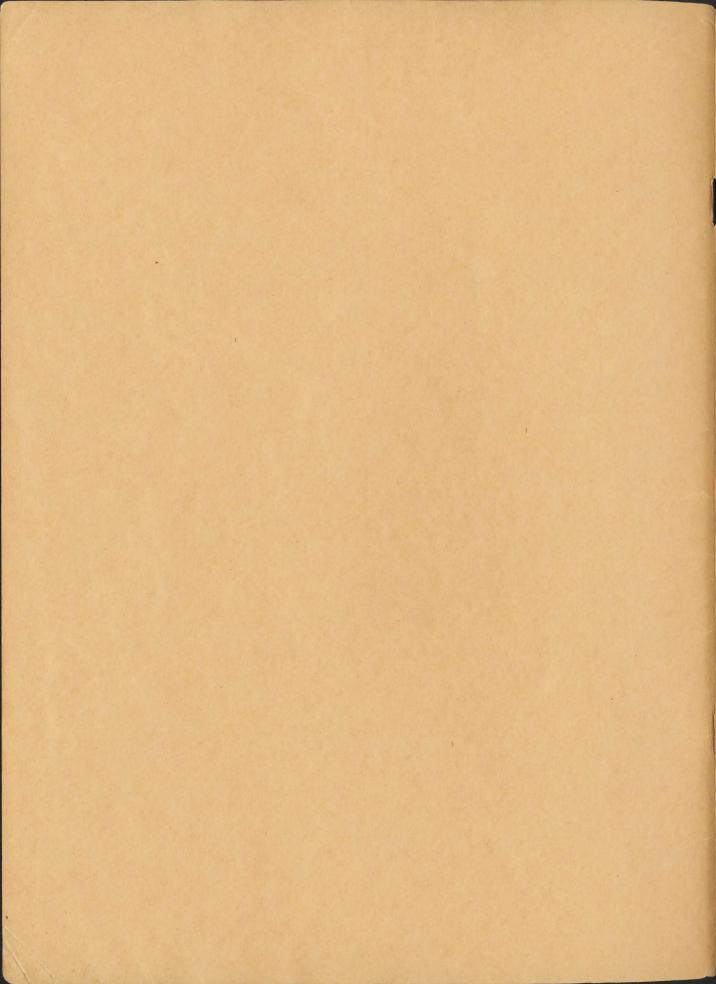
REPORT ON STREAMLINE, LIGHT-WEIGHT, HIGH-SPEED PASSENGER TRAINS

June 30, 1941

(SUPPLEMENTING REPORT OF JUNE 30, 1939)

COVERDALE & COLPITTS

CONSULTING ENGINEERS
120 WALL STREET, NEW YORK



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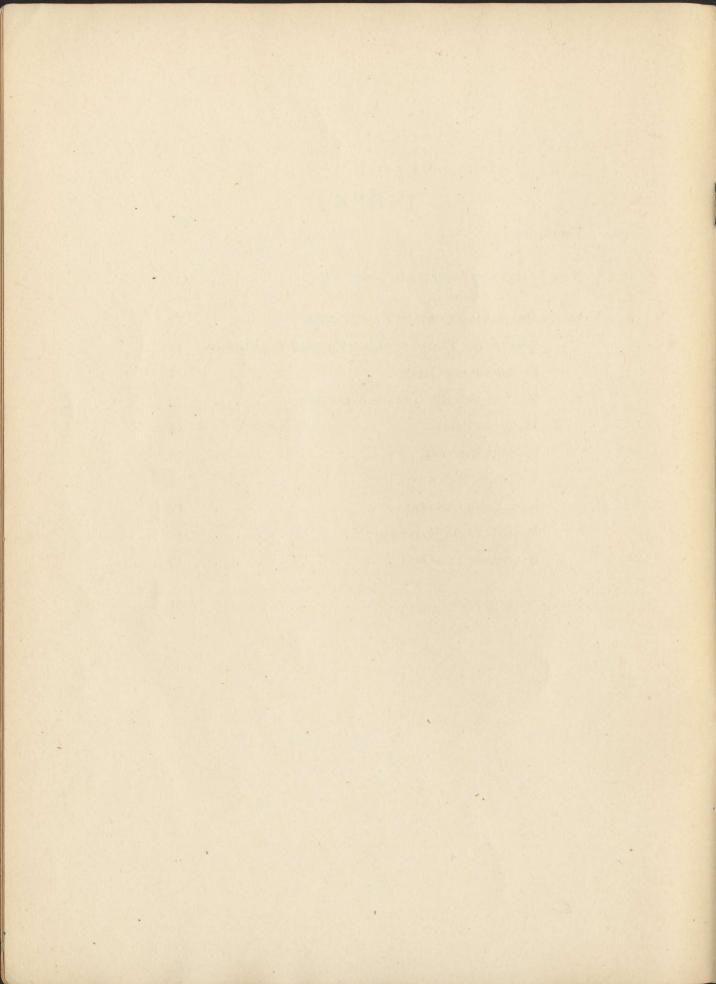
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REPORT ON STREAMLINE, LIGHT-WEIGHT, HIGH-SPEED PASSENGER TRAINS

FOREWORD

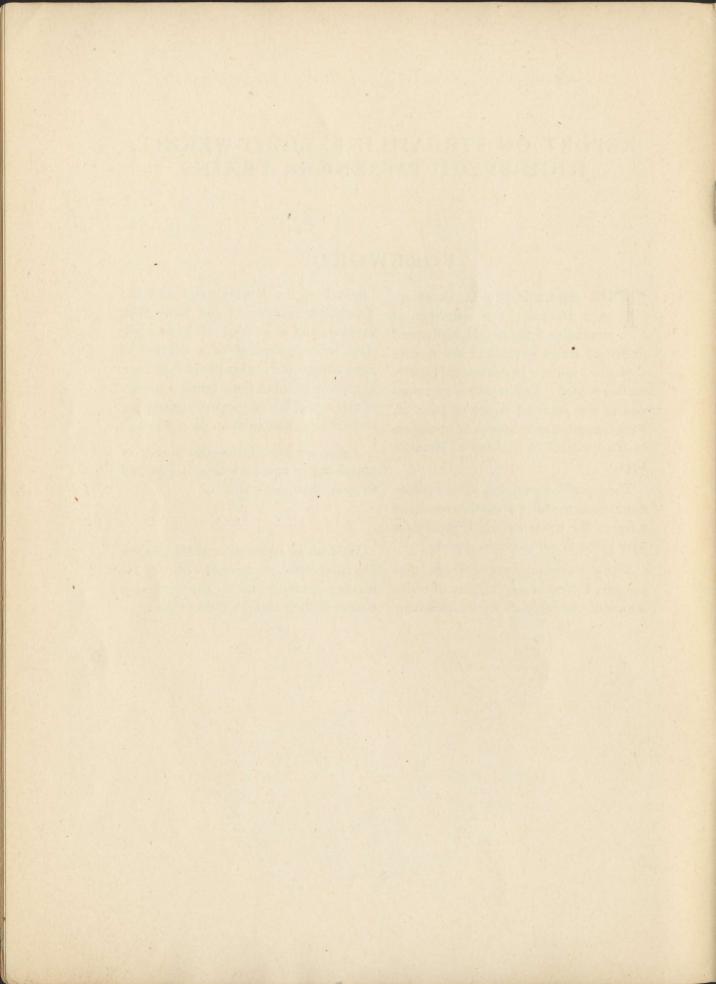
THE extraordinarily favorable results attending the operation of streamline, light-weight, high-speed passenger trains have been the feature of greatest interest in our several reports on this subject. This report is an extension of our previous report of June 30, 1939, bringing such figures of operation as are available to us down to June 30, 1941.

The report is incomplete in that it does not include the later operating results of a few of the trains for which these data were given in our previous report.

Many exceptionally fine trains that properly belong in the category of trains we are discussing, such as the Broadway Limited of the Pennsylvania and the Twentieth Century of the New York Central, and a number of other high-class trains consisting of a mixture of light-weight and conventional type cars, are not included in the statistical section of this report because separate operating statistics relating to them do not exist.

Again we have taken the liberty of pluralizing a name when it is attached to more than one train.

We wish to express our thanks to the executives of the respective railroads for making available to us the operating results of their trains for this report.



NEW TRAINS AND ADDITIONAL CARS

NEW STREAMLINE TRAINS and individual cars have been placed in service by the railroads named below since the date of our previous report, as follows:

Note: The data concerning the new trains of a few railroads have not been supplied us and the list below is therefore incomplete.

CHICAGO, BURLINGTON & QUINCY

TEXAS ZEPHYRS:

August, 1940, operation begun between Denver and Fort Worth-Dallas. Two trains, 8 cars each. 5 Budd built cars and 3 Pullman sleeping cars.

ZEPHYR-ROCKETS:

January, 1941, operation begun between St. Louis and St. Paul-Minneapolis in connection with Chicago, Rock Island and Pacific via Burlington, Ia. One train, 7 cars. Budd and Pullman built cars and Pullman sleeping cars. (See also Chicago, Rock Island and Pacific.)

ATCHISON, TOPEKA AND SANTA FE

SAN DIEGANS:

January, 1941, increased from 7 to 8 cars. Budd built.
June, 1941, increased from 8 to 10 cars. Budd built.
June, 1941, second train of 10 cars added. Budd built except one car.

EL CAPITANS:

May, 1941, increased from 5 to 9 cars. Budd built.

CHICAGOAN AND KANSAS CITYAN:

December, 1939, run extended from Wichita to Oklahoma City. January, 1940, southbound train increased from 7 to 8 cars. Budd built except one car.

TULSAN:

December, 1939, operation begun between Kansas City and Tulsa. One train, 5 cars. Budd built.

CHICAGO, ROCK ISLAND AND PACIFIC

ROCKY MOUNTAIN ROCKETS:

November, 1939, operation begun between Chicago and Denver-Colorado Springs. Two trains. Budd built except Pullman sleeping cars. June, 1940, connecting service inaugurated from and to Kansas City via Belleville, Kan.

