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SERVICE DATE – DECEMBER 18, 2009

SURFACE TRANSPORTATION BOARD

DECISION

STB Ex Parte No. 290 (Sub-No. 5) (2010-1)

QUARTERLY RAIL COST ADJUSTMENT FACTOR

Decided: December 16, 2009

In Railroad Cost Recovery Procedures, 1 I.C.C.2d 207 (1984), the Interstate Commerce Commission (ICC) outlined the procedures for calculating the all-inclusive index of railroad input prices and the method for computing the rail cost adjustment factor (RCAF). Under the procedures, the Association of American Railroads (AAR) is required to calculate the index on a quarterly basis and submit it on the fifth day of the last month of each calendar quarter. In Railroad Cost Recovery Procedures, 5 I.C.C.2d 434 (1989), aff'd sub nom. Edison Electric Institute, et al. v. ICC, 969 F.2d 1221 (D.C. Cir. 1992), the ICC adopted procedures that require the adjustment of the quarterly index for a measure of productivity.

The provisions of 49 U.S.C. 10708 direct the Surface Transportation Board (Board) to continue to publish both an unadjusted RCAF and a productivity-adjusted RCAF. In Productivity Adjustment-Implementation, 1 S.T.B. 739 (Productivity Adjustment), the Board decided to publish a second productivity-adjusted RCAF called the RCAF-5. Consequently, three indices are now filed with the Board: the RCAF (Unadjusted), the RCAF (Adjusted), and the RCAF-5. The RCAF (Adjusted), which reflects national average productivity changes as originally developed and applied by the ICC, is currently based on a 5-year moving average. The RCAF-5 reflects national average productivity changes as if a 5-year moving average had been applied consistently from the productivity adjustment's inception in 1989.

The index of railroad input prices, RCAF (Unadjusted), RCAF (Adjusted), and RCAF-5 for the first quarter 2010 are shown in Table A of the Appendix to this decision. Table B shows the third quarter 2009 index and the RCAF calculated on both an actual and a forecasted basis. The difference between the actual calculation and the forecasted calculation is the forecast error adjustment.

Both the RCAF (Adjusted) and the RCAF-5 are currently calculated using a 5-year moving geometric average of productivity change for U.S. Class I railroads. An average productivity change rate of 1.015 (1.5% per year) for the period 2003-2007 is currently used for both the RCAF (Adjusted) and the RCAF-5.

We have examined AAR's calculations for compliance with our procedures and find that the first quarter 2010 RCAF (Unadjusted) is 1.038, an increase of 4.2% from the fourth quarter 2009 RCAF of 0.996. The RCAF (Adjusted) is 0.467, an increase of 3.8% from the fourth

quarter 2009 RCAF (Adjusted) of 0.450. The RCAF-5 is 0.443, an increase of 3.7% from the fourth quarter 2009 RCAF-5 of 0.427.

This decision will not significantly affect the quality of the human environment or the conservation of energy resources.

Pursuant to 5 U.S.C. 605(b), we conclude that our action will not have a significant economic impact on a substantial number of small entities within the meaning of the Regulatory Flexibility Act.

AUTHORITY: 49 U.S.C. 10708.

It is ordered:

1. The Board has approved the first quarter 2010 Rail Cost Adjustment Factor (Unadjusted) of 1.038, RCAF (Adjusted) of 0.467, and RCAF-5 of 0.443.
2. Notice of this decision will be published in the Federal Register.
3. The effective date of this decision is January 1, 2010.

By the Board, Chairman Elliott, Vice Chairman Nottingham, and Commissioner Mulvey.

