

Rpt. 13.

No. 40798C

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 03 FEB 1956

Date of writing Report 3rd Jan 1956 When handed in at Local Office 19 Port of Rotterdam

No. in Survey held at Deest Date, First Survey 13-10-55 Last Survey 10-12-1955
Reg. Book.

35087 on the m.s. "STAN WOOLAWAY" (No. of Visits 3)

Built at Deest By whom built Schepwerf Gebr. v.d. Werf Yard No. 261 When built 1955

Owners W. Woolaway & Sons, Ltd. Port belonging to Barnack, Fla.

Installation fitted by C. Alewijnse & Co. When fitted 1955

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

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

Heating 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 Yes Position of Generators Engine room port side and

Engine room aft and main deck platform engine room top

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 Main deck platform engine room top

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 Metal clad type, if of synthetic insulating

material is it an Approved Type, 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 change over switch and fuses

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Double pole switch and fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 2
ammeters 1 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 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 Weber, 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 Under 6% volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends

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 V.R.L.C. M.B., galleys V.R.L.C. M.B.

and laundries State how the cables are supported or protected

Machinery spaces Chopped to steel tray

Accessories Chopped to wood ground

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

02352/

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.

G. ALEWIJNSE & Co's
ELECTROTECHN. BUREAU
ROTTERDAM

Electrical Contractors.

Date 16-1-56

COMPASSES.

Have the compasses been adjusted under working conditions.

Yes

J. van der Werf
Scheepswerk J.G.B.B. VAN DER WERF
BEEFT

Builder's Signature.

Date 17th Jan '56

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.

24th October 1955

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

Generators to follow

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

To complete the survey the following item remains to be done: Automatic voltage regulator to be fitted for control of voltage of shaft driven generator

To complete the owners specification: Automatic battery starting equipment of emergency generator to be fitted. Copy of letter to Plymouth Surveyors attached. Vessels owner stated that these items would be completed on vessels arrival in U.K.

The remaining electrical equipment of this vessel has been installed under special survey in conformity with the Society's Rules and Regulations and in accordance with the Secretary's letter and the approved plans or equivalent thereto.

The materials used are of a good quality and the design and workmanship are good. On completion the equipment has been tried out under full working conditions and found satisfactory.

This equipment is in my opinion suitable for a classed vessel.

Total Capacity of Generators 7.5 Kilowatts.

The amount of Fee ... £ 82.50 :

When applied for,

26.1. 1956

When received,

Travelling Expenses (if any) £ 18. = :

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Surveyor to Lloyd's Register of Shipping.

a Bailey

Committee's Minute THURSDAY 15 MAR 1956

Assigned

See Rpt. 4 B.



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Foundation