CHOCTAW ROCKETS:

November, 1940, operation begun between Memphis and Amarillo. Two trains, 4 cars each. Pullman built.

ARIZONA LIMITEDS:

December, 1940, seasonal operation begun between Chicago and Phoenix, Ariz., via Tucumcari, N. M., and Southern Pacific. Two all-sleeper 7-car trains. Pullman built except 2 dormitory cars built by American Car and Foundry Co.

ZEPHYR-ROCKETS:

January, 1941, operation begun between St. Louis and St. Paul-Minneapolis in connection with Chicago, Burlington & Quincy via Burlington, Ia. One train, 7 cars. Budd and Pullman built cars and Pullman sleeping cars. (See also Chicago, Burlington & Quincy.)

MISSOURI PACIFIC

MISSOURI RIVER EAGLES:

March, 1940, operation begun between St. Louis, Kansas City and Omaha. Two trains, 6 cars each. Built by American Car and Foundry Co.

ATLANTIC COAST LINE AND FLORIDA EAST COAST

CHAMPIONS:

December, 1939, daily operation begun between New York and Miami. Three trains, 7 cars each. Between November, 1940, and May, 1941, each train increased to maximum of 14 cars. Budd built.

May, 1941, regular daily summer season trains, rechristened "Tamiami Champion (East Coast)," were reduced to 7 Budd built cars and 3 Pullman sleeping cars. Simultaneously there was inaugurated by the Atlantic Coast Line a new daily service between New York and Tampa-St. Petersburg, named "Tamiami Champion (West Coast)," with 7 Budd built cars and 2 Pullman sleeping cars.

FLORIDA EAST COAST

HENRY M. FLAGLER:

December, 1939, operation begun between Jacksonville and Miami. One train, 7 cars. Budd built.

December, 1940, renamed the Dixie Flagler, and placed in service between Chicago and Miami.

CHICAGO AND EASTERN ILLINOIS

AND

LOUISVILLE AND NASHVILLE

NASHVILLE, CHATTANOOGA & ST. LOUIS

ATLANTA, BIRMINGHAM AND COAST

ATLANTIC COAST LINE

FLORIDA EAST COAST

DIXIE FLAGLER:

December 17, 1940, operation begun between Chicago and Miami. One all-coach 7-car train. Budd built.

ILLINOIS CENTRAL AND CENTRAL OF GEORGIA, ATLANTIC COAST LINE FLORIDA EAST COAST

CITY OF MIAMI:

December 18, 1940, operation begun between Chicago and Miami. One all-coach 7-car train. Pullman built.

PENNSYLVANIA RAILROAD AND LOUISVILLE AND NASHVILLE, ATLANTIC COAST LINE FLORIDA EAST COAST

SOUTH WIND:

December 19, 1940, operation begun between Chicago and Miami. One all-coach 7-car train. Budd built.

SEABOARD AIR LINE

SILVER METEORS:

December, 1939, increased from one train every 3 days to 3 trains providing daily service between New York and Miami-St. Petersburg.

December, 1940, regular daily train consist increased from 7 to 14 cars. Budd built.

April, 1941, regular daily summer season train reduced to 13 cars, including 3 Pullman sleeping cars.

SOUTHERN RAILWAY

Southerners:

March, 1941, operation begun between New York and New Orleans. Three all-coach 8-car trains. Pullman built.

TENNESSEANS:

May, 1941, operation begun between Washington and Memphis. Three 9-car coach and sleeper trains. Pullman built.

GULF, MOBILE AND OHIO

GULF COAST REBELS:

October, 1940, operation begun between St. Louis and Mobile. Two 6-car trains. Two sleeping cars, Pullman built. Other cars rebuilt in Company's shops.

NOTES RESPECTING CERTAIN NEW SERVICES

STREAMLINE TRAINS BETWEEN CHICAGO AND FLORIDA

THE success attending the operation of streamline, light-weight, highspeed all-coach trains between New York and Florida, and the belief that many people from other sections traveling to the Florida resorts would patronize similar trains if available, resulted in the inauguration of streamline train services over three separate routes between Chicago and Miami. Portions of nine railways in all have been utilized in providing the routes, a train operating over each every third day, thereby furnishing a coordinated daily service. The three routes traverse different sections of the Middle West and South and thus serve large areas without duplication.

When these trains were placed in service in December, 1940, it was the intention to operate them only during the winter season, but the results have justified their continuance throughout the year.

Each of these trains comprises 7 cars. Between Chicago and Jacksonville the Dixie Flagler and the South Wind are hauled by steam locomotives, and the City of Miami by a Diesel-electric locomotive, streamlined to conform to the exterior design of the trains. Between Jacksonville and Miami, on the Florida

East Coast, power is provided by Dieselelectric locomotives.

The first train to depart from Chicago, on December 17, 1940, was the Buddbuilt DIXIE FLAGLER, formerly the Henry M. Flagler, of the Florida East Coast, running via the Chicago and Eastern Illinois to Evansville; the Louisville and Nashville to Nashville; the Nashville, Chattanooga & St. Louis to Atlanta; the Atlanta, Birmingham and Coast to Waycross; the Atlantic Coast Line to Jacksonville; and the Florida East Coast to Miami.

The second train departing from Chicago December 18, 1940, was the Pullman-built CITY OF MIAMI of the Illinois Central, operating over the Illinois Central to Birmingham; the Central of Georgia to Albany; the Atlantic Coast Line to Jacksonville; and the Florida East Coast to Miami.

The third train, which left Chicago on its initial trip on December 19, 1940, was the Budd-built South Wind of the Pennsylvania Railroad, and operated over the Pennsylvania to Louisville; the Louisville and Nashville to Montgomery; the Atlantic Coast Line to Jacksonville; and the Florida East Coast to Miami.

CHAMPIONS—HENRY M. FLAGLER DIXIE FLAGLER—CITY OF MIAMI—SOUTH WIND

FLORIDA EAST COAST

In 1939 the Florida East Coast purchased two Budd-built streamline, light-weight all-coach trains of 7 cars each.

One of these trains, the Henry M. Flagler, was placed in service on the Florida East Coast between Jacksonville and Miami on December 3, 1939. The other train and two similar Budd-built trains purchased by the Atlantic Coast Line, christened the Champions, inaugurated on December 1, 1939, a daily service between New York and Miami over the Pennsylvania, the Richmond, Fredericksburg and Potomac, the Atlantic Coast Line and the Florida East Coast.

The Henry M. Flagler was operated between Jacksonville and Miami until December, 1940, when the run was discontinued and the train, renamed the DIXIE FLAGLER, was placed in every third-day service between Chicago and Miami, commencing on December 17,

1940, using the Chicago and Eastern Illinois as the initial line.

As previously stated, the Dixie Flagler, the City of Miami and the South Wind provide a daily coordinated service between Chicago and Miami, the line of the Florida East Coast furnishing the route for each train south of Jacksonville.

The Henry M. Flagler had proved a success on the run between Jacksonville and Miami, but it was necessary to install it as one of three trains in the Chicago-Miami pool in order to make that operation possible. The daily service between Chicago and Miami in effect continues the service that had formerly been provided by the Henry M. Flagler.

The revenues and expenses of the Florida East Coast covering the operations of these three Chicago-Miami trains, as well as of the Henry M. Flagler and the Champions, will be found in the statistical section, page 36.

PROSPECTORS

DENVER AND RIO GRANDE WESTERN

Two self-propelled light-weight Buddbuilt trains, the Prospectors, will be placed in service in November, 1941, on the Denver and Rio Grande Western between Denver and Salt Lake City, 570 miles via the Moffat Tunnel Route. They will be scheduled to make an overnight run in 13 hours, or at an average speed of about 44 miles per hour. The ruling grades of the line are about 2.0% in both directions.

The Prospectors will possess distinctive design features in that the two cars of each train will afford a complete range of accommodations for 62 passengers, consisting of coach seats, open-section sleeping accommodations, single bedrooms, dining and lounge facilities. The two cars will have an over-all length of 153 feet and will weigh about 130,000 pounds each.

EAGLES

MISSOURI PACIFIC

The first streamline, light-weight trains operated by the Missouri Pacific, the Missouri River Eagles, were placed in service between St. Louis, Kansas City and Omaha on March 10, 1940. The two trains have 6 cars each, consisting of a mail-baggage car, a storage-mail car, two coaches, a diner-bar car and a parlor-observation car, hauled by a 2,000 H.P. Diesel-electric locomotive. The cars are of aluminum alloy construction, built by the American Car and Foundry Co.

The revenues and expenses of the Missouri River Eagles since the commencement of operations are shown in the statistical section, page 30.

The second streamline, light-weight train service inaugurated by the Missouri Pacific, the Delta Eagle, was placed in operation between Memphis and Tallulah, La., on May 11, 1941. The train consists of a 1,000 H.P. Dieselelectric locomotive and two coaches. One of the coaches is equipped with a compact kitchen and grill counter. A

baggage room is situated at the rear of the locomotive, and mail is carried in a special compartment at the forward end of the first coach. The cars are of low alloy, high tensile steel, built by The St. Louis Car Co.

Due to the short period of operation, the revenues and expenses of this train are not available.

In 1942 two 8-car Diesel-electric streamline, light-weight trains, the Col-ORADO EAGLES, will be placed in service between St. Louis and Denver via Pueblo and the Denver and Rio Grande Western. Each train will be composed of a baggage-storage mail car, a baggage-mail car, a dormitory-coach-grill car, a coach and a diner-lounge car built by Budd, and 2 light-weight Pullman-built sleeping cars. Between Geneseo, Kansas, and Denver the trains will handle a third Pullman sleeping car which will operate from and to Little Rock via Geneseo. Each train will be hauled by two 2,000 H.P. Dieselelectric locomotives built by the Electro-Motive Corporation.

