

# REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

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Date of writing Report 19... When handed in at Local Office 19... Port of HULL.

No. in Survey held at HULL. Date, First Survey 2.1.45. Last Survey 19-12-1945.  
 Reg. Book 5th TRAWLER BRACONGLAN (Number of Visits 17)

on the Admiralty N J 2694 (Cochrane's Sul order N° 1289)

Built at Liverpool By whom built Rich & Co. Liverpool Yard No. 377 Tons { Gross  
 Engines made at HULL By whom made Amos & Smith Ltd Engine No. 746 When built 1949  
 Boilers made at... By whom made... Boiler No. ... When made 1945.

Registered Horse Power... Owners... Port belonging to...

Nom. Horse Power as per Rule... Is Refrigerating Machinery fitted for cargo purposes... Is Electric Light fitted.

Trade for which vessel is intended...

**ENGINES, &c.**—Description of Engines TRIPLE EXPANSION

Dia. of Cylinders 13 1/2", 23", 38" Length of Stroke 27" No. of Cylinders 3 Revs. per minute...  
 Crank shaft, dia. of journals as per Rule 7.5" as fitted 7 7/8" Crank pin dia. 7 7/8" No. of Cranks 3  
 Intermediate Shafts, diameter as per Rule... as fitted... Thrust shaft, diameter at collars as per Rule... as fitted...  
 Tube Shafts, diameter as per Rule... as fitted... Screw Shaft, diameter as per Rule... as fitted...  
 Is the { tube / screw } shaft fitted with a continuous liner { }  
 Bronze Liners, thickness in way of bushes as per Rule... as fitted... Thickness between bushes as per Rule... as fitted...  
 Is the after end of the liner made watertight in the propeller boss...  
 If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner...  
 If the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive...  
 If two liners are fitted, is the shaft lapped or protected between the liners... Is an approved Oil Gland or other appliance fitted at the after end of the tube at...  
 Propeller, dia... Pitch... No. of Blades... Material... whether Moveable... Total Developed Surface... sq. feet  
 Feed Pumps worked from the Main Engines, No... Diameter... Stroke... Can one be overhauled while the other is at work...  
 Bilge Pumps worked from the Main Engines, No... Diameter... Stroke... Can one be overhauled while the other is at work...  
 Feed Pumps { No. and size... How driven... } Pumps connected to the Main Bilge Line { No. and size... How driven... }  
 Ballast Pumps, No. and size... Lubricating Oil Pumps, including Spare Pump, No. and size...  
 Are two independent means arranged for circulating water through the Oil Cooler... Suctions, connected to both Main Bilge Pumps and Auxiliary Bilge Pumps:—In Engine and Boiler Room... In Pump Room... In Holds, &c...

**Main Water Circulating Pump Direct Bilge Suctions, No. and size**... **Independent Power Pump Direct Suctions to the Engine Room Bilges,** No. and size...  
 Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes...  
 Are the Bilge Suctions in the Machinery Space led from easily accessible mud-boxes, placed above the level of the working floor, with straight tail pipes to the bilges...  
 Are all Sea Connections fitted direct on the skin of the ship... Are they fitted with Valves or Cocks...  
 Are they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates... Are the Overboard Discharges above or below the deep water line...  
 Are they each fitted with a Discharge Valve always accessible on the plating of the vessel... Are the Blow Off Cocks fitted with a spigot and brass covering plate...  
 What Pipes pass through the bunkers... How are they protected...  
 What pipes pass through the deep tanks... Have they been tested as per Rule...  
 Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times...  
 Is the arrangement of Valves and their connections such as to prevent the possibility of water passing from the sea or from water tanks into the cargo or machinery spaces, or from one compartment to another... Is the Shaft Tunnel watertight... Is it fitted with a watertight door... worked from...

**MAIN BOILERS, &c.**—(Letter for record... ) Total Heating Surface of Boilers...  
 Which Boilers are fitted with Forced Draft... Which Boilers are fitted with Superheaters...  
 No. and Description of Boilers... Working Pressure 200 lb (per Crane's P)

**IS A REPORT ON MAIN BOILERS NOW FORWARDED?**...  
**IS A DONKEY BOILER FITTED?**... If so, is a report now forwarded?...

Can the donkey boiler be used for domestic purposes only...  
**PLANS.** Are approved plans forwarded herewith for Shafting 17.7.39 Main Boilers... Auxiliary Boilers... Donkey Boilers...  
 Superheaters... General Pumping Arrangements... Oil fuel Burning Piping Arrangements...

**SPARE GEAR.**

Has the spare gear required by the Rules been supplied...  
 State the principal additional spare gear supplied...

The foregoing is a correct description.

Manufacturer.



