

DISCLOSED ISL



Lloyd's Register of Shipping,

Bank Chambers,
2, Freeman Street,

RECEIVED

115 DEC 1950

Ans. [Signature]

Grimsby,

14th December, 1950.

Dear Sir,

Reference
classn.

Light House Tender "READY" (Built 10,47)

In accordance with instructions in your letter of the 5th instant, this vessel has been examined in dry dock here in company with Mr. Clark, the Owners' Superintendent.

Bottom plating of vessel cleaned, an examination made of the bottom generally and the following points noted:-

Corrosion takes three forms:-

- (1) Pitting with small and more extensive areas also, a form of grooving
- (2) Corrosion of plating to depth of 3/16" to 1/4" in patches of various size particularly at the aft end in plate and plate edges
- (3) 4,000 or more rivet points corroded, many below countersink.

Corrosion spreads over the bottom generally but is severe at forward and after ends.

The existing bottom coating is stated to be of the usual wellknown brands supplied by International Paint Co.

Vessel's service as light house tender has been carried out in the lower reaches of the River Thames up to Blackwall and at Harwich. She does not lie aground or for any length of time in one berth.

Bronze propellers are now to be replaced by cast iron. The corrosion is most marked in this vicinity. The zinc plates as fitted in way of the propellers are considered to be quite inadequate for any useful purpose. The zinc plates and fastenings in way of underwater fittings are badly disintegrated or missing.

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At the last docking in August, 1949 some corrosion of plates, plate edges and rivet points was noted as follows:-

P.S. B.12, 13. C.13, 14, 15, 16. D.10, 11, 12, 13, 14.
E.11, 12.

S.S. B.13. C.15, 16. D.11, 12, 13, 14, E.11, 12, 13.

and these were thoroughly cleaned and coated (four coats) with Silver Primacon (International Paint Co.) covered by one coat of anti-fouling.

This has, in the main, kept the plating in good condition but not the rivet points.

Arrangements have been made to obtain test pieces from defective and sound plating and rivets. These will be forwarded to Mr. Lewis, Glasgow, to enable mechanical and chemical tests to be made.

The Owners have also had test pieces sent to Messrs. Edgar Allen, Sheffield for a similar purpose.

A thorough test of the electrical installation is to be made by the Owners' Superintendent.

It is the Owners' intention so far to renew or part renew about four plates, fit doublings and others thoroughly clean to bare metal all defective parts and to apply four coats of Silver Primacon. About 4,000 rivets will be renewed.

The vessel will be drydocked for further examination in about three months.

We are, Dear Sir,
Yours faithfully,
The Surveyors,

Per:-

G. B. Rouse

The Secretary,
LONDON.



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Lloyd's Register
Foundation

SHARP 2
CLASSIFICATION

#1

RJ

Mr. Harris will let us know what further information.
if any, he will require to complete his investigation on this case.
(Result of discussion with him at London)
J.Y. 20/12



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