

COPY

26th October 1949.

Dear Sirs,

H.M.I.S. "CALCUTTA".

We are in receipt of your letter of the 17th inst. together with boiler data sheet in the case of the above vessel and in reply have to advise you as follows, viz:-  
CLASSIFICATION OF SHIPS NOT BUILT UNDER SURVEY.

Hull. - When classification is desired for a ship not built under the supervision of the Society's Surveyors, application should be made to the Committee in writing.

Plans showing the main scantlings and arrangements are to be submitted for approval. These should comprise Midship Section, Longitudinal Section and Decks, and such other plans as may be requested. If plans cannot be obtained or prepared by Owners, facilities are to be given for the Society's Surveyors to take the necessary information from the ship.

Particulars of the process of manufacture and testing of the material of construction should be furnished.

The full requirements of the Periodical Special Survey (C) are to be complied with, except in a ship 20 years old or over, in which case Periodical Special Survey (D) is to be carried out. During the survey the Surveyors will satisfy themselves regarding the workmanship and verify the approved scantlings and arrangements. For this purpose, and in order to ascertain the amount of any deterioration, parts of the structure will require to be drilled as necessary. Full particulars of the anchors, chain cables and equipment are to be submitted.

Ships of recent construction will receive special consideration.

When the full survey requirements indicated above cannot be completed at one time, the Committee will consider granting an Interim Record with conditions regarding the completion of the survey. These conditions will depend on the merits of each particular case, which should be submitted for consideration.

Machinery. - To facilitate the survey, plans of the following items together with the particulars of the materials of important forgings, also of those used in the construction of the boilers and air receivers, should be furnished:-

STEAMERS.

- (a) Boilers, superheaters and economisers.
- (b) Arrangement and drainage of steam pipes.

OIL ENGINE SHIPS.

- (a) Crank, thrust, intermediate and screw shafting.
- (b) Clutch, reversing and reduction gear.



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## STEAMERS

- (c) Arrangement of boiler feed system.
- (d) Crank, thrust, intermediate and screw shafting.
- (e) Reduction gear.
- (f) Oil fuel pumping arrangements, and oil fuel tanks not forming part of the structure of the ship.
- (g) Bilge and ballast pumping arrangements.
- (h) Electrical circuits.

## OIL ENGINE SHIPS

- (c) Air receivers.
- (d) Oil fuel pumping arrangements and oil fuel tanks not forming part of the structure of the ship.
- (e) Bilge and ballast pumping arrangements.
- (f) Boilers.
- (g) Electrical circuits.

The main and auxiliary machinery, also steam pipes, feed pipes, compressed air pipes and boilers are to be examined as required for Periodical Special Surveys, and their working pressures are to be determined from their actual scantlings in accordance with the Rules.

The screw shaft is to be drawn and examined.

The bilge, ballast and oil fuel pumping arrangements are to be examined and amended as necessary to comply with the Rules.

Oil burning installations are to be examined as required for Periodical Special Surveys and found, or amended, to comply with the requirements of the Rules; they are also to be tested under working conditions.

The electrical equipment is to be examined as required at Periodical Special Surveys.

The whole of the machinery is to be tried under working conditions to the Surveyors satisfaction.

Yours faithfully,

SD/R.E.P.  
p.p. The Surveyors.

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