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MADRAS RECORD OFFICE.

Government of Madras.

Puduvai hosker DEPARTMENT.
Con. Dofulko

G.O. No.	727	Press
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Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
for the month of April 1860.*

No. 8. Read the following Proceedings of the Madras Government in the Marine Department, dated 30th March 1860, No. 136 :—

Furnishing copy of a letter from the Commandant of Engineers on the subject of the best kind of Boat for Rivers in India. (Vide Marine Proceedings from 21st to 31st March 1860, Nos. 27 @ 30.)

No. 9. ORDER THEREON, 11th April 1860, No. 727.

Ordered to be communicated to the Chief Engineer for information with reference to Colonel Lawford's letter of 25th November 1858, No. 5,758.

(Signed) C. G. MASTER,
Dy. Secretary to Government.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

Extract Minutes of Consultation, in the Public Works Department.

Forwarding copy of a letter and its enclosures
from the Officiating Chief Engineer on the
subject of description of boat best adapted for
the Navigation by Steam of Indian Rivers. } (Here enter 10th January 1859, No. 80.)

From Colonel A. COTTON, Commandant of Engineers, to T. PYCROFT, Esq., Chief Secretary to Government, Fort Saint George, dated Sépakkám, 21st March 1860, No. 58.

In reply to your letter of the 27th July 1858, No. 288, respecting the best kind of boat for rivers in India, I have the honor to state that the materials I hoped for, from which to form more certain conclusions about river boats, were the results of the boat experiments now in hand; but I have been entirely mistaken as to the time required for obtaining satisfactory data from them. I see now that it will take a much longer time than I anticipated, for it is a very complicated question.

I am at present therefore entirely without any new data on the subject, beyond those upon which Captain Rundall has written his report, and as he has had the best opportunities of drawing conclusions, so far as they can be obtained from the present boats, I have nothing to offer beyond what that Officer has said.

The leading point in our rivers is the exceeding cheapness of fuel, making a higher speed than in other countries the most economical, consequently that in all the arrangements, of form of boats, &c., a considerable speed, 10 or 12 miles an hour through the water for goods, should be kept in view.

I may also mention that it seems to me plain that we are now on the eve of great improvements in River Navigation, both as respects mode of propulsion, kind of boiler, management of the steam, and resistance of boats; and I think we should be prepared for the use of novelties in all those respects, and that it is most important that arrangements should be made for obtaining the latest accounts of the working of Rivers in America, England, the Continent, Bengal, &c. The magnificent flotillas now being built by the Railway Companies for the Indus and Ganges, will, I have no doubt, help greatly to put the whole matter of River Navigation on an entirely new footing.

I would particularly urge that Captain Haig should be left at liberty to try a variety of boats and Engines, as respects form, material, boiler, steam-pressure, mode of propulsion, &c.

ORDER THEREON, 30th March 1860, No. 136.

Ordered that copies of the above letters be forwarded to the Government of India, in reference to Mr. Secretary Beadon's letter, 11th June 1858, No. 942.

Copy of Colonel Cotton's letter will likewise be furnished to the Public Works Department.

(True Extract.)


Chief Secretary.

To the Public Works Department.

Exd. F. Cartledge.

on 11 Dec 77/59 No 102-163

2271866 Ohlson &
Associates
P.O. Box 100
N.Y. 10001

Proceedings of the
new South-western
Society.

Oriskany 30 & June 7 }
 Penned 14 & 15 }
 Dec-136

Transcribing copy of
Letter from the Commu-
naut of 1875 on the
subject of the death
of Lord of
rivers in Britain.

Ordered to be communicated to the Chief & officers for information with reference to Col^l Leonard's letter of 25th September 1858 No 5758.

84727.

Heaven all!

Just St. George's
 11. Apr. / 80 —
 10 Copies to the King's Eng.
 with Po. & Claims. D. / 1. 11. No. 136.

Ms 49.

Sept. 27. 11th April.