

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 8-AUG-1956

Date of writing Report 21st July 1956 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 (No. of Visits 2)

Reg. Book. on the Quaker Wheel "PADAPYAN" Tons Gross 200 Net

Built at Glasgow By whom built Larrow & Co. Ltd. Yard No. 2108 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

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 wire Voltage of Lighting 110

Heating 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

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

Position of Generators in engine room, one 5kw. Port, one 5kw. Starboard

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, starboard 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 Sindanite, 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. Change over, Sinter 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 Corke, 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 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 VIRB.C., galleys VIRB.C.

and laundries State how the cables are supported or protected

Cables clipped to steel truss or steelwork in machinery spaces, cables clipped to steel truss, steel, and woodwork in accommodation spaces, 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 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

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. Stittell

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

Electrical Contractors.

Date 25th July 1956.

COMPASSES.

Have the compasses been adjusted under working conditions.

No compass fitted

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.

PADAMYA Larrow Larrow Dist.

Plans. Are approved plans forwarded herewith.

Yes

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.

Yes

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

The electrical equipmt of the vessel has been fitted on board under special survey and in accordance with the approved plans. Tested under working conditions and found satisfactory. The materials 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

When received,

Travelling Expenses (if any) £ 2/-

19

S. J. Pindley

Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 7 AUG 1956

SEE ACCOMPANYING MACHINERY REPORT

Assigned

*SMW
25/7/56*

*X
11/8/56
AK*

2m.4.50 - Transfer. (MADE AND PRINTED IN ENGLAND)
(The Surveyors are requested not to write on or below the space for Committee's Minutes.)



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