LAND O' CORN ILLINOIS CENTRAL

The Land O' Corn will be placed in service in October, 1941, between Waterloo, Ia., and Chicago, to make a daily round trip of 550 miles at an average speed of about 50 miles per hour. The train will consist of two streamline, lightweight cars built by the American Car

and Foundry Co., powered by three 225 H.P. Waukesha Hesselman oilburning engines. The forward car will have seats for 72 passengers, and the rear buffet-coach car will accommodate 55 passengers, including 16 seats in the dining section.

SOUTHERNERS TENNESSEANS

SOUTHERN RAILWAY

In March, 1941, the Southern Railway placed three streamline, light-weight allcoach Pullman-built trains in service between New York and New Orleans, the Southerners, operating over the Pennsylvania between New York and Washington, and between the latter point and New Orleans over Southern Railway system lines via Atlanta and Birmingham. There are eight cars in each train between New York and Atlanta (seven cars between Atlanta and New Orleans), containing 296 salable seats and 104 non-salable seats, excluding the dormitory car and the lounge rooms in the coaches. South of Washington the trains are powered by 2,000 H.P. Diesel-electric locomotives.

In May, 1941, the Southern Railway placed three Pullman-built streamline trains in service between Washington and Memphis, the Tennesseans, operating over the Norfolk and Western between Lynchburg, Va., and Bristol, Va.-Tenn. Between Washington and Bristol

each train consists of 9 cars, including two head-end cars and one sleeping car; and between Bristol and Chattanooga 10 cars, including an additional sleeping car. Between Chattanooga and Memphis the trains are reduced to 9 cars by eliminating the diner on the night run. There are 184 salable seats and 104 nonsalable seats, excluding the Pullman sleeping cars and dormitory cars. Excepting the sleepers, which are of conventional construction, the cars are lightweight. The exteriors of the sleeping cars have been decorated to conform to the other cars in the train. The TEN-NESSEANS are hauled by steam locomotives between Washington and Bristol, and by two 2,000 H.P. Diesel-electric locomotives between Bristol and Memphis.

The revenues and expenses of the Southerners and the Tennesseans from the beginning of operations to June 30, 1941, are shown in the statistical section, page 38.

MERCURYS JAMES WHITCOMB RILEY EMPIRE STATE EXPRESS

NEW YORK CENTRAL

MERCURYS

A new train of 9 cars, a second Mercury, was placed in service between Cleveland and Detroit on October 11, 1939. The original Mercury was shopped and upon its return to service the run of the two train units was extended from Detroit to Chicago, effective November 12, 1939. Each train has a seating capacity of 460, including 151 seats in the diner and lounge.

The revenues of the Mercurys for the last two years are shown below. The operating costs are not available.

Year Ended	Revenue	Revenue per Train-	Number of Passengers				
June 30	\$	Mila	Westbound	Eastbound			
1940* 1941*	858,306 1,241,301		119,955	153,980 212,679			

^{*} Includes the Cleveland-Detroit and Detroit-Chicago runs.

JAMES WHITCOMB RILEY

On April 28, 1941, a 7-car train, the James Whitcomb Riley, was placed in service between Cincinnati and Chicago, making a round trip daily, except Sunday, on a present schedule each way of 5 hours and 15 minutes, an average speed of 57.6 miles per hour.

The train consists of four streamline, light-weight coaches built by Budd, and

a mail-baggage car, a diner and a loungeobservation car rebuilt in the Company's shops.

EMPIRE STATE EXPRESS

Two new streamline Budd-built trains of 16 cars each, for the famous Empire State Express will be placed in service in December, 1941, between New York and Buffalo-Cleveland-Detroit.

The consist, seating capacity, weight and length of each train will be as follows:

Type of Equipment	Seating Capac- ity	Weight (Tons)	Length (Feet)
Steam Locomotive 1 Mail-Express 1 Baggage-Tavern-Lounge 3 Parlor Cars 8 Coaches 2 Diners 1 Tavern-Observation	49 105 448 88 53	341 55 57 168 456 122 56	97 85 85 255 680 170 85
Total	743	1,255	1,457

Subsequent to the issuance of our previous report, the New York Central has added to its modern, high-speed trains between New York and Chicago, the PACEMAKERS, all-coach trains, and the ADVANCE COMMODORE VANDERBILTS, all-sleeping-car Pullman-built trains.

The revenues and expenses are not given because the New York Central does not segregate the operating results of individual trains.

SOUTH WIND

PENNSYLVANIA RAILROAD

The SOUTH WIND, one of three all-coach trains operating every third day over three routes between Chicago and Miami, as before mentioned, consists of 7 Budd-built cars. The seating capacity, weight and length of the train are given below.

The revenues and expenses of the three Chicago-Miami trains between Jacksonville and Miami are shown in the statistical section, page 36, devoted to Florida East Coast trains.

Since the issuance of our previous streamline train report the Pennsylvania

has also added to its fleet three streamline all-coach trains as follows:

July, 1939, the Trail Blazers, 17-hour schedule between New York and Chicago.

April, 1941, the Jeffersonians, 20-hour schedule between New York and St. Louis.

June, 1940, the EAST WINDS, operating between Washington and Portland, Me., during the summer.

The revenues and expenses of these trains are not shown because statistics for individual trains are not maintained.

7-Car Train	Numbe	er of Seats	Weight	Length (Feet)	
/-Cai ITaili	Revenue	Non-Revenue	(Tons)		
1 Baggage-Dormitory-Coach	18		61	85	
4 Coaches	, 240		228	340	
I Diner		48	65	85	
Buffet-Lounge-Observation		51	58	85	
Total	258	99*	412	595	

^{*} Exclusive of 28 non-revenue seats in lounge compartments of coaches.

ROYAL BLUES CAPITOL LIMITEDS NATIONAL LIMITEDS

BALTIMORE AND OHIO

The principal trains in the fleet of streamline trains of the Baltimore and Ohio are the ROYAL BLUES, the CAPITOL LIMITEDS, and the NATIONAL LIMITEDS.

The Royal Blues, Diesel-electric powered, operating on a fast daily schedule between Jersey City and Washington, are all-coach trains, with the addition of one parlor car in each train.

The Capitol Limiteds, operating between New York and Chicago, and the National Limiteds, between New York and St. Louis, are composed of sleeping cars, de luxe coaches, including buffetcoach-lounge cars. West of Washington these trains are hauled by Diesel-electric locomotives.

The revenues and expenses of these trains are not segregated in the Company's accounts.

The operating statistics of the Baltimore and Ohio-Alton streamline trains running between Chicago and St. Louis, the Abraham Lincoln and the Ann Rutledge, are shown in the statistical section of this report, page 34.

STATISTICAL SECTION

In this section there are given statements showing the revenues and expenses of the trains of the following railways for the years ended June 30, 1940, and June 30, 1941:

							PAGE
CHICAGO, BURLINGTON & QUINCY							22
CHICAGO, MILWAUKEE, ST. PAUL	ANI	PAG	CIFIC	c .			24
Atchison, Topeka and Santa Fi	Ε.						26
CHICAGO, ROCK ISLAND AND PACE	FIC						28
Missouri Pacific							30
ILLINOIS CENTRAL							31
CENTRAL OF GEORGIA							32
Gulf, Mobile and Ohio							33
BALTIMORE AND OHIO-ALTON						,	34
SEABOARD AIR LINE							35
FLORIDA EAST COAST					•		36
CHICAGO AND EASTERN ILLINOIS .							37
SOUTHERN RAILWAY							38

CHICAGO, BURLINGTON & QUINCY

REVENUES AND EXPENSES

		Routes and Trains														
	Kansas City-Omaha- Lincoln			For	FORT WORTH-DALLAS- HOUSTON			St. I	ouis-K	Cansas Cit	Y	St. I	Louis-F	Burling	TON	
	I Train 4 Passenger-Train Cars. One round trip daily. Operation begun November 11, 1934			2 Trains 4 Passenger-Train Cars each. Each one round trip daily.			2 Trains 4 Passenger-Train Cars each. (3) Each one round trip daily.				1 Train 4 Passenger-Train Cars. One round trip daily.					
Item				Operation begun October 1, 1936 (2)				Operation begun December 20, 1936 (4)				Operation begun October 28, 1935				
		Year ended June 30, 1940 (1) Year ended June 30, 1941		Year ended June 30, 1941			Year ended June 30, 1940 June 30,			2 mos. end June 1940	ed 30,	Year e June 30				
	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile
Revenues	\$ 164,177	\$ 1.137	\$ 196,735	\$ 1.101	\$ 411,672	\$.994	\$ 424,742	\$ 1.033	\$ 335,827	\$.838	\$ 308,238	\$.758	\$ 22,746	\$.830	\$ 144,531	\$.931
Train Expenses Wages of crews Fuel Lubricants, etc. Train supplies and	36,318 4,244 534	.029		.258	9,032	.252 .022 .006	8,075	.254	96,537 12,426 1,401	.24I .03I .003	97,384 16,936 2,788		641	.244	38,025 3,739 636	.245
expenses Power plant maintenance Train maintenance	4,258 9,484 20,108	.066	7,323 16,663 10,520	.041 .093 .059	39,649		29,299	.040 .071 .094	16,832 34,469 35,668	.086			1,513	.045	6,811 10,891 20,603	.044 .070 .133
TOTAL Train Expenses Dining-Buffet, net loss	74,946 -4,850			·493 029				.484 044	197,333 -17,171	492 043	178,441 -17,165	.438 043	13,447	.491 040	80,705 -5,926	.520 038
TOTAL, Including D-B.	79,796	-553	93,176	.522	225,613	-545	217,128	.528	214,504	-535	195,606	.481	14,549	.531	86,631	.558
NET REVENUE Per cent of Revenues	84,381 51.4	.584	103,559	-579	186,059	•449	207,614	.505	121,323 36.1	.303	112,632 36.5	.277	8,197 36.0	.299	57,900 40.I	-373
Route-miles Train-miles Passenger-miles	144 5,441	250 ,348 ,253	178 6,181		25,889	283 ,312 ,205	410 26,929	283 ,916 ,334	400, 14,801,		406, 13,860,		27, 720,		155	221 ,142 ,886

Notes: Power plant and train maintenance expenses include both running and general repairs.

