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MADRAS RECORD OFFICE.**Government of Madras.***Public works* **DEPARTMENT.**

G.O. No. 434-35	Press ~~Mis.~~
251-53	
Dated 15. 2	1872.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
15th February 1872.*

No. 251. Read the following letter from the Deputy Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 15th January 1872, No. 22 :—

I HAVE the honour to forward the Revenue Analysis of the Great Southern of India Railway for the half-year ending 30th June 1871.

2. The result of the working of the line is much the same as in the previous year and the figures do not call for any particular remarks.

3. The coaching traffic shows a slight falling off in receipts, chiefly in the third class; the receipts from goods have also fallen principally under the item of grain of all kinds.

4. The working expenses have, however, been a good deal reduced, and the proportion of expenses to earnings has been not more than 53 per cent.

GREAT SOUTHERN OF INDIA RAILWAY.

TABLE A.

General Statement of Working of half-year ending 30th June 1871.

Public traffic.		PASSENGERS OF TONS OF GOODS CARRIED.		EARNINGS.		Percentage of total earn- ings contri- buted by each description of traffic.
		Number.	Per cent. of total number and total tonnage.	Amount.	Per cent. of total earnings from Coach- ing and from Goods.	
Coaching.	1st Class...	651	0.17	RS. 3,636	1.70	0.98
	2nd „ ...	4,297	1.07	5,522	2.59	1.49
	3rd „ ...	394,719	98.76	1,88,715	88.50	51.03
	4th „ ...	...	...	...	...	...
	Miscellaneous earnings ...	...	...	15,353	7.21	4.15
	Total ...	399,667	100.0	2,13,226	100.0	100.0
Goods	Special ...	Tons. 16,653	36.10	26,310	18.03	7.11
	1st Class...	21,770	47.21	65,907	45.17	17.82
	2nd „ ...	4,612	10.00	25,366	17.38	6.86
	3rd „ ...	1,850	4.00	13,711	9.40	3.71
	4th „ ...	816	1.78	8,842	6.06	2.39
	5th „ ...	324	0.71	5,123	3.51	1.39
	Railway materials	93	0.20	238	0.16	0.06
	Minerals ...	...	...	...	...	...
	Miscellaneous earnings...	...	...	427	0.29	0.12
	Total ...	46,118	100.0	1,45,924	100.0	...
Miscellaneous Total ...		...	...	10,679	...	2.89
Grand Total ...		...	...	3,69,829	...	100.0

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General Statement of Working of half-year ending 30th June 1871.—(Continued.)

	COACHING.			GOODS.			MISCELLANEOUS.			TOTAL.			Percentage of profits on paid up Capital.
	Total.	Per mixed train mile.	Per open mile per week.	Total.	Per mixed per mile.	Per open mile per week.	Total.	Per mixed train mile.	Per open mile per week.	Total.	Per mixed train mile.	Per open mile per week.	
	RS.	RS. A. P.	RS.	RS.	RS. A. P.	RS.	RS.	RS. A. P.	RS.	RS.	RS. A. P.	RS.	RS.
Earnings ...	2,13,226	1 12 0	49	1,45,924	1 3 2	33	10,679	0 1 5	2	3,69,829	3 0 7	84	...
Expenses ...	75,556	0 9 11	17	1,16,093	0 15 3	27	7,288	0 1 0	1	1,98,937	1 10 2	45	0.65
Profits ...	1,37,670	1 2 1	32	29,831	0 3 11	6	3,391	0 0 5	1	1,70,892	1 6 5	39	...
Per-centage of expenses to earnings ...	35	...	...	79	...	...	68	...	...	53	...	...	...

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General Statement of Working of half-year ending 30th June 1871.—(Concluded.)

	Passenger.	Goods.	Mixed.	Total.
Number of trains run ...			1,661	1,661
Train mileage (D—I. 2, page 6) ...			121,801	121,801
Gross ton mileage (M—I. 22, page 14)			21,251,770	21,251,770

Average composition of Trains.	AVERAGE NUMBER OF VEHICLES.			AVERAGE NUMBER OF SEATS.		AVERAGE WEIGHT OF TRAINS.	
	Passenger trains.	Goods trains.	Mixed trains.	Provided.	Used.	Freight or live load.	Dead load, exclusive of Engine and Tender.
1st Class ...	...	...	0.47	...	0.31	6.85	39.72
2nd „ ...	...	...	0.48	...	1.43		
3rd „ ...	...	...	4.35	...	102.54		
4th „ ...	...	...	...	...	...		
Others including brakes.	...	...	1.13	...	...		
Goods.—Vehicles of all kinds including brakes.	...	...	8.98	Various.		20.07	51.09

OPEN MILEAGE ON 30TH JUNE 1871.			Mean mileage worked during half-year.	Capital expended on open mileage, inclusive of Rolling Stock.	Cost per mile open.	TOTAL LENGTH OF THE FOLLOWING GRADIENTS:—			STEEPEST GRADIENTS WORKED BY			
Single.	Double.	Total.				1/100 and less.	1/101 to 1/200	1/201 to 1/300	Fixed power.		Locomotive.	
									Length.	Inclination.	Length.	Inclination.
168	...	168	168	£ 1,399,720	£ 8,332	M. CHS. 3 46	M. CHS. 9 11	M. CHS. 11 08	M. CHS. N/L	N/L	M. CHS. 1 0	1 in 100

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TABLE B.

Statement showing in comparison the Coaching Traffic of the half-years ending 30th June 1870 and 30th June 1871.

REFERENCE TO REVENUE ACCOUNT.		DETAILS.	NUMBER.		FARE PER MILE.		RECEIPTS.		AVERAGE MILEAGE.	
Table and main head.	Sub-head.		1st half, 1870.	1st half, 1871.	1st half, 1870.	1st half, 1871.	1st half, 1870.	1st half, 1871.	1st half, 1870.	1st half, 1871.
X. (H.) 1	...	FIRST-CLASS PASSENGERS—			Pies.	Pies.	RS.	RS.		
		Single journey	549	649	18	18	3,850	3,413		
		Excess fares	34	25			85	87		
		Return journey						6		
		Troops and Police		1						58
		Total...	549	650			3,435	3,536		
		Season tickets		1				100		
		SECOND CLASS—					5,357	5,335		
		Single journey	4,323	4,260	5	5	119	113		
		Excess fares	217	229			4	75		40
1	...	Return journey	6				123			
		Troops and Police	64	37						
		Total...	4,393	4,297			5,602	5,522		50
		Season tickets								
		THIRD CLASS—					1,82,368	1,78,395		
		Single journey	3,61,002	3,52,516	3	3	226	203		
		Excess fares	435	460			10,497	8,659		
		Return journey	56,840	40,694			1,382	1,458		30
		Troops and Police	1,519	1,509						
		Total...	420,301	391,719			1,94,473	1,88,715		29
1	...	Season tickets								
		FOURTH CLASS—								
		Single journey								
		Excess fares								
		Return journey								
		Troops and Police								
		Total...								
		Season tickets								
		PASSENGERS' LUGGAGE	Tons.	Tons.	Two Pies per maund per mile.		1,800	1,821	163	
		MILITARY BAGGAGE	794	75						
4	1	PUBLIC	No.	No.	Vide list attached.		484	791	73	
		Carriages	62	109			1,439	1,994	96	
		Horses	207	309			187	228	63	
		Dogs	224	303						
		MILITARY								
		Carriages								
		Horses								
		Dogs								
		PARCELS	Tons.	Tons.	Vide list attached.		6,819	5,525	69	
		SPECIAL TRAINS	221	159						
7	1	POST OFFICE—	No.	No.	Do. do.		1,562	4,014		
		Haulage and hire of Post								
		Office vehicles								
		Special Trains								
		Parcels								
		Total...					12,375	15,353		
		Grand Total...					2,15,885	2,13,220		

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TABLE C.

Statement showing in comparison the Goods Traffic of the half-years ending 30th June 1870 and 30th June 1871.

REFERENCE TO REVENUE ACCOUNT.		QUANTITY.				RATE PER TON MILE.		RECEIPTS.		AVERAGE MILEAGE.	
Table and main head.	Sub-head.	1st half of 1870.		1st half of 1871.		1st half of 1870.	1st half of 1871.	1st half of 1870.	1st half of 1871.	1st half of 1870.	1st half of 1871.
		Up.	Down.	Up.	Down.	Pies.	Pies.	RS.	RS.		
X (I.) 1	...	GENERAL MERCHANDISE—									
		Special Class		...							
		1st	...	...	...	8	8	14,085	26,310	...	40
		2nd	...	...	...	12	12	87,074	65,907	...	54
		3rd	...	...	...	14	14	34,863	25,866	...	77
		4th	...	...	...	18	18	16,415	13,711	...	77
		5th	...	...	...	21	21	8,339	8,842	...	83
		Total...	9,893	25,141	9,473	36,552	...	1,65,722	1,45,259	62	...
		GOVERNMENT STORES									
		RAILWAY MATERIALS FOR CONSTRUCTION		...							
2	...	68		173							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
6	...	63		173							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
		...		...							
4	...	No.		No.		Rate per animal per mile.					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
5	...	174		101		Vide list attached		345	189	74	65
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					
		...		...		...					

TABLE C—(1).

Comparative Statement showing the Weight and Earnings of the principal commodities carried during the above half-years.

Description.		QUANTITY.		RECEIPTS.		Increase in Quantity.	Decrease in Quantity.	Increase in Receipts.	Decrease in Receipts.
		1st half, 1870.	1st half, 1871.	1st half, 1870.	1st half, 1871.				
		TONS.	TONS.	RS.	RS.	TONS.	TONS.	RS.	RS.
Peccants	...	1,811	1,060	7,377	4,977	...	251	...	2,400
Per and Wine	...	4	4	599	76	...	...	...	523
Both	...	244	1,262	6,110	6,110	...	...	703	...
otion	...	20	9	5,117	113	...	11	...	155
urry-stuff	...	479	466	33	18	...	13	...	123
irewood	...	29	2	5,893	5,630	...	27	...	263
ruits and vegetables	...	664	621	395	264	...	143	...	131
urniture	...	21	31	63,027	36,577	...	7	...	23,450
rain of all kinds...	...	17,359	14,923	12,984	19,632	...	12,405	...	6
ranite stones	...	965	13,370	32	26	...	3	...	417
ay and straw	...	16	9	6,772	6,355	...	8	...	17
ides	...	308	305	66	49	...	4	...	91
ndigo	...	9	6	112	21	...	26	...	1,113
ac-dye	...	9	87	1,741	628	...	...	...	...
etals	...	113	...	...	...	...	...	...	...

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Comparative Statement showing the Weight and Earnings of the principal commodities carried during the above half-years.—(Concluded.)

Description.	QUANTITY.		RECEIPTS.		Increase in Quantity.	Decrease in Quantity.	Increase in Receipts.	Decrease in Receipts.
	1st half, 1870.	1st half, 1871.	1st half, 1870.	1st half, 1871.				
	TONS.	TONS.	RS.	RS.	TONS.	TONS.	RS.	RS.
Oil and Ghee ...	393	335	5,523	5,812	83	.....	289	.....
Oil-cakes ...	515	2,819	2,362	6,801	2,304	.....	4,439	.....
Salt ...	2,941	6,151	15,615	18,402	3,170	351	2,757	2,637
Seeds of all kinds ...	1,533	1,182	14,205	11,563	.....	.....	98	211
Silks ...	.....	6	2	100	6	.....	.....	.....
Sugar ...	119	123	1,340	1,129	9	.....	171	5,464
Soap and ...	175	625	1,021	1,192	450	.....	.....	191
Sundries ...	1,476	2,169	15,350	9,886	713	213	1,091	.....
Timber ...	625	382	1,557	1,366	.....	.....	.....	.....
Tobacco ...	126	133	2,320	3,411	12	.....	.....	.....
Toddy ...	.....	.....	.....	.....	.....	.....	.....	.....
Treasure ...	.....	.....	.....	.....	.....	.....	.....	.....
Total...	29,417	46,025	1,66,021	1,45,259	20,126	3,519	16,319	37,084

TABLE D.
Statement of Mileage maintained.*

REFERENCE TO REVENUE ACCOUNT.		Details.	1ST HALF OF 1870.			1ST HALF OF 1871.						
Table and Main head.	Sub- head.		Depart- mentally	Ry Contract	Total.	Depart- mentally	Ry Contract	Total.	Total Increase	Total Decrease		
IX. (A.)		1.				168	...	168	...	...		
		2.	Mean miles of line main- tained {	...	...	...	...	...	...	...	...	
		3.		Total ...	168	...	168	168	...	168	...	...
		4.			...	...	...	...	...	...	...	
		5.		Sidings maintained, Total...	11½	...	11½	13½	...	13½	½	...
		6.	" Single Track Total including Sidings.	170½	...	170½	181½	...	181½	½	...	

• From Revenue Funds.

TABLE D—I.
Statement of Train Mileage.

