

Rpt. 13.

No. 85504.

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

18- AUG 1956

Received at London Office

Date of writing Report 21 July 56 When handed in at Local Office 25.7.1956 Port of Glasgow
No. in Survey held at Glasgow Date, First Survey 14.5.56 Last Survey 4.6.1956
Reg. Book. (No. of Visits 2)
on the Quaker Wheel "PADAMYA" Tons {Gross 200
Built at Glasgow By whom built Larrow & Co. Ltd. Yard No. 2107 When built 1956
Owners Govt of Union of Burma Inland Water Transport Board Port belonging to Rangoon
Installation fitted by Larrow & Co. Ltd. When fitted 1956

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

Plans, have they been submitted and approved Yes System of Distribution Two wires 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 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 In engine room, one 5Kw. Port, one 5Kw. Starb.

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 In engine room, Starb. side

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 Indan 70, 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 D.P. Switch and Fuses

and the switch and fuse gear (or circuit breakers) for each outgoing circuit D.P. Changers Switches and Fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule - Instruments on main switchboard 2 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 - Earth Testing, state means provided earth lamps

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

make of fuses Artic, 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% of V Are all paper insulated and varnished cambric insulated cables sealed at the ends -

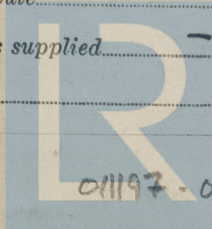
Are all the cable runs in accessible positions not exposed to drip or accumulation of water or oil, high temperatures or risk of mechanical damage Yes, are any cables laid under machines or floorplates No, if so, are they adequately protected - State type of cables (if in conduit this should also be stated) in machinery spaces NKCC, galleys VIRLL

and laundries - State how the cables are supported or protected Cables clipped to steel tray or steelwork in machinery space, cables clipped to steel tray, steel and woodwork in accommodation spaces, all protected when necessary

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 -



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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.

R. Mitchell

YARROW & CO. LTD.
GLASGOW, W. 4

Electrical Contractors.

Date *23rd July 1956*

COMPASSES.

Have the compasses been adjusted under working conditions

2 compasses fitted.

Builder's Signature.

Date

Have the foregoing descriptions and schedules been verified and found correct

Is this installation a duplicate of a previous case

If so, state name of vessel

PADASHIN

Plans. Are approved plans forwarded herewith

If not, state date of approval

26-10-55

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

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

The electrical equip^t of the vessel has been fitted on board under special survey and in accordance with the approved plans. taken under working conditions and found satisfactory. The material and workmanship are good.

Total Capacity of Generators *10* Kilowatts.

The amount of Fee ... £ *10.*

Specification £5-0-0

When applied for,

22 JUN 1956

Travelling Expenses (if any) £ *4.*

When received,

19

S. G. Finlay
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW

7 AUG 1956

Assigned

SEE ACCOMPANYING MACHINERY REPORT



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