1893 R+H/E

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Public Works (189()) Department.

RAILWAY BRANCH.

G.O., No. 1224-1230 E

DATED 27 October 1899

Proof 100 / 3 / 20 / 60 / 20

[Despatch Abstract.]

Capital and Revenue Accounts,
South Indian Railway

Ordered that the note by the Chief Auditor on the _____ for the half year ended the 30th June 1899 be forwarded to the Govt of India and to the Secretary of State.

—

Forwarding a copy of Proceedings Embodying the Chief Auditor's note on the Capital and Revenue Accounts, South Indian Railway, for the ~~current~~ half year ended the 30th June 1899.

[P. W. 26. 1,000—11-8-99.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

1229-30R.

DESPATCH

FOR SIGNATURE

OF

HIS EXCELLENCY THE GOVERNOR

AND

MEMBERS OF GOVERNMENT.

(With Original).

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

RAILWAY.

Government {1899} of Madras.

PUBLIC WORKS.

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G.O., Nos. 1229, 1230 Ry., 27th October 1899.

OCTOBER.

Capital and Revenue Accounts, South Indian Railway

Forwarding a copy of proceedings embodying the Chief Auditor's note on the —, for the half-year ended the 30th June 1899.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers :—

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 26th September 1899, No. 957.

Note by the Chief Auditor, South Indian Railway, on the Capital and Revenue Accounts for the half-year ending 30th June 1899.

CAPITAL.

Statement V.—The capital expenditure for the half-year amounted to Rupees 3,96,359, of which Rs. 1,46,652 was incurred on the purchase of land for the construction of a goods-yard at Madras beach, sanctioned by the Government of India in their No. 974 R.C. of 29th May 1899, Rs. 96,837 on account of the construction of the Negapatam-Nagore extension sanctioned in G.O. I. No. 1750 R.C., dated 11th November 1898, and Rs. 50,631 on "carriage and wagon" stock, due chiefly to the construction of third-class bogie carriages and tri-composite carriages sanctioned by G.O., No. 1052 Ry., dated 15th August 1898.

The outlay of Rs. 60,220 under stations and buildings was incurred on numerous works, the most important being the re-arrangement of Gudur station and an additional well and steam-pump at Negapatam.

2. *Statements VI and XVIII.*—The total capital outlay to the end of June 1899 including suspense accounts was Rs. 7,46,09,054 and excluding suspense accounts Rs. 7,25,83,329. The latter figures give on the total open mileage of 1,017·88, an average cost of Rs. 71,308 per mile.

REVENUE.

3. *General Results.*—The following table shows the general results of the working :—

—	First half of 1898.	First half of 1899.	Increase or Decrease.	Percentage of increase or decrease.
	MILES.	MILES.	MILES.	
Mean mileage worked	1,041·59	1,017·88	23·71	2·27
Train mileage	1,635,210	16,57,950	22,740	1·39
	NO.	NO.	NO.	
Average number of trains over the whole line daily in both directions	8·67	9·00	0·33	..
	RS.	RS.	RS.	
Gross earnings	43,49,055	41,93,338	1,55,717	3·58
Working expenses	23,10,950	22,98,137	12,813	0·55
Net Earnings ..	20,38,105	18,95,201	1,42,904	7·01
Percentage of working expenses to gross earnings ..	53·14	54·80	1·66	..
Percentage of net earnings on capital outlay including suspense	2·66	2·54	0·12	..

4. The gross earnings per mean mile worked per week averaged Rs. 158·45 against Rs. 160·59 and were realized at a cost of 54·80 per cent. against 53·14 per cent. during the corresponding period of 1898.

5. The net earnings with the adjustments shown in statement XIX give after deducting interest charges and the additional contribution to Provident Fund, a surplus of Rs. 6,77,304, of which the Company's share was Rs. 1,27,076 and Government's Rs. 5,50,228.

6. The contribution to the Provident Institution during the half-year was Rs. 57,231 as under :—

	RS.
Fifty per cent. of compulsory deductions charged to working expenses	13,203
Additional contribution as per surplus profits, statement XIX ...	44,028
Total ...	57,231

The additional contribution of Rs. 44,028 referred to above includes a provisional adjustment of Rs. 24,942, being the arrears for the two half-years of 1898 under the rules contained in G.O. I. No. 09 R.E., dated 24th January 1899.

7. *Gross Earnings.*—The following table shows the gross earnings for the two half-years :—

—	First half of 1898.	First half of 1899.	Increase or decrease in amount.	Percentage of increase or decrease.
	RS.	RS.	RS.	
Coaching	23,32,919	20,53,536	2,79,383	11·98
Goods	18,35,746	20,74,245	2,38,499	12·99
Electric telegraph	10,626	10,598	28	·26
Sundries	16,97,64	54,959	1,14,805	67·62
Total ..	43,49,055	41,93,338	1,55,717	3·58

8. *Abstract H—Coaching Traffic.*—The number of passengers carried in the various classes, including troops, police and season ticket holders and the earnings therefrom, compare as follows :—

—	First class.		Second class.		Third class.		Total.	
	Number.	Earnings.	Number.	Earnings.	Number.	Earnings.	Number.	Earnings.
		RS.		RS.		RS.		RS.
First half of 1898 ..	10,504	41,484	59,607	82,312	5,965,254	20,78,886	60,35,365	2,202,682
First half of 1899 ..	11,594	39,854	48,256	75,601	5,437,888	18,02,746	54,97,738	1,918,201
Increase	1,090	..	..	..	..	..	..	..
Decrease	..	1,630	11,351	6,711	527,366	2,76,140	5,37,627	2,84,481

9. The above table shows a decrease in the earnings under all classes and also in the number of second and third class passengers, with a small increase in the number of first-class passengers.

The decrease is general throughout the line, and is attributable to the plague precautionary measures adopted by Government, on account of which local festivals were very poorly attended. The transfer of the Nellore-Gudur section to the Bezwada-Madras Railway also accounts for a part of the decrease.

10. *Other Coaching Traffic.*—The fluctuations in other coaching traffic are shown in the following table :—

Sub-head.	Increase. RS.	Decrease. RS.
II. Passengers' luggage	...	3,947
III. Military baggage	...	213
IV. Carriages, horses, dogs, etc.	1,407	...
V. Military carriages, horses, etc.	...	115
VI. Parcels	3,007	...
VII. Special trains	...	2,523
VIII. Miscellaneous	303	...
IX. Post office	7,179	...
Total ...	11,896	6,798

11. *Abstract I—Goods Traffic.*—The following is a summary of the tonnage of goods lifted and the earnings therefrom as compared with the corresponding period of 1898:—

—	First half of 1898.		First half of 1899.	
	Quantity.	Earnings.	Quantity.	Earnings.
	TONS.	RS.	TONS.	RS.
Merchandise, general	364,813	17,36,263	398,240	19,89,481
Military stores	295	2,639	69	1,783
Railway materials for construction	52,438	8,621	30,233	9,821
Coal	20,381	24,639	30,032	32,933
Revenue stores	346,128	47,994	140,758	26,679
Other goods traffic	..	15,590	..	13,548
Total ..	784,055	18,35,746	599,332	20,74,245

12. *Merchandise, General.*—The traffic under this head shows the following results as compared with the corresponding period of 1898:—

	Increase.		Per cent.
Tonnage	33,427	or	9·16
Ton mileage	5,073,026	or	14·32
Earnings	253,218	or	14·58

13. The average rate charged per ton per mile was 9·43 pies against 9·41 pies in the corresponding period of 1898.

14. The increase was due chiefly to a larger volume of competitive traffic passing between the Southern Mahratta and South Indian Railways *viâ* Dharmavaram and to a great improvement in the receipts under rice and provisions.