- (1) Account of accident, steam power substituted October 3, 1939, to December 7, 1939.
- (2) Second train added November 3, 1938.
- (3) Original train reduced, April 30, 1940, to 3-car train, including the 600 H.P. power plant. The newer train (General Pershing) consists of 2,000 H.P. Diesel-electric locomotive and 4 trailing cars.
- (4) Second train added September 25, 1938.
- (5) Pullman revenues and Pullman car maintenance, except maintenance of air-conditioning equipment, not included.

REVENUES OF THE ZEPHYRS BY SIX-MONTHS' PERIODS

(Excluding dining-buffet car revenues)

Zephyr Run	Period	6 Months \$	Year \$
Kansas City-Omaha-Lincoln	July 1 to December 31, 1939 January 1 to June 30, 1940	70,619 (1) 93,558	164,177
	July 1 to December 31, 1940 January 1 to June 30, 1941	92,115	196,735
Fort Worth-Dallas-Houston	July 1 to December 31, 1939 January 1 to June 30, 1940	210,657 201,015	411,672
Fort Worth-Danas-Houston	July 1 to December 31, 1940 January 1 to June 30, 1941	213,006 211,736	424,742
C. I V City	Julý 1 to December 31, 1939 January 1 to June 30, 1940	185,560 150,267	335,827
St. Louis-Kansas City	July 1 to December 31, 1940 January 1 to June 30, 1941	164,014 144,224	308,238
St. Louis-Burlington	July 1 to December 31, 1940 January 1 to June 30, 1941	67,354 77,177	144,531

Note: (1) Excludes period October 3, 1939, to December 7, 1939, when steam service substituted.

CHICAGO, BURLINGTON & QUINCY

REVENUES AND EXPENSES

	Routes and Trains														
Сн	icago-T	TWIN CITIE	s	(CHICAGO-	-Denver		Denver-D	ALLAS	St. Los Minneapo					
	enger-T	rains rain Cars e ind trip da				rains rain Cars e ly trip daily		2 Trains 8 Passenger- Train Cars each. Each one way trip daily.		2 Trains 7 Passenger- Train Cars each. Each one way trip daily.		Total Ten Trains		Total Fourte Train	EN
Dec	Operati cember	on begun 18, 1936 (7)	No	Operatio vember	n begun 8, 1936 (8)		Operation begun July 1, 1940 (9)		Operation January 7					
Year er June 30,	4.110,41,00	Year ended June 30, 1941		Year en June 30,		Year ended June 30, 1941			Year ended June 30, 1941 (9)				ended June 30,		eriods ne 30,
Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile
\$ 1,113,957	\$ 1.742	\$ 1,219,945	\$ 1.981	\$ 2,119,534	\$ 2.794	\$ 2,062,333	\$ 2.725	\$ (5)815,816	\$ 1.338	\$ (5)120,265	\$ 1.559	\$ 4,167,913	\$ 1.747	\$ 5,292,605	\$ 1.648
189,034 32,870 7,035	.296	182,873 33,804 6,896	.297	217,592 59,936 13,353	.287	216,401 64,012 13,620	.286 .085 .018	163,707 51,703 6,524	.269 .085 .011	21,195 5,677 895	.275 .074 .012	650,417 119,149 24,776	.273	870,206 190,786 34,054	.059
35,620 75,780 73,478	.056	33,865 63,544 99,256	.055	40,741 131,330 77,993	.054 .173 .103	40,178 134,758 90,116	.053 .178 .119	25,913 57,801 (5) 19,816	.042 .095 .032	2,506 5,268 (5) 5,461	.032 .068 .071	116,793 292,225 251,928	.049 .123 .105	144,945 347,096 304,802	.108
413,817 -42,846	.647 067	420,238 -45,811	.682 075	540,945 -52,956	.713 070	559,085 -51,755	·739 068	325,464 -29,388	534 048	41,002 -4,643	.532 060	1,455,288	.610 054	1,891,889 -178,038	
456,663	.714	466,049	-757	593,901	.783	610,840	.807	354,852	.582	45,645	.592	1,585,026	.664	. 2,069,927	.644
657,294 59.0	1.028	753,896 61.8	1.224	1,525,633	2.011	1,451,493	1.918	460,964 56.5	.756	74,620 62.0	.967	2,582,887 62.0	1.083	3,222,678 60.9	1.004
639,	437 639,494 58,447,831 64,965,112		758 91,787		756 92,050		609, 30,845,		221 77,129 3,949,757		2,506 2,384,891 197,088,290		3,562 3,210,658 243,290,606		

- (6) Steam train service during the year prior to April 30, 1940.
- (7) Operation begun with 3-car trains April 21, 1935.
- (8) Operation begun with 3-car trains May 31, 1936.
- (9) Two 2,000 H.P. Diesel-electric locomotives replaced steam locomotives June 2, 1940. Light-weight cars placed in service August 23, 1940. Revenues and expenses are for year ended June 30, 1941. Costs per mile for 10 months, September, 1940, to June, 1941, inclusive, were applied to year's train-miles to arrive at a year's expenses.
- (10) Operates over C.R.I. & P. between Burlington, Iowa, and Minneapolis. Earnings and expenses include only C.B. & Q. operations between St. Louis and Burlington.

REVENUES OF THE ZEPHYRS BY SIX-MONTHS' PERIODS

(Excluding dining-buffet car revenues)

Zephyr Run	Period	6 Months	Year \$
Chicago-Twin Cities	July 1 to December 31, 1939 January 1 to June 30, 1940 July 1 to December 31, 1940 January 1 to June 30, 1941	611,501 502,456 567,954 651,991	1,113,957
Chicago-Denver	July 1 to December 31, 1939 January 1 to June 30, 1940 July 1 to December 31, 1940 January 1 to June 30, 1941	1,211,574 907,960 1,148,374 913,959	2,119,534
Denver-Dallas	July 1 to December 31, 1940 January 1 to June 30, 1941	423,196 392,620	815,816

CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC

REVENUES AND EXPENSES

			CHIC	CAGO-T	WIN CITI	ES			
	AF	TERNOON	HIAWATHA	s	Morning Hiawathas				
Item		ocomotive Γrain Car	rains e and 8 Pass s each. (2) ay trip daily		2 Trains Steam Locomotive and 9-11 Passenger- Train Cars each. (2) Each one way trip daily.				
	Opera	tion begu	n May 29,	1935	Operation	on begun	January 21	, 1939	
	Year e June 30		Year e June 30		Year e June 30		Year e June 30		
	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	
Revenues	\$ 1,152,096	\$ 3.73°	\$ 1,192,731	\$ 3.872	\$ 992,104	\$ 3.212	\$ 1,050,741	\$ 3.411	
TRAIN EXPENSES Wages of crews Locomotive fuel (oil and coal) Water for locomotives Lubricants for locomotives Other supplies for locomotives Train supplies and expenses Locomotive repairs Passenger car repairs Enginehouse expense Total Train expenses Dining-Buffet, net loss Net Revenue Per cent of Revenues	104,166 47,278 2,142 3,781 242 34,786 68,409 95,324 11,524 367,652 -15,416 383,068 769,028 66.8	.337 .153 .007 .012 .001 .113 .221 .309 .037 1.190 050	104,331 54,824 2,478 1,791 182 34,721 74,146 54,163 6,725 333,361 -10,493 343,854 848,877 71.2	.339 .178 .008 .006 .001 .112 .240 .176 .022 1.082 034 1.116 2.756	113,419 62,252 3,033 5,128 270 29,518 63,858 102,265 12,623 392,366 -20,014 412,380 579,724 58.4	.367 .201 .010 .017 .001 .095 .207 .331 .041 1.270 065 1.335	111,223 62,016 3,579 2,035 116 27,671 76,246 56,159 6,807 345,852 -19,926 365,778 684,963 65,2	.361 .201 .012 .007 .001 .090 .247 .182 .022 065 123 065	
Route-miles Train-miles Passenger-miles	423		422 308,904 308,060			422 ,904 ,759	422 308,060 35,102,484		

⁽¹⁾ Actual cost of locomotive and passenger car repairs incurred in each period. Car repairs are high in the year ended June 30, 1940, and low in the year ended June 30, 1941, because all of the cars were shopped in the first period. The repair costs attaching to each period, based upon anticipated average expense per mile over the expected life of the equipment, are estimated as follows:

Locomotive repairs	\$73,051	\$71,877	\$69,083	\$68,880
Passenger car repairs	93,633	94,193	99,711	99,530
(2) Extra care added as required				

REVENUES OF THE HIAWATHAS BY SIX-MONTHS' PERIODS

(Excluding dining-buffet car revenues)

Period	First 6 Months	Second 6 Months	Year \$							
Afternoon Hiawathas										
July 1 to December 31, 1935 January 1 to June 30, 1936	534,396	540,404	1,074,800							
July 1 to December 31, 1936 January 1 to June 30, 1937	631,057	643,078	1,274,135							
July 1 to December 31, 1937 January 1 to June 30, 1938	684,940	652,958	1,337,898							
July 1 to December 31, 1938 January 1 to June 30, 1939	697,289	612,747	1,310,036							
July 1 to December 31, 1939 January 1 to June 30, 1940	602,044	550,052	1,152,096							
July 1 to December 31, 1940 January 1 to June 30, 1941	602,308	590,423	1,192,731							
	Morning Hiawath	as								
July 1 to December 31, 1939 January 1 to June 30, 1940	524,978	467,126	992,104							
July 1 to December 31, 1940 January 1 to June 30, 1941	539,557	511,184	1,050,741							
Afternoon and	Morning Hiawatha	s Consolidated								
July 1 to December 31, 1939 January 1 to June 30, 1940	1,127,022	1,017,178	2,144,200							
July 1 to December 31, 1940 January 1 to June 30, 1941	1,141,865	1,101,607	2,243,472							

