

Rpt. 13.

No. 58164

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

8-MAR-1952

7-MAR-1952

HULL.

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

No. in Survey held at Hull. Date, First Survey 16.1.52 Last Survey 24.2.19 52
Reg. Book. (No. of Visits 4)

07065 on the Motor Trawler "DAUNTLESS STAR". Tons { Gross 132 Net 42

Built at Selby. By whom built Cochrane & Sons, Ltd. Yard No. 1331 When built 1948

Owners Boston Deep Sea Fishing & Ice. Co. Ltd. Port belonging Lowestoft.

Installation fitted by Wm. Broady & Son. When fitted -

Is vessel equipped for carrying Petroleum in bulk No Is vessel equipped with D.F. No E.S.D. Yes Gy.C. No Sub.Sig. No Radar No

Plans, have they been submitted and approved Yes System of Distribution Two wire Voltage of Lighting 220

Heating 220 Power 220 D.C. or A.C., Lighting D.C. Power D.C. If A.C. state frequency -

Prime Movers, has the governing been found as per Rule when full load is thrown on and off Yes Are turbine emergency governors fitted with a trip switch - Generators, are they compound wound Yes, and level compounded under working conditions Yes

Are the generators arranged to run in parallel No Is the compound winding connected to the negative or positive pole Negative

Have machines 100 kw. and over been inspected by the Surveyors during manufacture and testing - Have certificates of test for machines under 100 kw. been supplied and the results found as per Rule - Position of Generators Aux. driven generator Port side E.R. Main engine driven generator at forward end of E.R.

Is the ventilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury and damage from water, steam and oil Yes Switchboards, where are main switchboards placed Aft. end of E.R. on lower platform.

are they in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water, steam and oil Yes, what insulation is used for the panels "SINDANYO", if of synthetic insulating material is it an Approved Type Yes, if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom as per Rule - Is the construction as per Rule, including locking of screws and nuts Yes Description of Main Switchgear for each generator and arrangement of equaliser switches Double pole double throw quick break knife switches and double pole fuses.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Double pole single throw quick break knife switches and double pole fuses.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule - Instruments on main switchboard One ammeters One voltmeters - For compound machines in parallel are the ammeters and reverse current protection devices connected on the pole opposite to the equaliser connection - Earth Testing, state means provided Lamps coupled to earth via switches and fuses Preference Tripping, state if provided - and tested -

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes Sanders & Dorman make of fuses Smith, are all fuses labelled Yes If circuit breakers are provided for the generators, at what overload do they operate - and at what current do the reverse current protective devices operate -

Cables, are they insulated and protected as per Rule Yes, if otherwise than as per Rule are they of an Approved Type - state maximum fall of pressure between bus bars and any point under maximum load 3 volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends Yes

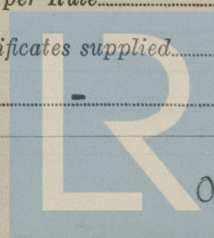
Are all the cable runs in accessible positions not exposed to drip or accumulation of water or oil, high temperatures or risk of mechanical damage Yes, are any cables laid under machines or floorplates Yes, if so, are they adequately protected Yes. State type of cables (if in conduit this should also be stated) in machinery spaces L.C.A. & B. galleys L.C.A. & B. and laundries -

State how the cables are supported or protected In Machinery spaces exposed positions etc. L.C.A. & B. clipped to steel trays or direct to steelwork, in accommodation etc. L.C. clipped to wood battens or direct to woodwork.

Are all lead sheaths, armouring and conduits effectually bonded and earthed Yes Are all cables passing through decks and watertight bulkheads provided with deck tubes or watertight glands Yes, where unarmoured cables pass through beams, etc., are the holes effectively bushed Yes Refrigerated chambers, are the cables and fittings as per Rule -

Have refrigeration fan motors been constructed under survey - and test certificates supplied -

Are the motors accessible for maintenance at all times -



© 2021

Lloyd's Register Foundation
012501-012507-0223 1/2

Insulation Tests, has the insulation resistance of all circuits and apparatus been tested and found satisfactory. **Yes.**

The Electrical Equipment is installed in accordance with the approved plans and the requirements of the Rules.

All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.

The foregoing is a correct description.

Electrical Contractors. Date

COMPASSES.

Have the compasses been adjusted under working conditions. Yes

Builder's Signature. Date

Have the foregoing descriptions and schedules been verified and found correct. Yes

Is this installation a duplicate of a previous case. No If so, state name of vessel. -

Plans. Are approved plans forwarded herewith. Yes If not, state date of approval. -

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith. No

General Remarks. (State quality of workmanship and materials, opinions as to class, etc.)

The installation of this vessel is similar to ships of this type which are built under class, the materials used are of good quality and the workmanship is good.

The equipment has been tried under working conditions with satisfactory results and the insulation resistance of all circuits and apparatus measured and found good.

This electrical installation is in my opinion suitable for a classed vessel.

Noted 24.3.52

Total Capacity of Generators 16 Kilowatts.

The amount of Fee ... £ 26 : 0 : 0 When applied for, Trawl winch

See Rpt 90

When received,

Travelling Expenses (if any) £ : : 19

Surveyor to Lloyd's Register of Shipping.

Committee's Minute. FRI. 28 MAR 1952

Assigned. See F.E. mch. rpt.



© 2021

Lloyd's Register Foundation