15. *Railway materials for construction—Decrease of tons* 22,205 *and increase of Rs.* 1,200.—The increase in the amount earned was due to longer leads.

16. *Coal—Increase of tons* 9,651 *and Rs.* 8,294.—Under coal carried for the public there was a decrease of tons 643 and an increase of Rs. 3,938 and for the Locomotive Department, an increase of tons 10,346 and Rs. 4,405.

17. *Revenue stores—Decrease of tons* 205,370 *and Rs.* 21,315.—There was a large decrease in the quantity of ballast carried for the maintenance of the line and under "wood and patent fuel for the Locomotive Department."

18. The following table shows some of the principal commodities included above under the head of "merchandise, general" carried during the two half-years under comparison:—

—	First half of 1898.		First half of 1899.	
	Quantity.	Amount.	Quantity.	Amount.
	TONS.	RS.	TONS.	RS.
Catton, raw	8,932	56,535	9,892	72,472
Cotton, manufactured	8,924	98,709	8,864	1,01,812
Dyes and tans	5,624	49,601	7,558	68,587
Grain and pulse	86,070	3,10,829	91,193	3,75,328
Hides and skins	4,815	47,300	5,215	51,754
Jute	3,099	20,467	3,488	21,270
Metals	7,389	71,184	6,834	71,666
Oils	9,425	66,672	10,953	79,447
Oils-seeds	12,614	60,501	14,030	63,365
Provisions	12,452	72,560	17,126	1,24,796
Salt	29,818	1,07,982	30,098	1,08,691
Spices	8,714	75,877	10,206	92,063
Stone and lime	42,040	55,930	42,108	57,296
Sugar	27,286	1,59,808	31,144	1,85,313
Timber	28,519	48,820	35,254	55,887
Tobacco	3,701	21,996	4,502	27,799
All other articles of merchandise	56,629	3,60,750	64,101	3,83,427

19. *Cotton, raw—Increase of tons* 960 *and Rs.* 15,937.—The increase was in pressed cotton from the Southern Mahratta Railway and Trichinopoly to Madras, the cotton crop in the latter district being above the average.

20. *Dyes and tans—Increase of tons* 1,934 *and Rs.* 18,986.—The increase was chiefly under (7) "others" due to large quantities of avaram bark sent from the Southern Mahratta Railway to Madras, *viâ* Dharmavaram.

21. *Grain and Pulse—Increase of tons* 5,123 *and Rs.* 64,499.—Large quantities of "rice not in the husk" were sent from the South Arcot, Madura and Tanjore districts to the Tinnevelly district, where the crops were a partial failure and to Negapatam and Tuticorin for shipment to Colombo where the demand was large owing to favorable market prices. Rangoon rice was however not imported in such quantities as in the previous year owing to the demands in Southern India having been met by local supplies.

The traffic under "grain and pulse" from the Southern Mahratta Railway to Madras, Kumbakonam, Trichinopoly and the Southern districts was abnormal.

The increase in the amount under "rice in the husk" was due to the long lead from the South Arcot and Tanjore districts and Trichinopoly to the Tinnevelly district.

22. *Oils—Increase of tons* 1,528 *and Rs.* 12,775.—The increase was chiefly in kerosine oil from Madras and Pondicherry to the South Arcot, Tanjore and Southern districts.

23. *Oil-seeds—Increase of tons* 1,416 *and Rs.* 2,864.—There was a marked falling off of traffic under "til or jinjili" from Vellore and stations on the Southern Mahratta Railway to the Tanjore, Trichinopoly and Southern districts and from Tuticorin to Madura and Tinnevelly, owing to demands having been met locally. This decrease was more than counterbalanced by an increase under castor-oil seeds from the Pakala-Dharmavaram section and the Southern Mahratta Railway to Madras. The crop of castor-oil seeds in the Cuddapah district was exceptionally good.

24. *Provisions—Increase of tons* 4,674 *and Rs.* 52,236.—Nearly the whole of this increase was under the head "others" chiefly in tamarinds from the Pakala-Dharmavaram section, Chittoor, Erode and the Southern Mahratta Railway to the Tanjore, Trichinopoly and Southern districts.

25. *Spices—Increase of tons* 1,492 *and Rs.* 16,186. About Rs. 11,000 of this increase was in "chillies" from Madras to Pondicherry and to the South Arcot and Tanjore districts, large quantities having been consigned to Madras from the Kistna and Godavari districts *viâ* the Buckingham canal and the East Coast Railway, thus creating new traffic. There was also an increase of Rs. 6,000 under betel-nuts from the Southern Mahratta Railway to Madras *viâ* Dharmavaram.

26. *Sugar—Increase of tons* 3,858 *and Rs.* 25,505. The increase was principally in sugar, unrefined, due to large despatches of sugarcane, jaggery from Panruti and the Southern Mahratta Railway to Madras for shipment to Europe. There was also a small increase under "sugar, refined" from Nellikuppam, Panruti and Tinnevelly to Madras and stations on foreign railways.

27. *Timber—Increase of tons* 6,735 *and Rs.* 6,967.—The increase was in timber from Madras to Madura for building purpose and firewood from Manaparai, Vaiyampati and Ayyalur to the Madura and Tinnevelly mills.

28. *All other articles of Merchandise—Increase of tons* 7,472 *and Rs.* 22,677.—The increase was chiefly under coffee seeds and cotton seeds from the Southern Mahratta Railway to Madras and the Tanjore district *viâ* Dharmavaram.

29. *Abstract K.*—In the corresponding period of 1898 there were extraordinary earnings on account of hire of ballast trains recovered from the Bezwada-Madras and Peralam-Karaikkal Railways. The adjustment of the amount held in stock adjustment account to end of December 1897 was also made in the first half of 1898.

30. *Working expenses.*—The working expenses of the two half-years compare as under:—

——	First half of 1898.		First half of 1899.		Increase or decrease in amount.	Percentage of increase or decrease.
	Amount.	Percentage on gross earnings.	Amount.	Percentage on gross earnings.		
	Rs.		Rs.		Rs.	
Maintenance	4,63,737	10·66	4,23,633	10 10	40,104	8·65
Locomotive	8,43.098	19·39	9,10,167	21·71	67,069	7·96
Carriage and Wagon	2,56,386	5·89	2,28,568	5·45	27,818	10·85
Traffic	3,97,732	9·15	3,84,833	9·18	12,899	3·24
General Charges	3,10,841	7·15	2,99,583	7·14	11,258	3·62
Steam Boat Service	..	..	..	..	..	..
Special and Miscellaneous expenditure ..	39,156	0·90	51,353	1·22	12,197	31·15
Total ..	23,10,950	53·14	22,98,137	54·80	12,813	0·55

31. To admit of ready comparison being made, the proportionate expenditure under each minor head chargeable to the South Indian, Mayavaram-Mutupet, Pondicherry and the Peralam-Karaikkal Railways is shown in the annexed tables.