APPENDIX

TABLE A
Ex Parte No. 290 (Sub-No. 5) (2010-1)
All Inclusive Index of Railroad Input Costs
(Refer to Endnotes Page 5)

LINE NO.	INDEX COMPONENT	2008 WEIGHTS	FOURTH QUARTER 2009 FORECAST	FIRST QUARTER 2010 FORECAST
1	LABOR	30.2%	344.8	356.9
2	FUEL	25.2%	234.4	262.6
3	MATERIALS AND SUPPLIES	5.1%	238.8	242.7
4	EQUIPMENT RENTS	6.3%	197.9	198.7
5	DEPRECIATION	10.4%	198.9	203.3
6	INTEREST	2.3%	83.9	83.9
7	OTHER ITEMS ¹	20.5%	198.7	199.8
8	WEIGHTED AVERAGE	100.0%	251.2	262.9
9	LINKED INDEX ²		245.5	256.9
10	PRELIMINARY RAIL COST ADJUSTMENT FACTOR ³		99.8	104.5
11	FORECAST ERROR ADJUSTMENT ⁴		-0.002	-0.007
12	RCAF (UNADJUSTED) (LINE 10 +LINE 11)		0.996	1.038
13	RCAF (ADJUSTED) ⁵		0.450	0.467
14	RCAF-5 ⁶		0.427	0.443

APPENDIX**TABLE B**

Ex Parte No. 290 (Sub-No. 5) (2010-1)
Comparison of Third Quarter 2009 Index
Calculated on Both a Forecasted and an Actual Basis

Line No.	INDEX COMPONENT	2007 WEIGHT	THIRD QUARTER 2009 FORECAST	THIRD QUARTER 2009 ACTUAL
1	LABOR	32.8%	347.2	347.2
2	FUEL	20.3%	231.2	218.3
3	MATERIALS AND SUPPLIES	5.0%	255.9	255.9
4	EQUIPMENT RENTS	7.2%	192.4	196.2
5	DEPRECIATION	11.0%	206.0	200.2
6	INTEREST	2.7%	88.0	88.0
7	OTHER ITEMS	21.0%	191.5	198.0
8	WEIGHTED AVERAGE	100.0%	252.7	251.1
9	LINKED INDEX		245.3	243.8
10	RAIL COST ADJUSTMENT FACTOR		99.8	99.1

Endnotes:

¹ “Other Items” is a combination of Purchased Services, Casualties and Insurance, General and Administrative, Other Taxes, Loss and Damage, and Special Charges, price changes for all of which are measured by the Producer Price Index for Industrial Commodities Less Fuel and Related Products and Power.

² Linking is necessitated by a change to the 2008 weights beginning in the fourth quarter 2009. The following formula was used for the current quarter’s index:

$$\frac{1^{\text{ST}} \text{ Qr. 2010 Index (2008 Weights)}}{4^{\text{TH}} \text{ Qr. 2009 Index (2008 Weights)}} \text{ Times } 4^{\text{th}} \text{ Quarter Linked Index (1980 = 100 Linked)} \text{ Equals Linked Index (Current Quarter)}$$

Or

$$\frac{262.9}{251.2} \times 245.5 = 256.9$$

³ The first quarter 2008 RCAF was rebased using the October 1, 2007, level of 245.9 in accordance with the requirements of the Staggers Rail Act of 1980 (10/1/2007 = 100).

⁴ The first quarter 2010 forecast error adjustment was calculated as follows: a. third quarter 2009 RCAF using forecasted data equals 99.8; b. third quarter 2009 RCAF using actual data equals 99.1; c. The difference equals the forecast error (b-a) of -0.7. Since the actual second quarter value is less than the forecast value, the difference is subtracted from the Preliminary RCAF.

⁵ The first quarter 2010 RCAF Adjusted (0.467) is calculated by dividing the first quarter RCAF Unadjusted (1.038) by the first quarter productivity adjustment factor of 2.2204. The first quarter 2010 productivity adjustment factor is calculated by multiplying the fourth quarter 2009 productivity adjustment of 2.2122 by the fourth root (1.0037) of the 2003-2007 annual average productivity growth rate of 1.5%.

⁶ The first quarter 2009 RCAF-5 (0.443) is calculated by dividing the first quarter 2010 RCAF Unadjusted (1.038) by the first quarter productivity adjustment factor-5 (PAF-5) of 2.3415. The first quarter 2010 productivity adjustment factor is calculated by multiplying the fourth quarter 2009 PAF-5 of 2.3329 by the fourth root (1.0037) of the 2003-2007 annual average productivity growth rate of 1.5%.