Point Location Code (SPLC) as assigned by the National Motor Freight Traffic Association (NMFTA). This field is required and cannot be blank.
3. Junction Location Name -- An up to thirty (30) character name of a junction location (i.e. name of the city in which this junction is found). If this field is blank, it is to be interpreted as "not yet assigned".
4. Filler -- five (5) characters
5. Junction State/Province -- A two (2) character postal abbreviation for the state or province as a part of the address where this junction is located. If this field is blank, it is to be interpreted as "not yet assigned".
6. Junction Country -- two (2) characters
7. Filler -- eight (8) characters
8. Effective Date -- A ten (10) character representation of the date that the data in this Junction record is in effect in the format CCYY-MM-DD. This field is required and cannot be left blank.
9. Expiration Date -- A ten (10) character representation of the date that the data in this Junction record is to expire in the format CCYY-MM-DD. If blank, assume that the Junction is currently effective.
10. Last Maintenance Timestamp-- A twenty-six (26) character date and time stamp indicating when the update was applied to the central site IRF MARK system. This field cannot be blank.

**JUNCTION INTERCHANGE FILE**  
**(7010 Release/Version Effective September 08, 2014)**  
**100 Byte File Record Layout**

FIELD NUMBER	FIELD DATA DESCRIPTION	FIELD LENGTH	DATA FORM	COLUMN NUMBERS
1	Junction Abbreviation	5	A	1-5
2	Interchanging Carrier # 1	4	A	6-9
3	CSM Station FSAC # 1	5	A	10-14
4	Interchanging Carrier # 2	4	A	15-18
5	CSM Station FSAC# 2	5	A	19-23
6	Effective Date	10	D	24-33
7	Expiration Date	10	D	34-43
8	Interchange Type	1	A	44
9	Reporting Carrier # 1	4	A	45-48
10	Reporting Carrier # 2	4	A	49-52
11	Last Maintenance Timestamp	26	A	53-78
12	Delivery Only Flag	1	A	79
13	Inhibit Junction Advices	1	A	80
14	Filler	20	A	81-100

- 1 Junction Abbreviation -- A unique five (5) character alphabetic code assigned to a junction location by the Railinc Business Services Department of the Association of American Railroads. This field is required and cannot be blank.
- 2 Interchanging Carrier # 1 -- A four (4) character Standard Carrier Alpha Code (SCAC) assigned to one company (railroad) involved in this Interchange by the National Motor Freight Traffic Association (NMFTA). This field is required and cannot be blank.
- 3 CSM Station FSAC # 1 -- A five (5) digit Freight Station Accounting Code (FSAC) assigned by Carrier Identifier #1 to uniquely identify a station as reported in the Centralized Station Master (CSM) file maintained by the Railinc Business Services Department of the Association of American Railroads that represents the station at which this Interchange occurs. When this field is required, as per the Summary of Interchange Types, it cannot be left blank.
- 4 Interchanging Carrier # 2 -- A four (4) character Standard Carrier Alpha Code (SCAC) assigned to one company (railroad) involved in this interchange by the National Freight Traffic Association (NMFTA). This field is required and cannot be left blank.
- 5 CSM Station FSAC # 2 -- A five (5) digit Freight Station Accounting Code (FSAC) assigned by Carrier Identifier #2 to uniquely identify a station as reported in the Centralized Station Master (CSM) file maintained by the Railinc Business Services Department of the Association of American Railroads that represents the station at which this Interchange occurs. When this field is required, as per the Summary of Interchange Types, it cannot be left blank.
- 6 Effective Date -- A ten (10) character representation of the date that the data in this Junction record is in effect in the format CCYY-MM-DD. This field is required and cannot be left blank.
- 7 Expiration Date -- A ten (10) character representation of the date that the data in this Junction record is to expire in the format CCYY-MM-DD. If blank, assume that the Junction is currently effective.
- 8 Interchange Type -- A one (1) character alphabetic field used to indicate the type of Interchange traffic expected. This field is required and cannot be left blank. The currently acceptable entries in this field are:
  - C Indirect Haulage - Indirect Rail-to-or-from-Rail
  - E End of Train Device - Direct Rail-to-or-from-Other (non-rail)-Transportation-Mode
  - I Joint Motor-Rail - Direct Revenue Only - Joint Motor-Rail Movements
  - J Joint Industry Only – Direct Rail-to-or-from-Rail (for operating & NOT for revenue purposes)
  - N Normal - Direct Rail-to-or-from-Rail (for BOTH revenue & operating purposes)
  - O Operating Only - Direct Rail-to-or-from-Rail (for operating & NOT for revenue purposes)
  - P Per Diem Relief - Direct Rail-to-or-from-Intermodal Storage
  - R Rubber - Indirect Rail-to-or-from -Owner or Rail-to-or-from-Rail via drayman
  - S Shop - Direct Rail-to-or-from-Shop or TTX-to-or-from-Shop
  - V Revenue Only - Direct Rail-to-or-from-Rail (for revenue & NOT for operating purposes)
  - W Water - Direct Rail-to-or-from-Water Carrier
- 9 Reporting Carrier # 1 -- A four (4) character Standard Carrier Alpha Code (SCAC) assigned to one company (railroad) by the National Freight Traffic Association (NMFTA). This SCAC indicates the company (railroad) that is authorized by Carrier Identifier # 1 (field 2 above) to report interchanges to and receive interchange advices from the TRAIN-II system. This field is required and cannot be left blank.
- 10 Reporting Carrier # 2 -- A four (4) character Standard Carrier Alpha Code (SCAC) assigned to one company (railroad) by the National Freight Traffic Association (NMFTA). This SCAC indicates the company (railroad) that is authorized by Carrier Identifier # 2 (field 4 above) to report interchanges to and receive interchange advices from the TRAIN-II system. This field is required and cannot be left blank.