32. *Abstract A—Maintenance of way, works and stations.—Decrease Rs.* 40,104—

June 1898.					——	June 1899.				
Total.	Peralam-Karaikkal Railway.	Pondicherry Railway.	Mayavaram-Mutupet Railway.	South Indian Railway.		South Indian Railway.	Mayavaram-Mutupet Railway.	Pondicherry Railway.	Peralam-Karaikkal Railway.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.
1,13,703	174	405	3,134	1,09,990	I. General superintendence.	1,13,371	3,281	527	376	1,17,555
3,11,363	474	1,110	8,584	3,01,195	II. Maintenance and renewal of permanent-way.	2,63,847	7,636	1,225	876	2,73,584
38,147	57	136	1,052	36,902	III. Repairs of bridges, etc., wages and materials.	31,974	926	148	106	33,154
..	..	..	..	..	III-A Conservancy of rivers.	..	..	..	..	..
22,500	35	80	620	21,765	IV. Repairs of stations and buildings, wages and materials.	21,837	632	101	73	22,643
..	..	..	..	..	V. Maintenance by contract.	..	..	..	..	..
4,038	7	14	111	3,906	VI. New minor works.	5,297	153	25	17	5,492
30,862	47	110	851	29,854	VII. Unclassified expenditure.	23,979	694	111	80	24,864
5,20,613	794	1,855	14,352	5,03,612	Total ..	4,60,305	13,322	2,137	1,528	4,77,292
41,221	64	146	1,136	39,875	*Deduct*—Value of stores returned to stock.	36,672	1,061	170	122	38,025
4,79,392	730	1,709	13,216	4,63,737	Total ..	4,23,633	12,261	1,967	1,406	4,39,267

II. Maintenance and renewal of permanent-way.—Decrease Rs. 37,348.—The falling off in extraordinary and special outlay under "materials" is due to the greater portion of work on renewals with cast iron cushions and insertion of additional tiebars having been completed in the corresponding previous half-year. Ordinary renewals, however, showed an increase, chiefly due to the renewal of about 1½ miles of line with 40 lb. rails and 7½ miles with pyngadu sleepers.

III. Repairs of bridges, etc.—Decrease Rs. 4,928.—Ordinary expenditure under (1) "bridges and tunnels" was much less than in the corresponding period, while the extraordinary outlay an account of the cross-sleepering of 30 feet, 50 feet and 70 feet, etc., bridges was slightly in excess of that in the previous half-year.

VII. Unclassified expenditure—Decrease Rs. 5,875.—The decrease was chiefly under carriage of revenue stores and was due to the decreased transport of materials required for ordinary purposes.

33. The cost of maintaining a mile of single tract including sidings was Rs. 368·09 against Rs. 394·56 in the corresponding period of 1898.

34. *Abstract B.—Locomotive expenses—Increase Rs.* 67,069—

June 1898.					——	June 1899.				
Total.	Peralam-Karaikkal Railway.	Pondicherry Railway.	Mayavaram-Mutupet Railway.	South Indian Railway.		South Indian Railway.	Mayavaram-Mutupet Railway.	Pondicherry Railway.	Peralam-Karaikkal Railway.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.
64,921	99	231	1,790	62,801	I. General superintendence.	63,141	1,828	293	209	65,471
1,67,886	256	599	4,628	1,62,403	II. Running expenses.	1,59,238	4,609	739	528	1,65,114
3,54,772	538	1,265	9,780	3,43,189	III. Fuel	3,40,029	9,841	1,578	1,129	3,52,577
21,723	34	77	599	21,013	IV. Water	16,656	482	77	56	17,271
37,937	58	135	1,046	36,698	V. Oil, tallow and other stores.	30,035	869	140	100	31,144
2,06,820	316	737	5,701	2,00,066	VI. Maintenance and renewals of Locomotive engines.	2,75,149	7,963	1,277	914	2,85,303
4,713	7	17	130	4,559	VI-A. Maintenance and renewals of machinery, etc.	1,856	54	9	6	1,925
..	..	..	..	..	VII. New minor works. .	..	..	..	..	..
27	..	..	1	26	VIII. Payments to other lines.	..	..	..	..	..
19,643	31	70	541	19,001	IX. Unclassified expenditure.	30,719	889	143	102	31,853
8,78,388	1,339	3,131	24,214	8,49,704	Total ..	9,16,823	26,535	4,256	3,044	9,50,658
6,829	11	24	188	6,606	*Deduct*—Value of stores returned to stock.	6,656	193	31	22	6,902
8,71,559	1,328	3,107	24,026	8,43,098	Total ..	9,10,167	26,342	4,225	3,022	9,43,756

III. Fuel—Decrease Rs. 3,160.—There was a decrease of about Rs. 26,000, under "wood," the consumption being less than the corresponding period, and an increase of nearly Rs. 23,000 under "coal" partly owing to the enhanced rate of Rs. 12–15–1 per ton at which coal was obtained against Rs. 12–10–3 in the corresponding half-year.

V. Oil, tallow and other stores—Decrease Rs. 6,663.—Due to reduction in the cost and consumption of stores during the half-year under review.

VI. Maintenance and Renewals of Locomotive Engines—Increase Rs. 75,083.—There was an increase of about Rs. 1,46,000 under (1) wages and a decrease of about Rs. 67,000 under (3) materials. The write-back during the half-year of Rs. 86,725 being the amount of labour from April to December 1898 wrongly included under materials accounts for the increase to that extent under the former head and the decrease under the latter. Five "F" class engines were also replaced during the half-year in lieu of two sold to the Madras Harbour Trust Board and three condemned.

IX. Unclassified expenditure—Increase Rs. 11,718.—In the corresponding previous half-year the write-back of a debit in December 1897 was included on account of loss on sale of engine tenders.

35. The locomotive expenses per train mile were annas 8·78 against annas 8·25 and per engine mile annas 7·57 against annas 6·96.

36. *Abstract C—Carriage and Wagon Expenses.—Decrease Rs.* 27,818—

June 1898. Total.	Peralam-Karaikkal Railway.	Pondicherry Railway.	Mayavaram-Mutupet Railway.	South Indian Railway.	—	June 1899. South Indian Railway.	Mayavaram-Mutupet Railway.	Pondicherry Railway.	Peralam-Karaikkal Railway.	Total.
Rs. 21,640	Rs. 33	Rs. 77	Rs. 597	Rs. 20,933	I. General superintendence.	Rs. 20,978	Rs. 607	Rs. 97	Rs. 70	Rs. 21,752
..	..	..	..	..	II. Repairs and renewals of vehicles.	..	..	..	..	..
1,43,699	219	512	8,961	1,39,007	Coaching vehicles.	97,357	2,817	452	324	1,00,950
76,890	117	274	2,120	74,379	Goods vehicles ..	88,413	2,559	411	293	91,676
..	..	..	..	..	II-A Repairs and renewals of machinery, tools and plant.	711	21	3	2	737
22,691	35	81	625	21,950	III. Cleaning carriages and wagons, and oiling.	25,172	729	117	83	26,101
..	..	..	..	..	IV. New Minor Works.	214	6	1	1	222
4,029	6	15	111	3,897	V. Unclassified expenditure.	1,051	30	5	4	1,090
2,68,949	410	959	7,414	2,60,166	Total ..	2,33,896	6,769	1,086	777	2,42.528
3,908	6	14	108	3,780	*Deduct*—Value of stores returned to stock.	5,328	154	25	18	5,525
2,65,041	404	945	7,306	2,56,386	Total ..	2,28,568	6,615	1,061	759	2,37,003

II. Repairs and renewals of Vehicles.—Decrease Rs. 27,616.—Ordinary repairs to coaching vehicles were less and repairs of goods vehicles more than in the corresponding period.