Statement of Traffic Miles Run for

Details.		TRAIN MILES RUN FOR			HOURS OF			
No.	Reference to Revenue Account.	Traffic Department.	Locomotive Department.	Maintenance Department.	Assisting Engines.	Shunting, Piloting, etc.		Miscellaneous Services.
		XIV. 1.	XIV. 2.	XIV. 3.	XIV. 4.	XIV. 5.		XIV. 6.
					H. M.	H.	M.	H. M.
1	1st half, 1870 ... { Passenger. Goods ... Mixed ... } ...	120,248	.....	5,113	14 52	4,749	5	1,230 16
	Total...	120,248	.....	5,113	14 52	4,749	5	1,230 16
2	1st half, 1871 ... { Passenger. Goods ... Mixed ... } ...	121,801	.....	3,699	.....	4,991	54	1,199 38
	Total...	121,801	.....	3,699	.....	4,991	54	1,199 38
3	Increase in 1871 { Passenger. Goods ... Mixed ... } ...	1,553	.....	.....	.....	243	49	.....
	Total...	1,553	.....	.....	.....	243	49	.....
4	Decrease in 1871 { Passenger. Goods ... Mixed ... } ...			1,415	14 52			30 32
	Total...			1,415	14 52			30 32

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• TABLE E.
Maintenance of Way, Works, and Stations.
RAILS.

REFERENCE TO REVENUE ACCOUNT			1st HALF OF 1870.	1st HALF OF 1871.						
Table and Sub- Main head. head			Total.	Total.	Increase.	Decrease				
XIV.	...	Train Mileage (D—I. 1, page 6) Ton Mileage (M—I. 22, page 14.)	120,248 17,994,335	125,499 21,630,695	5,251 3,636,330	..... .....				
		Details.	1st HALF OF 1870. Total.	1st HALF OF 1871. Total. Increase Decrease			Per mile of line main- tained. D. 3.	Per mile of track includ- ing sid- ings. D. 5.	Per Train Mile.	Per 1,000 Ton Miles.
IX. (A.) I.	1 & 2 3 to 5 6	SUPERINTENDENCE—	RS.	RS.	RS.	RS.	RS.	RS.	AS.	RS.
		Engineers' salaries and al- lowances ...	1,570	3,291	1,721	.....	19 59	18 10	0 42	0 15
		Inspectors' and Platelayers' salaries and allowances, including overtime ...	4,651	4,953	302	.....	29 48	27 23	0 63	0 23
		Office Expenses ...	4,040	2,109	.....	1,931	12 56	11 60	0 27	0 10
	2	MAINTENANCE AND RENEWAL OF PERMANENT-WAY—								
		Wages ...	21,676	20,661	.....	1,615	119 41	110 30	2 56	0 93
		Materials ...	23,304	9,175	.....	14,129	54 61	50 45	1 17	0 42
	3	REPAIRS OF BRIDGES, ETC.— WAGES AND MATERIALS—								
		Bridges and Tunnels ...	662	15	.....	617	0 09	0 08	0 00	0 00
		Miscellaneous ...	1,250	659	.....	591	3 92	3 62	0 08	0 03
	4	REPAIRS OF STATIONS AND BUILDINGS—W A G E S A N D M A T E R I A L S —								
		Repairs of all, except Staff quarters ...	3,879	2,634	.....	1,225	15 68	14 43	0 34	0 12
		Repairs of Staff quarters ...	337	262	.....	75	1 56	1 44	0 03	0 01
	5	MAINTENANCE BY CONTRACT ...	.....	.....	.....	.....	.....	.....	.....	.....
	6	UNCLASSIFIED EXPENDITURE—								
Plantations ...		40	2,017	1,977	.....	12 00	11 09	0 26	0 09	
Tools and Plant ...		1,005	126	.....	879	0 75	0 69	0 01	0 01	
Loss on Stores, etc. ...		338	142	.....	196	0 85	0 78	0 02	0 01	
	Total...	62,732	45,444	4,000	21,288	270 50	219 86	5 79	2 10	

TABLE E—I.
Maintenance of Way.

[illegible]

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TABLE E-II. .
Maintenance of Way.
SLEEPERS.

Number.	Details.	Wood.					Iron.		
		Transverse.					Longitudinal S&I Sleeper, 10' X 5"	Oval Bowl Sleepers	Sabley's wrought-iron sub-way.
		Teak, 10' X 10" X 5"	S&I, 10' X 10" X 5"	Jungle, 10' X 9" X 5"	Ironwood, 10' X 10" X 5"	Total.			
1	Number of sleepers in way, including sidings ...	No.	No.	No.	No.	No.	LINE Y.	No.	LINE Y.
2	Average age of sleepers in way at the middle of the half-year ...	...	Not recorded.			143,728	...	...	...
3	Number renewed ...							7	...
4	Do. per cent. of (1)...					1,081 0 752	... ...	... ...	... ...

TABLE F.
Locomotive Department Expenses.

REFERENCE TO REVENUE ACCOUNT.			1st HALF OF 1870.	1st HALF OF 1871.						
Table and Main head.	Sub-head.		Total.	Total.	Increase.	Decrease.				
XIV.	...	Train Mileage (D—I, 1, page 6) ...	120,248	125,409	5,251	...				
		Ton Mileage (M—I, 22, page 14) ...	17,994,355	21,030,685	3,636,330	...				
		Details.	1st HALF of 1870.	1st HALF OF 1871.			Per Train Mile.			
			Total.	Total.	Increase.	Decrease.	Per 1,000 Ton Miles.			
IX. (B.) 1	1 & 2	GENERAL SUPERINTENDENCE—		RS.	RS.	RS.	RS.	AS.	RS.	
		Salaries of Locomotive Superintendents and Assistants, including allowances ...	2,098	2,565	467	...	0 83	0 12		
		Salaries of Foremen, including allowances and overtime ...	7,352	8,155	803	...	1 04	0 38		
		6	Office Expenses ...	2,395	2,725	330	...	0 35	0 13	
	2	1 & 2	RUNNING EXPENSES—							
			Wages of Drivers and Firemen, including overtime ...	18,222	16,148	...	2,074	2 06	0 75	
			Fuelling, cleaning, and looking after engines ...	1,424	1,720	296	...	0 22	0 09	
		4	Contingent Expenses ...	...	...	...	...	...	...	
	3	1	FUEL—							
			Coal ...	33,792	18,047	...	15,745	2 30	0 83	
			Coke ...	3,386	11,532	8,146	...	1 47	0 53	
			Patent Fuel ...	2,546	2,861	315	...	0 37	0 13	
	4	Wood ...	...	...	...	...	...	...		
4	1, 2 & 3	WATER ...	1,813	1,939	...	774	0 13	0 05		
5	...	OIL, TALLOW, ETC. ...	1,946	1,594	...	352	0 20	0 07		

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Locomotive Department Expenses.—(Concluded.)

REFERENCE TO REVENUE ACCOUNT.		Details.	1st HALF of 1870.	1st HALF of 1871.			Per Train Mile.	Per 1,000 Ton Miles.
			Total.	Total.	Increase.	Decrease.		
Table and Main head.	Sub-head.							
6 { 7 8	1 & 2 3	MAINTENANCE AND RENEWALS—	RS.	RS.	RS.	RS.	AS.	RS.
		Wages, including overtime ...	2,392	3,308	916	...	0.42	0.15
		Materials ...	7,247	6,333	...	914	0.80	0.29
		SERVICES OF OTHER LINES ...	...	...	...	...	...	...
		UNCLASSIFIED EXPENDITURE ...	...	...	...	...	...	...
		Total...	84,613	76,030	11,276	19,859	9.69	3.51
			Total quantity.	Total quantity.	Increase.	De-crease.	Quantity per Train Mile.	Quantity per 1,000 Ton Miles.
IX.(B.) 3 {	1 2 3 4	Coal consumed ...	TONS. 1,513	TONS. 970	TONS. ...	TONS. 543	lbs. 17.31	lbs. 100.45
		Coke do. ...	...	...	...	...	...	...
		Patent fuel consumed...	155	534	379	...	9.53	55.30
		Wood consumed ...	424	585	161	...	10.44	60.58

TABLE F—I.
Locomotive Power.

REFERENCE TO REVENUE ACCOUNT.		Description.	Passenger.	Goods.	Goods.	Tank.	Total.
Table and Main head.	Sub-head.						
...	...	Locomotives. { Wheels coupled... Weight on driving axle ... Total weight in steam, ex- clusive of tender ...	4 coupled. 9 tons. 23½ tons.	6 coupled. 10½ tons. 29½ tons.	4 coupled. 9½ tons. 23 tons.	4 coupled. 8 tons. 15 tons.	... ... ...
XII.	...	1.—Number of locomotives erected and made over to Locomotive Department ... 2.—Average number of locomotives constantly under repair ... 3.—Average number of locomotives at work (1—2) ... 4.—Train miles hauled by each class of locomotives at work (3) ... 5.—Average train miles hauled by each locomotive at work (3)— Per half-year ... Per day ... 6.—Average speed between stations of trains. { Passenger ... Goods ... Mixed ... 7.—Average through speed of trains. { Passenger ... Goods ... Mixed ... 8.—Weight of coal, etc., used per train mile ... 9.—Weight of wood used per train mile ... 10.—Average gross weight of the trains hauled by each class of locomotive ...	9 54,553 6,061 33 25 miles per hour. ... 20 miles per hour. 177 16.2 ...	6 ... Daily train engines. 56,624 9,437 52 Through mixed trains. 18 miles per hour. Through mixed trains. 15 miles per hour. 30.8 2.9 ...	4 ... 34,518 8,629 47 Local mixed trains. ... Local mixed trains. 17.1 3.5 ...	2 ... 9,759 4,679 27 9.8	21 6.98 9 155,454 29,006

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TABLE G.
Carriage and Waggon Expenses.

REFERENCE TO REVENUE ACCOUNT.		Details.	1st HALF OF 1870.	1st HALF OF 1871.				
Table and Main head.	Sub-head.		Total.	Total.	Increase.	Decrease.		
XIV.	...	Train Mileage (D—I. 1, page 6) ...	120,218	121,801	1,553	...		
		Coaching (M—I. 8, page 13) ...	837,781	772,026	...	65,755		
		Goods (M—I. 14, page 13) ...	1,124,126	1,079,466	...	44,660		
		Total...	1,961,907	1,851,492	...	110,415		
			1st HALF OF 1870.	1st HALF OF 1871.			Cost per Train Mile.	Cost per 1,000 Vehicle Miles.
			Total.	Total.	Increase.	Decrease.		
			Rs.	Rs.	Rs.	Rs.	As.	Rs.
IX (C) 1.	1 & 2	GENERAL SUPERINTENDENCE—						
	3 to 5	Salaries of Superintendents and allowances ...	233	346	113	...	0.05	0.19
	6	Salaries of Foremen and allowances, including overtime ...	619	835	216	...	0.10	0.46
		Office Expenses ...	211	357	146	...	0.05	0.29
	1 to 3	REPAIRS AND RENEWALS OF VEHICLES AND MACHINERY—						
		Coaching { Wages, including overtime ...	607	764	157	...	0.10	(a) 0.09
		Vehicles { Materials ...	2,384	1,548	...	836	0.20	(a) 2.00
	1 to 3	Goods { Wages, including overtime ...	928	1,313	385	...	0.17	(b) 1.23
		Vehicles { Materials ...	4,281	4,684	403	...	0.63	(b) 4.36
		CLEANING AND OILING—						
3	1	Labour, including wages of oilers, etc. ...	1,113	744	...	369	0.10	0.40
	2	Stores... ..	1,553	1,205	...	348	0.16	0.65
4	...	UNCLASSIFIED EXPENDITURE ...	...	1,319	1,319	...	0.17	0.70
		Total ..	11,929	13,115	2,739	1,553	1.73	11.15

TABLE H.
Traffic Expenses.

REFERENCE TO REVENUE ACCOUNT.		Details.	1st HALF OF 1870.	1st HALF OF 1871.				
Table and Main head.	Sub-head.		Total.	Total.	Increase.	Decrease.		
XIV.	...	Train Mileage (D—I. 1, page 6) ...	120,218	121,801	1,553	...		
		Coaching (M—I. 8, page 13) ...	837,781	772,026	...	65,755		
		Goods (M—I. 14, page 13) ...	1,124,126	1,079,466	...	44,660		
		Total...	1,961,907	1,851,492	...	110,415		

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Traffic Expenses.—(Concluded.)

