

DATED 12 June 1877

<i>Recd.</i>	} 1897.	<i>Enclosures</i>
<i>Regd.</i>		<i>Spare copies</i>

JUNE.

Forwarding copy of Proceedings recording letter from the Chairman, Harbour Trust Board, stating that the Board is prepared to meet all expenses in connection with the — now being made by Lieutenant Beauchamp.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following paper :—

From J. N. ATKINSON, Esq., I.C.S., Chairman, Harbour Trust Board, Madras, to the Secretary to Government, Marine Department, dated 31st May 1897, No. 1058.

I have the honour to acknowledge the receipt of G.O., Marine, dated 27th May, No. 490, and to submit for your information copy of resolution No. 7, dated 5th February 1897.

The Board is prepared to meet all expenses in connection with the survey of the Harbour and roadstead now being made by Lieutenant Beauchamp.

ENCLOSURE.

EXTRACT of Proceedings of the Trustees of the Harbour of Madras, at a Meeting held at the Offices of the Board, on Friday the 5th day of February 1897.

7. Read G.O., No. 69, Marine, dated 25th January 1897, communicating, with remarks, letter from the Government of India intimating that they have arranged for the services of an officer of the Marine Survey Department being made available during the recess season, to superintend the work of surveying the Madras Harbour and roadstead.

Resolution.—Recorded. The Board will be prepared to meet all expenses.

(True Extract.)

(Signed) C. PINSENT,
Secretary, Harbour Trust Board.

ORDER—No. 528, Marine, dated 12th June 1897.

Recorded.

[Here enter No. 529, Marine, dated 12th June 1897.]

(True Extract.)

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

To the Examiner, Public Works Accounts.

ENDORSEMENT—No. 529, Marine, dated 12th June 1897.

Copy forwarded to the Director, Royal Indian Marine, with reference to his letter, No. 2018, dated 14th May 1897.

(By order.)

Colonel, R.E.,
Secretary to Government.

Esd. T. K. Narayana Aiyangar.

Marine (1897) Department.

CURRENT No. 793

Order No 528 dated 12th June 1897

Recorded.

From

The Chairman,
Harbour Trust Board,
Madras.

No. 1058

Shelton No. 529 dated 12th June 1897
Copy forwarded
to the Director, Royal Indian
Marine, with reference to
his letter No 2018 d/14th May
1897.

W.H.

For Mr.

R.E.

Dated — 31st May 97
Despatched 1st June 97
Received 3-6-97
Enclosures one
Spare copies

SUBJECT.

Replying to G.O. No. 490 dated 27th May
regarding the expenses
in connection with
survey of the Harb
& Roadstead now
made by Lt. Beauchamp

Shelton
12/6/97

EXTRACT of Proceedings of the TRUSTEES OF THE HARBOUR
OF MADRAS, at a Meeting held at the Offices of the
Board on Friday the 5th day
of February 1897.

7. Read by C. No. 69, Marine, dated
25th January 1897, communicating, with
remarks, letter from the Government
of India intimating that they have
arranged for the services of an officer
of the Marine Survey Department
being made available during the
recess season to superintend the
work of surveying the Madras Harbour
and roadstead.

Recorded. The Board will be
prepared to meet all expenses.

True Extract

HARBOUR TRUST
MADRAS 31. MAY. 97
SECRETARY'S OFFICE

Ammit
Secretary
Harbour Trust Govt

Concurring with Commander Oldham's suggestions that, when a locality has been once surveyed by the Indian Marine Department, the Harbour staff should thenceforward keep the charts corrected and make resurveys when necessary, and stating that the Madras Harbour Engineer should do so hereafter.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following papers :—

From Commander H. A. STREET, R.I.M., Presidency Port Officer, Madras, to the Secretary to Government, Marine Department, dated 11th May 1897, No. 637/172 G.

With reference to the suggestion made by the Officer in charge, Marine Survey of India, in the copy of his letter No. 61, dated 16th February 1897, which accompanied Government of India letter, No. 390, Marine Department, dated 23rd April 1897, to the Government of Madras, I have the honour to state that, as few, if any, of the local Port officers have received any training in marine surveying, the correctness of a resurvey of a harbour by such officers would be open to question. As a matter of fact the Officer in charge, Marine Survey of India, has never been asked to detail an officer to perform any survey work for the ports of this Presidency, which could be efficiently carried out by the local Port officers. The resurvey of Madras harbour and roadstead was considered requisite in order that it might be ascertained whether the places were shoaling as rapidly as the report of Mr. Pogson, the Madras Harbour Trust Board's Engineer, appeared to indicate, and it was considered advisable to have the work undertaken by an expert.

