

ROUTE FILE
(8050 Release/Version Effective October 15, 2025) 220
Byte File Record Layout

FIELD NUMBER	FIELD DATA DESCRIPTION	FIELD LENGTH	DATA FORM	COLUMN NUMBERS
1	Origin Carrier	4	A	1-4
2	Destination Carrier	4	A	5-8
3	Sequence Number	5	N	9-13
4	Filler	4	A	14-17
5	Effective Date	8	N	18-25
6	Expiration Date	8	N	26-33
7	Type	1	A	34
8	Filler	10	A	35-44
9	Route Segment #1	13	A	45-57
10	Route Segments #2 - #12	9	A	58-156
11	Route Source SCAC	4	A	157-160
12	Function	1	A	161
13	Filler	14	A	162-175
14	New Route Code	13	A	176-188
15	Filler	24	A	189-212
16	Maintenance Date	8	N	213-220

Route Code -- (fields 1, 2 & 3) The Route Code is a unique code assigned to the carrier/junction sequence for the route. The route code consists of the origin carrier SCAC, the destination carrier SCAC, and a system assigned route (sequence) number.

1. Origin Carrier -- the Standard Carrier Alpha Code (SCAC) of the first carrier described in the route. This SCAC will be the same as the first Carrier found in the Route Definition (positions 45 - 48 of this tape layout).
2. Destination Carrier -- the Standard Carrier Alpha Code (SCAC) of the last carrier described in the route. This SCAC will be the same as the last Carrier found in the Route Definition.
3. Sequence Number -- a system-generated number to uniquely identify this route among others between the same origin and destination carriers. This field will always contain 5 digits, and the leading zeros are to be considered significant.
4. Filler -- no data is found in this location.
5. Effective Date -- The Route Effective Date is the date in century, year, month and day format (CCYYMMDD) when the route will be available for use. The Route Effective Date will be any valid date greater than or equal to "19910101".

The Route Effective Date consists of:

Century	(Numeric 2 characters)
Year	(Numeric 2 characters)
Month	(Numeric 2 characters)
Day	(Numeric 2 characters)

6. Expiration Date -- The Route Expiration Date is the date in century, year, month and day format (CCYYMMDD) after which the route will no longer be available for use. An expiration date of "99991231" indicates that the route is in effect without a specific expiration date. (In the Central Site Route file, this open-ended expiration date is stored as "99999999".)

The Route Expiration Date consists of:

Century	(Numeric 2 characters)
Year	(Numeric 2 characters)
Month	(Numeric 2 characters)
Day	(Numeric 2 characters)

NOTE: When a Route Expiration Date precedes the Route Effective Date by one day, this Route record is to be interpreted as never having been effective. The Route Expiration Date can never precede the Route Effective Date by more than one day.

7. Route Type -- The Route Type is used to describe the route in terms of application usage. The route can be a price-making route (Revenue), a transportation route (Operating) or both. The valid values for this field are:

P	Pricing Route
O	Transportation Route (Operating)
B	Route acting as both Pricing Route and Transportation Route
8. Filler -- no data is found in this location.

Route Definition -- (fields 9 & 10) The Route Definition is the unique carrier/junction grouping made of up to 13 Carrier SCACs (Standard Carrier Alpha Codes), and up to 12 Junction Abbreviations.

9. Route Segment # 1 -- the minimum Route Definition that consists of Carrier SCAC #1, Junction Abbreviation #1 and Carrier SCAC #2. This field is required in every route record. The 13-positions defined for this field are filled in the following manner:

SCAC #1	45 - 48
Junction Abbreviation #1	49 - 53
SCAC #2	54 - 57

SCAC #1 in this field must be the same as the Origin Carrier found in positions 1 through 4 of this tape layout.

10. Route Segments #2 - #12 -- the second through the twelfth groupings of the Junction Abbreviation and Carrier SCAC in this Route Definition.

This field is not required. When a Junction Abbreviation is indicated, a Carrier SCAC must follow it. There may be up to eleven 9-character Junction/SCAC groupings indicated in this field as follows:

Route Segment #2	58 - 62 (Junction Abbreviation)	63 - 66 (SCAC)
Route Segment #3	67 - 71 (Junction Abbreviation)	72 - 75 (SCAC)
Route Segment #4	76 - 80 (Junction Abbreviation)	81 - 84 (SCAC)
Route Segment #5	85 - 89 (Junction Abbreviation)	90 - 93 (SCAC)
Route Segment #6	94 - 98 (Junction Abbreviation)	99 - 102 (SCAC)
Route Segment #7	103 - 107 (Junction Abbreviation)	108 - 111 (SCAC)
Route Segment #8	112 - 116 (Junction Abbreviation)	117 - 120 (SCAC)
Route Segment #9	121 - 125 (Junction Abbreviation)	126 - 129 (SCAC)
Route Segment #10	130 - 134 (Junction Abbreviation)	135 - 138 (SCAC)
Route Segment #11	139 - 143 (Junction Abbreviation)	144 - 147 (SCAC)
Route Segment #12	148 - 152 (Junction Abbreviation)	153 - 156 (SCAC)

The Standard Carrier Alpha Code (SCAC) of the last carrier participating in this route must be the same as the Destination Carrier found in positions 5 through 8 of this tape layout.

11. Route Source SCAC -- The Standard Carrier Alpha Code (SCAC) of the carrier initiating the Route record.

12. Function -- The Route Function is used to describe the route as either LOCAL or INTERLINE. A Local Route is a route where all participants in the route have the same railroad owner. An Interline Route is a route where there is more than one railroad owner for the participants in the route.

The valid values for this field are:

L	Local Route
I	Interline Route

13. Filler -- no data is found in this location

14. New Route Code -- When appropriate, this field will contain the new Route Code (Origin Carrier, Destination Carrier & Sequence Number) for the route that was replaced by this route. This type of replacement may be the result of merger or buyout activities. This field is not required.
15. Filler -- no data is found in this location.
16. Maintenance Date -- the date in century, year, month and day format (CCYYMMDD) when this route record was last updated at the central site.

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