REFERENCE TO REVENUE ACCOUNT.			Details.	1ST HALF OF 1870.	1ST HALF OF 1871.				
Table and Main head.	Sub-head.	Total.		Total.	Increase.	Decrease.	Cost per Train Mile.	Cost per 1,000 Vehicle Miles.	
				RS.	RS.	RS.	RS.	RS.	
IX. (D.) 1.	(1 & 3) a	SALARIES, WAGES, ETC.—							
	(2 & 4) a	General Superintendence, including travelling allowances	3,000	3,415	415	...	0.45	1.84	
		Office Establishment and Contingencies	584	566	...	18	0.08	0.36	
		Station staff	14,690	14,405	...	285	1.89	7.78	
	b	Train staff	2,807	2,768	...	39	0.36	1.49	
	c								
	2	1 to 3	FUEL, LIGHTING, WATER, AND GENERAL STORES	2,938	1,153	...	1,785	0.15	0.62
	3	...	CLOTHING	472	47	...	425	0.01	0.03
	4	...	PRINTING, STATIONERY, AND TICKETS	2,581	1,602	...	979	0.21	0.87
	5	...	CATTLE USED FOR TRAFFIC PURPOSES, AND DELIVERY AND COLLECTION OF GOODS	...	...	...	...	...	...
6	...	MISCELLANEOUS EXPENSES	105	248	143	...	0.03	0.14	
7	1	PAYMENTS TO OTHER LINES—	...	...	...	...	...	...	
		Hire of Vehicles	1,396	825	...	571	0.11	0.45	
		Mileage of Foreign Stock	6,250	6,018	...	232	0.79	3.25	
		Expensee at Joint stations	...	...	...	...	...	...	
8	...	UNCLASSIFIED EXPENDITURE	34,823	31,047	558	4,334	4.08	16.77	
		Total							

TABLE J.
General Charges.

REFERENCE TO REVENUE ACCOUNT.		Details.	1ST HALF OF 1870.	1ST HALF OF 1871.			
Table and Main head.	Sub-head.		Total.	Total.	Increase.	Decrease.	Cost per Train Mile.
			RS.	RS.	RS.	RS.	AS.
			11,781	7,970	...	3,811	1.05
IX. (E.) 1.	...	HOME EXPENDITURE					
		INDIAN MANAGEMENT—					
	1	Agent's Office, including travelling and other allowances ...	12,773	10,570	...	500	1.39
	2	Auditor's Office ditto. ...					
	3	Account's Office ditto. ...					1,703
	4	Paymaster's Office, ditto. ...					
	5	Store Department, ditto. ...					
	6	Medical Department, ditto. ...					
	7	Rents ...	1,509	632	...	877	0.08
	8-10	Contingencies, Stationery and Medicine ...	...	...	...	...	...
		POLICE (Total Charges)	15	37	22	...	0.01
	...	ADVERTISING	...	...	...	...	...
	...	ELECTRIC TELEGRAPH—	3,341	3,457	113	...	0.45
		Salaries, etc.	27	217	190	...	0.03
	1 to 4	Maintenance (labour and stores) ...	...	...	...	...	...
	5	CLEARING ACCOUNTS WITH OTHER LINES ...	...	...	...	...	...
	...	UNCLASSIFIED EXPENDITURE...	...	...	...	...	...
	...	Total...	29,449	24,586	325	5,188	3.23

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TABLE K.
Steam Boat Service.

REFERENCE TO REVENUE ACCOUNT.		Details.				1st HALF OF 1870.	1st HALF OF 1871.		
Table and Main head.	Sub-head.					Total.	Total.	Increase.	Decrease.
IX. (F) 1	...	Working Vessels	...	...	...	...	...	...	...
2	...	Repairs	...	...	...	...	...	...	...
3	...	Fuel	...	...	...	...	...	...	...
4	...	Miscellaneous Stores	...	...	...	...	...	...	...
5	...	Steam Traffic Agencies	...	...	...	...	...	...	...
6	...	Unclassified Expenditure	...	...	...	...	...	...	...
		Total...				...	...	...	...

TABLE L.
Special and Miscellaneous Expenditure.

IX. (G.) 1	...	LAW CHARGES ...	...	20	112	92	...
		COMPENSATION—					26
2 {	1	For Goods lost or damaged .	...	123	97	...	...
	2	Personal injury	...	...	...	...	...
	3	For other Claims	...	...	...	...	...
3	...	RATES AND TAXES ...	...	8,801	3,506	...	5,295
4 {		CONTRIBUTIONS TO SPECIAL FUNDS—					
	1	Fire Insurance Fund	...	5,000	5,000	...	...
	2	P. W. Renewal Fund	...	...	...	...	...
	3	Casualty Fund...	...	...	...	...	...
		Total...		13,944	8,715	92	5,321

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ANALYSIS OF CARRYING COST.

TABLE M.—I.

Definitions.		Approximate weight of units adopted in these calculations:—		Cwt.
The unit of Passenger Traffic		Coaching—(Concld.)		875
is—1 passenger plus free luggage.		A horse		...
is—1 carriage.		A dog		...
is—1 horse.		Goods—		500
is—1 ton.		A head of horned cattle		...
is—1 " "		A head of sheep, goats, etc.		0.50
is—1 " "				...
is—1 " "				...
is—1 " "				...
1	1st Class	...	...	...
2	2nd " "	...	...	...
3	3rd " "	...	...	...
4	4th " "	...	...	...
5	Carriage Trucks	...	...	...
6	Horse Boxes	...	...	...
7	Luggage Vans	...	...	...
7A	Post Office Vehicles	...	...	...
8	Total	...	...	...
9	Passenger Engines and Tenders.	...	...	...
10	Passenger Brake Vans	...	...	...
11	Total Coaching, Ton Mileage	...	...	...
12	Goods Vehicles	...	...	...
12A	Cattle Vans	...	...	...
13	Mineral Trucks	...	...	...
14	Total	...	...	...
15	Goods Engines and Tenders	...	...	...
16	Goods Brakes	...	...	...
17	Total Goods, Ton Mileage	...	...	...

TABLE M.-I.—(Concluded.)

Details.	Total Mileage of each description of Rolling Stock.	AVERAGE CONTENTS IN UNITS OF EACH VEHICLE.		Average weight of Rolling Stock in Tons.	Total average weight including contents of each Vehicle in Tons.	Tons of vehicles and freight per ton of freight.	TON MILEAGE.		TOTAL TON MILEAGE.
		No.	Weight in Tons.				Of Freight.	Of Dead weight.	
MISCELLANEOUS FOR STORES CAR- RIED FREE ON REVENUE ACCOUNT.									
18 For Traffic Department	8,785	13,1950	57750	18,9700	4.21	1,16,050	50,791	1,66,841	2,17,631
19 " Locomotive do.	7,803	1,4013	45000	5,9013	4.21	10,915	35,136	46,051	56,966
20 " Engineering do.						1,26,995	85,927	2,12,922	2,12,922
20 A. Total...	16,603								
20 B. Engines and Tenders	2,299		45,5233	6,1125			101,633		1,06,932
20 C. Brake Vans	223		6,1125				1,91,920		1,92,143
21 Total Miscellaneous, Ton Mileage...						3,405,243	13,235,412	11,400,791	21,630,635
22 Total Ton Mileage...									

* Not calculated. Fuel appears to have been principally carried in open goods trucks, and there is no separate record of the mileage of such trucks used for conveyance of fuel.

M-II.

Division between Coaching and Goods of the Expenditure of Departments.

Details.	Maintenance.	Locomotive.	Carriage and Wagon.	Traffic.	General.	SPECIAL AND MISCELLANEOUS.			Total.
						Permanent-way Renewal Fund.	Other items.		
Expenses due to Coaching	15,255	30,053	4,349	12,893	9,638		2,881		74,973
Do. to Goods	23,330	45,971	8,706	18,025	14,739		4,407		1,15,178
Total...	38,585	76,029	12,955	30,917	24,377		7,288		1,90,151

M-III.

Distributed cost of carrying the Vehicles of each class including freight.

Details.	First-class Carriages.	Second-class Carriages.	Third-class Carriages.	Fourth-class Carriages.	Carriage Trucks.	Horse Boxes.	Luggage Vans.	Post Office Vehicles.	Total Coaching Stock.	Goods Vehicles.	Cattle Vans.	Mineral Trucks.	Total Goods Stock.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Maintenance	1,141	1,196	10,663		65	475	1,715		15,255	23,230	100	23,330	23,330
Locomotive	2,248	2,356	21,012		127	986	3,379		30,053	45,774	197	45,971	45,971
Carriage and Wagon	314	321	2,915		23	125	531		4,349	8,659	47	8,706	8,706
Tr. Vlo	954	975	8,843		69	278	1,673		12,893	17,928	97	18,023	18,023
General	713	729	6,611		52	283	1,951		9,638	14,660	79	14,739	14,739
Special and P. W. Renewal Fund	213		1,976		16	84	374		2,881	4,883	24	4,907	4,907
Miscellaneous. { Other items													
Total...	5,533	5,795	52,620		352	2,990	8,943		74,973	1,14,634	544		1,15,178

AI-IV.

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Details.	First Class.	Second Class.	Third Class.	Fourth Class.	Carriage Trucks.	Horse Boxes.	Luggage Vans.	Post Office Vehicles.	Goods Vehicles.	Cattle Vans.	Mineral Trucks.
Maintenance	PIES. 3-83	PIES 3-93	PIES. 3-86	PIES.	PIES. 2-97	PIES. 4-03	PIES. 3-22	PIES.	PIES. 4-16	PIES. 3-32	PIES.
Locomotive	7-55	7-74	7-61	.....	5-87	7-94	6-35	.....	8-19	6-53	.....
Carriage and Wagon	1-05	1-05	1-05	.....	1-05	1-05	1-05	.....	1-55	1-55	.....
Traffic	3-20	3-20	3-20	.....	3-20	3-20	3-20	.....	3-20	3-20	.....
General	2-53	2-53	2-53	.....	2-53	2-53	2-53	.....	2-53	2-53	.....
Special and {P.W. Renewal Fund	0-71	0-71	0-71	.....	0-71	0-71	0-71	.....	0-79	0-79	.....
Miscellaneous {Other items	0-71	0-71	0-71	.....	0-71	0-71	0-71	.....	0-79	0-79	.....
Total...	18-87	19-16	18-96	.....	16-33	19-46	17-06	.....	20-42	17-93	.....
Cost per unit...	28-21	6-43	0-80	.....	8-51	13-33	94-53	.....	9-01	16-00	.....

IV-V.

Statement showing in comparison the receipts and the carrying cost per unit per mile of Coaching and Merchandize Traffic.

Details.		Average receipt per unit per mile.	Actual cost per unit per mile.	Profit per unit per mile.	Loss per unit per mile.	Proportion per cent. of profits to receipts.
COACHING—						
1st Class	...	PIES 17.87	PIES. 28.21	PIES. ...	PIES. 10.34	...
2nd "	...	6.13	6.43	...	0.30	...
3rd "	...	2.90	0.80	2.10	...	72.39
4th "	...	...	...	...	...	...
Carrriages	...	19.13	8.51	10.61	...	55.43
Horses	...	13.33	11.65	...	1.68	...
Luggage	...	74.44	94.52	...	20.08	...
Post Office Vehicles	...	...	...	...	...	...
Goons—						
Merchandise, including Government Stores and Railway materials	...	11.46	9.01	2.45	...	21.39
Cattle	...	5.56	16.00	...	10.44	...
Minerals	...	...	...	...	...	...

(Signed) C. J. SMITH, Captain, R.E.,
Deputy Consulting Engineer for Railways.

MADRAS,
15th January 1872.

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15th February 1872.*

No. VIII.

Statement of Revenue Account for the half-year ending 30th June

Dr.	...	...	...	...	Statement of Revenue Account for
Half-year ended 30th June 1870, Train Miles, 120,248.	RS.	A.	P.	Amount.	Earnings per Train Mile.
62,732 6 1	To Maintenance of Way and Works (Abstract A.)	...	...	...	...
84,612 11 8	Locomotive Expenses (Abstract B.) ...	...	...	...	...
11,928 12 1	" Carriage and Waggon Expenses (Abstract C.)	...	...	...	...
34,822 11 1	" Traffic Expenses (Ab- stract D.)	...	...	...	...
29,449 8 6	" General Charges (Ab- stract E.)	...	...	...	...
13,944 6 8	" Special and Miscella- neous (Abstract G.)	...	...	...	...
2,37,490 8 1	To Balance...	...	...	...	...
1,50,866 11 6	Total...	...	...	...	...
3,88,357 3 7					

3,88,357 3 7.

NEGAPATAM,
13th September 1871.

(Signed) J. SMITH,
Chief Auditor.

(Signed) S. M. JOHNSON,
Asst. Controller, D.P.W., Railway Branch.

(Signed) W. S. BETTS,
Agent and Traffic Manager.

(Signed) C. J. SMITH, Captain, R.E.,
Deputy Consulting Engineer for Railways.

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ABSTRACT A.

Maintenance of Way, Works, and Stations.

	RS.	A.	P.	RS.	A.	P.
SALARIES, OFFICE EXPENSES, AND GENERAL SUPERINTENDENCE...				10,353	3	0
Engineer's salary	3,092	12	0			
Allowances, including travelling expenses	198	7	3			
Subordinate Superintendents	4,202	15	0			
Allowances of do.	750	0	0			
Overtime allowances .....	.....					
Office expenses	2,109	0	9			
MAINTENANCE AND RENEWALS OF PERMANENT WAY ...	.....			29,236	2	7
Wages	20,061	0	6			
Materials	9,175	2	1			
REPAIRS OF BRIDGES, ETC.—WAGES AND MATERIALS ...	.....			673	15	4
Bridges	14	11	1			
Miscellaneous, including earthwork, roads, fencing, etc.	659	4	3			
REPAIRS OF STATIONS AND BUILDINGS—WAGES AND MATERIALS...	.....			2,895	12	7
Repairs of buildings of every description, including station yards and signals, but excepting quarters of staff	2,633	8	3			
Repairs of staff quarters	262	4	4			
UNCLASSIFIED EXPENDITURE ...	.....			2,284	7	0
Plantations .....	.....					
Tools and Plant	2,016	11	7			
Miscellaneous	125	9	11			
	294	10	0			
Less value of tools returned into stores	2,436	15	6			
	152	8	6			
Total...	.....			45,443	8	6
Miles maintained.	Departmentally.	By Contract.	Total.			
Railway Line { Double						
Single						
Sidings ...	168		168			
	13½		13½			
Total...			181½			

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ABSTRACT B.
Locomotive Expenses.

