

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

3rd February 1882, No. 46.

Madras Harbour.

Read the following paper :—

From A. ABERCROMBIE JOPP, Esq., Director-General of Stores, to the Chief Secretary to Government, dated India Office, London, 12th January 1882 [Current No. 70].

With reference to the communications noted in the margin, relative to the purchase in this country of a second-hand steam-tug for the Madras Harbour, I have the honor to inform you that the steam-tug *Undaunted* has been purchased by the Secretary of State in Council.

2. The following are the principal dimensions of the vessel (full information regarding her, and the steps which led to her purchase, will shortly be communicated to the Government of Madras in a despatch from the Secretary of State in Council), built at Blackwall by T. A. Young in 1876 :—

Length ...	...	...	...	123 ft.	4 in.
Breadth ...	...	...	...	20 "	8 "
Depth ...	...	...	...	11 "	1 "
Gross tonnage ...	...	...	...	197	
Nett " ...	...	...	...	57	
Rig ...	...	...	...	Sloop.	
Number of bulkheads	...	...	...	3	
" decks	...	...	...	1	
Draft of water loaded about 7 feet.					
Engines—2 side lever disconnecting surface condensing.					
Boilers—2 Multitubular.					
Horse power, nominal	...	...	...	150	
Diameter of cylinders	...	...	...	34 in.	
Length of stroke	...	...	...	60 "	
Working pressure	...	...	...	30 lbs.	
Donkey engine	...	...	...	1	
Consumption of fuel	...	...	...	Light.	
Capacity of bunkers	...	...	...	99 tons.	
" hold for coal	...	...	...	55 "	
Steam windlass.					
Holds a Board of Trade passenger certificate.					

3. Since the purchase of the vessel she has been thoroughly overhauled.

4. I enclose, for your information and guidance, a list of the stores which were taken over with the vessel, and of those which have since been purchased for her.

5. The vessel carries three chronometers. One of these was originally provided for the India Government Steamer *Tenasserim*; but as there was not time to test it thoroughly before that vessel sailed, it was retained. It has since been rated, and on the arrival of the *Undaunted* should be forwarded to the Bengal Marine Department, where it will probably be found useful.

6. The other two chronometers were returned to this country from the Bengal Marine Department for repair, and should also be forwarded to that Department on the arrival of the *Undaunted*.

7. The vessel left Plymouth for Madras on the 11th instant, under the command of Mr. J. McPhail, who has agreed to navigate her to Madras for the sum of £990, one-half to be paid in this country before sailing, and one-half in Madras (at 1s. 8d. per rupee) after safe arrival.

8. A copy of the formal agreement with Mr. McPhail is enclosed.

ORDER THEREON, 3rd February 1882, No. 46.

Communicated to the Master Attendant.

2. The agreement referred to has not yet been received.

(True Extract.)

A. Davidson
Chief Secretary.

To the Master Attendant, Madras, with enclosures in original.

Copy to the Public Works Department. —

N^o 376 Way 10th Feb/82

Communicated
to the Supt. Madras
Harbour works.

8.2.82

Att

8.2.82

P.W.C. No. 840
Govt. of (1882) Madras.
MARINE.

To
THE MASTER ATTENDANT,
Madras,
&c., &c., &c.

8 p.c.

Dated February, 3rd.

Issued

Recd. 8th Feb/82 Encl.

G.O., 3rd February 1882, No. 46.

FEBRUARY.

Encl. in Receipt Regd.

Madras Harbour.—Communicating letter from
the Director-General of Stores, London, intimating
that the steam-tug *Undaunted* has been purchased
for the Madras Harbour.

B. N. 376 Way 10th February/82

with order.

Supt. M. H. Works. ✓
Subd. despatch 10-2-82