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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2/32	Press
B.P. No.		Mis.
Dated	26-7-	1955

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
26th July 1875.*

No 670 Read the following Proceedings of the Government of India, Public Works Department, (Railway,) dated Simla, 28th June 1875, Nos 1,610—
23 R —

Carrying power of the East Indian Railway.

Read again—

Proceedings (State Railways), October 1873, Part A, Nos 1 to 14

Read also—

Letter from the Director of State Railways, No 930 W, dated 15th June 1874

" from the Consulting Engineer at Lahore, No 928, dated 10th July 1874

" from the do at Calcutta, No 980, dated 16th April 1875

OBSERVATIONS—In view to ascertaining the capabilities of Railways in respect of moving troops, &c, the Government of Bombay and the Consulting Engineer at Calcutta were in 1873 called upon to state their opinions as to the greatest number of trains which could be run in 24 hours on the lines under their control. The Railway Officers were also consulted.

2. The inquiries resulted in a considerable difference of opinion amongst the various officials, Railway and Government; but there are now facts of some importance in connection with this subject. Last year (1874) the traffic for the relief of the famine in Bengal in addition to the usual traffic tested the powers of the East Indian line severely; and it may be acknowledged that the line then did as much as it is capable of doing under long-continued pressure. In order to make the whole number of trains run available for army purposes, it would of course be necessary to abandon the regular passenger and goods train services which are included in the figures given.

3. By opening special passing places for trains, by increasing the length of sidings, and by using double trains, it might be possible to add to the number of vehicles which could be run, but such arrangements would take time to make, and consequently in a very sudden emergency could not be relied upon.

4. The main facts which were furnished by the Traffic Manager, East Indian Railway, as fairly representing the amount of traffic at its greatest pressure, are given in a tabulated form immediately below—

Number of Trains passing the following Stations in the week ending 21st March 1874

Description of Trains	No of Trains	Passenger Vehicles	Goods Vehicles		Total
			Loaded	Empty	
<i>Bardwan—</i>	28	441	...	...	441
Mail	12	312	466	21	1,099
Mixed	183	...	4,937	1,176	6,113
Goods	...	...	...	...	...
Total	253	1,553	5,403	1,197	7,653
Daily average ...	36 14	156 12	771 85	171 0	1,093 28

Proceedings of the Madras Government, Public Works Department,
26th July 1875.

Number of Trains passing the following Stations, &c—(Concluded)

Description of Trains	No of Trains	Passenger Vehicles	Goods Vehicles		Total
			Loaded	Empty	
Muddayore—					
Mail	14	202	...	18	202
Mixed	23	375	273	19	665
Goods	192	...	2,928	2,126	5,354
Total ..	131	577	3,200	2,111	6,321
Daily average ..	27.71	82.42	457.14	319.14	888.71
Mokameh—					
Mail	28	435	...	10	435
Mixed	42	589	294	10	893
Goods	192	23	3,561	2,524	6,107
Total ..	262	1,046	3,855	2,534	7,435
Daily average ..	37.42	149.42	550.71	362.0	1062.14
Bucar—					
Mail	14	208	...	43	208
Mixed	28	415	315	43	773
Goods	126	...	2,953	850	3,808
Total ..	168	623	3,273	893	4,789
Daily average ..	21.0	89.0	467.57	127.57	684.14
Mogulserai—					
Mail	14	212	...	...	212
Mixed	28	394	322	21	750
Goods	116	...	3,113	1,004	4,147
Total ..	158	606	3,475	1,028	5,109
Daily average ...	26.85	86.57	496.42	146.85	729.85
Allahabad—					
Mail	14	251	...	15	251
Mixed	28	434	241	15	690
Goods	178	...	2,651	720	3,371
Total ..	180	655	2,892	735	4,312
Daily average ...	23.71	97.85	413.11	165.0	616.0
Cawnpore—					
Mail	14	266	...	...	266
Mixed	14	231	83	14	328
Goods	131	...	2,823	926	3,759
Total ..	159	497	2,916	940	4,353
Daily average ..	22.71	71.0	416.57	131.24	621.85
Toondla—					
Mail	14	258	...	...	258
Mixed	11	213	85	15	312
Goods	98	...	2,116	759	2,885
Total ..	123	470	2,201	784	3,455
Daily average ..	18.0	67.14	311.42	112.0	493.57

Proceedings of the Madras Government, Public Works Department,
26th July 1875.