	RS.	A.	P.	RS.	A.	P.
GENERAL SUPERINTENDENCE ...				13,414	15	6
Salary of Locomotive Superintendent	2,267	5	8			
Allowances of do., including travelling allowances	297	9	8			
Subordinate Superintendents	7,586	4	5			
Allowances of do., including travelling allowances	497	12	3			
Overtime allowances	70	10	5			
Office expenses	2,725	5	1			
RUNNING EXPENSES .....	.....			17,868	3	9
Wages of Drivers and Firemen	13,804	3	0			
Overtime and allowances	2,344	4	0			
All labour connected with fueling, cleaning, and looking after engines in yards	1,719	12	9			
Contingent expenses, including clothing and travelling expenses .....	.....			32,442	13	8
FUEL ...	.....			18,046	11	0
Coal ... Tons. 970 Cwt. 17	11,531	12	1			
Patent fuel .. 534 .. 14	2,864	6	7			
Wood 585 .. 18 qrs. 1 .....	.....			1,039	3	4
WATER (including wages and stores) .....	.....			1,593	12	8
OIL, TALLOW, AND OTHER STORES (expended on engines in work) .....	.....			9,641	0	7
MAINTENANCE AND RENEWALS OF LOCOMOTIVE ENGINES AND MACHINERY .....	.....			3,220	14	4
Wages	86	13	0			
Overtime and allowances	6,333	5	3			
Materials .....	.....			76,030	1	6
Total...	.....					

ABSTRACT C.
Carriage and Waggon Expenses.

	RS.	A.	P.	RS.	A.	P.
GENERAL SUPERINTENDENCE ...	.....			1,537	15	4
Salary of Superintendent	323	14	5			
Allowances, including travelling	22	6	4			
Subordinate Superintendents	829	15	5			
Allowances of do., including travelling	0	4	6			
Overtime allowances	4	12	11			
Office expenses	356	9	9			
REPAIRS AND RENEWALS OF VEHICLES AND MACHINERY...	.....			8,309	5	5
Coaching Vehicles { Wages	763	11	4			
{ Overtime	0	10	6			
{ Materials	1,547	15	2	2,312	5	0
Goods Vehicles { Wages	1,280	5	0			
{ Overtime	32	10	10			
{ Materials	4,684	0	7	5,997	0	5

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Carriage and Waggon Expenses.—(Concluded.)

	RS. A. P.	RS. A. P.
CLEANING CARRIAGES AND WAGGONS, AND OILING		1,948 12 11
Labour, including wages of Oilers, Carriage Cleaners, and Examiners	743 13 9	
Oil, grease, and other stores	1,204 15 2	
UNCLASSIFIED EXPENDITURE ... ..	.....	1,319 4 3
Tools and Plant	345 0 11	
Proportion of workshop superintendence and miscellaneous stores expenditure chargeable to Revenue	974 3 4	
Total...	.....	13,115 5 11

ABSTRACT D.
Traffic Expenses.

	RS. A. P.	RS. A. P.
SALARIES, WAGES, ETC. ... ..	.....	21,153 11 0
General Superintendence... ..	3,981 5 6	
Assistant Traffic Manager	3,000 0 0	
Office establishment	564 2 0	
Travelling allowances	415 0 0	
Contingencies	2 3 6	
Station Staff	14,404 5 6	
Station Masters, Clerks, Porters, Pointsmen, Gatekeepers at level crossings, etc. ... ..	.....	
Train Staff	2,768 0 0	
Guards and Assistant Guards... ..	.....	
FUEL, LIGHTING, WATER, AND GENERAL STORES ... ..	.....	1,153 0 2
Fires, lights, water, and general stores for carriages, stations, offices, etc.... ..	970 15 2	
Waggon covers, ropes, etc.	8 13 0	
Office and station fittings and furniture	173 4 0	
CLOTHING ... ..	.....	46 12 0
PRINTING, STATIONERY, AND TICKETS... ..	.....	1,602 2 9
MISCELLANEOUS EXPENSES ... ..	.....	248 5 0
PAYMENTS TO OTHER LINES ... ..	.....	6,843 7 4
Mileage of foreign stock Expenses at joint station (Erode)	825 0 8	
	6,018 6 8	
Total...		31,047 6 3

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ABSTRACT E.
General Charges.

	RS. A. P.	RS. A. P.
HOME EXPENDITURE		7,970 7 0
Directors and Secretary, Auditors and Accountants	5,956 5 10	
Consulting Engineer and Inspecting Officers' fees and travelling allowances	1,585 4 8	
Office expenses	428 12 6	
SALARIES OF INDIAN MANAGEMENT, INCLUDING OFFICES ... ..	.....	12,904 8 9
Agency including Agent's Office, Audit, Accounts, and Medi- cal	RS. A. P. RS. A. P.	
Stores Department	10,473 8 11 96 6 4	
	1,703 1 6	
Contingencies, including furniture and fittings	12,273 0 9	
Stationery	313 3 0	
Medicines	254 3 2	
	64 1 10	
ADVERTISING ... ..	.....	36 9 0
ELECTRIC TELEGRAPH ... ..	.....	3,674 7 3
Salaries of Inspectors and Assistants	512 3 0	
Signallers	2,543 9 6	
Office expenses, contingencies, etc.... ..	401 6 0	
Maintenance, wages, and stores	217 4 9	
Total...	.....	24,586 0 0

ABSTRACT G.
Special and Miscellaneous Expenditure.

	RS. A. P.	RS. A. P.
LAW CHARGES		112 5 8
COMPENSATION—		96 10 10
For goods lost or damaged		3,506 2 9
RATES AND TAXES		5,000 0 0
CONTRIBUTION TO SPECIAL FUNDS		5,000 0 0
Fire Insurance Fund		8,715 3 3
Total...		8,715 3 3

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ABSTRACT H.
Coaching Traffic.

Mileage fares.	FIRST CLASS.		SECOND CLASS.		THIRD CLASS.		TOTAL.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
PASSENGERS—								
Single journeys ...	649	Rs. 3,443 9	4,260	Rs. 5,335 1	352,516	Rs. 1,78,395 6	357,425	Rs. 1,87,172 0 0
Excess fares ...	25	87 5	229	112 9	460	203 6	714	403 4 0
Return journeys...	...	...	...	...	40,694	8,659 1	40,694	8,659 1 0
Troops and Police ...	1	5 13	37	74 12	1,509	1,458 6	1,547	1,539 15 0
Total...	675	3,535 11	4,526	5,522 6	395,179	1,88,715 3	400,380	1,97,773 4 0
Season tickets...	1	100 0	...	...	...	...	1	100 0 0
Passengers' Luggage ...	...	...	...	...	...	...	Ton Miles. 7,293	1,821 2 0
Carriages, Horses, Dogs, etc.	...	...	...	...	...	...	...	3,012 13 0
Carriages	...	...	No. 109	Rs. 791 0 0	...	...	...	...
Horses	...	...	309	1,993 7 3	...	...	...	...
Dogs	...	...	305	228 6 0	...	...	...	...
Parcels	...	...	...	...	...	...	...	5,525 0 0
Special Trains	...	...	...	...	...	...	...	4,913 14 0
Troops	...	...	Train miles ... 163	Rs. 4,392 14 0	...	...	...	...
Public	...	...	201	531 0 0	...	...	...	...
Post Office Parcels	...	...	...	...	...	...	...	79 15 3
Total...	...	...	...	...	...	...	...	2,13,226 0 8

ABSTRACT I.
Goods Traffic.

MERCHANDISE GENERAL—	Rate per Ton per Mile.	Ton Miles.	Amount.	
			RS.	A. P.
1st Class	12 Pies.	1,171,766	65,907	3 6
2nd "	14 do.	355,850	25,366	0 0
3rd "	18 do.	143,839	13,711	0 0
4th "	24 do.	68,081	8,842	0 0
5th "	36 do.	30,565	5,123	0 0
Special	8 do.	6,64,950	26,310	0 0
RAILWAY MATERIALS FOR CONSTRUCTION	...	7,283	1,45,259	3 6
LIVE STOCK	...	...	237	11 0
RENTS AND DEMURRAGE, WHARFAGE, STORAGE, ETC.	...	...	189	2 0
Total...	...	...	237	10 4
Total...	...	...	1,45,923	10 10

Proceedings of the Madras Government, Public Works Department,
15th February 1872.

ABSTRACT K.
Sundries.

	Amount.
Interest on Revenue balances deposited with Government	RS. A. P. 1,108 15 7
Mileage of vehicles over foreign lines	152 7 8
Rents of dwelling-houses	1,923 6 3
Fees on share transfers, etc.	317 11 8
Sale of unclaimed and damaged goods	3 6 2
Sale of Revenue Stores	5,280 6 8
1. Maintenance	4,926 5 0
2. Locomotive	1 8 0
3. Carriage and Waggon	7 13 1
4. Traffic	129 9 3
5. General	205 3 4
Total...	8,786 6 0

FORM No. XIII.

Mileage Statement for the half-year ending 30th June 1871.

	MILES.
Lines owned by Company sanctioned not commenced under construction.	...
" " constructed and not worked by Company	...
" " " " and worked by Company	168
" " " " by others	...
Total...	168
Lines worked by Company	...
Its own	...
Foreign	...
Total...	168
Foreign lines worked over by Company	Nil

FORM No. XIV.

Statement of Train Mileage for the half-year ending 30th June 1871.

	No.	Estimated Locomotive Expenses.
Train miles run for Traffic Department	121,801	RS. 59,571
" " for Locomotive	3,698	1,808
" " for Maintenance	...	...
Total...	125,499	61,379
Hours of assisting engines	4,991 54	13,443
" of shunting, piloting, etc.	1,999 38	1,208
" of miscellaneous services	...	...
Total...	6,991 32	14,651
Total cost...	...	76,030

*Proceedings of the Madras Government, Public Works Department,
15th February 1872.*

FORM No. XVI.

GOVERNMENT FORM OF ACCOUNT.

Statement of Net Profits for the half-year ending 30th June 1871.

	RS.	A.	P.		RS.	A.	P.		RS.	A.	P.
To Balance outstanding as per last account ...	198	6	6	By payments to the Treasury during the half-year ...	3,88,705	7	2				
„ Earnings during the half-year as per Revenue Account ...	3,69,829	7	4	„ Interest on Revenue Balances...	1,108	15	7				
				„ Transfer fees received in England ...	317	11	8	3,90,132	2	5	
				Deduct payments made during January and February on account of outstandings belonging to previous half-years ...				38,949	12	6	
								3,51,182	5	11	
				By traffic earnings paid into Treasury during July and August ...				18,360	11	0	
								3,69,543	0	11	
				Balance, i.e., earnings unpaid to Government on 1st September ...				494	12	11	
				Government ...	103	3	11				
				Public Companies and traders ...	381	9	0				
Total...	3,70,027	13	10	Total...				3,70,027	13	10	

	RS.	A.	P.
Traffic receipts paid to Government as per above statement ...	3,69,543	0	11
Deduct working expenses as per Revenue Account ...	1,98,937	9	5

Balance being net profits for the six months... 1,70,605 7 6

NEGAPATAM,
14th September 1871.

(Signed) W. S. BETTS,
Agent and Traffic Manager.

(Signed) J. SMITH,
Chief Auditor.

(Signed) S. M. JOHNSON,
Assistant Contoller.
(Signed) C. J. SMITH, Captain, R.E.,
Deputy Consulting Engineer for Railways.

I HEREBY certify that the whole of the Company's permanent-way, stations, buildings, telegraph, fencing, etc., have during the past half-year been maintained in good working condition and repair.

TRICHINOPOLY,
1st July 1871.

(Signed) W. GRIFFITH,
Acting Resident Engineer.

*Proceedings of the Madras Government, Public Works Department,
15th February 1872.*

I HEREBY certify that the whole of the Company's plant, engines, tenders, carriages, waggons, machinery, and tools have during the past half-year been maintained in good working order and repair.

NEGAPATAM,
1st July 1871.

(Signed) E. G. SHEWARD,
Locomotive and Carriage Superintendent.

I HEREBY certify that the certificates given above by the Railway Officials are correct.

MADRAS, (Signed) H. L. PRENDERGAST, Major, R.E.,
29th September 1871. Acting Consulting Engineer for Railways.

List of Rates and Fares.