37. The carriage and wagon expenses per train mile amounted to annas 2·21 against annas 2·51 and Rs. 7·27 per 1,000 vehicle miles against Rs. 7·81.

38. *Abstract D—Traffic Expenses.—Decrease Rs.* 12,899—

June 1898. Total.	Peralam-Karaikkal Railway.	Pondicherry Railway.	Mayavaram-Mutupet Railway.	South Indian Railway.	—	June 1899. South Indian Railway.	Mayavaram-Mutupet Railway.	Pondicherry Railway.	Peralam-Karaikkal Railway.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	I. Salaries wages, &c.—	Rs.	Rs.	Rs.	Rs.	Rs.
52,925	80	189	1,459	51,197	(*a*) General superintendence.	54,710	1,583	254	182	56,729
1,83,048	279	653	5,046	1,77,070	(*b*) Station staff ..	1,75,029	5,066	812	581	1,81,488
43,412	66	155	1,197	41,994	(*c*) Train staff ..	41,743	1,208	194	139	43,284
55,674	85	198	1,535	53,856	II. Fuel, lighting, water and general stores.	45,789	1,325	213	152	47,479
2,957	3	11	82	2,861	III. Clothing ..	3,394	98	16	11	3,519
60,450	93	215	1,666	58,476	IV. Printing, stationery and tickets.	55,416	1,604	257	184	57,461
6	..	..	..	6	V. Charges for delivery and collection of goods	..	..	..	..	..
2,655	5	9	73	2,568	VI. Miscellaneous expenses.	1,366	40	6	5	1,417
7,770	12	28	214	7,516	VII Payments to other lines.	7,831	227	36	26	8,120
2,451	3	9	68	2,371	VIII. Unclassified expenditure.	2	..	..	..	2
4,11,348	626	1,467	11,340	3,97,915	Total ..	3,85,280	11,151	1,788	1,280	3,99,499
189	..	1	5	183	*Deduct*—Value of stores returned to stock.	447	13	2	2	464
4,11,159	626	1,466	11,335	3,97,732	Total ..	3,84,833	11,138	1,786	1,278	3,99,035

The only important variation in this abstract is a decrease of Rs. 8,067 under "II. Fuel, Lighting, Water and General Stores" chiefly due to the transfer of the Nellore-Gudur section to the Bezwada-Madras Railway, to a reduction of the train

mileage on the Pakala-Dharmavaram section and to the reduction in the cost and consumption of oil at several stations.

39. The charges for station and train staff, the tonnage of goods lifted and the ton miles of goods carried compare as follows :—

—	First half of 1898.	First half of 1899.	Increase or Decrease.	Percentage of increase or decrease.
Tonage of goods	TONS. 784,055	TONS. 599,332	TONS. 184,723	23·56
Ton miles of goods	TON MILES. 41,436,198	TON MILES. 45,385,135	TON MILES. 3,948,937	9·53
Station staff	Rs. 1,77,070	Rs. 1,75,029	Rs. 2,041	1·15
Train staff	41,994	41,743	251	0·60

40. The total cost of the department averaged annas 3·71 against annas 3·89 per train mile in the corresponding previous half-year.

41. *Abstract E—General Charges.—Decrease Rs.* 11,258—

June 1898. Total.	Peralam-Karaikkal Railway.	Pondicherry Railway.	Mayavaram-Mutupet Railway.	South Indian Railway.	—	June 1899. South Indian Railway.	Mayavaram-Mutupet Railway.	Pondicherry Railway.	Peralam-Karaikkal Railway.	Total.
Rs. 44,300	Rs. 68	Rs. 158	Rs. 1,221	Rs. 42,853	I. General Administration.	Rs. 40,876	Rs. 1,183	Rs. 190	Rs. 136	Rs. 42,385
42,011	64	150	1,158	40,639	I-A. Government Supervision, Audit and Control.	39,823	1,153	185	132	41,293
1,53,147	234	545	4,222	1,48,146	II. Salaries of Indian management including offices.	1,40,321	4,061	652	466	1,45,500
22,124	33	79	610	21,402	III. Police	20,668	598	96	69	21,431
749	1	3	20	725	IV. Advertising ..	948	28	4	3	983
59,701	90	213	1,646	57,752	V. Electric telegraph ..	56,725	1,641	263	189	58,818
..	..	..	..	..	VI. Clearing accounts with other lines.	..	..	..	..	..
18	..	..	1	17	VII. Unclassified expenditure.	321	9	2	1	333
3,22,050	490	1,148	8,878	3,11,534	Total ..	2,99,682	8,673	1,392	996	3,10,743
716	..	3	20	693	*Deduct*—Value of stores returned to stock.	99	2	1	1	103
3,21,334	490	1,145	8,858	3,10,841	Total ..	2,99,583	8,671	1,391	995	3,10,640

The differences in the several sub-heads are small and call for no remarks.

42. *Abstract G—Special and Miscellaneous Expenditure.—Increase Rs.* 12,197—

June 1898. Total.	Peralam-Karaikkal Railway.	Pondicherry Railway.	Mayavaram-Mutupet Railway.	South Indian Railway.	—	June 1899. South Indian Railway.	Mayavaram-Mutupet Railway.	Pondicherry Railway.	Peralam-Karaikkal Railway.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.
205	..	1	5	198	I. Law charges ..	131	4	1	..	136
843	1	3	23	816	II. Compensation ..	808	25	4	3	840
12,020	19	43	331	11,627	III. Rates and taxes ..	15,038	459	73	53	15,623
66	..	..	2	64	IV. Payments to other lines.	20,017	611	98	70	20,796
..	..	..	..	..	V. Prizes for station gardens	..	..	..	..	..
12,252	19	43	338	11,852	VI. Contribution to Provident Institution.	12,708	388	62	45	13,203
15,092	23	54	416	14,599	VII. Miscellaneous ..	2,651	81	13	9	2,754
40,478	62	144	1,116	39,156	Total ..	51,353	1,568	251	180	53,352

IV. Payments to other lines—Increase Rs. 19,953.—The increase was principally in the mileage and demurrage paid to the Southern Mahratta Railway during the half-year under review.

Rent of stations jointly occupied.—The net result being a debit is a charge to working expenses, whereas in the corresponding period of 1898 the receipts exceeded the payments and were therefore shown as earnings under abstract K.

VII. Miscellaneous—Decrease Rs. 11,948.—Chiefly due to the temporary inclusion of about Rs. 11,000 on account of the Erode-Nanjangod Railway Survey in the corresponding half-year of 1898.

43. *Statement of train mileage, Form No. XIV.*—The miscellaneous engine mileage 265,142 was 15·99 per cent. of the total train mileage 1,657,950 against 18·54 per cent. in the corresponding period of 1898.

44. *Statement of outstanding earnings, Form No. XVI.*—The earnings outstanding on the date of the preparation of the statement were Rs. 13,320–14–9, of which Rs. 566 have since been recovered and steps have been taken for the recovery of the balance.

Order—No. 1229 Ry., dated 27th October 1899.

