

(1) Number of pages 11

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public works* **DEPARTMENT.**

G.O. No. 2002.	Press
521-22.	Mis.
Dated 31	1871.

Not to be folded or roughly handled*3/6/44*

16

*Proceedings of the Madras Government, Public Works Department,
31st July 1871.*

No. 521. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 1st July 1871, No. 1,067 :—

ADVERTING to G. O. of the 19th instant, No. 1,640, I have the honour to state the gauge for the sea dredge boilers is marked up to 120 lbs. It is now so many years ago since these were sent out, I can find nothing regarding any of the specifications which were sent out with them. The Overseer in charge, and who has frequently used the dredges, states he never works up to more than 12 lbs. pressure and that in deep water, and that he received orders to that effect from the Mechanical Engineer formerly in charge.

2. The engines are condensing engines, and, as far as I have seen, work very well in the ordinary tidal way.

3. The drawing is herewith returned as there is no occasion to make a working drawing, as there was an error in

Two boilers are required. stating the gauge readings for the pressure required in the boiler, and the form of ordinary construction will answer all purposes.

No. 522. ORDER THEREON, 31st July 1871, No. 2,002.

CIVIL WORKS, No. 34.

ORDERED that this letter and its enclosure be forwarded to the Home Government.

(True Extract.)

Captain, R.E.,
Under Secretary to Government.

To the Acting Superintending Engineer, 1st Division.

Erd. S. T. Augustin.

PUBLIC WORKS DEPARTMENT.

No. 11 of 1871.

TO THE RIGHT HONOURABLE
THE SECRETARY OF STATE FOR INDIA.

My Lord Duke,—In reply to your Grace's Despatch of the 18th May 1871,
Dated 31st July 1871, No. 2,002. No. 9, we have the honour to forward
the accompanying copy of our Proceedings, from which it will be observed that the highest reading on the gauge for the
sea dredge boilers referred to therein was erroneously stated as what the working
pressure should be.

2. The drawing received with your letter under acknowledgment is
herewith returned, and although it is reported by the Superintending Engineer of
the Division that the man in charge of the dredges never works them at a greater
pressure than 12lbs., we are advised that, if it is not considered objectionable by
the Surveyor of Shipping, it will be preferable that the boilers to be supplied
in accordance with the drawing should be constructed for a pressure of 45 lbs.
Two boilers are required.

We have the honour to be,

My Lord Duke,

Your Grace's most obedient
and humble servants,

OOTACAMUND,
11 August 1871.

Erd. S. T. Augustin.

FORT SAINT GEORGE.
PUBLIC WORKS DEPARTMENT.

Letter to the Right Honourable
the Secretary of State for
India.

Dated 14th August
No. 17 of 1871.

FURNISHING certain information respect-
ing the sea dredge boilers required on Indent
No. 1,037 of 1870.

76 SUPERINTENDING ENGINEER'S OFFICE, 1ST DIVISION
DOWLAISHWARUM, 1st July 1871.

No. 1067

From

Major J. S. Fischer R.E.
Acting Superintending Engineer

1st Division

To

Colonel J. Carpenter M.E.

Secretary to Government D. P. W.

MADRAS

SIR,

Referring to J.O. of the 19th Instant
No. 1067, I have the honor to state, the gauge for
the sea dredge boilers is marked up to 120 lbs.
It is now 20 years ago since these were
sent out, I can find nothing regarding any of
the specifications which were sent out with them.
The messenger in charge, and who has frequently
used the Chicago States, he never works up
to more than 12 lbs pressure, and that in deep
water, and that he received orders to that effect
from the Mechanical Engineer formerly in
charge. The engines are condensing engines,
and as far as I have seen, work very well
in the ordinary tidal way.
The drawing is herewith returned, as
there is no occasion to make a working drawing,
as there was an error in stating the gauge
readings for the pressure required in the boiler,
and the form of ordinary construction will an-
swer all purposes.

I have the honor to be
Your most obedt servant

W. T. Fisher Major R.E.
Acting Engineer 1st Div.

Boilers
are safe
J.S.F.

No 1708/1871

Public Works Department

No 2002

Proceedings of the Madras Government
Under date the 31st July 1871

Read the following

From the Supg Engineer 1st Div. H. C. No 1067 of 1st July 1871

Ordered that this
letter and its enclosure
be forwarded to the
Home Government.

Eng. 1st Div. H. C.
Dec 12 1/5/71

G. A.

The Right Honorable
the Secretary of State
for India
My Lord Duke

In reply to your
Grace's Despatch of the
18th May 1871 to g me
have the honor to forward

ORDER to Eng. 1st Div.
No 1067 of 1871

1st Div. H. C. No 1067 of 1st July 1871
the Supg Engineer
1st Division

The Secretary to Govt

Madras

Dated 1st July 1871
Recd 8 July 1871

No 1167

Forwarded certain in-
formation regarding
the de Bridge Boilers

No 2002. 31 July 1871

Oct 5/71

No 14/10/1871

the accompanying copy of
our Proceedings from which
it will be observed that
the highest reading on
the gauge for the dredge
boilers referred
to therein was erroneously
stated as what the
working pressure should
be.

The drawing received
with your letter under
acknowledgement
is herewith returned,
and although it is
reported by the Chief
Eng^r of the Division
that the man in charge
of the dredges never

116
works them at a greater
pressure than 12 lbs - we
are advised that, if it
is not considered objec-
tionable by the Surveyor
of shipping, it will be
preferable that the
boilers to be supplied
in accordance with the
drawing should be
constructed for a
pressure of 45 lbs.
Two boilers are required.

J. J. 17th July

Fort St George
(2)
Public Works Department

Letter to the Right Honorable
the Secretary of State for India

Dated 14 August 1871 No 17
Original & Copy sent per Circular
Mail on the 19th Aug 1871

Copy sent to the Govt
of India on the 19th Aug 71

Furnishing certain
information respecting the
Sea Dredge Boilers required
in Indent No 1037 of 1870.

CV 23231

PUBLIC WORKS.

To The Agent for the
1st Division

Dated,

Rec'd.

G. O. 31st July 1871, No. 2002.

Nos. 17/4522

Sea Breeze No. 101. Papering on
a letter from the Publisher of
the "S. Farming" information
respecting the Sea Breeze No. 101.