Troops and Police—Troops.—Officers on duty pay second-class fare for first-class accommodation, and Non-Commissioned Officers and Soldiers travel second class on payment of the lowest fare.

Police.—Policemen are conveyed on payment of the ordinary fares.
Special Trains.—Special trains are run at a charge of 3 Rupees a mile when consisting of an engine, a carriage, and brake-van only. When more accommodation than this is required, the extra passengers are conveyed at ordinary fares.

Cattle.—Cattle sent singly will be charged for at the rate of 1½ Annas per mile. Sheep in waggon loads of fifty or any less number, and cattle for slaughter in waggon loads of eight or less any number will be conveyed, as under:—

	Per Truck per Mile.
	RS. A P.
From 1 to 50 miles...	0 2 6
Do. 51 to 100 „ ...	0 2 3
Do. 101 to 150 „ ...	0 2 0
Do. 151 miles and upwards...	0 1 9

Sheep sent singly are charged for at the rate of 8 Annas for distances not exceeding 50 miles; 1 Rupee for distances from 51 to 100 miles, and 4 Annas additional for every 50 miles or portion of 50 miles above 100 miles. Dealers' horses are conveyed in waggons by "Goods" train at 3 Annas per mile per truck load of five or any less number.

*LIST OF MADRAS RAILWAY RATES AND DISTANCES FROM ERODE STATION.
For Goods.*

See "Great Southern of India Railway" and "Madras Railway Classification of Goods."

*Proceedings of the Madras Government, Public Works Department,
15th February 1872.*

Pr

For Parcels.

Distance.	10 lbs. and under.	11 to 20 lbs.	21 to 40 lbs.	41 to 80 lbs.	81 to 100 lbs.	101 to 125 lbs.	126 to 150 lbs.	151 to 200 lbs.	201 to 250 lbs.
1 to 50 miles ...	RS. A. 0 4	RS. A. 0 6	RS. A. 0 8	RS. A. 0 12	RS. A. 1 2	RS. A. 1 8	RS. A. 1 14	RS. A. 2 4	RS. A. 2 10
51 to 100 " ...	0 6	0 9	0 12	1 2	1 10	2 2	2 10	3 2	3 10
101 to 150 " ...	0 8	0 12	1 0	1 8	2 2	2 12	3 6	4 0	4 10
151 to 200 " ...	0 10	0 15	1 4	1 14	2 10	3 6	4 2	4 14	5 10
201 to 250 " ...	0 12	1 2	1 8	2 4	3 2	4 0	4 14	5 12	6 10
251 to 300 " ...	0 14	1 5	1 12	2 10	3 10	4 10	5 10	6 10	7 10
301 to 350 " ...	1 0	1 8	2 0	3 0	4 2	5 4	6 6	7 8	8 10
351 to 400 " ...	1 2	1 11	2 4	3 6	4 10	5 14	7 2	8 6	9 10

To

For Ice, Fish, Meat, and Vegetables.

Distance.	10 lbs. and under.	11 to 20 lbs.	21 to 40 lbs.	41 to 80 lbs.	81 to 100 lbs.	101 to 125 lbs.	126 to 150 lbs.	151 to 200 lbs.	201 to 250 lbs.
1 to 50 miles ...	RS. A. 0 3	RS. A. 0 5	RS. A. 0 6	RS. A. 0 9	RS. A. 0 12	RS. A. 0 15	RS. A. 1 2	RS. A. 1 8	RS. A. 2 0
51 to 100 " ...	0 5	0 6	0 8	0 12	0 15	1 2	1 5	1 14	2 7
101 to 200 " ...	0 8	0 9	0 12	1 2	1 4	1 7	1 10	2 7	3 0
201 to 300 " ...	0 9	0 12	0 15	1 5	1 8	1 11	1 14	3 0	3 11
301 to 400 " ...	0 11	0 15	1 2	1 8	1 13	2 0	2 2	3 0	4 4

Packages weighing more than 250 lbs. to be charged for in proportion to the rates for 250 lbs :—

For Passengers' Luggage.

First Class ...	...	...	...	...	82 lbs. free
Second, " ...	...	...	...	...	25 " "
Third " ...	...	...	...	...	15 " "

All luggage in excess of these quantities (whether in the owner's charge or not) 2 Pies per 82 lbs. per mile.

For Horses, Carriages, and Dogs.

1 Horse ...	...	...	...	1 1/2 Annas per mile.
2 Horses (if one property) ...	...	...	...	2 1/2 " per "
3 Horses (do.) ...	...	...	...	3 " per "
Four-wheeled carriage ...	...	...	...	2 1/2 " per "
Two " " ...	...	...	...	1 1/2 " per "
Palanquin ...	...	...	...	1 " per "

Dogs.

Distance.	RS. A. P.
1 to 50 miles ...	0 8 0 each
51 to 100 " ...	1 0 0 "
101 to 150 " ...	1 4 0 "
151 to 200 " ...	1 8 0 "
201 to 250 " ...	1 12 0 "
251 to 300 " ...	2 0 0 "
301 to 350 " ...	2 4 0 "
351 to 400 " ...	2 8 0 "

*Proceedings of the Madras Government, Public Works Department,
15th February 1872.*

No. 252. ORDER THEREON, 15th February 1872, No. 434.

RAILWAY, No. 26.

ORDERED that these papers be forwarded to the Government of India.

(Here enter No. 435, dated 15th February 1872.)

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Acting Consulting Engineer for Railways.

Exd. E. C. Shunker.

Proc

To B

Govt. of 1872

PUBLIC WORKS.

To

THE ACTING CONSULTING ENGINEER

Local Engineering Office

Recd.

G. O., 15th February 1872.

FEBRUARY.

No. 251-252

Revenue Account and Traffic Analysis
Passing orders on the latter field
Consulting Engineer for Railways
Submitting the Revenue Account and
Analysis of the Great Southern of India
Railway for the first half of 1871.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 15th February 1872.

No. 253.

No. 435.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

RAILWAY, No. 27.

SIR,—I am directed to forward
the Revenue Account and Analysis of
the traffic operations of the Great South-
ern of India Railway for the half-year ending 30th June 1871.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,

Secretary to Government.

Exd. E. C. Shunker.

Railway Department. Consulting Engineer's Office "
N: 22. " "

From, Captain C. J. Smith, R.E.,
Dy. Consulting Engineer for Railways.

To, Colonel J. Carpendale, R.E.,
Secretary to Government
Public Works Department
Fort Saint George.

Sir,

I have the honour to forward
the Revenue Analysis of the Great Southern
of India Railway for the half year
ending 30th June 1871.

2. The result of the working of
the line, is much the same, as in the
previous year; and the figures do not call
for any particular remarks.

3. The Coaching Traffic shows

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a slight falling off in receipts, chiefly in
the 3rd class; the receipts from Goods
have also fallen principally under the
item of grain of all kinds.

4. The working expenses have
however been a good deal reduced, and
the proportion of expenses to earnings has
been not more than 52 per cent.

I have the honour to be
Sir

Your most obedient servant
Madras J. C. Smith, Captain, R.E.,
15th January 1872
Dy. Comm. Engineer for Railways

17th Jan 1872
The Commr. of the
Railways
Madras

a slight fall in

P. W. 1372
 Jan 1872
 for 1st
 1/2 Secy to
 1/2 Secy to

Dec 1871
 11/22

Em 3
 Secy to
 for the half
 ending 30th

No 251

No 434-435-15

Great Southern of India Railway

TABLE A.

GENERAL STATEMENT of Working of half-year ending 30th June 1871.

PUBLIC TRAFFIC.		PASSENGERS OF TONS OF GOODS CARRIED.		EARNINGS.		Per-centage of total earnings contributed by each descrip- tion of traffic.
		Number.	Per cent. of total number and total tonnage.	Amount.	Per cent. of total earnings from Coaching and from Goods.	
COACHING.	1st Class ...	651	0.17	3636	1.70	0.98
	2nd " ...	4297	1.07	5322	2.59	1.49
	3rd " ...	294,719	98.76	188,715	88.50	51.03
	4th " ...	.	.	.	.	.
	Miscellaneous earnings	.	.	15,053	7.21	4.15
TOTAL...		299,667	100.0	2,13,226	100.0	
GOODS	Special ...	16,653	36.10	26310	18.03	7.8
	1st Class ...	21,770	47.21	65,907	45.17	17.82
	2nd " ...	4,612	10.00	25,366	17.38	6.86
	3rd " ...	1,850	4.00	13,711	9.40	3.71
	4th " ...	816	1.78	8,842	6.06	2.39
	5th " ...	324	0.71	5,123	3.57	1.39
	Railway Materials ...	93	0.20	238	0.16	0.06
	Minerals ...	.	.	.	.	.
	Miscellaneous earnings	.	.	427	0.29	0.12
	TOTAL...	46,118	100.0	1,45,924	100.0	100.0
Miscellaneous		.	.	10,679	.	2.89
Grand Total		.	.	3,69,829	.	100.00

	Coaching			Goods			Miscellaneous			Totals			Percentage of profits on paid up Capital
	Total	Per mile per week	Per ton per week	Total	Per mile per week	Per ton per week	Total	Per mile per week	Per ton per week	Total	Per mile per week	Per ton per week	
Earnings	Rs 2,13,226	1.12	49	Rs 1,45,924	1.32	33	Rs 10,679	1.15	3	Rs 3,69,829	1.17	84	
Expenses	Rs 75,556	0.72	17	Rs 1,16,293	1.03	27	Rs 7,288	0.78	1	Rs 1,98,937	1.10	45	65
Profits	Rs 137,670	1.21	32	Rs 29,631	0.29	6	Rs 3,391	0.37	1	Rs 1,70,892	1.07	39	
Percentage of expenses to Earnings	35	.	.	79	.	.	68	.	.	53	.	.	

(2)
TABLE A.—(Continued.)
GENERAL STATEMENT of Working of half-year ending 30th June 1871.

	Passenger.	Goods.	Mixed.	Total.
Number of trains run ...	.	.	1,661	1,661
Train mileage (D. I. 1, page 7) ...	.	.	121,801	121,801
Gross ton mileage (M. I. 22, page 16) ...	.	.	21,251,770	21,251,770

AVERAGE COMPOSITION OF TRAINS.				AVERAGE NUMBER OF VEHICLES.		AVERAGE NUMBER OF SEATS.		AVERAGE WEIGHT OF TRAINS.	
				Passenger trains.	Goods trains.	Mixed trains.	Provided.	Used.	Freight or live load.
									Dead load, exclusive of Engine and Tender.
									Tons.
PASSENGER	1st Class	...	...	.	.	0.47	.	0.31	Tons.
	2nd "	...	...	.	.	0.48	.	1.42	
	3rd "	...	...	.	.	1.35	.	112.54	6.85
	4th "	...	...	.	.	.	.	.	39.72
	Others including brakes	...	...	.	.	1.13	.	.	
GOODS. (Vehicles of all kinds including brakes).				.	.	8.98	.	20.07	51.09

OPEN MILEAGE ON 30 th June 1871.			Mean mileage worked during half-year.	Capital expended on open mileage, inclusive of Rolling Stock.	Cost per mile open.	TOTAL LENGTH OF THE FOLLOWING GRADIENTS:—			STEEPEST GRADIENTS WORKED BY			
Single.	Double.	Total.				$\frac{1}{100}$ and less.	$\frac{1}{101}$ to $\frac{1}{200}$	$\frac{1}{201}$ to $\frac{1}{300}$	Fixed power.		Locomotive.	
									Length.	Inclination.	Length.	Inclination.
				£	£	M. Ch.	M. Ch.	M. Ch.	M. Ch.		M. Ch.	
168	.	168	168	1399.720	8.332	3-46	9-11	11-08	Nil	Nil	1-0	11-1

(3)
TABLE B.
STATEMENT showing in comparison the Coaching Traffic of the half-years ending 30th June 1870 and 30th June 1871.

REFERENCE TO REVENUE ACCOUNT.		NUMBER.		FARE PER MILE.		RECEIPTS.		AVERAGE MILEAGE.	
Table and Main head.	Sub-head.	1 st Half 1870.	1 st Half 1871.	1 st Half 1870.	1 st Half 1871.	1 st Half 1870.	1 st Half 1871.	1 st Half 1870.	1 st Half 1871.
				Pies.	Pies.	Rs.	Rs.		
X. (H.) 1	...								
	1ST CLASS PASSENGERS—								
	Single Journey	549	649			3350	3443		
	Excess Fares	34	25			85	87		
	Return Journey	.	.			.	.		
	Season Tickets	.	.			.	.		
	Troops and Police	.	1			.	6		
	Total	549	650			3435	3536	67	58
	Season Tickets Total	.	1			.	100		
	2ND CLASS—								
	Single Journey	4223	4260			5357	5335		
	Excess Fares	217	229			119	112		
	Return Journey	6	.			4	.		
	Season Tickets	.	.			.	.		
	Troops and Police	64	37			122	75		
	Total	4293	4297			5603	5622	50	40
	Season Tickets Total	.	.			.	.		
	3RD CLASS—								
	Single Journey	311903	352516			182368	178395		
	Excess Fares	125	460			226	203		
	Return Journey	56860	40694			10497	8659		
	Season Tickets	.	.			.	.		
	Troops and Police	1519	1509			1382	1458		
	Total	420301	394719			194473	188715	29	30
	Season Tickets Total	.	.			.	.		