Ordered that the note by the Chief Auditor on the Capital and Revenue Accounts of the South Indian Railway for the half-year ended the 30th June 1899, be forwarded to the Government of India and to the Secretary of State in continuation of G.O., No. 1120 Ry., dated 9th October 1899.

[Here enter No. 1230 Ry., dated 27th October 1899.]

(True Extract.)

Francis J. E. Spring,
Secretary.

To the Agent, South Indian Railway.
" Examiner, Guaranteed Railway Accounts, Madras.
" Consulting Engineer for Railways.

Endorsement—No. 1230 Ry., dated 27th October 1899.

Forwarded.

(By order.)

Francis J. E. Spring,
Secretary.

Exd. T. K. Narayana Aiyangar.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

(Copy.)

Letter to the Right Honourable the Secretary of State for India.

No. $\frac{21}{1229\ \text{Ry.}}$, dated 27th October 1899.

Forwarding a copy of Proceedings embodying the Chief Auditor's note on the Capital and Revenue Accounts, South Indian Railway, for the half-year ended the 30th June 1899.

No. $\frac{21}{1229\ \text{Ry.}}$, 27TH OCTOBER 1899.

PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONOURABLE THE SECRETARY OF STATE FOR INDIA.

MY LORD,

In continuation of our despatch No. $\frac{16}{1120}$ Ry., dated 9th October 1899, we have the honour to forward, herewith, a copy of our Proceedings, No. 1229 Ry., dated 27th October 1899, embodying a note by the Chief Auditor on the Capital and Revenue Accounts of the South Indian Railway for the half-year ended the 30th June 1899.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) A. E. HAVELOCK.

(,,) A. T. ARUNDEL.

(,,) H. M. WINTERBOTHAM.

FORT ST. GEORGE,
27th October 1899.

Print.

Note by the Chief Auditor South Indian Railway on the Capital and Revenue Accounts for the Half year ending 30th June 1899.

38

2P

South Indian Railway.

Note by the Chief Auditor, South Indian Railway on the Capital and Revenue accounts for the half year ending 30th June 1899.

Capital

Statement V.

The Capital expenditure for the half year amounted to Rs 3.96.359 of which Rs 146652 was incurred on the purchase of land for the Construction of a goods yard at Madras Beach, sanctioned by the Government of India in their No 974. R.C. of 29th May 1899. Rs 96837 on account of the Construction of the Negapatam Nagore extension sanctioned in G.O.I. No 1750. R.C. dated 11th November 1898 and Rs 50631 on "Carriage and wagon" stock due chiefly to the Construction of 3rd class bogie Carriages and bicomposite Carriages sanctioned by G.O. No 1052. Rydated 15th August 1898.

The outlay of Rs 60220 under Stations and Buildings was incurred on numerous works, the most important being the re-arrangement of Gudur station and an additional well and steam pump at Negapatam.

2/ Statements VI and XVIII.

The total Capital outlay to the end of June 1899 including suspense accounts was Rs 74609054 and excluding suspense accounts Rs 72583329. The latter figures give on the total open miles of [illegible]

Revenue.

3/ ## General Results.

The following table shows the general results of the working:—

	First Half of 1898	First Half of 1899	Increase or Decrease	Percentage of Increase or Decrease.
	Miles	Miles	Miles	
Mean mileage worked	1041·59	1017·88	23·71	2·27
Train mileage	1635210	1657950	22740	1·39
	No.	No.	No.	
Average number of trains over the whole line daily in both directions	8·67	9·00	0·33	-
	Rs	Rs	Rs	
Gross earnings	4349065	4193338	155717	3·58
Working expenses	2310960	2298137	12813	0·55
Net Earnings.	2038105	1895201	142904	7·01
Percentage of working expenses to gross earnings.....	53·14	54·80	1·66	-
Percentage of net earnings on capital outlay including suspense	2.66	2·54	0·12	-

4/ The gross earnings per mean mile worked per week averaged Rs 158·45 against Rs 160·59 and were realized at a cost of 54·80 per cent against 53·14 per cent during the corresponding period of 1898.

5/ The net earnings with the adjustments shown in Statement ~~XIX~~ give after deducting interest charges and the additional contribution to Provident Fund, a surplus of Rs 677304 of which the Company's share was Rs 127076 and Government's Rs 550228.

The

6/ The Contribution to the Provident Institution during the half year was Rs 57.231 as under:—

Fifty percent of Compulsory deductions charged to working expenses.... Rs 13.203

Additional Contribution as per Surplus Profits Statement @ 1% ..... Rs 44.028

Total Rs 57.231

The additional Contribution of Rs 44.028 referred to above includes a provisional adjustment of Rs 24.942 being the arrears for the two half years of 1898 under the rules contained in G.C.I.No 09 R.E. dated 24th January 1899.

7/ Gross Earnings.

The following table shows the gross earnings for the two half-years.

	First Half of 1898	First Half of 1899.	Increase or decrease in Amount	Percentage of increase or decrease
	Rs	Rs	Rs	
Coaching	23.32.919	20.53.536	279383	11·98
Goods	18.35.746	20.74.245	238.499	12·99
Electric Telegraph	10626	10598	28	·26
Sundries	169.764	54959	114805	67·62
Total	4349.056	41.93338	155717	3·58

8/ **Abstract H. Coaching Traffic.**

The number of passengers carried in the various classes including troops, police and season ticket holders and the earnings therefrom compare as follows:-

	First Class		Second Class		Third Class		Total.	
	Number	Earnings	Number	Earnings	Number	Earnings	Number	Earnings
		Rs		Rs		Rs		Rs
First Half of 1898	10504	41484	69607	82312	5765254	2078886	6035365	2202682
First Half of 1899	11594	39854	48256	76601	5437888	1802746	5497738	1918201
Increase.....	1090							
Decrease.....	-	1630	11351	6711	527366	276140	537627	284481

9/ The above table shows a decrease in the earnings under all classes and also in the number of second and third class passengers, with a small increase in the number of first class passengers.

The decrease is general throughout the line, and is attributable to the plague precautionary measures adopted by Government, on account of which local festivals were very poorly attended. The transfer of the Nellore Gudur section to the Bezwada Madras Railway also accounts for a part of the decrease.

10/ **Other Coaching Traffic.**

The fluctuations in other Coaching traffic are shown

shown in the following table:—

Sub. head	Increase Rs	Decrease Rs
II. Passengers' luggage		3947
III Military luggage		213
IV Carriages, horses, dogs &c	1407	
V Military Carriages, horses &c		115
VI Parcels	3007	
VII Special trains		2623
VIII Miscellaneous	303	
IX Post office	7179	
Total	11896	6798

11/ Abstract. I. Goods Traffic.

The following is a Summary of the tonnage of goods lifted and the earnings therefrom as compared with the corresponding period of 1898.

	First Half of 1898		First Half of 1899	
	Quantity	Earnings	Quantity	Earnings
	Tons	Rs	Tons	Rs
Merchandise general	364813	173.263	398.240	198.481
Military stores	295	2.639	69	1.783
Railway materials for Construction	52.438	8.621	30.233	9.821
Coal	20.381	24.639	30.032	32.933
Revenue stores	346.128	47.994	140.758	26.679
Other goods traffic	.	15.590	.	13.548
Total	784.055	183.746	599.332	207.245

12/ Merchandize general.