ATCHISON, TOPEKA AND SANTA FE

REVENUES AND EXPENSES

DESCRIPTION OF THE PARTY OF THE			THE Y		I	Routes a	nd Trains					-	
	1		CHIEFS os Angele	s		EL CAPITANS Chicago-Los Angeles				SAN DIEGANS Los Angeles-San Diego			
Item		2 Trains 9 Passenger-Train Cars each. Each one round trip weekly.				2 Trains 9 Passenger-Train Cars each. (3) Each one round trip weekly.				2 Trains (4) 10 Passenger-Train Cars each. (5) Each two round trips daily.			
	Operati	on begu	n May 12,	1936	Operation	begun	February 2	2, 1938	Operation	n begun	March 27	, 1938	
	Year en June 30,		Year en June 30		Year e. June 30		Year ended June 30, 1941		Year e June 30		Year e June 30		
	Amount	mount Per Train- A Mile		Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount.	Per Train- Mile	Amount	Per Train- Mile	
Revenues	\$ 1,026,755	\$ 2.187	\$ 1,123,391	\$ 2.424	\$ 1,431,779	\$ 3.049	\$ 1,750,131	\$ 3.776	\$ 381,083	\$ 2.035	\$ 456,036	\$ 2.300	
Train Expenses Wages of crews (1) Fuel (1) Lubricants, etc. (1) Train supplies and expenses Helper locomotive	135,412 47,095 15,655 43,527	.289 .100 .033 .093	135,113 50,690 12,230 43,520	.292 .109 .026 .094	143,062 40,520 11,894 41,705	.305 .086 .025 .089	153,989 49,129 12,940 49,107	.332 .106 .028 .106	58,050 24,092 4,249 20,866	.310 .129 .023 .111	62,981 17,850 5,208 21,128	.318 .090 .026 .107	
expense (2) Enginehouse expense (1) Bus service, San Francisco- Oakland	9,184 6,927	.019	6,145	.023	8,225 5,939	.018	9,904 6,379	.021	781 4,257	.004	2,293	.002	
Power plant maintenance (1) Train maintenance	92,107 29,569	.196	71,673 31,859	.155	71,197 66,199	.152	73,953 80,960	.159	43,109 26,377	.230	26,563 30,865	.134	
TOTAL Train Expenses Dining-Buffet, net loss	379,476 -15,868	.808	361,969 -29,630	.781 064	388,741 -34,761	.828 074	436,361 -46,223	.94I 100	181,781 -3,808	.971 020	167,289 -7,382	.844 037	
TOTAL, Incl. D-B. net loss	395,344	.842	391,599	.845	423,502	.902	482,584	1.041	185,589	.991	174,671	.881	
NET REVENUE Per cent of Revenues	631,411	1.345	731,792 65.1	1.579	1,008,277	2.147	1,267,547 72.4	2.735	195,494 51.3	1.044	281,365 61.7	1.419	
Route-miles Train-miles Passenger-miles	469 34,068			,228 ,470 ,000		,228 ,526 ,000	2,228 463,483 97,752,000		128 187,213 27,832,000		128 198,301 32,253,000		

(1) Includes Diesel-electric expense and corresponding expense of steam relief locomotives.

(2) Wages, fuel, lubricants and supplies, enginehouse expense and maintenance of steam helper locomotives.

(3) EL CAPITANS' consist increased from 5 to 9 cars in May, 1941. During the summer months they operate with 3 Diesel-electric units, an additional diner, and additional chair cars as required.

(4) Second train added on June 8, 1941.

REVENUES OF THE SANTA FE STREAMLINE TRAINS BY SIX-MONTHS' PERIODS (Excluding dining-buffet car revenues)

Period	Super Chiefs: 2 Trains (1)	EL CAPITANS 2 Trains	San Diegans 2 Trains (2)	CHICAGOAN AND KANSAS CITYAN 2 Trains	Golden Gates 2 Trains
July 1 to December 31, 1936 January 1 to June 30, 1937	\$199,246 238,581				
Year	437,827				
July 1 to December 31, 1937 January 1 to June 30, 1938	306,286 488,072	Operation begun	Operation begun	Operation begun	Operation begun
Year	794,358	February 22, 1938	March 27, 1938	April 17, 1938	July 1, 1938
July 1 to December 31, 1938 January 1 to June 30, 1939	545,517 569,113	\$455,561 451,862	\$167,258 161,934	\$446,190 413,327	\$306,725 342,417
Year	1,114,630	907,423	329,192	859,517	649,142

Notes:

(1) One train to February 19, 1938. Revenues include an estimate of the railway company's proportion of Pullman earnings.

(2) One train to June 8, 1941.

ATCHISON, TOPEKA AND SANTA FE

REVENUES AND EXPENSES

		Y		R	outes a	nd Trains									
KA	ANSAS	OAN AND CITYAN HOMA CITY				N GATES		KA	TUL INSAS C	SAN ITY-TULSA		Тот.		Total Eleven Trains	
	ger-Tra	rains in Cars ead ay trip dail			2 Trains enger-Train Cars each. one round trip daily. I Train 5 Passenger-Train Cars. One round trip daily.			each. 5 Passenger-Train Cars.			RAINS	RAINS			
Operation	n begui	n April 17,	1938	Operati	ion begu	in July 1,	1938	Operation	begun I	December	10, 1939				
Year en June 30,		Year en June 30,		Year e June 30		Year e June 30		6 mos. 22 days ended June 30, 1940 Year ended June 30, 1941			Year e		Year en June 30,		
Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile
\$ 1,142,101	\$ 2.013	\$ 1,440,054	\$ 2.318	\$ 773,514	\$ 1.659	\$ 818,836	\$ 1.761	\$ 90,562	\$.867	\$ 220,928	\$ 1.182	\$ 4,845,794	\$ 2.140	\$ 5,809,376	\$ 2.422
150,080 41,700 10,947 46,404	.265 .073 .019	166,073 49,168 9,459 49,879	.268 .079 .015	158,231 28,222 8,435 41,143	.340 .060 .018 .088	144,593 24,672 7,927 40,044	.311 .053 .017 .086	24,919 6,309 1,924 4,895	.239 .060 .018	46,455 11,232 3,417 9,089	.249 .060 .018	669,754 187,938 53,104 198,540	.296 .083 .023 .088	709,204 202,741 51,181 212,767	.296 .084 .021
6,331	.011	135 4,454	.007	53 4,550	.010	2,508	.005	1,056	.010	1,649	.009	18,243 29,060	.008	21,179 23,428	.009
90,119 67,899	.159	68,754 75,657	.111	36,051 54,881 59,203	.077 .118 .127	34,560 47,126 61,155	.074 .101 .132	12,321 7,916	.118	21,486 18,306	.115	36,051 363,734 257,163	.016 .161 .113	34,560 309,555 298,802	.014 .129 .125
413,480	.729 042	423,579 -23,603	.682 038	390,769 -3,089	.838	362,585 -3,971	·779 009	59,34° -12,926	.568 124	111,634 -19,682	598 105	1,813,587 -94,458	.801	1,863,417 -130,491	·777 054
437,486	.771	447,182	.720	393,858	.845	366,556	.788	72,266	.692	131,316	.703	1,908,045	.843	1,993,908	.831
704,615 61.7	1.242	992,872 68.9	1.598	379,656 49.1	.814	452,280 55.2	.973	18,296 20.2	.175	89,612 40.6	-479	2,937,749 60.6	1.297	3,815,468 65.7	1.591
567, 54,578,		621, 69,632,		466,	313 313 256 256 6,004 466,284 464,988 104,448 186,880 2,264,079 1,579,000 64,544,000 4,377,000 8,844,000 262,424,000			104,448 186,880		,079	2,398 309,908				

- (5) San Diegans' consist increased from 7 to 8 cars in January, 1941, and to 10 cars on June 8, 1941. Operate with additional cars as required.
- (6) CHICAGOAN and KANSAS CITYAN extended from Wichita to Oklahoma City, December 10, 1939.
- (7) Increased from 7 to 8 cars south-bound in January, 1940. Seven cars north-bound on account of returning mail car on another train.
- (8) Includes Tulsan, operated 6 months and 22 days.

REVENUES OF THE SANTA FE STREAMLINE TRAINS BY SIX-MONTHS' PERIODS

(Excluding dining-buffet car revenues)

Period	Super Chiefs 2 Trains	EL CAPITANS 2 Trains	SAN DIEGANS 2 Trains (2)	CHICAGOAN AND KANSAS CITYAN 2 Trains	Golden Gates 2 Trains	Tulsan 1 Train (3)
July 1 to December 31, 1939 January 1 to June 30, 1940	\$512,052 514,703	\$756,317 675,462	\$198,802 182,281	\$524,484 617,617	\$426,103 347,411	\$78,298
Year	1,026,755	1,431,779	381,083	1,142,101	773,514	
July 1 to December 31, 1940 January 1 to June 30, 1941	471,085 652,306	899,652 850,479	220,797	726,777	436,066	105,921
Year	1,123,391	1,750,131	456,036	1,440,054	818,836	220,928

⁽³⁾ Operation begun December 10, 1939.