2. In order to obviate the necessity of applying for the services of a Marine Survey officer when survey work of an important nature is required at ports in this Presidency, I would recommend that the Government of India be requested to permit one of the coast Port officers (to be selected by me) being attached to the "investigator" next cold season for the purpose of undergoing a course of training in survey work under the Officer in charge of the Marine Survey of India. Should this meet with the approval of Government, and the Government of India agree to the proposal, I would suggest that the officer so detailed be granted while under instruction the same pay as a Commander, 3rd Grade, R.I.M., viz., Rs. 350 per mensem, plus an allowance of Rs. 4 per diem as admitted to all officers of the Royal Indian Marine on first appointment to the Marine Survey to learn their work as surveyors; on being pronounced competent to carry out the survey of a port, the officer, when required to survey any other port but his own, to receive Rs. 7 per diem while so employed.

3. The enclosures of Marine Department endorsement, No. 318 E., dated 6th May 1897, are herewith returned.

ENCLOSURES.

From Captain E. DEBRATH, Deputy Secretary to the Government of India, Marine Department, to the Secretary to the Government of Madras, Marine Department, dated Simla, 23rd April 1897, No. 390.

I am directed to forward the accompanying copy of a letter * from the Director of the Royal Indian Marine and enclosure, regarding the survey of ports and rivers leading to ports, and to request that the Government of India may

be furnished with the opinion of His Excellency the Governor in Council on the suggestion by Commander Oldham in charge of Marine Survey of India contained therein, so far as the ports under the Government of Madras are concerned.

* No. 1327, dated the 3rd April 1897.

Copy of a letter from the Director of the Royal Indian Marine, to the Secretary to the Government of India, Marine Department, dated Bombay, 3rd April 1897, No. 1327.

With reference to Marine Department No. 61, dated 20th January 1897, I have the honour to forward, for the consideration and orders of the Government of India, the accompanying copy of a letter from Commander C. F. Oldham, R.N., in charge Marine Survey of India, regarding the survey of ports and rivers leading to ports.

In submitting this I would observe that I entirely agree with the remarks of that officer and trust the Government of India may approve of the suggestions made by Commander Oldham as, unless a consecutive policy is carried out, the use of a survey to commence and the work in general is very seriously hampered and retarded.

Copy of a letter from the Officer in charge, Marine Survey of India, to the Director of the Royal Indian Marine, dated Rangoon, 16th February 1897, No. 61.

In continuation of my No. 45, dated 8th February 1897, with reference to the survey of Madras harbour, I have the honour to point out that a good survey of this harbour was made on a very large scale, viz., 24" = 1 mile in 1886; if the fixed positions then used had been retained by the Harbour Board, a resurvey could have been carried out by the Harbour staff, and it would not be necessary to send an officer from the Marine Survey for the purpose. If the Marine Survey Department is continually called upon to make surveys of ports and rivers leading to ports, such as Madras, Rangoon, Calcutta, &c., which have already been thoroughly surveyed on a sufficient scale, nearly the whole of the time at the disposal of the department will be taken up with this work, to the neglect of the survey of the coasts of India—the proper work of the department.

I would therefore suggest that at the following ports and rivers, the Harbour and Port departments be informed that the locality having once been surveyed, the Harbour staff will be expected to keep the charts corrected, making resurveys as necessary, copies of original surveys and triangulations being supplied to them, when possible, for the purpose from this department :—

- | | | |
|-----------------|----------------------|-------------------|
| 1. Aden. | 4. Calcutta. | 7. Bassein river. |
| 2. Karachi. | 5. Chittagong river. | 8. Rangoon. |
| 3. Port Madras. | 6. Akyab. | 9. Moulmein. |

ORDER—No. 487, Marine, dated 26th May 1897.

His Excellency the Governor in Council concurs with Commander Oldham's suggestions, and considers that, as regards the port of Madras, there is no reason why the Harbour Engineer should not hereafter keep the charts corrected, and make resurveys when necessary.

[Here enter No. 488, Marine, dated 26th May 1897.]

(True Extract.)

Under Secretary to Government.

To the Presidency Port Officer.
" Chairman, Harbour Trust Board.

Exd. T. K. Narayana Aiyangar.

Government (1897) of Madras.
MARINE.

Enclosures
1897
Spare copies

Letter, No. 488, 26th May 1897.

MAY.