- 11 Last Maintenance Timestamp -- A twenty-six (26) character date and time stamp indicating when the update was applied to the central site IRF Junction system. This field cannot be left blank.
- 12 Delivery Only Flag --This special TRAIN-II code is used when the INTERCHANGE participants want to report on delivery only to TRAIN-II and any report of a receipt would be rejected by TRAIN-II. *The default value for this information is N (no).* When the DELIVERY ONLY FLAG is set to Y (yes), then both REPORTING CARRIERS must be different; one-road reporting is not allowed.

**Please be advised that setting the DELIVERY ONLY FLAG to Y (yes) carries significant implications and should not be used unless you fully understand these implications.** A full description of those implications is beyond the scope of this document; please contact the TRAIN-II Project Leader at the AAR at (202) 639-2581 with any questions you have regarding the implications of this flag in TRAIN-II.

- 13 Inhibit Junction Advices --This special TRAIN-II code is used when the INTERCHANGE participants want TRAIN-II to NOT send notice of an INTERCHANGE when it is requested by an equipment owner for INTERCHANGES that occur between these two carriers at this JUNCTION location. *The default value for this information is N (no).*

**Please be advised that setting the Inhibit Junction Advices to Y (yes) carries significant implications and should not be used unless you fully understand these implications.** A full description of those implications is beyond the scope of this document; please contact the TRAIN-II Project Leader at the AAR at (202) 639-2581 with any questions you have regarding the implications of this flag in TRAIN-II.

- 14 Filler -- twenty (20) characters

**JUNCTION SETTLEMENT / HANDLING CARRIER FILE  
(7010 Release/Version Effective September 08, 2014)  
343 Byte File Record Layout**

FIELD NUMBER	FIELD DATA DESCRIPTION	FIELD LENGTH	DATA FORM	COLUMN NUMBERS
1	Junction Abbreviation	5	A	1-5
2	Carrier Identifier # 1	4	A	6-9
3	Carrier Identifier # 2	4	A	10-13
4	Carrier # 1 Jct Settlement Role	2	A	14-15
5	Carrier # 2 Jct Settlement Role	2	A	16-17
6	Effective Date	10	D	18-27
7	Expiration Date	10	D	28-37
8	Last Maintenance Timestamp	26	D	38-63
9	Commodity Code Range From	7	A	64-70
10	Commodity Code Range To	7	A	71-77
11	Additional Commodity Ranges	266	A	78-343
1	Handling Carrier Abbreviation	5	A	1-5
2	Carrier Identifier # 1	4	A	6-9
3	Carrier Identifier # 2	4	A	10-13
4	Carrier # 1 HX Settlement Role	2	A	14-15
5	Carrier # 2 HX Settlement Role	2	A	16-17
6	Effective Date	10	D	18-27
7	Expiration Date	10	D	28-37
8	Last Maintenance Timestamp	26	D	38-63
9	Filler	280	A	64-343

