

MADRAS RECORD OFFICE.

Government of Madras.

Marine DEPARTMENT.

G.O. No.

310

Press
~~Mis.~~

Dated

8

8

1857

Not to be folded or roughly handled

MS

Fort Saint George, Marine Consultation, 11th August 1857.

No. 3. From J. J. FRANKLIN, Esq., Secretary Marine Board; to E. MALTBY, Esq., Acting Chief Secretary to Government, Fort Saint George, dated 21st July 1857, No. 2453.

SIR,

Referring to Extract from Minutes Consultation of the 22nd Ultimo, No. 247, communicating to the Marine Board a letter from Lieutenant Colonel J. T. Smith, Madras Engineers, on the subject of Catadioptric lights invented by Mr. Fresnil, and calling for the Board's opinion regarding that Officer's proposition that one of the 4th order should be purchased for Paumben, where the peculiar circumstance of the light being shewn on all points of the compass would render its use advantageous, I have the honor by their desire to state that they concur with Lieutenant Colonel Smith, in thinking that the great expense of the apparatus must generally be a bar to the use of these lanterns at any of the stations in the Madras Presidency, at which lights are exhibited. Many of these are mere Port lights and are not required to be powerful, while others on prominent points of the Coast or near some dangerous locality, which are of greater consequence, are provided with 1st class lanterns made at the Grand Arsenal at a cost of about 600 Rupees each.

2. The Board are opinion that rather than incur the heavy expense that would be entailed by introducing Mr. Fresnil's lanterns, endeavours should be made to improve the manufacture of those made in the Country. To this end they would recommend that Colonel Smith should be authorized to engage and send out a Foreman qualified to direct and superintend the workmen in the Grand Arsenal, and that one of Mr. Fresnil's lanterns should be purchased and forwarded to the Presidency with a view to a comparison with those now in use and to the adoption of any improvements which it might suggest.

(Signed) J. J. FRANKLIN,
Secretary.

No. 4. ORDER THEREON, No. 310; dated 8th August 1857.

The Marine Board reply to the reference made to them by Government on the subject of the suggestion made by Lieutenant Colonel Smith, of the Engineers (now in England) that he may have sanction to procure, for experiment at Paumben or elsewhere, one of the fine lights, known as 'Catadioptric' and the invention of Monsr. Fresnil, at an expense not exceeding £350.

2. The Board approve, and add their opinion that Colonel Smith should be authorized to engage and send out a Foreman qualified to direct and superintend the workmen in the Grand Arsenal, who construct the first class Lanterns, at present in use on prominent points of the Coast on or near some dangerous locality.

3. The Government think well of this suggestion, and will commend it to the consideration of the Honorable Court.

Exd. W. Komareck.

correspondence with the Marine
Board and with Lt Col. Smith of the

Marine Sept 2
No 310. E. M. C. dated 8th August 1857.
Read following letter from } the letter 21st July 57.
the Secy. Marine Board

E. M. C. 22nd June
No 247
The Marine Bd reply to the reference
made to them by Govt on the subject of
the suggestion made by Lt Col Smith, of
the Engineers (now in England) that he
may have sanction to procure, for experi-
ment at Panama or elsewhere, one of
the fine lights, known as 'Catadiop-
tric' and the invention of Monsr Fres-
nel, at an expense not exceeding
£300.

1. The Bd approve, and add their opinion
that Col. Smith should be authorized to en-
gage & send out a Foreman qualified
to direct & superintend the workmen
in the Grand Arsenal, who construct the
first class lanterns, at present in use
on prominent points of the Coast or
on near some dangerous locality.
2. The Govt think well of his suggestion,
& will commend it to the consideration
of the Honble C^o D^o C-31/7-57.

To Marine Bd. Dispt 12th
To Col. Smith. Wellesley House, Horse Guards Hill - Kent. Dispt 12th

Marine Sept.
No 20 of 1857.
To the Honble C^o of Directors.
Honble Sir,
We have recently been in
correspondence with the Marine
Bd and with Lt Col. Smith of the

30/3/57 Engineers (now in England) on
be subject of improving the efficiency
and diminishing the cost of the
Lighting Establish on the Indian Coast.
" " 22nd June " " 748
" " 11th Aug. " " 394

Col Smith, your Honble Lt. is aware,
is the ingenious inventor of the
"periscopic" apparatus in use at the
Presidency Light House.

2. During his absence in England, Col
Smith has become acquainted with the
system of "Catadioptric" lights, inven-
ted by Mr. Herschel & now much used
on the French & British coasts. These
fine lights, he is of opinion, offer great
advantages over the "periscopic" in cases,
such as the light at Panama, where the
illumination is required throughout the
entire circumference of the horizon;
and he has suggested that authority may
be sent him to order one out, at an ex-
pense not exceeding £350. The Marine
Board in supporting his suggestion have
added another, viz, that a Foreman,
qualified to superintend the workmen
in the Grand Arsenal, where the present
1st class lanterns are constructed, sh^d
also be engaged & sent out, to be placed
under their orders for the purpose.

3. Not these recommendations appear-
ing worthy of suggestion, we submit them
to the favorable notice of your Honble Lt.
Col Smith's address, we sh^d add, is
Wellesley House - Horse Guards Hill.
J.D.L. 31/7/57

For J.D.L. George,
8 September 1857
B. 117

Received by the
Order of 1857

Johnston's Log
May 17/58

1857-58-59

3-4

Further from Coll J Smith Madras Engineer of 20th March/58 at 11th 1/2
Marine 1857 28th 1/2
No 310
Extracts from the
18th August 1857.