Marine Surveys

Stating that His Excellency the Governor in Council concurs with Commander Oldham's suggestions that when a locality has been once surveyed by the Indian Marine Department, the Harbour staff should thenceforward keep the charts corrected, and make resurveys when necessary; and that the Madras Harbour Trust Board have been informed accordingly in respect to the port of Madras.

Government {1897} of Madras.
MARINE.

Recd. } 1897. Enclosures
Regd. } Spare copies

Letter, No. 488, 26th May 1897.

MAY.

Marine Surveys

Stating that His Excellency the Governor in Council concurs with Commander Oldham's suggestions that when a locality has been once surveyed by the Indian Marine Department, the Harbour staff should thenceforward keep the charts corrected, and make resurveys when necessary; and that the Madras Harbour Trust Board have been informed accordingly in respect to the port of Madras.

No. 488, MARINE, 26TH MAY 1897.

MARINE DEPARTMENT.

LETTER—from

THE HONOURABLE COLONEL D. MCNEIL CAMPBELL, R.E.,
Secretary to the Government of Madras,
Marine Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
MARINE DEPARTMENT.

SIR,

I am directed to acknowledge the receipt of your letter, No. 390, dated 23rd April 1897, and to inform you in reply that His Excellency the Governor in Council concurs with Commander Oldham's suggestions that, when a locality has been once surveyed by the Indian Marine Department, the Harbour staff should thenceforward keep the charts corrected, and make resurveys when necessary. The Madras Harbour Trust Board have been informed accordingly in respect to the port of Madras.

I have the honour to be,
Sir,
Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

OOTACAMUND,
26th May 1897.

M. T. K. Narayana Aiyangar.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Print into
From the Presidency Port Officer, Madras, No. 637/172 G., dated 11th May

No. 487 Marine of 26 May 1897
His Excellency the Governor in

Council concurs with Commander Oldham's suggestions, and considers that, as regards the port of Madras, there is no reason why the Harbour Engineer should not hereafter keep the charts corrected, and make resurveys when necessary.

To
The P.P.O.
,, Ch.H.T.Bd.

H.E. No. 488 Marine, dated 26 May 1897.

To

The Secretary to the
Government of India,
Marine Department.

Sir,

I am directed to acknowledge the receipt of your letter No. 390 dated 23rd April 1897, and to inform you in reply that His Excellency the Governor in Council concurs with Commander Oldham's suggestions that, when a locality has been once surveyed by the Indian Marine Department, the harbour staff should thenceforward keep the charts corrected,

and

and make resurveys when necessary. The
Madras Harbour Trust Board have been
informed accordingly in respect to the
port of Madras.

I have &c.

[Signature]
26/5/97
M.

[Signature]

[Signature]

Marine P.W. DEPARTMENT.

Marine Surveys

487/1001
26/5/97

READ the following:—

From the Presy. Port Officer, Madras, No. 637/172 G., dated 11th May 1897.

The Hon. Mr. B. S. S. S.

FOR ORDERS.

The trouble and expense involved
in the Presidency Port Officer's
proposals will perhaps be dispropor-
tionate to the advantage likely to
accrue. As regards the port of Madras,
there seems no reason why the Har-
bour Engineer should not hereafter
keep the charts corrected, and make
resurveys when necessary.

2. When an original survey is re-
quired at any place, the services of
an officer of the Marine Survey of
India should perhaps be applied for.
It is not understood that any objec-
tion is raised by the Director of
the Royal Indian Marine to such ap-
plications.

I quite agree. I do
not wish to see the
commencement of this
Int. with Commr. Oldham's
suggestion & inform the
H. T. B. accordingly that
this Dept. must keep
the survey up.

BS
2575797

[Signature]
22/5/97
M.

[Signature]

FOR ORDERS.

) Department.

CP. 554

487
48m

Letter from the
Govt of state for India

Madras Harbour
Forwarding particulars
with plan & tender
of the sand pump
to be recommended
by Sir a Remad
for use in the —

disposed of by A
order to send to
Madras for print

Yesterday God. 374
26.6.97.

The file should
be kept with this
order after issue.

R.P.
28.6.97

541
189
730
330
1060

Marine (1897) Department.

CURRENT No. 705
vide 72067

From

The Presidency Port Officer,
Madras

Order

No. $\frac{637}{172}$ G

Dated 11 May 1897.

Received

Registered

Enclosures 2

Spare copies -

SUBJECT.

suggesting that one of the
Coast Port officers be
selected for training in
Survey work under the officer
in charge of the Marine Survey
of India to perform any
Survey work for the ports in
the Madras Presidency:-

BACK PAPERS.

No.	Date.
318287 6-5-97	
Shaded marks on the back.	