TABLE-C.—(1).

COMPARATIVE Statement showing the weight and earnings of the principal commodities carried during the above half-years.

(7)

TARLE D.

TABLE D.
Statement of mileage maintained.*

REFERENCE TO REVENUE ACCOUNT.		DETAILS.	1871. HALF OF 1870			1871. HALF OF 1871.				
Table and Main head.	Sub- head.		Depart- mentally.	By Contract.	Total.	Depart- mentally.	By Contract.	Total.	Total Increase.	Total Decrease.
IX. (A.)	...	1. } Mean miles { Single ..	168	.	168	168	.	168	.	✓
		2. } of line { Double...	.	.	.	.	.	.	.	✓
		3. } maintained. { Total ...	168	.	168	168	.	168	.	✓
		4. " Sidings maintain- ed, Total.	11 ³ / ₄	.	11 ³ / ₄	13 ⁷ / ₈	.	13 ⁷ / ₈	¹ / ₈	✓
		5. " Single Track To- tal including sidings.	179 ³ / ₄	.	179 ³ / ₄	181 ⁷ / ₈	.	181 ⁷ / ₈	¹ / ₈	✓

* From Revenue Funds.

TABLE D-I.
Statement of Train Mileage.

DETAILS.		TRAIN MILES RUN FOR			HOURS OF		
		Traffic Department.	Locomotive Department.	Maintenance Department.	Assisting Engines.	Shunting, Piloting, &c.	Miscellaneous Services.
		XIV. 1.	XIV. 2.	XIV. 3.	XIV. 4.	XIV. 5.	XIV. 6.
Reference to Revenue Account.							
1	2^d half, 1870 Passenger Goods Mixed	120,248		5,113	14-52	4749-5	1,230-10
	TOTAL	120,318		5,113	14-52	4749-5	1,230-10
2	2^d half, 1871 Passenger Goods Mixed	131,801		3,698		4,991-54	1,199-38
	TOTAL	131,801		3,698		4,991-54	1,199-38
3	Increase in 1871 Passenger Goods Mixed	1,553				342-49	
	TOTAL	1,553				342-49	
4	Decrease in 1871 Passenger Goods Mixed			1,415	14-52		30-32
	TOTAL			1,415	14-52		30-32

(8)

TABLE E.

Maintenance of Way Works and Stations.

RAILS.

REFERENCE TO REVENUE ACCOUNT.		HALF OF 1876		HALF OF 1877					
Table and Main head.	Sub-head.	Total.	Total.	Increase.	Decrease.				
XIV.	Train Mileage (D. I. G.) page 7	12,348	12,499	5361	.				
	Ton Mileage (M. I. 22, page 16)	77,435	24,685	368,330	.				
DETAILS.		HALF OF 1876	HALF OF 1877			Per mile of line maintained.	Per mile of Track including Sidings.	Per Train Mile.	Per 1,000 Ton Miles.
		Total.	Total.	Increase.	Decrease.	D. 3.	D. 5.		
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	As.	Rs.
IX. (A) 1	1 & 2 SUPERINTENDENCE—								
	Engineers' salaries and allowances ...	1570	3291	1721	.	19.59	12.10	0.42	0.15
	3 to 5 Inspectors' and Plate-layers' salaries and allowances, including overtime ...	4,651	14,153	302	.	24.48	97.23	0.62	0.23
	6 Office expenses ...	11,040	2,109	1931		12.56	11.60	0.27	0.10
2	MAINTENANCE AND RENEWAL OF PERMANENT WAY—								
	1 Wages ...	21,676	29,061			16.15	119.41	110.30	2.56
	2 Materials ...	23,304	9,775	14,129		51.61	50.45	1.17	0.42
3	REPAIRS OF BRIDGES, &c. WAGES AND MATERIALS—								
	1 Bridges & Tunnels ...	112	15	647		0.09	0.08	0.00	0.00
	2 Miscellaneous ...	1,250	159	591		3.93	3.62	0.08	0.03
4	REPAIRS OF STATIONS AND BUILDINGS : WAGES AND MATERIALS—								
	1 Repairs of all except Staff Quarters ...	3,859	2,634			15.68	11.48	0.21	0.12
	2 Repairs of Staff Quarters ...	337	212	75		1.56	1.44	0.03	0.01
5	MAINTENANCE BY CONTRACT—								
6	UNCLASSIFIED EXPENDITURE—								
	1 Plantations ...	40	2,017	1977		12.00	11.09	0.36	0.09
	2 Tools and Plant ...	1,005	126			0.75	0.69	0.01	0.01
	3 Loss on Stores, &c. ...	238	142			0.75	0.78	0.02	0.01
	TOTAL ...	62,732	45,411	4,000		212.88	270.50	249.86	5.79

(9)

TABLE E-I.

Maintenance of Way.

RAILS.

Number.	DETAILS.	Double-headed.	Bridge.	Flat-footed.	Others.	Total.
		lbs. per yard	lbs.	lbs.		lbs.
1	Miles of rail in way, including sidings ...	68 lbs. per yard				181 7/8 miles
2	Average age of rails in way at the middle of the half-year ...					
3	Rails inverted { Number ... Miles ...	88				
4	Proportion inverted per mile of (1) rail ...					
5	Rails renewed { Number ... Miles ...	14				
6	Proportion renewed per mile of (1) rail ...					
7	Average number of tons hauled over each kind of rail in the half-year...	Not recorded.				
8	Thousands of tons hauled on an average over each kind of rail during the average age of rails in way (2) ...					

TABLE E-II.
Maintenance of Way.
SLEEPERS.

Number.	DETAILS.	WOOD.					IRON.	
		Transverse.				Longitudinal Sal Sleeper 10" x 5"	Pairs of Oval Bowls 15 lbs.	Sibley's Wrought-iron Sub-Way.
		Teak 10' x 10" x 5"	Sal 10' x 10" x 5"	Jungle 10' x 9" x 5"	Iron-wood 10' x 10" x 5"	Total.	Linl. Yds.	No. Linl. Yds.
1	Number of sleepers in way, including sidings ...	No.	No.	No.	No.	143,728		
2	Average age of sleepers in way at the middle of the half-year ...	Not recorded.						
3	Number renewed ...					1,081		
4	Ditto. per cent. of (1)...					0.752		

(10)

TABLE F.

Locomotive Department Expenses.

REFERENCE TO REVENUE ACCOUNT.		1 st HALF OF 1870.		1 st HALF OF 1871.			
Table & Main head.	Sub-head.	Total.	Total.	Increase.	Decrease.		
XIV.	...						
	Train Mileage (D. I. 1, p. 7) ...	123,248	125,499	5,251			
	Ton Mileage (M. I. 22, p. 16) ...	77,413.56	21,306.55	3,636.330			
	DETAILS.	1 st HALF OF 1870.	1 st HALF OF 1871.			Per Train Mile.	Per 1,000 Ton Miles.
		Total.	Total.	Increase.	Decrease.		
GENERAL SUPERINTENDENCE—		Rs.	Rs.	Rs.	Rs.	As.	Rs.
1 & 2	Salaries of Locomotive Superintendents and Assistants, including allowances ...	2,048	2,565	1,167	.	0.33	0.12
3 to 5	Ditto of Foremen, including allowances and overtime ...	7,352	8,155	803	.	1.04	0.38
6	Office Expenses ...	2,395	2,725	330	.	0.35	0.13
RUNNING EXPENSES—							
1 & 2	Wages of Drivers and Firemen, including overtime ...	18,222	16,118	.	2,074	2.06	0.75
3	Fuelling, cleaning and looking after Engines ...	11,214	1,720	296	.	0.22	0.08
4	Contingent Expenses ...	.	.	.	.	.	.
FUEL—							
1	Coal ...	33,792	18,017	.	15,715	2.30	0.83
2	Coke ...	.	.	.	.	.	.
3	Patent Fuel ...	3,386	11,532	8,146	.	1.47	0.53
4	Wood ...	2,516	2,864	318	.	0.37	0.13
1, 2 & 3	WATER—	1,813	1,039	.	774	0.13	0.05
5	OIL, TALLOW, &c.—	1,946	1,594	.	352	0.20	0.07
MAINTENANCE AND RENEWALS—							
1 & 2	Wages, including overtime ...	2,392	3,308	916	.	0.42	0.15
3	Materials ...	7,247	6,333	.	914	0.86	0.29
7	SERVICES OF OTHER LINES—	.	.	.	.	.	.
8	UNCLASSIFIED EXPENDITURE—	.	.	.	.	.	.
TOTAL...		84,613	76,030	11,276	19,857	7.67	3.51
		Total Quantity.	Total Quantity.	Increase.	Decrease.	Quantity per Train Mile.	Quantity per 1,000 Ton Miles.
1	Coal consumed ...	1513	970	.	543	17.31	10.45
2	Coke do. ...	.	.	.	.	.	.
3	Patent Fuel consumed ...	155	534	379	.	9.53	55.30
4	Wood do. ...	424	585	161	.	10.44	1

IX. (B.) 3

(11)

TABLE F-1.
Locomotive Power.

REFERENCE TO REVENUE ACCOUNT.		DESCRIPTION.		Passenger.	Goods.	Tank.	TOTAL.
Table & Main head.	Sub-head.						
		LOCOMOTIVES...					
		Wheels coupled ...	4 Coupled	6 Coupled	4 Coupled	4 Coupled	
		Weight on driving axle ...	9 tons	10 3/4 tons	9 3/4 tons	8 tons	
		Total weight in steam, exclusive of tender ...	23 3/4 tons	29 3/4 tons	28 tons	15 tons	
XII.	...	1.—Number of Locomotives erected and made over to Locomotive Department ...	9	6	4	2	21
		2.—Average number of Locomotives constantly under repairs ...					6.88
		3.—Average number of Locomotives at work (1—2) ...					9
		4.—Train miles hauled by each class of Locomotives at work (3) ...	54,539	56,634	34,518	9,759	155,454
		5.—Average train miles hauled by each Locomotive at work (3) ...	6,061	9,487	8,629	4,879	29,066
		Per half-year ...	33	52	47	27	
		Per day ...					
		6.—Average speed between stations of trains.	Passenger ...	25 miles per hour			
			Goods ...		18 miles per hour		
			Mixed ...			Local mixed trains	
		7.—Average through speed of trains ...	Passenger ...	20 miles per hour		Through mixed trains	
			Goods ...				
			Mixed ...		15 miles per hour	Local mixed trains	
		8.—Weight of coal, &c., used per train mile ...		17.7	30.8	17.1	10.6
		9.—Weight of wood used per train mile ...		16.3	2.7	3.5	9.8
		10.—Average gross weight of the trains hauled by each class of Locomotive ...					

(12)

TABLE G.
Carriage and Wagon Expenses.

REFERENCE TO REVENUE ACCOUNT.		DETAILS.	HALF OF 1870.	HALF OF 1871.			
Table and Main head.	Sub-head.		Total.	Total.	Increase.	Decrease.	
XIV.		Train Mileage (D. I. 1, p. 7)	120,218	121,801	1,583	.	
		Coaching (M. I. 8, p. 16)	837,781	772,026	.	65,755	
		Vehicle Mileage. Goods (M. I. 14, p. 16)	124,126	1079,466	.	114,660	
		Total	1,982,125	1,867,493	.	114,660	
			HALF OF 1870.	HALF OF 1871.			
			Total.	Total.	Increase.	Decrease.	Cost per 1,000 Train Mile. Cost per 1,000 Vehicle Miles.
			Rs.	Rs.	Rs.	Rs.	As. Rs.
			GENERAL SUPERINTENDENCE—				
IX. (C) 1.	1 & 2	Salaries of Superintendents and allowances	233	316	113	.	0.05 0.19
	3 to 5	Salaries of Foremen and allowances, including overtime	619	835	216	.	0.10 0.46
	6	Office Expenses	211	357	146	.	0.05 0.20
			REPAIRS AND RENEWALS OF VEHICLES AND MACHINERY—				
2	1 to 3	COACHING VEHICLES. Wages including overtime	607	764	157	.	0.10 (a) 0.99
		Materials	2,384	1,848	.	836	(a) 2.00
1 to 3		GOODS VEHICLES. Wages, including overtime	928	1,313	385	.	0.17 (b) 1.22
		Materials	4,281	4,684	403	.	0.62 (b) 4.34
			CLEANING AND OILING—				
3	1	Labor, including wages of oilers, &c.	1,113	744	.	369	0.10 0.40
	2	Stores	1,553	1,205	.	348	0.16 0.45
4		UNCLASSIFIED EXPENDITURE	.	1,319	1,319	.	0.17 0.70
			TOTAL	11,929	13,115	2,739	1.73 11.15

(13)

TABLE H.
Traffic Expenses.