The traffic under this head shows the following results as compared with the corresponding period of 1898:-

	Increase		Percent
Tonnage.....	33,427	or	9·16
Ton mileage.....	5073026	-"-	14·32
Earnings.....	253218	-"-	14·58

13/ The average rate charged per ton per mile was 9·43 pies against 9·41 pies in the corresponding period of 1898.

14/ The increase was due chiefly to a larger volume of competitive traffic passing between the Southern Mahratta and South Indian Railways via Dharmaveram and to a great improvement in the receipts under Rice and Provisions.

15/ Railway materials for Construction.

Decrease of tons 22,206 and increase of Rs 1200

The increase in the amount earned was due to longer leads.

16/ Coal.

Increase of tons 9661 and Rs 8294 Under Coal carried for the public there was a decrease of tons 643 and an increase of Rs 3938 and for the Loco department an increase of tons 10,346 and Rs 4405.

17/ Revenue Stores.

Decrease of tons 205,370 and Rs 21,315.

There was a large decrease in the quantity of ballast carried for the maintenance of the line and under "wood and Fuel for the Locomotive department."

The

18/ The following table shows some of the principal commodities included above under the head of "Merchandize, general" carried during the two half years under comparison :—

	First half of 1898		First half of 1899.	
	Quantity	Amount	Quantity	Amount
	Tons	Rs	Tons	Rs
Cotton, raw	8932	56535	9892	72472
Cotton, manufactured	8924	98709	8864	101812
Dyes and Gums	5624	49601	7568	68587
Grain and Pulse	86070	310829	91193	376328
Hides and Skins	4815	47300	5215	51754
Jute	3099	20467	3483	21270
Metals	7389	71184	6834	71666
Oils	9425	66672	10953	79447
Oil seeds	12614	60601	14030	63365
Provisions	12452	72560	17126	124796
Salt	29818	107982	30098	108691
Spices	8714	75877	10206	92063
Stone and lime	42040	65930	42108	67296
Sugar	27286	159808	31144	185313
Timber	28519	48920	35254	56887
Tobacco	3701	21996	4502	27799
All other articles of merchandise	56629	360750	64101	383427

19/ Cotton, raw.

Increase of tons 960 and Rs 15937.

The increase was in pressed cotton from the Southern Mahratta Railway and Trichinopoly to Madras, the cotton crop in the latter district being above the average.

20/ Dyes and Hams.

Increase of tons 1934 and Rs 18986

The increase was chiefly under (7) "others" due to large quantities of avaram bark sent from the Southern Mahratta Railway to Madras, via Dharmavaram.

21/ Grain and Pulse.

Increase of tons 6123 and Rs 64499

Large quantities of "Rice not in the husk" were sent from the South Arcot Madura and Tanjore districts to the Tinnevelly District, where the crops were a partial failure and to Negapatam and Tuticorin for shipment to Colombo where the demand was large owing to favorable market prices. Rangoon rice was however not imported in such quantities as in the previous year owing to the demands in Southern India having been met by local supplies.

The traffic under "Gram and Pulse" from the Southern Mahratta Railway to Madras, Kumbaconam, Trichinopoly and the Southern districts was abnormal.

The increase in the amount under "Rice in the husk" was due to the long lead from the South Arcot and Tanjore districts and Trichinopoly to the Tinnevelly district.

22/ Oils.

Increase of tons 1,528 and Rs 12,776.

The increase was chiefly in Kerosine oil from Madras and Pondicherry to the South Arcot, Tanjore and Southern Districts.

23/ Oil seeds.

Increase of tons 1,416 and Rs 2,864

There

The

against annas 6.96.

There was a marked falling off of traffic under "Til or Gingili" from Vellore and stations on the Southern Mahratta Railway to the Tanjore, Trichinopoly and Southern districts and from Tuticorin to Madura and Tinnevelly, owing to demands having been met locally. This decrease was more than counterbalanced by an increase under Castor oil seeds from the Pakala Dharmavaram section and the Southern Mahratta Railway to Madras. The crop of Castor oil seeds in the Cuddapah district was exceptionally good.

24/ Provisions.

Increase of tons 4674 and Rs 52236.

Nearly the whole of this increase was under the head "others" Chiefly in tamarinds from the Pakala Dharmavaram section, Chittoor, Erode and the Southern Mahratta Railway to the Tanjore, Trichinopoly and Southern districts.

25/ Spices.

Increase of tons 1492 and Rs 16186.

About Rs 11000 of this increase was in "Chillies" from Madras to Pondicherry and to the South Arcot and Tanjore districts, large quantities having been consigned to Madras from the Krishna and Godaveri districts via the Buckingham Canal and the East Coast Railway, thus creating new traffic. There was also an increase of Rs 6000 under betel nuts from the Southern Mahratta Railway to Madras, via Dharmavaram.

26/ Sugar.

Increase of tons 3858 and Rs 25505.

The

against annas 6.96.

The increase was principally in sugar unrefined due to large des-patches of sugarcane jaggery from Paurnti and the Southern Mahratta Railway to Madras for shipment to Europe. There was also a small increase under "Sugar refined" from Nellikuppam Paurnti and Tinnevelly to Madras and stations on foreign railways.

27/ Timber.

Increase of tons 6735 and Rs 6967.

The increase was in timber from Madras to Madura for building pur-pose and firewood from Manaparai, Vaiyampatti and Ayyalur to the Madura and Tinnevelly mills.

28/ All other articles of merchandise.

Increase of tons 7472 and Rs 22677.

The increase was chiefly under Coffee seeds and Cotton seeds from the Southern Mahratta Railway to Madras and the Tanjore district via Dharmavaram.

29/ Abstract F.

In the corresponding period of 1898 there were extraordinary earnings on account of hire of ballast trains recovered from the Bezwada Madras and Peralam Karaikkal Railways. The adjustment of the amount held in stock adjustment account to end of December 1897 was also made in the first half of 1898.

Working

against annas 6.96.

30/ **Working Expenses.**

The working expenses of the two half years compare as under :—

	First half of 1898		First half of 1899		Increase or decrease in amount	Percentage of increase or decrease
	Amount	Percentage on gross Earnings	Amount	Percentage on gross Earnings		
	Rs		Rs		Rs	
Maintenance	462737	10·66	423633	10·10	40104	8·65
Locomotive	843098	19·39	910167	21·71	67069	7·96
Carriage and Wagon	256386	5·89	228568	5·46	27818	10·85
Traffic	397732	9·15	384833	9·18	12899	3·24
General Charges.	310841	7·15	299583	7·14	11258	3·62
Steam boat Service	"	"	"	"	"	"
Special and Miscellaneous Expenditure	39166	0·90	51353	1·22	12197	31·15
	2310960	53·14	2298137	54·80	12813	0·55

31/ To admit of ready comparison being made, the proportionate expenditure under each minor head chargeable to the South Indian, Mayaveram Mutupet, Pondicherry and the Peralam Karaikkal Railways is shown in the

13

The annexed Tables:—

32/ Abstract. A.