Number of Trains passing the under-mentioned Stations on 26th March 1874

Description of Trains	No of Trains	Passenger Vehicles	Goods Vehicles		Total
			Loaded	Empty	
Burdwan—					
Mail	4	65	51	...	65
Mixed	6	87	959	174	1,133
Goods	32	...	...	...	...
Total ..	42	152	1,010	174	1,336
Muddapore—					
Mail	2	30	30	7	30
Mixed	4	62	468	316	99
Goods	21	4	...	...	818
Total ..	27	96	498	353	947
Mokameh—					
Mail	4	61	41	8	61
Mixed	6	89	504	362	141
Goods	26	...	...	...	866
Total ..	36	150	548	370	1,068
Bucar—					
Mail	2	29	43	...	29
Mixed	4	63	332	145	106
Goods	16	...	...	...	477
Total ..	22	92	375	145	612
Mogulserai—					
Mail	2	30	46	4	30
Mixed	4	59	352	194	109
Goods	19	...	...	...	646
Total ..	25	89	398	198	685
Allahabad—					
Mail	2	34	36	3	34
Mixed	4	56	260	61	95
Goods	16	...	...	...	321
Total ..	22	90	296	64	450
Cawnpore—					
Mail	2	38	13	1	38
Mixed	2	28	305	151	42
Goods	16	...	...	...	456
Total ..	20	66	318	152	536
Toondla—					
Mail	2	39	12	1	39
Mixed	2	30	267	73	43
Goods	12	...	...	...	340
Total ..	16	69	279	74	422

*Proceedings of the Madras Government, Public Works Department,
26th July 1875.*

These tables show that the greatest number of trains passing any one station in a day was, on the double line, 12, and, on the single line, 27, the stations where this maximum traffic occurred being Burdwan on the double and Megulicrat on the single line.

Taking the average over a period of one week, the number was, on the double line, 37 trains, and, on the single line, 27

ORDER —Ordered that this Resolution be circulated to the Governments, Administrations, and Officers noted in the margin, also to the Military Department, for information

The Governments of Madras, Bombay, Bengal, North West Provinces, and Panjab.
The Chief Commissioners of Oudh, Central Provinces, and British Burmah.

The Resident at Hyderabad
The Director of State Railways
The Consulting Engineers at Calcutta, Beloor, and Lucknow

(Signed) H. DRUMMOND, Colonel, R.E.,
Deputy Secretary

No 671

ORDER IN COUNCIL, 26th July 1875, No. 2,132.

RAILWAY, No 61.

Communicated to the Consulting Engineer for Railways and to the Military Department

(True Extract.)

Major, R.E.,
Offg Joint Secretary to Government

To the Consulting Engineer for Railways
" Military Department

GOVERNMENT OF INDIA
PUBLIC WORKS DEPARTMENT.
RAILWAY.

Nos 1610-23 R.

Dated SIMLA, June 28, 1975.
Received *deputy Secy*

No. 1610 R

Carrying power of the East Indian Railway.

*At present 132 of 24 July 75
Communicated to the Consulting
Engineer for Railways and the Building Dept.*

[Signature]

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for the ...

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G.O. of 11875 Madras
PUBLIC WORKS.

Cause registered.

Read

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26 July 2/32

No. 670-671

Amongst the
East Indian Association
of the Govt of India forwarding
for information & circulation
in the —. Comm. to the
Punjab for the — to the
British —