REFERENCE TO REVENUE ACCOUNT.		DETAILS.	HALF OF 1870.	HALF OF 1871.			
Table and Main head.	Sub-head.		Total.	Total.	Increase.	Decrease.	
XIV.		Train Mileage (D. I. 1, p. 7)	122,248	121,801	1,553	.	
		Coaching (M. I. 8, p. 16)	837,781	772,026	.	65,755	
		Vehicle Mileage. Goods (M. I. 14, p. 16)	124,126	1,079,466	.	44,660	
		Total	1,982,125	1,867,493	.	114,660	
			HALF OF 1870.	HALF OF 1871.			
			Total.	Total.	Increase.	Decrease.	Cost per 1,000 Train Mile. Cost per 1,000 Vehicle Miles.
			Rs.	Rs.	Rs.	Rs.	As. Rs.
			Salaries, Wages, &c.				
	(1 & 3)	General Superintendence, including travelling allowances	3,000	3,415	415	.	0.45 1.84
						18	0.08 0.30
IX. (D) 1.	(2 & 4)	Office Establishment and Contingencies	584	566	.	285	1.89 7.78
	b	Station Staff	14,690	14,405	.	39	0.36 1.49
	c	Train Staff	2,807	2,768	.	1785	0.15 0.62
2	1 to 3	FUEL, LIGHTING, WATER AND GENERAL STORES	2,938	1,153	.	425	0.01 0.08
3		CLOTHING	472	47	.	979	0.21 0.87
4		PRINTING, STATIONERY AND TICKETS	2,581	1,602	.	.	.
5		CATTLE USED FOR TRAFFIC PURPOSES, AND DELIVERY AND COLLECTION OF GOODS	.	.	.	.	.
6		MISCELLANEOUS EXPENSES	105	248	143	.	0.03 0.14
			Payable to OTHER LINES—				
	1	Hire of Vehicles	.	.	.	571	0.11 0.45
	2	Mileage of Foreign Stock	1396	825	.	232	0.79 3.25
	3	Use of Stations	6,250	6,018	.	.	.
8		UNCLASSIFIED EXPENDITURE	31,823	31,047	588	4,334	4.08 16.77

(14)
TABLE J.
General Charges.

REFERENCE TO REVENUE ACCOUNT.		DETAILS.	1 st HALF OF 1870.	1 st HALF OF 1871.				Cost per Train Mile.
Table and Main head.	Sub-head.		Total.	Total.	Increase.	Decrease.		
IX. (E.) 1		HOME EXPENDITURE	RS. 11781	RS. 7970	.	3811		AS. 1.05
		INDIAN MANAGEMENT—						
	1	Agent's Office, including travelling and other allowances		10570				1.39 ✓
	2	Auditor's Office, ditto.						
	3	Account's Office, ditto.						
	4	Pay Master's Office, ditto.	12773			500		0.23 ✓
	5	Store Department, ditto.		1703				
	6	Medical Department, ditto.						
	7	Rents						
	8-10	Contingencies, Stationery, and Medicine	1509	632		877		0.08 ✓
	3	POLICE (Total Charges)						
	4	ADVERTISING						
			15	37	22			0.01 ✓
		ELECTRIC TELEGRAPH—						
	5	Salaries, &c.						
	1 to 4	Maintenance (labour and stores)	3344	2457	113			0.45 ✓
		CLEARING ACCOUNTS WITH OTHER LINES	27	217	190			0.08 ✓
	7	UNCLASSIFIED EXPENDITURE						
		TOTAL	27449	24586	335	5185		3.23 ✓

(15)
TABLE K.
Steam Boat Service.

REFERENCE TO REVENUE ACCOUNT.		DETAILS.	1 st HALF OF 1870.	1 st HALF OF 1871.		
Table and Main head.	Sub-head.		Total.	Total.	Increase.	Decrease.
IX. (F.) 1	...	WORKING VESSELS—				
	2	REPAIRS—				
	3	FUEL— ✓				
	4	MISCELLANEOUS STORES—				
	5	STEAM TRAFFIC AGENCIES—				
	6	UNCLASSIFIED EXPENDITURE—				
		TOTAL				

TABLE L.
Special and Miscellaneous Expenditure.

IX. (G.) 1.		20	112	92	
...	LAW CHARGES—				
	COMPENSATION—	123	97		26 ✓
2	1 ~~Claims for Goods, &c. For Goods lost or damaged~~	"	"	"	" ✓
	2 Personal injury	"	"	"	" ✓
	3 ~~For other claims~~	881	3506		5295 ✓
3	RATES AND TAXES—				
	CONTRIBUTIONS TO SPECIAL FUNDS—	5000	5000		" ✓
4	1 Fire Insurance Fund	"	"	"	" ✓
	2 P. W. Renewal Fund	"	"	"	" ✓
	3 Casualty Fund				
	TOTAL	13944	8415	92	5321 ✓

ANALYSIS OF CARRYING COST.

(See Sketch Revenue Account, p.)

TABLE M.-I.

Definitions.		Approximate weight of units to be adopted in these calculations.	
1.—The unit of passenger traffic	is—1 passenger plus free luggage.	Coachman—	Cwt. 8 75
" " carriages	is—1 carriage.	1st Class Passenger with	A Horse ... 0 20
" " horses	is—1 horse.	free luggage ...	A Dog ...
" " luggage	is—1 ton.	2nd " " " ...	Gond—
" " goods	is—1 animal.	3rd " " " ...	A Head of horned
" " cattle		4th " " " ...	cattle. ... 5 00
		A carriage (average for	A head of sheep,
		2 and 4 wheels) ...	goats, &c. ... 0 50

Data for calculating the incidence of Carrying Cost per unit per mile for each class of Passenger Traffic and for Goods and Minerals.

[illegible]

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf from an old book. The paper has a slightly textured appearance with some minor discoloration and faint, illegible markings, possibly from a previous page or a watermark. The right edge of the page features a vertical strip of dark material, which appears to be the binding or a label. The overall tone is warm and historical.

Analysis of Carrying Cost

Table M.-I.

Definitions		Table M-I.	
The unit of passenger traffic is 1-passenger plus free luggage	Carrying approximate weight of units adopted in this calculation.		
Carriages is 1-carriage.	1st class passenger with free luggage—	1.75	out
Wheeled is 1-Wheeled	2nd	1.75	of horse.
Carriage is 1-Carriage	3rd	1.25	of dog.
Post Office Vehicles is 1—	4th	1.25	goods.
Goods is 1—		1.25	of head of horned cattle
Cattle is 1—		6.75	of head of sheep, goats, &c.

Tails.

[illegible]

Quaker

12/	Gasoline	1094672	2442836	1437	0.8874	2.5748	5.6810	7.9088	9.50	2442836	609533	85738	3658	18817458
12A/	Auto vans	5794	6529	1437	0.8874	2.5748	6.0635	6.9443	22.53	1632	35126	18817458	3658	18817458
13/	Mineral trucks													
14/	Total	109466							30.57	2443668	6194648	85738	3658	18817458
15/	Gasoline engines and tenders	92604					45.5233		"		4215.672			
16/	Goods trucks	14474					6.1125	6.1125			88474			
17/	Total Goods tow Milago									2443968	10438794			12082762
Miscellaneous for stores carried from previous account.														
18/	Post Traffic Department													
19/	Demotives	8795	116,050			13.1950	5.7750	18.9700	⊗	116,050	50791	166,841		
20/	Engineering	7818	10,945			1.4018	4.5000	5.9018	4.21	10,945	35136	45,081		
21/	Total	16,603							⊗	126,995	85,927	212,922		
22/	Engines and tenders	2299					45.5233				104,632			
23/	Auto vans	229					6.1125	6.1125			1961			
24/	Total Miscellaneous Tow Milago									126,995	191,920			318,915
25/	Total Tow Milago									3405243	18225442	144,400,791		21,680,685

Not Calculated. Fuel appears to have been principally carried in open grade Trucks, and there is no separate record of the mileage of such Trucks used for conveyance of fuel.

Division between Coaching and Goods of the Expenditure of Departments.

M-II.

Details	Maintenance	Locomotive	Carriage and wagon	Traffic	General	Special and Miscellaneous	Remuneration	Other Items	Total
Expenses due to Coaching	10,255	30,058	4,249	12,892	9,630				
Goods	20,230	45,971	8,706	18,025	14,739				24,973
Total	30,585	76,029	12,955	30,917	24,377				115,178
									190,157

M-III.

Distributed part of carrying the vehicles of each class including freight.

Details	1st class	2nd class	3rd class	4th class	Goods	Carriage	Locomotive	General	Special and Miscellaneous	Total
Maintenance	114	1196	2356	321	975	729	213	28	1976	213
Locomotive	224	356	321	975	729	213	28	1976	213	213
Carriage & Wagon	314	321	975	729	213	28	1976	213	213	213
Traffic	954	975	729	213	28	1976	213	28	1976	213
General	713	729	213	28	1976	213	28	1976	213	213
Special and Miscellaneous										
Other Items										
Total	5583	5795	52020	352	2230	2942				115178

M-IV.

Classified part of working over one mile a vehicle including its freight, also total cost of carrying over one mile a unit of each description of traffic.

Details	1st class	2nd class	3rd class	4th class	Carriage	Trucks	Locomotive	General	Special and Miscellaneous	Remuneration	Other Items	Total
Maintenance	3.83	3.93	3.86		2.97	4.03	3.22					
Locomotive	7.53	7.74	7.61		5.87	7.94	6.35					
Carriage & Wagon	1.05	1.05	1.05		1.05	1.05	1.05					
Traffic	3.20	3.20	3.20		3.20	3.20	3.20					
General	2.53	2.53	2.53		2.53	2.53	2.53					
Special and Miscellaneous												
Other Items												
Total	18.87	19.16	18.96		16.33	19.46	17.06					
Cost per Unit	38.21	6.43	0.80		8.57	13.33	94.52					

M-V.

Statement showing in comparison the receipts and the carrying cost per unit per mile of coaching and merchandizing traffic.

Details	Average receipt per unit per mile	Actual cost per unit per mile	Profit per unit per mile	Loss per unit per mile	Proportion percent of profit to receipts
Coaching					
1st class	17.87	28.21		10.34	
2nd class	6.13	6.43		0.30	
3rd class	2.90	0.80	2.10		72.39
4th class					
Carriages	19.13	8.57	10.61		55.40
Trucks	11.65	13.33		1.68	
Luggage	74.44	94.52		20.08	
Post Office vehicles					
Merchandise including	11.46	9.01	2.45		21.39
Post Office & Railway materials	5.56	16.00		10.44	
Cattle					
Minerals					

Head near
15th January
1892

Captain R.E.
Of Course: Eng. & for Railway

VI-M

Dr. No. 149.

Cr.

STATEMENT OF REVENUE Account for the half year ending 30th June 1871.

Great Southern of India Railway.

Dr. Cr.

Half Year ended 30th June 1870. Train Miles 1,20,243.

62,732 6 1 To Maintenance of Way & Works (A) 45,443 8 6 5.97

84,612 11 8 Locomotive Expenses (B) 76,030 1 6 9.99

11,928 12 1 Carriage & Wagon Expenses (C) 13,115 5 11 1.72

34,822 11 1 Traffic Expenses (D) 31,047 6 3 4.08

29,449 8 6 General Charges (E) 24,586 3 3 3.23

13,944 6 8 Special and Miscellaneous (G) 8,715 3 3 1.14

237,490 8 1 To Balance.. 1,98,537 9 3 26.13

1,50,866 11 6 22.45

3,88,357 3 7 48.58

Per centage of working expenses. 22.84 38.22 6.59 15.61 12.36 4.38 100.00

Per centage of Revenue. 12.29 20.56 3.55 8.39 6.65 2.36 53.80

Half Year ended 30th June 1870. 2,13,885 1,68,017 2,036 2,417

By Coaching Traffic. (II) 2,13,226 ... 8 28.01

Goods Do. (I) 1,45,923 10 10 19.17

Electric Telegraph Receipts ... 1,893 5 10 25

Sundry Do. (K) 8,786 6 ... 1.15

Amount. 3,69,829 7 4 48.58

Earnings per train Mile. Annas. 28.01 19.17 25 1.15

NEGAPATAM, 13th September 1871.

Chief Auditor. Assistant Controller D. P. W. Railway Branch.

Agent and Traffic Manager. Captain R.E.

Dep. Consulting Engineer for Railways.

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ABSTRACT A

Maintenance of Way, Works, and Stations.

	Rs.	A. P.	Rs.	A. P.
Salaries, Office Expenses, and General Superintendence	...	...	10,353	3...
Engineer's Salary	3,092	12...		
Allowances, including travelling expenses	198	7 3		
Subordinate Superintendents...	4,202	15...		
Allowances of Do.	750	...		
Overtime Allowances	...	...		
Office expenses	2,109	9		
Maintenance and Renewals of Permanent Way	...	...	29,236	2 7
Wages	20,061	6		
Materials	9,175	2 1		
Repairs of Bridges &c. Wages and Materials	...	...	673	15 4
Bridges	14	11 1		
Miscellaneous, including earthwork, roads, fencing &c.	659	4 3		
Repairs of Stations and Buildings. Wages and Materials	...	...	2,895	12 7
Repairs of Buildings of every Description including Station Yards, and Signals but excepting quarters of staff	2,633	8 3		
Repairs of Staff Quarters	262	4 4		
Unclassified Expenditure	...	...	2,284	7...
Plantations	2,016	11 7		
Tools and Plant	125	9 11		
Miscellaneous	294	10...		
Less value of tools returned into Stores	2,436	15 6		
	152	8 6		
Total.....	...	...	45,443	8 6

Miles Maintained.	Departmentally.	By Contract.	Total.
Railway Lines	...	...	...
Double	...	...	...
Single	168	...	168
Sidings	13 1/2	...	13 1/2
Total.....			181 1/2

ABSTRACT B Locomotive Expenses.

