



Steel S.S. "P.N. Dam"

examined and tested. The steam pipes 3" bore and above examined and tested by hyd. pressure to twice the W.P. The electric installation examined and tested as required by the rules.

The 2 main boilers examined internally and externally and found good with superheaters, economisers, safety valves, manholes and doors, steam pipes and mountings.

The safety valves adjusted under steam to 210 lbs./sq. in. The oil fuel burning - and steam smothering installations examined and tested under working conditions.

Alterations:

The vessel has now been converted to carry and burn oil used as fuel and a complete "Todd" oil burning unit No. 1740 as required by the Rules has now been installed as per Cert. No. D26885 dated London 4 February, 1952 and enclosed.

The amendment and fitting of tanks and alterations of the pumping arrangements has been carried out in accordance with the Rules and as per Plan No. 14156 enclosed.

The pipes and connections have been installed and tested as required in the Secretary's letters. The fire extinguishing apparatus has been brought up to Rule requirements and examined.

The funnel damper has been removed.

The necessary starting up oil fuel unit and transfer pumps has been installed and fitted with gears controlled as per Rules.

The heating coils in D.B. tanks installed and tested as per Rules. A 10m<sup>3</sup> fuel oil tank for the diesel aux. engine has now been placed on the main deck port side, examined and tested as per Rules.

The funnel suction blower replaced by a new pressure blower placed in the engine room.

The whole electrical installation has been examined and tested as required by the Rules.

On completion of installation all valves to tanks, gears to deck, control of pumps and the oil fuel burning unit were tested and found to work satisfactory.

Also the water tight door was tested and found in order.

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Steel Ste. "P.N. Dam"Wear- and Tear Repairs:Starboard boiler:

Starb. C.C.: 44 plain tubes removed

Cenbr. C.C.: 31 — — — — —

Port C.C.: 34 — — — — — and 1 stay tube removed.

Port boiler:

Starb. C.C.: 31 plain tubes removed.

Cenbr. C.C.: 31 — — — — — and 12 stay tubes removed.

Port C.C.: 11 — — — — — 2 — — — — —

Main engine:

All piston rods taken into shop and skimmed over and stuffing boxes removed.

All crosshead pins skimmed over and bearings reinstalled.

The cooling water spaces of the quill-shots cleaned and recoaled.

All pumps taken into shop and overhauled complete.

The ballast pump removed.

The water and pump house of the air pump removed.

The whole machinery and boilers tested under working conditions and found to work satisfactory.

J. Møller.

Interim Certificate issued - copy enclosed.