CHICAGO, ROCK ISLAND AND PACIFIC

REVENUES AND EXPENSES

						Routes a	nd Trains						
		Снісадо	o-Peoria		Cı	HICAGO-D	es Moine	s	Kansas (Сіту-Ѕт. І	PAUL-MIN	NEAPOLIS	
		1 Train 4 Passenger-Train Cars. Two round trips daily.				1 Train 4 Passenger-Train Cars. One round trip daily.				2 Trains 3 Passenger-Train Cars each. Each one way trip daily.			
Item	Operation	n begun S	n begun September 19, 1937			Operation begun September 26, 1937				Operation begun September 29, 19			
	Year ended June 30, 1940		Year ended June 30, 1941		Year ended June 30, 1940		Year ended June 30, 1941		Year ended June 30, 1940		Year ended June 30, 1941		
	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	
REVENUES	\$ 396,847	\$ 1.684	\$ 402,500	\$ 1.713	\$ 469,414	\$ 1.791	\$ 474,164	\$ 1.814	\$ 471,826	\$ 1.317	\$ 504,071	\$ 1.413	
TRAIN EXPENSES Wages of crews Fuel oil Lubricants, etc. Train supplies and expenses Power plant maintenance Train maintenance	61,832 10,571 2,350 15,700 25,061 23,443	.263 .045 .010 .067 .106	59,958 9,734 2,502 14,107 21,285 30,357	.255 .041 .011 .060 .091	67,926 12,001 2,137 13,102 25,533 24,157	.259 .046 .008 .050 .098	66,355 10,750 3,370 12,505 21,833 29,557	.254 .041 .013 .047 .084	89,790 14,898 2,884 23,217 27,961 33,309	.251 .042 .008 .064 .078	89,793 13,962 4,583 22,106 31,680 34,120	.252 .039 .012 .062 .089	
TOTAL Train Expenses Dining-Buffet, net gain or loss	138,957 -2,043	.591 008	137,943 -4,177	.587 018	144,856	·553 .005	144,370 1,924	.552	192,059 -2,504	.536 007	196,244 -850	.550 002	
Total, Incl. D-B. net gain or loss	141,000	-599	142,120	.605	143,617	.548	142,446	•545	194,563	.543	197,094	.552	
NET REVENUE Per cent of Revenues	255,847 64.5	1.085	260,380 64.7	1.108	325,797 69.4	1.243	331,718	1.269	277,263 58.8	•774	306,977 60.9	.861	
Route-miles Train-miles Passenger-miles (est.)					358 262,056 26,078,500 26,342,400			1,340			35 27,72	489 6,746 4,700	

Notes:

(1) Service begun November 12, 1939, between Chicago and Denver-Colorado Springs, trains dividing and converging at Limon, Colorado. Effective June 30, 1940, a connecting service was established from and to Kansas City via Belleville, Kansas.

(2) From November 12, 1939, to June 29, 1940, each train consisted of 7 cars between Chicago and Limon and 5 cars between Limon and Denver. One mail-chair car and 1 Pullman hauled by steam locomotive between Limon and Colorado Springs.

Since June 30, 1940, each train has consisted of 7 cars between Chicago and Belleville, 9 cars between Belleville and Limon (including 2 Kansas City cars) and 7 cars between Limon and Denver. Between Limon and Colorado Springs a mail-chair car and 1 Pullman are hauled by a 1,000 H.P. Diesel-electric locomotive received at Belleville, Kansas, from the Kansas City connecting train.

REVENUES OF THE ROCKETS BY SIX-MONTHS' PERIODS

(Excluding dining-buffet car revenues)
(Revenue in Thousands)

		Rocket	Routes	
Period	CHICAGO-PEORIA 1 Train	CHICAGO-DES MOINES 1 Train	Kansas City-St. Paul- Minneapolis 2 Trains	Kansas City-Dallas 2 Trains (1)
January 1 to June 30, 1938	\$194	\$229	\$241	
July 1 to December 31, 1938 January 1 to June 30, 1939	202 181	253 239	242 223	\$230
Year	383	492	465	TELEPINE TO

⁽¹⁾ Operation begun November 15, 1938.

CHICAGO, ROCK ISLAND AND PACIFIC

REVENUES AND EXPENSES

	Routes and Trains																
		TY-DALLA				ISAS CITY- DRADO SPR		MEMF AMAR		St. Lo Minneau		Сніса Рноем					
		ains ain Cars ay trip da			ger-Tra	rains in Cars ea ay trip dai		2 Tra 4 Passe Train eac Each or trip d	enger- Cars h.	2 Tra 7 Passe Train eac Each or trip d	enger- Cars h. ne way	2 Train 7 Passer Train C each Each one trip every days	lger- lars round four	TOTAL ALL TRAINS			
		on begun r 15, 193	8			on begun 12, 1939 (1)	Opera beg Novem	un ber 17,	Opera beg Janua 19	un ry 7,	Operat begu Decembe 1940	n er 15,			N ₄	
Year e		Year e		7 moi 19 days June 30	ended	Year en June 30,		7 mo 14 days June 30	ended	5 mo 25 days June 30	ended	4 mon 17 days e April 30,	ended	Various pende	ed	Various 1 ende June 30, 1	ed
Amount	Per Train- Mile	Amount	Per Train- Mile	Amount (3)	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount (6)	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile
\$ 542,689	\$ 1.095	\$ 578,842	\$ 1.171	\$ 574,018	\$ 1.143	\$ 1,242,157	\$ 1.253	\$ 261,546	\$.760	\$ 189,856	\$ 1.482	\$ 189,669	\$ 1.362	\$ 2,454,794	\$ 1.324	\$ 3,842,805	\$ 1.302
123,586 21,131 3,835 ,26,485 38,594 30,858	.249 .043 .008 .054 .078 .062	125,705 21,973 4,238 25,711 38,968 34,735	.254 .044 .009 .052 .079	140,830 36,262 6,716 30,005 28,620 21,258	.072 .013 .060	273,591 71,593 8,931 63,663 60,165 57,058	.276 .072 .009 .064 .061	88,037 15,674 3,393 12,370 20,527 8,658	.256 .046 .010 .035 .060	35,667 11,717 1,024 8,510 8,790 3,337	.278 .091 .008 .067 .069	36,694 9,507 1,667 4,765 3,884 2,867	.264 .068 .012 .034 .028	483,964 94,863 17,922 108,509 145,769 133,025	.261 .051 .010 .058 .079	775,800 164,910 29,708 163,737 207,132 200,689	.056
244,489 -9,589	·494 019	251,330 -6,013	.508 012	263,691 -19,367	.525 039	535,001	540 026	148,659 -8,579	·.432 025	69,045 -7,301	-539 057	59,384 -6,245	.426 045	984,052 -32,264	017	1,541,976 -57,260	.523 019
254,078	.513	257,343	.520	283,058	.564	561,020	.566	157,238	-457	76,346	.596	65,629	.471	1,016,316	.548.	1,599,236	-542
288,611	.582	321,499 55·5	.651	290,960 50.7	-579	681,137 54.8	.687	104,308 39.9	.303	113,510	.886	124,040 65.4	.891	1,438,478 58.6	.776	2,243,569 58.4	.760
495	677 5,564 1,859	494	677 1,240 1,562		1,083 2,190 3,036		,367 ,020 ,717	344 9,957	761 ,156 ,128	128 7,172	366 3,100 2,513	1, 139, 10,537,		1,85		2,950 182,448	

(3) Earnings and expenses of Limon-Colorado Springs run not included.

(4) Operates over C.B. & Q. between St. Louis and Burlington, Iowa. Earnings and expenses include only C.R.I. & P. operations between Burlington and Minneapolis.

(5) Arizona Limiteds. Seasonal service between Chicago and Phoenix, Arizona, via C.R.I. & P. and Southern Pacific. Departure every second day in each direction.

(6) Revenues and expenses are for C.R.I. & P. operations between Chicago and Tucumcari, New Mexico.

(7) Include Arizona Limiteds' operations between Chicago and Tucumcari for period ended April 30, 1941.

REVENUES OF THE ROCKETS BY SIX-MONTHS' PERIODS

(Excluding dining-buffet car revenues)
(Revenue in Thousands)

			Rocket Routes		
Period	Chicago-Peoria 1 Train	CHICAGO- DES MOINES 1 Train	Kansas City- St. Paul- Minneapolis 2 Trains	Kansas City- Dallas 2 Trains	CHICAGO-KANSAS CITY-DENVER- COLORADO SPRINGS 2 Trains (2)
July 1 to December 31, 1939 January 1 to June 30, 1940	\$200 197	\$253 216	\$243 229	\$285 258	\$447
Year	397	469	472	543	
July 1 to December 31, 1940 January 1 to June 30, 1941	202	24I 233	248 256	275 304	657 585
Year	402	474	504	579	1,242

⁽²⁾ Operation begun November 12, 1939.

MISSOURI PACIFIC

REVENUES AND EXPENSES

		MISSOURI RI St. Louis-Kans							
	2 Trains 6 Passenger-Train Cars each. Each one way trip daily.								
Item		Operation begun	March 10, 19.	40					
	3 month ended Ju	ne 30, 1940		ended 30, 1941					
	Amount	Per Train-Mile	Amount	Per Train-Mile					
Revenues	\$ 192,353	\$ 1.783	\$ 654,106	\$ 1.882					
Train Expenses Wages of crews Fuel Lubricants, etc. Train supplies and expenses Power plant maintenance Train maintenance	32,614 6,565 1,579 8,934 8,108 9,528	.302 .061 .015 .083 .075	104,883 22,058 7,125 28,485 31,469 36,114	.302 .063 .020 .082 .091					
TOTAL Train Expenses Diner, net loss	67,328 -2,136	.624 020	230,134 -4,399	.662 013					
TOTAL, Including diner net loss	69,464	.644	234,533	.675					
NET REVENUE Per cent of Revenues	122,889 63.9	1.139	419,573 64.1	1.207					
Route-miles Train-miles Passenger-miles	6,60	478 7,861 8,572		478 17,548 28,557					

ILLINOIS CENTRAL

REVENUES AND EXPENSES

			Routes	and Trains				
		GREEN I			CITY OF M Chicago-Bi			
Item		1 To 4 Passenger- One round	Train Cars.		1 Train 7 Passenger-Train Cars One round trip every third day.			
	Op	eration begu	n May 17, 1	936	Operation December			
		d June 30,		ed June 30,	6 months ended June			
	Amount	Per Train-Mile	Amount	Per Train-Mile	Amount (2)	Per Train-Mile		
Revenues	\$ 268,292	\$ 1.314	\$ 282,247	\$ 1.393	\$ 199,534	\$ 2.224		
Train Expenses Wages of crews Fuel Lubricants, etc. Train supplies and expenses Power plant maintenance Train maintenance	55,674 9,585 1,982 13,342 22,633 50,256	.273 .047 .010 .065 .111	57,225 9,442 3,108 15,320 19,421 27,617	.282 .047 .015 .076 .096	22,188 8,183 1,014 (3) 6,119 (4) 22,262 (4) 27,340	.248 .091 .011 .068 .248		
TOTAL Train Expenses Dining-Buffet, net loss	153,472 -17,196	08 ₄	132,133 -15,283	.652 075	87,106 —598	.971 007		
TOTAL, Including D-B. net loss	170,668	.836	147,416	-727	87,704	.978		
NET REVENUE Per cent of Revenues	97,624 36.4	.478	134,831 47.8	.666	111,830 56.0	1.246		
Route-miles Train-miles Passenger-miles		294 94,146 11,707		294 02,572 15,023	690 89,700 12,929,616			

Notes:

- Operates between Chicago and Miami every third day, via Ill. Cent., Birmingham, C. of Ga., Albany, Ga., A. C. L., Jacksonville, F. E. C., Miami.
 Revenues and expenses are for Illinois Central operations between Chicago and Birmingham.