	Rs.	A. P.	Rs.	A. P.
General Superintendence	...	...	13,444	15 6
Salary of Locomotive Superintendent	2,267	5 8		
Allowances of do. including travelling allowances.	297	9 8		
Subordinate Superintendents...	7,586	4 5		
Allowances of do. including travelling allowances.	497	12 3		
Overtime allowances	70	10 5		
Office expenses...	2,725	5 1		
			17,868	3 9
Running Expenses	...	...		
Wages of Drivers and Firemen	13,804	3...		
Overtime and allowances	2,314	4...		
All labour connected with fuelling cleaning and looking after Engines in yards	1,719	12 9		
Contingent expenses including clothing and travelling expenses	...	...	32,442	13 8
Fuel	...	...		
Coal	18,046	11...		
Patent Fuel	11,531	12 1		
Wood	2,864	6 7		
			1,039	3 4
			1,593	12 8
			9,641	7
Water (including Wages and Stores)	...	...		
Oil, Tallow and other Stores expended on Engines in work	3,220	14 4		
Maintenance and Renewals of Locomotive Engines and Machinery	86	13...		
Wages	6,333	5 3		
Overtime and allowances	...	...		
Materials	...	...		
Total.....	...	...	76,030	1 6

ABSTRACT C Carriage and Wagon Expenses.

	Rs.	A. P.	Rs.	A. P.
General Superintendence	...	...	1,537	15 4
Salary of Superintendent	323	14 5		
Allowances, including travelling	22	6 4		
Subordinate Superintendents...	829	15 5		
Allowances of do. including travelling	4	12 11		
Overtime allowances	356	9 9		
Office Expenses	...	...		
			8,309	5 5
Repairs and Renewals of Vehicles and Machinery...	...	...		
Coaching Vehicles	763	11 4		
Wages	...	10 6		
Overtime	1,547	15 2	2,312	5...
Materials	...	...		
Goods Vehicles	1,280	5...		
Wages	32	10 10		
Overtime	4,684	...	5,997	...
Materials	...	...		
			1,948	12 11
Cleaning Carriages and Wagons and Oiling	...	...		
Labour including Wages of Oilers, Carriage cleaners and examiners	743	13 9		
Oil, Grease and other Stores	1,204	15 2		
			1,319	4 3
Unclassified Expenditure	...	...		
Tools and Plant	345	...		
Proportion of Workshop Superintendence and Miscellaneous Stores Expenditure chargeable to Revenue	974	3 4		
Total.....	...	...	13,115	5 11

ABSTRACT K
Sundries.

				Amount.		
				Rs.	A.	P.
Interest on Revenue Balances deposited with Government	...	...	...	1,108	15	7
Mileage of Vehicles over foreign lines	...	...	...	152	7	8
Rents of Dwelling Houses	...	...	...	1,023	6	3
Fees on Share Transfers &c.	...	...	...	317	11	8
Sale of unclaimed and damaged Goods	...	...	...	3	6	2
Sale of Revenue Stores	...	...	...	5,280	6	8
1 Maintenance	...	...	...	4,936	5	0
2 Locomotive	...	...	...	1	8	0
3 Carriage and Wagon	...	...	...	7	13	1
4 Traffic	...	...	...	129	9	3
5 General	...	...	...	205	3	4
Total				8,786	6	0

Form No. XIII.

Great Southern of India Railway.

MILEAGE STATEMENT for the half year ending 30th June 1871.

				Miles.
Lines owned by Company sanctioned not commenced	...	...	...	"
" Under construction	...	...	...	"
" Constructed and not worked	...	...	...	"
" " and worked by Company	...	...	...	168
" " " by others	...	...	...	"
Total				168

Lines worked by Company	...	...	...	...	"
[Its own	...	...	...	...	168
[Foreign	...	...	...	...	"
Total					168

Foreign lines worked over by Company ... Nil

Form No. XIV.

Great Southern of India Railway.

STATEMENT of Train Mileage for the half year ending 30th June 1871.

		No.	Estimated Locomotive Expenses
			Rs.
Train Miles run for Traffic Department	...	1,21,801	59,571
" Locomotive	...	3,698	1,808
" Maintenance	...		
Total		1,25,499	61,379
Hours of Assisting Engines	...	4,991.54	13,443
" Shunting, piloting &c.	...	1,999.38	1,208
" Miscellaneous Services	...		
Total		6,991.32	14,651
Total Cost			76,030

Great Southern of India Railway.

GOVERNMENT FORM OF ACCOUNT.

STATEMENT of Net Profits for the half-year ending 30th June 1871.

To	Rs.	A.	P.	By	Rs.	A.	P.
Balance Outstanding as per last Account...	198	6	6	Payments to the Treasury during the half year...	3,88,705	7	2
Earnings during the half year as per Revenue Account ...	3,69,829	7	4	Interest on Revenue Balances...	1,108	15	7
				Transfer Fees received in England	317	11	8
				Deduct payments made during January and February on account of outstandings belonging to previous half-years	...	...	...
				By Traffic Earnings paid into Treasury during July and August	3,51,182	5	11
					18,360	11	...
				Balance i. e. earnings unpaid to Government on 1st September	3,69,543	...	11
				Government	484	12	11
				Public Companies and Traders	103	3	11
					381	9	0
Rupees.....	3,70,027	13	10	Rupees	3,70,027	13	10

Traffic Receipts paid to Government, as per above Statement Rupees... 3,69,543 0 11
Deduct Working Expenses as per Revenue Account ... 1,98,937 9 5

Balance being net profits for the six months... 1,70,605 7 6

NEGAPATAM,
Chief Auditor Office,
14th September 1871.

[Signature]
Chief Auditor.

[Signature]
Assistant Controller.

[Signature]
Agent and Traffic Manager.

[Signature]
Captain R.C.
Sg. Cms. Eng. & for Railways

P. W. 24/1/71

I hereby certify that the whole of the Company's Permanent Way, Stations, Buildings, Telegraph, Fencing, &c., have during the past half-year been maintained in good working condition and repair.

Trichinopoly 1st July 1871 *[Signature]* W. Griffith
Acting Resident Engineer

I hereby certify that the whole of the Company's Plant, Engines, Tenders, Carriages, Waggon, Machinery, and Tools have during the past half-year been maintained in good working order and repair.

Negapatam 1st July 1871 *[Signature]* E. J. Sheward
Locomotive and Carriage Superintendent

I hereby certify that the Certificates given above by the Railway officials are correct.

29th September 1871 *[Signature]* H. L. Prendergast, Major, R.E.,
Acting Consulting Engineer for Railways

67
List of Rates and Fares.

Troops and Police - Troops - Officers on duty pay second-class fare for first class accommodation, and Non-Commissioned Officers and Soldiers travel second class on payment of the lowest fare.

Police - Policemen are conveyed on payment of the ordinary fare.

Special Trains - Special Trains are run at a charge of 3 Rupees a mile when consisting of an engine, a carriage and brake-van only. When more accommodation than this is required, the extra passengers are conveyed at ordinary fare.

Cattle - Cattle sent singly will be charged for at the rate of 12 annas per mile. Sheep in waggon loads of fifty or any less number, and cattle for slaughter in waggon loads of eight or less any number, will be conveyed as under:-

under

Per Truck per mile

From 1 to 50 miles	0	2	6
do 51 to 100	0	2	8
do 101 to 150	0	2	10
do 151 miles and upwards	0	2	12

Sheep sent singly are charged for at the rate of 8 Annas for distances not exceeding 50 miles, 1 Rupee for distances from 51 to 100 miles, and 14 Annas additional for every 50 miles or portion of 50 miles above 100 miles. Dealers' horses are permitted in waggons by Goods Train at 3 Annas per mile per truck load of five or any less number.

List of Madras Railway rates and distances from Erode Station
For Goods
See Great Southern of India Railway and Madras Railway Classification of Goods

For Parcels.

Distance

10 lbs and under 11 to 20 lbs 21 to 40 lbs 41 to 60 lbs 61 to 80 lbs 81 to 100 lbs 101 to 120 lbs 121 to 140 lbs 141 to 160 lbs 161 to 180 lbs 181 to 200 lbs 201 to 250 lbs

No. A. B. C. D. E. F. G. H. I. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. X. Y. Z.																		
1 to 50 miles	0	6	8	12	1	3	7	8	14	2	4	2	10					
51 to 100	0	6	9	12	1	2	1	10	2	3	2	10	2	2	3	10		
101 to 150	0	8	12	1	0	1	8	2	3	2	12	3	6	4	10	4	10	
151 to 200	0	10	0	15	1	14	1	14	2	10	3	6	4	2	14	14	5	10
201 to 250	0	12	1	2	1	8	2	4	3	2	4	0	4	14	5	12	6	10
251 to 300	0	14	1	5	1	12	2	10	3	10	4	10	3	10	6	10	7	10
301 to 350	0	1	8	2	0	3	0	14	2	5	14	6	17	8	8	10	10	10
351 to 400	1	2	1	11	2	4	3	6	4	10	5	14	7	2	8	6	7	10

For Fish, Meat, and Vegetables.

Distance

10 lbs and under 11 to 20 lbs 21 to 40 lbs 41 to 60 lbs 61 to 80 lbs 81 to 100 lbs 101 to 120 lbs 121 to 140 lbs 141 to 160 lbs 161 to 180 lbs 181 to 200 lbs 201 to 250 lbs

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 to 50 miles	0	3	5	6	9	12	0	15	1	3	1	8	2	0							
51 to 100	0	5	6	8	12	0	15	1	3	1	5	1	14	2	7						
101 to 200	0	8	9	12	1	2	1	4	1	7	1	10	2	7	3	0					
201 to 300	0	9	13	0	15	1	5	1	8	1	11	1	14	3	0	3	11				
301 to 400	0	1	15	1	2	1	8	1	13	2	0	3	2	3	9	4	4				

Packages

Packages weighing more than 250 lbs to be charged for in proportion to the rates for 250 lbs.

For Passengers' Luggage.

First Class _____ 82 lbs; free
 Second _____ 25 " "
 Third _____ 15 " "

All luggage in excess of these quantities (whether in the owner's charge or not) to be paid 82 lbs per mile.

For Horses, Carriages and Dogs.

One Horse _____ 12 Annas per mile.
 Two horses (if one property) _____ 24 " "
 Three horses _____ 36 " "
 Four wheel carriage _____ 24 " "
 Two _____ 12 " "
 Palanquin _____ 1 " "

Dogs.

1 to 50 miles _____ 8 o each
 51 to 100 - " _____ 1 0 0 "

101 to 150 miles	1	4	0	each
151 to 200 - "	1	8	0	"
201 to 250 - "	1	12	0	"
251 to 300 - "	2	0	0	"
301 to 350 - "	2	4	0	"
351 to 400 - "	2	8	0	"

1/100 of 100
 1/100 of 100

1. 10. 1911
 2. 10. 1911
 3. 10. 1911
 4. 10. 1911
 5. 10. 1911
 6. 10. 1911
 7. 10. 1911
 8. 10. 1911
 9. 10. 1911
 10. 10. 1911

O. W. 241/72.
 Pres. 15. 11/12 L. 12. 25. 11.

Public Works Department
 No. 434.
 Proceedings of the Madras Government
 Read the following

From
 The Dy Commr Genl
 for Railways

H. E. No. 22 of 15 January 1912

Ordered that these
 papers be forwarded
 to the Govt of India.
 H. E. No. 435 dated

To
 The Dy Commr Genl
 for Railways
 Dated 19/2/12

To
 The Secy to the Govt
 of India, P. W. D.

Sir,
 I am directed to
 forward the Revenue
 Account and Analysis
 of the traffic operations
 of the Great Southern
 of India Railway
 for

for the half year ending
30 June 1871.

ff. 18 Lant

Cp 241

Govt. of 1872 Madras.

PUBLIC WORKS.

To The Acting Comptroller
Engineer for Railways
& The Secretary to the Govt.
of India

Dated

Encl.

Encl. 3

G. O. 15th Feb 72, N 434-435.

Desp. 19/2/72 with 31

Cp of G.O. 434 of 1872

Nos. 257 @ 253

Revenue Account & Traffic
Analysis. Papering orders
to the effect from the Comptroller
for Railways submitting the
Rev. Acc. & Traffic Analysis
of the 4 S.D. for the
1st half of 1871.

Forwarded the Rev.
Acc. & Traffic Analysis
of the 4 S.D. for the 1st