1. Junction Abbreviation -- A unique five (5) character alphabetic code assigned to a junction location by the Railinc Business Services Department of the Association of American Railroads. This field is required and cannot be blank.
2. Carrier Identifier # 1 -- A four (4) character Standard Carrier Alpha Code (SCAC) assigned to one company (railroad) by the National Motor Freight Traffic Association (NMFTA) and involved in this Junction Settlement agreement. This carrier is the FROM carrier in a route. This field is required and cannot be blank.
3. Carrier Identifier # 2 -- A four (4) character Standard Carrier Alpha Code (SCAC) assigned to one company (railroad) by the National Motor Freight Traffic Association (NMFTA) and involved in this Junction Settlement agreement. This carrier is the TO carrier in a route. This field is required and cannot be blank.
4. Carrier # 1 Jct Settlement Role -- A two (2) character code to indicate the role being played by Carrier Identifier # 1 in the Junction Settlement arrangement. Acceptable entries are JS for Junction Settlement or LH for Line Haul.
5. Carrier # 2 Jct Settlement Role -- A two (2) character code to indicate the role being played by Carrier Identifier # 2 in the Junction Settlement arrangement. Acceptable entries are JS for Junction Settlement or LH for Line Haul.
6. Effective Date -- A ten (10) character representation of the date that the data in this Junction Settlement record is to expire in the format CCYY-MM-DD. This field is required and cannot be left blank.
7. Expiration Date -- A ten (10) character representation of the date that the data in this Junction Settlement record is in effect in the format CCYY-MM-DD. If blank, assume that the Junction Settlement agreement is currently effective.
8. Last Maintenance Timestamp -- A twenty-six (26) character date and time stamp indicating when the update was applied to the central site IRF Junction system. This field cannot be left blank.
9. Commodity Code Range From -- A seven (7) digit Standard Transportation Commodity Code (STCC) number that indicates the lowest STCC number in the range from this number to the Commodity Code Range To STCC number (next field) for which this Junction Settlement agreement is in effect. If this field is left blank, field 10 must also be left blank. Interpret a blank field as No Commodity Restrictions are in effect for this Junction Settlement agreement.
10. Commodity Code Range To -- A seven (7) digit Standard Transportation Commodity Code (STCC) number that indicates the highest STCC number in the range from the Commodity Code (previous field) STCC number to this STCC number for which this Junction Settlement agreement is in effect. This field must be blank if field 9 is blank, and this field must not be blank if field 9 is not blank.
11. Additional Commodity Ranges -- This field is used to accommodate additional Standard Transportation Commodity Code (STCC) Ranges (see fields 9 & 10 above) for which this Junction Settlement agreement is in effect. This field provides space for nineteen (19) STCC ranges of 14 digits each (266 characters maximum).

Each STCC range consists of 14 digits; a seven (7) digit Commodity Code Range From number followed by a seven (7) digit Commodity Code Range To STCC number. This field can be partially or completely left blank depending upon the Junction Settlement agreement between the two carriers.

No entries should be made in this field until fields 9 & 10 (above) are used. Entries in this field must be in sets of 14 digits.

1. Handling Carrier Abbreviation -- A unique five (5) character alphabetic code assigned to a junction location by the Railinc Business Services Department of the Association of American Railroads. This field is required and cannot be blank.
2. Carrier Identifier # 1 -- A four (4) character Standard Carrier Alpha Code (SCAC) assigned to one company (railroad) by the National Motor Freight Traffic Association (NMFTA) and involved in this Handling Carrier agreement. This carrier is the FROM carrier in a route. This field is required and cannot be blank.
3. Carrier Identified #2 -- A four (4) character Standard Carrier Alpha Code (SCAC) assigned to the company (railroad) by the National Motor Freight Traffic Association (NMFTA) and involved in this Handling Carrier agreement. This carrier is the TO carrier in the route. This field is required and cannot be blank.
4. Carrier # 1 HX Handling Role -- A two (2) character code to indicate the role being played by Carrier Identifier # 1 in the Handling Carrier arrangement. Acceptable entries are HX for Handling Carrier or LH for Line Haul.
5. Carrier # 2 HX Handling Role -- A two (2) character code to indicate the role being played by Carrier Identifier # 2 in the Handling Carrier arrangement. Acceptable entries are HX for Handling Carrier or LH for Line Haul.
6. Effective Date -- A ten (10) character representation of the date that the data in this Handling Carrier record is to expire in the format CCYY-MM-DD. This field is required and cannot be left blank.
7. Expiration Date -- A ten (10) character representation of the date that the data in this Handling Carrier record is in effect in the format CCYY-MM-DD. If blank, assume that the Handling Carrier agreement is currently effective.
8. Last Maintenance Timestamp -- A twenty-six (26) character date and time stamp indicating when the update was applied to the central site IRF Junction system. This field cannot be left blank.
9. Filler -- 380 positions.