- (3) Includes enginehouse expense of \$1,549.
 (4) Includes accruals for general repairs applicable to period not yet made.

REVENUES OF THE GREEN DIAMOND BY SIX-MONTHS' PERIODS

(Excluding dining-buffet car revenues)

Period	6 Months	Year \$
July 1 to December 31, 1936 January 1 to June 30, 1937	(est.) 164,000 149,032	313,032
July 1 to December 31, 1937 January 1 to June 30, 1938	155,346 122,628	277,974
July 1 to December 31, 1938 January 1 to June 30, 1939	144,194	278,710
July 1 to December 31, 1939 January 1 to June 30, 1940	135,427 132,865	268,292
July 1 to December 31, 1940 January 1 to June 30, 1941	133,148	282,247

CENTRAL OF GEORGIA

REVENUES AND EXPENSES

	CITY OF BIRMIN ALBAN	GHAM-			
Item	7 Passenger- One rou	Train Cars.			
	Operation begun December 18, 1940				
	6 months ended Jun				
	Amount (2)	Per Train-Mile			
Revenues	\$ 68,696	\$ 2.105			
TRAIN EXPENSES Wages of crews Fuel Lubricants, etc. Train supplies and expenses Enginehouse expense Power plant maintenance Train maintenance Train Expenses Dining-Buffet, net loss TOTAL, Including D-B. net loss NET REVENUE	10,690 2,928 710 2,030 523 (3) 8,092 (3) 9,952 34,925 —190 35,115 33,581	.328 .090 .021 .062 .016 .248 .305 1.070 006			
Per cent of Revenues Route-miles Train-miles Passenger-miles	251 32,630 5,165,145				

Notes:

- (1) Operates between Chicago and Miami every third day, via Ill. Cent., Birmingham, C. of Ga., Albany, Ga., A.C.L., Jacksonville, F. E. C., Miami.
- (2) Revenues and expenses are for C. of Ga. operations between Birmingham and Albany.
- (3) Estimated. Includes accruals for general repairs applicable to period not yet made.

GULF, MOBILE AND OHIO

REVENUES AND EXPENSES

	i mian	Routes and Trains							
	Ne	REB w Orleans-J	GULF COAST REBELS St. Louis-Mobile						
Item	4 Cars I 3 Cars	2 Tr New Orleans- Jackson, Miss Each one wa	Jackson, Mi Jackson, T	Tenn. (1)	2 Trains 6 Cars each. Each one way trip daily.				
	OĮ	peration begu	n July 29, 1	935	Operation begun October 27, 1940 Eight months ended June 30, 1941				
		ended 0, 1940		ended 0, 1941					
	Amount	Per Train-Mile	Amount	Per Train-Mile	Amount	Per Train-Mile			
Revenues	\$ 210,676	\$.590	\$ 206,467	\$.580	\$ 211,225	\$.676			
Train Expenses Wages of crews Fuel oil Lubricants, etc. Train supplies and expenses Power plant maintenance Train maintenance	81,734 10,751 1,809 15,205 16,369 19,251	.229 .030 .005 .043 .046	81,897 9,910 2,151 14,460 18,044 26,172	.230 .028 .006 .041 .051	80,872 14,764 2,989 19,055 21,315 23,401	.272 .050 .010 .064 .072			
Total Expenses Diesel-electric operation Steam train substitute service					162,396 11,748	·547 ·777			
Total Train Expenses	145,119	.407	152,634	.429	174,144	-557			
NET REVENUE Per cent of Revenues	65,557 31.1	.183	53,833 26.1	.151	37,081 17.6	.119			
Route-miles Train-miles: Diesel-electric Steam		488		488	645 297,170 15,121				
TOTAL Train-miles Passenger-miles (est.)		6,915 5,000		6,072 5,000	31	2,291 8,900			

Note:

REVENUES OF THE NEW ORLEANS-JACKSON, TENN., REBELS BY SIX-MONTHS' PERIODS

Period	6 Months	Year \$
July 29 to December 31, 1935 January 1 to June 30, 1936	80,693 75,847	156,540
July 1 to December 31, 1936 January 1 to June 30, 1937	121,772	226,370
July 1 to December 31, 1937 January 1 to June 30, 1938	124,995 113,297	238,292
July 1 to December 31, 1938 January 1 to June 30, 1939	120,904	226,896
July 1 to December 31, 1939 January 1 to June 30, 1940	113,513 97,163	210,676
July 1 to December 31, 1940 January 1 to June 30, 1941	102,348	206,467

⁽¹⁾ Reduced on June 8, 1941, from 4 cars to 3 cars between Union, Miss., and Jackson, Tenn., upon discontinuance of Mobile-Union connecting train. Service to and from Mobile furnished by the Gulf Coast Rebels, operated between St. Louis and Mobile.

BALTIMORE AND OHIO-ALTON

REVENUES AND EXPENSES

Γ			Total A		Mil	CHI	CAGO-	ST. LOU	IS					
		A	BRAHAM	Lincoln			Ann Ru	TLEDGE	H.					
	Item	8 Pa	1 Train, Diesel-electric Locomotive, 8 Passenger-Train Cars. One round trip daily.			I Train, Steam Locomotive, (I) 8 Passenger-Train Cars. One round trip daily.			Total Two Trains					
1		Operation	on begun	n June 24,	1935	Operati	on begu	n July 26,	1937					
		Year e		Year en June 30,		Year e June 30		Year e			Year ended June 30, 1940		Year ended June 30, 1941	
		Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	Amount	Per Train- Mile	
F	REVENUES	\$ 653,321	\$ 3.173	\$ 694,347	\$ 3.373	\$ 543,988	\$ 2.642	\$ 608,318	\$ 2.955	\$ 1,197,309	\$ 2.908	\$ 1,302,665	\$ 3.164	
	Wages of crews Fuel Lubricants, etc. Enginehouse expense Train supplies and expenses Steam locomotive maintenance Diesel locomotive maintenance Train maintenance Trotal Train Expenses Dining-Buffet, net loss Total, Including D-B. net loss	67,420 15,233 4,527 2,864 34,167 2,924 39,854 36,857 203,846 -14,228	.328 .074 .022 .013 .166 .014 .179 .990 069	68,089 21,414 5,013 4,896 31,873 11,933 64,254 62,739 270,211 -13,655 283,866	.331 .104 .024 .024 .155 .058 .312 .305 1.313 066	52,403 22,469 4,668 5,436 27,593 46,552 186 63,284 222,591 -15,052	.255 .109 .023 .026 .134 .226 .001 .307 1.081 073	60,729 29,155 4,741 5,382 32,030 24,705 10,886 28,067 195,695 -23,238 218,933	.295 .141 .026 .026 .155 .120 .052 .136 .951 113	119,823 37,702 9,195 8,300 61,760 49,476 40,040 100,141 426,437 -29,280	.092 .022 .020 .150 .120 .098 .243 1.036 071	128,818 50,569 9,754 10,278 63,903 36,638 75,140 90,806 465,906 -36,893 502,799	.123 .024 .025 .155 .089 .182 .221 089	
1	VET REVENUE Per cent of Revenues	435,247 66.6	2.114	410,481 59.1	1.994	306,345 56.3	1.488	389,385	1.891	741,592 61.9	1.801	799,866	1.943	
11	Route-miles Frain-miles Passenger-miles	31,307	282 5,860 7,772	33,506	282 5,860 5,884	20,119	282 5,860 9,486	28,69	282 5,860 7,956	56,42	282 1,720 7,258	62,204	282 1,720 4,840	

Notes:

The small decrease in 1941 in the net revenue of the Abraham Lincoln was due principally to the increased expense in operating a second Diesel-electric unit commencing in October, 1940, and to the expense of a general overhauling of the cars in May, 1941.

The variation in the repair costs in 1940 and 1941 to locomotives of the Ann Rutledge was due to the operation, beginning in

The variation in the repair costs in 1940 and 1941 to locomotives of the Ann Rutledge was due to the operation, beginning in June, 1940, of a Diesel-electric locomotive from St. Louis to Chicago, and a steam locomotive from Chicago to St. Louis. The higher cost of train maintenance of the Ann Rutledge in 1940 caused by a general overhauling of the cars in that year.

(1) Commencing in June, 1940, Ann Rutledge operated with a Diesel-electric locomotive from St. Louis to Chicago and with a steam locomotive from Chicago to St. Louis.

