

REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 21st July 1956 When handed in at Local Office 25.7.1956 Port of GlasgowNo. in Survey held at Glasgow Date, First Survey 21.3.56 Last Survey 4.6.1956
(No. of Visits 3)on the Quarter Wheel "PONNYA" Tons { Gross 200
Net 195Built at Glasgow By whom built Jarrow & Co. Ltd. Yard No. 2105 When built 1956Owners Govt of Union of Burma (Inland Water Trans. Board) Port belonging to RangoonInstallation fitted by Jarrow & Co. Ltd. When fitted 1956Is 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 wire Voltage of Lighting 110Heating - Power 110 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 Yeswith a trip switch - Generators, are they compound wound Yes, and level compounded under working conditions YesAre the generators arranged to run in parallel Yes Is the compound winding connected to the negative or positive pole negativeHave machines 100 kw. and over been inspected by the Surveyors during manufacture and testing - Have certificates of test for machinesunder 100 kw. been supplied and the results found as per Rule Yes Position of Generators In engine room one 5kw. Port, one 5kw. StarbIs the ventilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury anddamage 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,

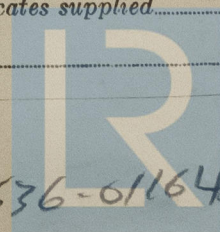
steam and oil Yes, what insulation is used for the panels Sindano, if of synthetic insulatingmaterial is it an Approved Type Yes, if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom asper Rule - Is the construction as per Rule, including locking of screws and nuts Yes Description of Main Switchgearfor each generator and arrangement of equaliser switches D.P. Switch and Fusesand the switch and fuse gear (or circuit breakers) for each outgoing circuit D.P. Changer. Switch and FusesAre compartments containing switchboards composed of fire-resisting material or lined as per Rule - Instruments on main switchboard 2ammeters 2 voltmeters - synchronising devices. For compound machines in parallel are the ammeters and reverse currentprotection devices connected on the pole opposite to the equaliser connection - Earth Testing, state means provided -Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yesmake of fuses Arki, are all fuses labelled Yes If circuit breakers are provided for the generators, at whatoverload do they operate -, and at what current do the reverse current protectivedevices operate - Cables, are they insulated and protected as per Rule Yesotherwise than as per Rule are they of an Approved Type -, state maximum fall of pressure between bus bars and any pointunder maximum load Under 6.5 p.s.i. 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 - Statetype of cables (if in conduit this should also be stated) in machinery spaces VR16C, galleys VR16CState 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 space, all protected

where necessary

Are all lead sheaths, armouring and conduits effectually bonded and earthed Yes Are all cables passing through decks and watertightbulkheads provided with deck tubes or watertight glands Yes, where unarmoured cables pass through beams, etc., are the holeseffectively 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 25th July 1956

COMPASSES.

Have the compasses been adjusted under working conditions.

In compass fixed

Builder's Signature.

Date

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

In

Is this installation a duplicate of a previous case.

No.

If so, state name of vessel.

PONDAUNG Ltd. 2104.

Plans. Are approved plans forwarded herewith.

No.

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 installation of this vessel has been fixed on board under special survey and in accordance with the approved plans. Tested under working conditions and found satisfactory. The material and workmanship are good.

Total Capacity of Generators. 10 Kilowatts.

The amount of Fee ...

£ 10. :

When applied for,

Specification

£ 5-0-0

22 JUN 1956

Travelling Expenses (if any) £

2/-

When received,

19.

S. G. Pindar

Surveyor to Lloyd's Register of Shipping.

Committee's Minute.

GLASGOW

7 AUG 1956

SEE ACCOMPANYING MACHINERY REPORT

Assigned.



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*SMH
25/7/56*

*X. at
16/8/56*

and