

Rpt. 13.

No. 83397

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

27 APR 1955

Date of writing Report 23-3-1955 When handed in at Local Office 8.4.1955 Port of GLASGOW

No. in Survey held at GREENOCK Date, First Survey 13.12.54 Last Survey 16.3.1955
Reg. Book. (No. of Visits 8)95744 on the M.V. "SCOTTISH HAWK" Tons { Gross 11147.61
Net 6185.24

Built at GREENOCK By whom built GREENOCK DOCKYARD Co LTD Yard No. 483 When built 1955

Owners SCOTTISH TANKER CO. LTD. Port belonging to GLASGOW

Installation fitted by ARCHD. WATSON & DUNDAS LTD. When fitted 1955

Is vessel equipped for carrying Petroleum in bulk YES Is vessel equipped with D.F. YES E.S.D. YES Gy.C. YES Sub.Sig. — Radar YES

Plans, have they been submitted and approved YES System of Distribution Two wire Voltage of Lighting 110

Heating — Power 110 D.C. or A.C., Lighting DC Power DC 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 YES 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 YES Have certificates of test for machines under 100 kw. been supplied and the results found as per Rule YES

Position of Generators Two 150 KW Diesel sets at port side of engine room. One 75 KW steam set on flat port side forward end of engine room.

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 On flat, port side, forward engine room bulkhead.

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 Triple pole circuit breakers fitted with overcurrent and reverse current trips.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Double pole circuit breakers fitted with overcurrent trips, or double pole knife switch and fuses.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule YES Instruments on main switchboard 3

ammeters 3 voltmeters — synchronising devices. For compound machines in parallel are the ammeters and reverse current protection devices connected on the pole opposite to the equaliser connection YES

Earth Testing, state means provided Earth lamps Preference Tripping, state if provided No, and tested —

Switches, Circuit Breakers and Fuses, are they as per Rule YES, are the fuses an Approved Type YES

make of fuses Siemens Zed, are all fuses labelled YES If circuit breakers are provided for the generators, at what overload do they operate 150% full load current

and at what current do the reverse current protective devices operate 10-15% full load current 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 less than 6 1/2 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 LCAB & LC, galleys LCB

and laundries LCB State how the cables are supported or protected Machinery spaces LCAB & LC

cables clipped to steel plate, perforated tray or steelwork Main LCAB cables clipped to steel plate or perforated tray Accommodation LCB cables clipped to woodwork or steelwork

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 Domestic Refrig only

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

Are the motors accessible for maintenance at all times —

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.

Arch. Watson & Son Ltd
Walsall (Winstor).

Electrical Contractors.

Date *24-3-55*

COMPASSES.

Have the compasses been adjusted under working conditions.....

Yes

THE GREENOCK DOCKYARD CO. LTD.

David Brown

SECRETARY

Builder's Signature.

Date *1st April 1955*

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.....

No

If not, state date of approval.....

7-1-1955

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith.....

Yes

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

The electrical installation of this vessel has been fitted on board under Special Survey, tested under working conditions and found satisfactory. The quality of materials and workmanship is good.

Total Capacity of Generators.....

375

Kilowatts.

The amount of Fee ...

£ 98 : 5 :

When applied for,

1/5th to London

£ 19 : 13 :

as per 19

4/5th to Glasgow

£ 78 : 12 :

When received,

Travelling Expenses (if any) £ — : 16 : 6

London

Glasgow

£ 1 : 12 : 6

Fred B. Mont

Surveyor to Lloyd's Register of Shipping.

Committee's Minute.....

GLASGOW 26 APR 1955

Assigned.....

See GRR FE. MCHY. Rpt. 25341



© 2021

Lloyd's Register
Foundation

SMC
8/4/55

7.
AGL
3.5.55