

# REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 21<sup>st</sup> July 1956 When handed in at Local Office 25.7.1956 Port of Glasgow

No. 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 150

Built at Glasgow By whom built Farrow & Co. Ltd. Yard No. 2105 When built 1956

Owners Govt of Union of Burma (Inland Water Trans. Board) Port belonging to Rangoon

Installation fitted by Farrow. C. Co. Ltd When fitted 1956

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. Yes Radar Yes

Plans, have they been submitted and approved Yes System of Distribution two wire Voltage of Lighting 110

Heating Yes 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 with a trip switch Yes 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 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 Sundawo, 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 Yes 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. Changeover. Switch and fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes 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 Yes

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes make of fuses Arki, 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

otherwise than as per Rule are they of an Approved Type Yes, state maximum fall of pressure between bus bars and any point under maximum load Under 6% P.H. 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 VR16C, galleys VR16C

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 space, all protected where 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 effectually 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 -



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.

*M. Mitchell*

YARROW & CO. LTD.  
GLASGOW, W. 4.

Electrical Contractors

Date 25<sup>th</sup> 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

*Yes*

Is this installation a duplicate of a previous case

*Yes*

If so, state name of vessel

*PONDAUNG, Tons 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. :  
*Specification* £ 5-0-0

When applied for, 22 JUN 1956

Travelling Expenses (if any) £ 2/

When received, 19

*S. G. Sinclair*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 7 AUG 1956

ACCOMPANYING MACHINERY REPORT

Assigned

*SMW  
25/7/56*

*X.  
16/8/56  
and*

2m. 4.55 - Transfer. (MADE AND PRINTED IN ENGLAND)  
(The Surveyors are requested not to write on or below the space for Committee Minutes.)



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