FURTHER PAPERS.

No.	Date.

No. 637/ 1729

Presidency Port Office,
Madras, // 4 May, 1897.

10.

From

Commander H. A. Street, R.I.M.,
Presidency Port Officer,
M A D R A S,

To

The Secretary to Government,
Marine Department,
C H E P A K.

Sir,

With reference to the suggestion made by the Officer in charge, Marine Survey of India, in the copy of his letter No. 61 dated 16th February 1897 which accompanied Government of India letter No. 390, Marine Department dated 23rd April 1897 to the Government of Madras, I have the honour to state that as few, if any, of the local Port Officers have received any training in marine surveying, the correctness of a re-survey of a harbour by such officers would be open to question. As a matter of fact the Officer in charge, Marine Survey of India, has never been asked to detail an officer to perform any survey work for the ports of this Presidency, which could be efficiently carried out by the local Port Officers. The re-survey of Madras Harbour and Roadstead was considered requisite in order that it might be ascertained whether the places were shoaling as rapidly as the report of Mr. Pogson, the Madras Harbour Trust Board's Engineer, appeared to indicate, and it was considered advisable to have the work undertaken by an expert.

2. In order to obviate the necessity of applying for the services of a Marine Survey Officer when survey work of an important nature is required at ports in this

Presidency

269
25-1-97
26/4/97

Marine (1897) Department.

CURRENT No. 627

Q
31848/6: May 1897

Referred to the
Order Presidency Port office
for remarks.

From

The Government of India
Marine Department

No. 390

Dated 23: April 1897

Received 30: April 1897

Enclosures one

Spare copies -

SUBJECT.

Survey of Ports & rivers leading to
Porto

Forwarding copy of a letter from the
Officer in Charge, Marine Survey
of India, regarding the
& requesting that the opinion of the
Marine Govt. on the suggestions therein
contained may be furnished
to that Govt.

BACK PAPERS.

G.O.	No.	Department.	Date.
194	73	3-97	
132	25	2-97	
69	25	1-97	
15-16	5	1-97	
5035	24	2-96	
566	12	11-96	
400	12	12-96	
834	1	12-96	
814	24	11-96	
813	23	11-96	
709	14	10-96	
668	29	9-96	
588	28	5-96	
536	4	1-96	
449	50	1-20-6-96	

FURTHER PAPERS.

of this Harbour was made on a very large scale viz: 24" = 1 mile in 1886; if the fixed positions then used had been retained by the Harbour Board a resurvey could have been carried out by the Harbour Staff, and it would not be necessary to send an officer from the Marine Survey for the purpose. If the Marine Survey Deptt is continually called upon to make surveys of ports, and rivers leading to ports, such as Madras, Rangoon, Calcutta &c., which have already been thoroughly surveyed on a sufficient scale, nearly the whole of the time at the disposal of the Department will be taken up with this work, to the neglect of the survey of the coasts of India - the proper work of the Deptt.

I would therefore suggest that at the following ports and rivers, the Harbour and Port Departments be informed that the locality having once been surveyed the Harbour Staff will be expected to keep the charts corrected, making resurveys as necessary, copies of original surveys and triangulations being supplied to them, when possible, for the purpose from this Department:-

- | | | |
|-----------------|----------------------|-------------------|
| 1. Aden. | 4. Calcutta | 7. Bassein river. |
| 2. Karachi. | 5. Chittagong river. | 8. Rangoon. |
| 3. Port Madras. | 6. Ukyah. | 9. Moulmein. |

W. B. Rutledge

Super. Marine Deptt.

Navigation Marine Surveys.

It is requested that the above heading, with number and date of this communication, may be quoted in any subsequent correspondence on this subject.

TO

THE SECRETARY TO THE GOVERNMENT OF MADRAS.

Marine Department,

Sir,

I am directed to forward the accompanying No. 1327, dated the 3^d April 1897. } copy of a letter from the Director of the Royal Indian Marine and enclosure, regarding the survey of ports and rivers leading to ports, and to request that the Government of India may be furnished with the opinion of His Excellency the Governor in Council on the suggestion by Commander Oldham in charge of Marine Survey of India contained therein, so far as the ports under the Government of Madras are concerned.

I am,

Sir,

Your most obedient servant.

W. B. Rutledge

By: Secy. to the Govt. of India.

Copy to:-
The Govt. of Bengal.
The " " Bombay
The C. C. Burma.

No. 390
GOVERNMENT OF INDIA.

MARINE DEPARTMENT.

Simla, the 23^d April (?)
May 1897.

250

830

mar 9/19
705/97