MRO 1—77,006—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 70 Press Mis.

134-35

Dated 7. 1 1870.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 7th January 1870.

No 134. Read the following letter from the Master Attendant, Administrative Department, Madras, to the Secretary to Government, Public Works Department, dated Madras, 8th December 1869, No 6,882 —

I HAVE the honour to bring to the notice of Government the following circumstances in connexion with the new revolving dioptric light lately fixed on the column at Hope Island by the Superintending Engineer, 1st Division, and to solicit an expression of opinion as to the best mode of remedying the present unsatisfactory working of the revolving apparatus.

2. The new light was first exhibited on the 2nd of November 1868, and shortly afterwards complaints were received from commanders of vessels regarding the irregularity of the eclipses In June last, the Master Attendant, Cocanada, reported to this office that the light did not work satisfactorily, and after a personal inspection that he was of opinion the defect lay in the chain, attached to the weights of the revolving apparatus, being led *outside* of the column instead of inside the building perpendicularly.

3. The Superintending Engineer was at once communicated with and asked to remedy the defect by altering the lead of the chain from outside to inside, by making a narrow well in the newel if practicable. This officer gave it as his opinion that this plan was impracticable, and that, as the building had already been built upon some years ago, it was unadvisable to meddle with the newel

4. The Executive Engineer of the district suggested that the solid newel be removed for twenty-five feet and three timber floors be laid with ladders for communicating with the lantern or otherwise, but if objections were raised to the removal of the newel, that only fourteen feet thereof be removed, though this last method would render the necessity of the clock work being wound up oftener than at present.

5. It is very evident that the present mode of leading the chain requires alteration, and, therefore, I bring the matter to the notice of Government with a view to some well-devised plan being adopted for remedying the defect.

6. I may state, in conclusion, that the Superintending Engineer has remarked that it would be far more advisable to build a new light-house altogether than to attempt to make any alterations in the present column.

No. 135. ORDER THEREON, 7th January 1870, No. 70.

CIVIL WORKS, No. 11.

COMMUNICATED to the Superintending Engineer of the 1st Division, who will furnish a plan showing the method adopted for working the revolving apparatus, with such suggestions as he may have to offer for remedying the defect complained of.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 1st Division.
,, Marine Department.

Ex! A S Rodgers.

Administrative Department.

No. 6882. 20

From

The Master Attendant
Administrative Department
Madras.

To

The Secretary to Government
Public Works Department
Fort Saint George.

Sir

I have the honour to bring to the notice of Government the following circumstances in connection with the new revolving dioptric light lately fixed on the Column at Hope Island by the Superintending Engineer 1st Division and to solicit an expression of opinion as to the best mode of remedying the present unsatisfactory working of the revolving apparatus.

2 The new light was first exhibited on the 2nd of November 1868 and shortly afterwards complaints were received from Commanders of vessels, regarding the irregularity of

of the eclipses. In June last, the Master Attendant Cocanada reported to this office that the light did not work satisfactorily, and after a personal inspection that he was of opinion the defect lay in the chain attached to the weights of the revolving apparatus being led outside of the column instead of inside the building perpendicularly.

3 The Superintending Engineer was at once communicated with and asked to remedy the defect by altering the lead of the chain from outside to inside by making a narrow well in the newel if practicable. This officer gave it as his opinion that this plan was impracticable, and that as the building had already been built upon some years ago, it was unadvisable to meddle with the newel.

4 The Executive Engineer of the district suggested that the solid newel be removed for 25 feet, and 3 timber floors be laid with ladders for communicating with the lantern, or otherwise, but objections were raised to the removal of the newel, that only 14 feet thereof be removed, though this last method would render the necessity of the clock work being wound up oftener than at present.

5 It is very evident that the present mode of leading the chain requires alteration, and I therefore bring the matter to the notice of Government with a view to some well devised plan being adopted for remedying the defect.

6. I may state in conclusion that the Superintending Engineer has remarked that it would be far more advisable to build a new lighthouse altogether, than to attempt to make any alterations in the present column.

I have the honour to be
Sir
Your most obedt. Servant

Madras Marine Office 8th December 1869.

W. D. S. Debenpeile
Master Attendant
Administrative Department

Rd.
No. 70 70 70

Proceedings of the Madras Govt
under date the 7th June 70
Read the following:-

From the Master Attendant
Madras
} M. R. No 6882 of 8th Dec/69

Communicated to
the Supg Engr of the 1st
Dn who will furnish a
plan showing the method
adopted for working the
revolving apparatus, with
such suggestions as he
may have to offer for
remedying the defect
complained of.

To The Supg Engr 1st Dn
Marine Dept
Dec 8/70

From Capt. R. P. Hall
Asst Engr 1st Dn
To Master Attendant
Madras

Dated 8th Dec/69
Rec'd [illegible]

No 6882

Sir

I have the honor to report for the information of the Secretary to Govt Public Works Dept that the Light on the Pulicat Bar was extinguished on the night of the 13th Inst.

The cause of the failure was the breaking of the Lamp Glass, which was replaced by a spare one on the following morning.

I am Sir
Your obedient Servant
R. P. Hall
Capt. Engrs
Asst Engr 1st Dn

No 70-7-Jan 70

5171

Govt. of [1869] Madras.

PUBLIC WORKS

To

The Superintending Engr.
1st Division

Dated

Rect

G O 7 Jan 70 No 70

Nos. 134 - 135

Light Lantern. The Supdg. Engr. directed to submit a plan of the revolving apparatus of the Light Lantern recently fixed on the Column at Hope Island, Coromandel with such suggestions as he may have to offer for remedying the defect brought to notice by the Master Attendant