REVENUES OF THE ABRAHAM LINCOLN AND THE ANN RUTLEDGE BY SIX-MONTHS' PERIODS

(Excluding dining-buffet car revenues)

Period	First 6 Months	Second 6 Months	Year \$
	Abraham Lincoln	1	
July 1 to December 31, 1939 January 1 to June 30, 1940	325,177	328,144	653,321
July 1 to December 31, 1940 January 1 to June 30, 1941	335,387	358,960	694,347
	Ann Rutledge		
July 1 to December 31, 1939 January 1 to June 30, 1940	269,431	274,557	543,988
July 1 to December 31, 1940 January 1 to June 30, 1941	286,935	321,383	608,318

SEABOARD AIR LINE

REVENUES AND EXPENSES

	SILVER METEORS RICHMOND-MIAMI AND ST. PETERSBURG (I)				
Item	7 PassTrain	rains (2) Cars each. (3) ray daily. (4)	3 Trains 14 PassTrain Cars each. (5) Each one way daily.		
	C	peration begun	February 2, 19	39	
	Year ended	June 30, 1940	Year ended	June 30, 1941	
	Amount	Per Train-Mile	Amount	Per Train-Mile	
Revenues	\$ 1,615,242	\$ 2.725	\$ 2,817,000	\$ 3.241	
Train Expenses Wages of crews Fuel Lubricants Train supplies and expenses Power plant maintenance (6) Train maintenance (6) Other expenses (7)	204,538 49,598 7,789 31,772 73,264 39,513 113,288	.345 .084 .013 .054 .123 .067	304,148 86,993 15,090 62,038 165,778 110,695 208,835	.350 .100 .017 .071 .191 .127	
Total Train Expenses Dining-Buffet, net gain or loss	519,762 2,223	.877	953,577 —10,130	1.097 012	
TOTAL, Including D-B. net gain or loss	517,539	.873	963,707	1.109	
NET REVENUE Per cent of Revenues	1,097,703	1.852	1,853,293 65.8	2.132	
Route-miles between Richmond and Train-miles Passenger-miles	Miami St. Petersbu	1,051 grg 911 592,852 113,749,437	, Miami St. Petersbu	1,051 911 869,262 194,033,285	

Notes:

- (1) Trains divide and converge at Wildwood, Florida.
- (2) One train, July 1, 1939, to November 30, 1939.
- (3) December 1, 1939, to May 27, 1940, 7 passenger-train cars two days out of three, with a third-day 11-car train. May 28 to June 30, 1940, 7 passenger-train cars daily.
- (4) July 1, 1939, to November 30, 1939, one round trip every three days. December 1, 1939, to June 30, 1940, daily.
- (5) July 1, 1940, to November 30, 1940, 7 passenger-train cars.

 December 1, 1940, to April 27, 1941, 14 passenger-train cars.

 April 28, 1941, to June 30, 1941, 13 passenger-train cars, including 3 standard Pullman sleepers.
- (6) Does not include estimated amounts accumulated in excess of actual expenditures for general overhaul as follows:
 - To June 30, 1940: power plant \$26,779, train \$57,238 To June 30, 1941: power plant 4,246, train 67,658
- (7) Does not include advertising expenses amounting to:

To June 30, 1940: \$27,779
To June 30, 1941: 20,386

REVENUES OF THE SILVER METEORS BY SIX-MONTHS' PERIODS

(Excluding dining-buffet car revenues)

Period	6 Months	Year \$
July 1 to December 31, 1939 January 1 to June 30, 1940	460,300 1,154,942	1,615,242
July 1 to December 31, 1940 January 1 to June 30, 1941	977,626 1,839,374	2,817,000

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FLORIDA EAST COAST

REVENUES AND EXPENSES

		JACKSONVILLE-MIAMI							
	HENRY M. FLAGLER (1)		DIXIE FLAGLER CITY OF MIAMI SOUTH WIND		Champions (3)				
Item	1 Tra 7 Passenge Car One round t	er-Train s.	3 Tra 7 Passenge Cars e Each one re every third	er-Train ach. ound trip	3 Tra 7 Passenge Cars e Each one w	er-Train ach.	3 Trains 7 Passenger-Train Cars each. (4) Each one way daily.		
	Operation December		Operation December			Operation begun December 1, 1939 7 months ended June 30, 1940		Operation begun December 1, 1939	
	11 months ended Nove	ember 30,	6 months June 30					Year ended June 30, 1941	
	Amount	Per Train- Mile	Amount (5)	Per Train- Mile	Amount (5)	Per Train- Mile	Amount (5)	Per Train- Mile	
Revenues	\$ 422,952	\$ 1.679	\$ 289,452	\$ 2.311	\$ 350,151	\$ 2.392	\$ 876,980	\$ 3.472	
Train Expenses Wages of crews Fuel Lubricants, etc. Enginehouse expense Train supplies and expenses Power plant maintenance Train maintenance	75,649 22,883 4,510 6,824 24,058 32,240 17,637	.300 .091 .018 .027 .096 .128	37,002 10,144 2,322 3,432 7,536 16,551 19,313	.296 .081 .019 .027 .060 .132	44,066 12,402 2,134 1,704 10,339 14,474 7,674	.301 .085 .014 .012 .071 .099	83,911 30,822 7,666 5,242 30,092 38,190 30,669	.332 .122 .030 .021 .119 .151	
TOTAL Train Expenses Dining-Buffet, net loss	183,801	.730 082	96,300 -2,591	.769 021	92,793 -2,570	.634 017	226,592 -8,796	.897 035	
TOTAL, Including D-B.	204,505	.812	98,891	.790	95,363	.651	235,388	.932	
NET REVENUE Per cent of Revenues	218,447 51.6	.867	190,561 65.8	1.521	254,788 72.8	1.741	6 ₄ 1,592 73.2	2.540	
Route-miles Train-miles Passenger-miles	251 27,987	346 ,918 ,000	125	346 ,252 ,000	346 146,358 24,335,000		252 59,964	346 4,604 4,000	

Notes:

- (i) Operated between Jacksonville-Miami only. Discontinued December 14, 1940. Equipment placed in service as the Dixie Flagler between Chicago-Miami, leaving Chicago on first trip December 17, 1940.
- (2) Each train makes one round trip between Chicago-Miami every third day on alternate days, effecting a daily service between Jacksonville-Miami.
- (3) The Champions operate a daily service between New York and Miami.
- (4) July 1, 1940, to November 27, 1940, 7 passenger-train cars; November 28, 1940, to December 20, 1940, 8 passenger-train cars; December 21, 1940, to December 28, 1940, 12 passenger-train cars; December 29, 1940, to January 3, 1941, 13 passenger-train cars; January 4, 1941, to May 3, 1941, 14 passenger-train cars; May 4, 1941, to June 30, 1941, 10 passenger-train cars including 3 standard Pullman sleepers.
- (5) Revenues and expenses are for F. E. C. operations between Jacksonville-Miami.

CHICAGO AND EASTERN ILLINOIS

REVENUES AND EXPENSES

	DIXIE FLAGLER (1) CHICAGO-EVANSVILLE			
	1 Train 7 Passenger-Train Cars. One round trip every 3 days.			
Item	Operation December	n begun r 17, 1940		
	6 months and 15 days ended June 30, 1941			
	Amount (2)	Per Train-Mile		
Revenues	\$ 96,660	\$ 2.591		
TRAIN EXPENSES				
Wages of crews	12,248	.328		
Fuel	4,607	.124		
Lubricants	1,132	.030		
Train supplies and				
expenses	2,036	.055		
Enginehouse expense Locomotive maintenance	2,242	.164		
Train maintenance	6,123	.013		
	-			
TOTAL Train Expenses	28,865	•774		
Dining-Buffet, net loss	-2,132	057		
Total, Including D-B.	30,997	.831		
NET REVENUE Per cent of Revenues	65,663 67.9	1.760		
Route-miles Train-miles Passenger-miles (est.)	287 37,310 4,835,500			

Notes:

- (1) Operates between Chicago and Miami every third day, via C. & E. I., Evansville, L. & N., Nashville, N. C. & St. L., Atlanta, A. B. & C., Waycross, Ga., A. C. L., Jacksonville, F. E. C., Miami.

 (2) Revenues and expenses are for C. & E. I. operations between Chicago and Evansville.

SOUTHERN RAILWAY

REVENUES AND EXPENSES

	Routes and Trains						
	SOUTHEI New York-Ne		TENNESSEANS Washington-Memphis				
Item	8 PassTrain C Each one w	Cars each. (2)	3 Trains 9 PassTrain Cars each. (4) Each one way daily.				
	Operation March 31		Operation begun May 17, 1941				
	3 months 1 d June 30,		I month 15 of June 30				
	Amount (3)	Per Train-Mile	Amount (5)	Per Train-Mile			
Revenues	\$ 500,721	\$ 2.372	\$ 144,922	\$ 2.236			
Train Expenses Wages of crews Fuel Lubricants, etc. Train supplies and expenses Power plant maintenance Train maintenance (1)	67,787 15,436 2,110 14,228 11,336 6,562	.321 .073 .010 .067 .054	23,443 9,573 1,299 10,460 7,475 1,486	.362 .148 .020 .161 .115			
TOTAL Train Expenses Dining-Tavern, net gain or loss	117,459 7,936	.556	53,736 -2,732	.829 042			
TOTAL, Including D-T. net gain or loss	109,523	.519	56,468	.871			
NET REVENUE Per cent of Revenues	391,198 78.1	1.853	88,454 61.0	1.365			
Route-miles from Washington Train-miles Passenger-miles (est.)	35,139,		728 64,792 6,305,943				

Notes:

Includes enginehouse expense.
 Seven cars between Atlanta and New Orleans.
 Revenues and expenses are for Southern Railway operations between Washington and New Orleans.
 Nine cars between Washington-Bristol, 10 cars between Bristol-Chattanooga, and 9 cars between Chattanooga-Memphis. Consist includes streamline standard sleepers as follows: 1 Washington-Memphis; 1 Bristol-Chattanooga for connections; 1 Chattanooga-Memphis.
 Revenues and expenses do not include operations over N. & W. between Lynchburg, Va., and Bristol, Va.-Tenn.