Maintenance of Way, Works and Stations

Decrease Rs 40.104

June 1898						June 1899					
Total	Peralaya Karaikal Ry	Pondicherry Railway	Nagapattinam Tiruvarur Railway	South Indian Railway		South Indian Railway	Nagapattinam Tiruvarur Railway	Pondicherry Railway	Peralaya Karaikal Railway	Total
Rs	Rs	Rs	Rs	Rs		Rs	Rs	Rs	Rs	Rs
113703	174	406	3134	109990	I General Superintendence	113371	3281	627	276	117555
311363	474	1110	8684	301195	II Maintenance & Renewal of Permanent Way...	263847	7636	1225	876	273584
38147	67	136	1052	36902	III Repairs of bridges &c Wages and Materials	31974	926	148	106	33164
"	"	"	"	"	III (a) Conservancy of Rivers	"	"	"	"	"
22500	36	80	620	21766	IV Repairs of Stations and buildings Wages and Materials	21837	632	101	73	22643
"	"	"	"	"	V Maintenance by Contract	"	"	"	"	"
4038	7	14	111	3906	VI New minor works.	5297	153	26	17	5492
30862	47	110	851	29854	VII Unclassified expenditure	23979	694	111	80	24864
520613	794	1855	14352	503612	Total	460305	13322	2137	1628	477292
41221	64	146	1136	39875	Deduct. Value of stores returned to stock	36672	1061	170	122	38026
479392	730	1709	13216	463737	Total	423633	12261	1967	1406	439267

against [illegible]

II. Maintenance and Renewal of Permanent Way.

Decrease Rs 37,348.

The falling off in Extraordinary and Special outlay under "Materials" is due to the greater portion of work on renewals with Cast iron cushions and insertion of additional hie bars having been completed in the corres-ponding previous half year - Ordinary renewals however showed an increase chiefly due to the renewal of about 1½ miles of line with 40 tt rails and 7½ miles with pyngadu sleepers.

III. Repairs of bridges &c Decrease Rs 4928.

Ordinary expenditure under (1) "Bridges and Tunnels" was much less than in the corresponding period while the extraordinary outlay on account of the cross sleepering of 30 feet, 50 feet and 70 feet &c bridges was slightly in excess of that in the previous half year.

VII Unclassified Expenditure.

Decrease Rs 5,875.

The decrease was chiefly under Carriage of Revenue stores and was due to the decreased transport of materials required for ordinary purposes.

33/ The cost of maintaining a mile of single track including sidings was Rs 366.09 against Rs 394.56 in the corresponding period of 1898.

against annas 6.96.

34/ **Abstract B. Locomotive Expenses.**

Increase Rs 67.069

June 1898							June 1899.				
Total	Peralam Karikkal Railway	Pondicherry Railway	Nagercoil Tuticorin Railway	South Indian Railway		South Indian Railway	Nagercoil Tuticorin Railway	Pondicherry Railway	Peralam Karikkal Railway	Total
Rs	Rs	Rs	Rs	Rs		Rs	Rs	Rs	Rs	Rs.
64921	99	231	1790	62801	I General Superintendence	63141	1828	293	209	65471
167886	256	599	4628	162403	II Running Expenses.	159238	4609	739	528	165114
354772	538	1265	9780	343189	III Fuel.	340029	9841	1578	1129	352577
21723	34	77	599	21013	IV Water	16656	482	77	56	17271
37937	58	135	1046	36698	V Oil, Tallow and other stores.	30035	869	140	100	31144
206820	316	737	6701	200066	VI Maintenance and Renewals of Locomotive Engines	275149	7963	1277	914	285303
4713	7	17	130	4559	VI A. Do. of Machinery &c	1856	54	9	6	1925
"	"	"	"	"	VII New Minor Works.	"	"	"	"	"
27			1	26	VIII Payments to other lines	"	"	"	"	"
19643	31	70	541	19001	IX Unclassified Expenditure.	30719	889	143	102	31853
878388	1339	3131	24214	849704	Total	916823	26535	4256	3044	950658
6829	11	24	188	6606	Deduct. Value of stores returned to stock.	6656	193	31	22	6902
871559	1328	3107	24026	843098	Total	910167	26342	4225	3022	943756

against Annas 6.96.

III. Fuel. Decrease Rs 3160.

There was a decrease of about Rs 26,000 under "Wood", the Consumption being less than the corresponding period, and an increase of nearly Rs 23,000 under "Coal" partly owing to the enhanced rate of Rs 12-15-1 per ton at which Coal was obtained against Rs 12-10-3 in the corresponding half year.

V Oil Tallow and other stores. Decrease Rs 6663

Due to reduction in the Cost and Consumption of Stores during the half year under review.

VII Maintenance and Renewals of Loco Engines Increase Rs 75083

There was an increase of about Rs 146,000 under (1) Wages and a decrease of about Rs 67,000 under (3) materials. The write back during the half year of Rs 86725 being the amount of labour from April to December 1898 wrongly included under materials accounts for the increase to that extent under the former head and the decrease under the latter. 5. "F" Class Engines were also replaced during the half year in lieu of 2 sold to the Madras Harbour Trust Board and 3 Condemned.

IX Unclassified Expenditure. Increase Rs 11718.

In the corresponding previous half year the write back of a debit in December 1897 was included on account of loss on sale of Engine tenders.

35/ The Locomotive expenses per train mile were annas 8.78 against annas 8.25 and per Engine mile annas 7.57 against annas 6.96.

Abstract C. Carriage & Wagon Expenses – Decrease Rs 27,818

June 1898						June 1899.				
Total	S.H. Ry	Southern Ry	M. & M. Ry	S. I. Ry		S. I. Ry	M. & M. Ry	Southern Ry	S.H. Ry	Total
Rs	Rs	Rs	Rs	Rs		Rs	Rs	Rs	Rs	Rs
21640	33	77	597	20933	I General Superintendence	20978	607	97	70	21752
					II Repairs and Renewals of Vehicles.					
43699	219	612	3961	139007	Coaching Vehicles	97337	2817	452	324	100950
76890	117	274	2120	74379	Goods Vehicles	88413	2559	411	293	91676
"	"	"	"	"	II (a) Repairs & Renewals of Machinery, Tools & Plant	711	21	3	2	737
22691	35	81	625	21950	III Cleaning Carriages and wagons & oiling.	25172	729	117	83	26101
"	"	"	"	"	IV New minor Works	214	6	1	1	222
4029	6	15	111	3897	V Unclassified Expenditure.	1051	30	5	4	1090
9410	959	7414	260166		Total	233896	6769	1086	777	242528
6	14	108	3780		Deduct. Value of stores returned to stock.	5328	154	25	18	5525
4404	945	7306	256386		Total	228568	6615	1061	759	237003

II Repairs and renewals of Vehicles.

Decrease Rs 27,616

Ordinary repairs to Coaching Vehicles were less and repairs of goods Vehicles more than in the corresponding period.

The carriage and wagon expenses per train mile amounted to annas 2·21 against annas 2·51 and Rs 7·27 per 1000 Vehicle miles against Rs 7·81.

