

Rpt. 13.

No. 2330Y.

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

23 SEP 1953

Date of writing Report SEPTEMBER 1953. When handed in at Local Office SEPTEMBER 1953. Port of LEITH.

Received at London Office

No. in Survey held at BURNTISLAND Date, First Survey 8TH JULY, 1953 Last Survey 4TH SEPTEMBER 1953.

Reg. Book.

(No. of Visits 5)

SUPPLEMENT

40110 on the SINGLE SCREW MOTOR VESSEL "TEESWOOD" Tons Gross 1246 Net 633

Built at BURNTISLAND By whom built THE BURNTISLAND S.B.C. Ltd. Yard No. 359 When built 1953.

Owners. CONSTANTINE SHIPPING CO., LTD., Port belonging to MIDDLESBROUGH.

Installation fitted by THE BURNTISLAND SHIPBUILDING CO., LTD. When fitted 1953.

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

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 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. - Have certificates of test for machines

under 100 kw. been supplied and the results found as per Rule. YES Position of Generators IN MOTOR 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 AFT

END OF MOTOR ROOM NEAR GENERATORS.

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. A DOUBLE POLE CIRCUIT BREAKER FITTED

WITH OVERLOAD & REVERSE CURRENT TRIPS & SINGLE POLE EQUALISER

SWITCH IN CENTRE.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit. DOUBLE POLE SWITCHES &

DOUBLE POLE FUSES.

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

ammeters 2 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 2-15 WATT

METAL FILAMENT 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. "ARTIC", 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% 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. 7 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. NO, if so, are they adequately protected. - State

type of cables (if in conduit this should also be stated) in machinery spaces. L.C. ARMoured & B10, galleys. V.C. ASBESTOS IN CONDUIT

and laundries. - State how the cables are supported or protected. WHERE LEAD COVERED

ARMoured & BRAIDED CABLE SUPPORTED BY GALVANISED CLIPS, WHERE LEAD

COVERED ONLY, SUPPORTED BY BRASS SADDLES & PROTECTED WHERE LIABLE

TO MECHANICAL DAMAGE.

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. YES (DOMESTIC)

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

Are the motors accessible for maintenance at all times. YES

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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.

for THE BURNTISLAND SHIPBUILDING CO., LTD

Electrical Contractors.

Date 4-9-53

M. J. Douthwaite

ASSISTANT MANAGING DIRECTOR

COMPASSES.

Have the compasses been adjusted under working conditions.

YES

For THE BURNTISLAND SHIPBUILDING CO., LTD

M. J. Douthwaite

Builder's Signature.

Date 4-9-53

ASSISTANT MANAGING DIRECTOR

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.

YES

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

This installation has been efficiently fitted outboard in accordance with the Rules and approved plans. The materials and workmanship have been found good. On completion, the installation was found satisfactory under full working conditions.

Notes end 5/10/53

Total Capacity of Generators. 130. Kilowatts.

The amount of Fee ...

£ 61 : 10 :

When applied for,

GLS. A/c £ 30:15:0

11/9/1953

LTH. A/c £ 30:15:0

When received,

Travelling Expenses (if any) £

✓

:

19

P. C. Hay
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW

22 SEP 1953

Assigned

SEE ACCOMPANYING MACHINERY REPORT



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*Sum
14/9/53*

*1. 2m
2. 10/53
3. 10/53*