M.R.O. 1—77,000—8-6-37.

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MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 3417 Press ~~Mis.~~

479-80

Dated 23 10 1879.

Not to be folded or roughly handled

87

Proceedings of the Madras Government, Public Works Department, 23rd October 1869.

No 479. Read the following Proceedings of the Government of India in the Public Works Department, (Railway,) dated Simla, 18th September 1869, No. 1,421 R.:—

READ—

Office Memorandum from Military Department, No. 462, dated 25th August 1869.

OBSERVATIONS.—The Government of India in the Military Department has expressed a desire that complete information as to the number of troops, and the quantity of the material of war that every railway in India would be able to transport on an emergency, should at all times be in the possession of the Military authorities.

2. The Governor-General in Council is therefore pleased to direct that an annual return showing separately the number of vehicles of all descriptions actually in use on each railway, and the number of troops, horses, guns, etc., and the quantity of Military stores that can be conveyed in each description of vehicle shall be prepared, under the orders of the Governments and Administrations charged with the control of railways, on the 31st December of each year, and forwarded to this department as soon as possible thereafter.

3. The return should be somewhat in the annexed form; but in order to render it complete, it is necessary that further headings should be added detailing the practical loads of the particular vehicles which are adapted for the conveyance of particular articles of equipment, such as guns of different weights, ammunition waggons, ambulance carts, etc. The number of horses that can be carried in open goods waggons, etc., should also be stated.

4. In order to obtain this information, it will be necessary for the Military authorities to nominate qualified officers of the several branches of the service to test by actual experiment the best way of packing the different descriptions of vehicles, etc., in use on each railway. These experiments might conveniently be made at Dinapore or Allahabad for the East Indian Railway; at Barrackpore for the Eastern Bengal Railway; at Meean Meer or Umballa for the Punjab and Delhi Railways, or at both stations if the vehicles are not identical; at Lucknow for the Oudh and Rohilkhund Railway, and at such places as the Madras and Bombay Governments may direct for the railways in those Presidencies.

ORDER.—Ordered, that this Resolution be communicated to the Local Governments and Administration noted in the margin, with a request that specimen vehicles may, when required, be placed at the disposal of the local Military authorities for experiment, and that all needful assistance may be rendered in the matter.

Madras, in P. W. Dept., Railway Branch.
Bombay, do. do.
Bengal, do. do.
Punjab, do. do.
Oudh, do. do.

Ordered also, that this Resolution be communicated to the Military Department for the issue of the further needful orders, and with a suggestion that the opportunity should be taken of ascertaining and recording the number of vehicles of each kind necessary to transport a unit of strength, such as a Company, a troop, or a Field Battery, etc., when packed as closely as possible.

(Signed) R. STRACHEY, Colonel, R.E.,
Offg. Secy. to the Govt. of India.

Proceedings of the Madras Government, Public Works Department, 23rd October 1869.

Return of rolling stock in use on Railway on 31st December 18 , showing the capabilities of the different vehicles for the transport of troops and war materials.

No.	Description.	Number of vehicles in use.	Number of accoutred soldiers that each will hold.	Number of camp followers that each will hold.	Number of horses that each will hold.	Limit of weight to be placed in each vehicle.	Internal dimension. Length.	Internal dimension. Breadth.	Height of floor of open vehicles from rail level.
	1st Class								This is desirable, as the maximum moving height that can be permitted under any circumstances on a Railway is 13 feet 6 inches from rail level.
	Composite ...								
	2nd Class ...								
	3rd ,, ...								
	Intermediate Class.								
	Luggage van ...								
	Horse box ...								
	Carriage truck ...								
	Covered goods ...								
	Low-sided ,, ...								
	High-sided ,, ...								
	Cattle waggon ...								
	Coal hopper ...								
	Timber truck ...								
	Powder van ...								

No. 480. ORDER THEREON, 23rd October 1869, No. 3,417.

RAILWAY, No. 63.

COMMUNICATED to the Military Department and to the Consulting Engineer for Railways.

2. Major Shaw Stewart will take steps for the punctual transmission of the Annual Return called for in paragraph 2. The experiment referred to in paragraph 4 may be made at Bangalore on the Madras Railway, and at Trichinopoly on the Great Southern of India Railway under the direction of such officers as the Military Department may nominate, and the Consulting Engineer will place himself in communication with the Railway authorities with a view to specimen vehicles being placed at the disposal of the Military authorities when required, all necessary assistance being rendered by the Railway officers for making the experiment.

(True Extract.)

(Signed) H. TULLOCH, Captain, R.E.,
Acting Under-Secretary to Government.

To the Consulting Engineer for Railways.
,, Military Department.

Exd. S. T. Augustin.

Public Works Department

No. 3417

Proceedings of the Madras Government

under date the 23d Oct. 69.

Read the following

from The Govt. of India. / Ft. E. No. 1421 R. of 18th Septr. 69 /

Communicated to the Military Dept. and to the Consulting Engineer for Railways.

Major Shaw Stewart will take steps for the punctual transmission of the Annual Return called for in Para 2. The experiment referred to in Para 4 may be made at Bangalore on the Madras Railway, and at Trichinopoly on the Great Southern of India Railway under the direction of such

Such Officers as the Military Dept: may nominate, and the Con: Engr: will place himself in communication with the Railway authorities with a view to specimen vehicles being placed at the disposal of the Military authorities when required, all necessary assistance being rendered by the Railway Officers for making the experiment.

To Con Engr for Rys.
" Mily: Dept.

Ms. dated 16th 23/10/69
P.C 2/11/69

Cue 4 185

Govt. of {1869} Madras.

PUBLIC WORKS.

To The Consulting Engr.
for Railways

Dated

Recd. Read.

G. O. 23rd Oct. 1869, No. 3417

Nos. 479-480

Vehicles (Rys): Ors. of Govt. & Mr. Grindlay directing the submission annually of a Return showing the capabilities of the different vehicles for the transport of troops and war materials. Cons. & Mr. Dyas and Offrs. concerned informed accordingly.