38/ **Abstract D. Traffic Expenses.**

Decrease Rs 12.899

June 1898							June 1899.				
Total	Peralam Karikal Ry	Pondicherry Railway	Nagapattinam Tiruturai Railway	South Indian Railway		South Indian Railway	Nagapattinam Tiruturai Railway	Pondicherry Railway	Peralam Karikal Ry	Total
Rs	Rs	Rs	Rs	Rs		Rs	Rs	Rs	Rs	Rs
					I Salaries Wages &c					
7925	80	189	1459	51197	(a) General Superintendence	54710	1583	264	182	56729
3048	279	663	5046	177070	(b) Station Staff	176029	5066	812	581	182488
1242	66	155	1197	41994	(c) Train staff	41743	1208	194	139	43284
55674	85	198	1635	53856	II Fuel, lighting, Water and General Stores.	46787	1326	213	152	47479
2957	3	11	82	2861	III Clothing	3394	98	16	11	3519
60460	93	216	1666	58476	IV Printing, Stationery and Tickets.	65416	1604	257	184	67461
	.	.	.	6	V Charges for delivery and collection of goods	"	"	"	"	"
	5	9	73	2568	VI Miscellaneous Expenses.	1366	40	6	5	1417
	12	28	214	7516	VII Payments to other lines	7831	227	36	26	8120
23		9	68	2271	VIII Unclassified Expenditure	2	.	.	.	2
	116	1467	11340	397916	Total	386280	11151	1788	1280	399499
189		1	6	183	Deduct. Value of stores returned to stock.	447	13	2	2	464
11159	626	1466	11335	397732	Total	384833	11138	1786	1278	399035

The only important variation in this abstract is a decrease of Rs 8067 under "II Fuel, Lighting, Water and General Stores" Chiefly due to the transfer of the Nellore Gudur section to the Bezwada Madras Railway, to a reduction of the train mileage on the Pakala Dharmavaram sections, and to the reduction in the cost and consumption of oil at several stations.

39/ The Charges for station and train staff, the tonnage of goods lifted and the ton miles of goods carried Compare as follows:-

	First Half of 1898	First Half of 1899	Increase or Decrease	Percentage of increase or decrease
	Tons	Tons	Tons	
...rage of goods	784.056	599.332	184723	23·56
	Ton miles	Ton miles	Ton miles	
...miles of goods	41.436.198	45.386.135	3948937	9·53
	Rs	Rs	Rs.	
...tation staff	177.070	175.029	2,041	1·15
...n Staff	41.994	41.743	251	0·60

40/ The total cost of the department averaged annas 3·71 against annas 3·89 per train mile in the corresponding previous half year.

al Charges.

Quarter

Jc	Peral Karaw	Sindicate Railw	Mayavaram Silchuppu Railway	South Indian Railway		Soc Lei Rai	Hay Mail Rai	Sout Ro	Para Kar Ro	Tre Jge
Rs	Rs	Rs	Rs	Rs		Rs	Rs	Rs	Rs	Rs.
30	68	158	1221	42853	I. General Administration	40876	1183	190	136	42238.
11	64	150	1158	40639	I.(A) Government Supervision, Audit & Control.	39823	1153	186	132	41293
7	234	545	4222	148146	II Salaries of Judicial management including offices.	140321	4061	652	466	145500
	33	79	610	21402	III Police.	20668	598	96	69	21431
	1	3	20	725	IV Advertising	948	28	4	3	983
			46	57752	V Electric Telegraph.	56725	1641	263	189	58818
	.	.			VI Clearing Accounts with other lines.	.	.	.	.	.
		17			VII Unclassified Expenditure.	321	9	2	1	333
				311534	Total	299682	8673	1392	996	310743
				693	Deduct. Value of stores returned to stock.	99	2	1	1	103
					Total	299583	8671	1391	995	310640

44/ Sta

ing

The differences in the several sub heads
-rall and call for no remarks.

June 1898

Peral ayu Karaikal Ry	Pondicherry Railway	Mayauram Tiruvalur Railway	South Indian Railway		South Indian Railway	Mayauram Tiruvalur Railway	Pondicherry Railway	Peralam Karaikal Ry	Total
Rs	Rs	Rs	Rs		Rs	Rs	Rs	Rs	Rs
.	1	6	198	I. Law Charges.	131	4	1	.	136
1	3	23	816	II Compensation	808	25	4	3	840
19	43	331	11627	III Rates and Taxes.	15038	459	73	53	15623
		2	64	IV Payments to other lines.	20017	611	98	70	20796
				V Prizes for Station Gardens.	.	.	.	.	.
			11852	VI Contribution to Provident Institution	12708	388	62	45	13203
			4599	VII Miscellaneous.	2651	81	13	9	2754
				Total	51353	1568	251	180	53352

IV Payments to other lines.

Increase Rs 19.953.

The increase was principally in the mileage and demurrage paid to the Southern Mahratta Railway during the half year under review.
Rent of stations jointly occupied — The net result being a debit is a charge to working expenses, whereas in the corresponding period of 1898 the receipts exceeded the payments and were therefore shown as earnings under abstract K.

VII Miscellaneous.

Decrease Rs 11948

Chiefly due to the temporary inclusion of about Rs 11000 on account of the Erode-Nanjangod Railway Survey in the corresponding half year of 1898.

43/ Statement of Train mileage. Form N° XIV.

The miscellaneous engine mileage 265142 was 15·99 percent of the total train mileage 1.657.950 against 18·54 per cent in the corresponding period of 1898.

44/ Statement of outstanding Earnings.
Form N° XVI

The Earnings outstanding on the date of the preparation of the

538 22.

the statements were Rs 13320-14-9 of which Rs 566/- have since been recovered and steps have been taken for the recovery of the balance.

Wmsimpson
Chief Auditor

Comptt
25/8/99

Enc. No. 1 to D.O. No. 5041 of 1899
Letter No. 957 of 24/9/99
From A.

URGENT.

No. 957

South Indian Railway Co., Ld.,

AGENT'S OFFICE,

TRICHINOPOLY, 26th September 1899.

RECEIVED 27 SEP 1899

Desk

From Ag

The AGENT,

SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

D.O. No. 5041 Rec'd 27/9/99

Sir,

Arbitrary Ens & Accts

With reference to my letter No. 926 of 11th September 1899, I have the honor to forward herewith the Chief Auditor's Report on the Capital and Revenue Accounts of the South Indian Railway for the half-year ended 30th June 1899.

I have the honor to be.
Sir
Your most obedient servant

Please acknowledge

W. Le Fresnier
for Ag. Agent.

1 Enclosure in 22 Sheets
by book post

Desk

Form No. 1.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

Papers to be read in Proceedings:—

E/s current No. 5041 / 27th Sept 1899

240

1229 R 27 Oct 99

ORDER.

Ordered that the bill
by the Chief Auditor on the Capital
and Revenue accounts of the South
Indian Railway for the half year
ended the 30th June 1899, be forward-
ed to the Govt of India and to the
Secretary of State in continuation of
G.O. No. 1120 Rlys dated 9th Oct 1899.

FHS

H.E. No. 1230 Rlys dated 27th Oct 1899
Forwarded.

H.E. No. 21/1229 Rlys dated 27 Oct 1899

FHS

To

The Rt. Hon'ble the Secy of State for India
in Council,
London.

My Lord,

In continuation of our
despatch No. 16/1120 Rlys dated 9th Oct 1899,
we have the honour to forward
herewith

Print

To The Agent S. I. R.
" Examiner, Gs. Rlys
" Chief Engr for Rlys

* G.O. not yet issued

From

THE AGENT,
South Indian Railway,
Trichinopoly.

To

THE CONSULTING ENGINEER FOR
RAILWAYS,
Madras.

Dated
Received } 18 .

No.

ENCLOSURE.

herewith, ~~a letter by the Chief~~ a copy of our Progs No 1204 Rx 7 Act 1899, embodying a letter by the Chief Auditor on the Capital and Revenue Accounts of the Straits Settlements Rx for the half year ended the 30th June 1899.

JWS
27/7/99

DR

3 CR before Spm.