

30. 11. 1964

Rpt. 13

No. 7189

# REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 23.4.64 19... When handed in at Local Office... 19... Port of Bremen

No. in Survey held at Lemwerder Date, First Survey 8.1.1964 Last Survey 6.7.1964  
Reg. Book (No. of Visits 5)

on the Passenger- and car twin-screw motor ferry "IWTA FARIDPUR" Tons { Gross 290.46  
Net 164.16

Built at Lemwerder By whom built Abeking & Rasmussen Yard No. 5894 When built 1964

Owners The East Pakistan Inland Water Transport Authority, Dacca Port belonging to Narayanganj

Installation fitted by Abeking & Rasmussen When fitted 1964

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

Plans, have they been submitted and approved Yes System of Distribution 2-poles insulated 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 E.R. bott. platform

## port and 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 E.R. bott. platform

## starboard forward- facing aft.

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 steel panels- "dead front" type, if of synthetic insulating material is it an Approved Type -, 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 Double pole switches and two fuses

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Double-pole switches and two fuses or double pole miniature circuit breakers.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard one ammeters two 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 - Ohmmeter - 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 Siemens-Schuckert, 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

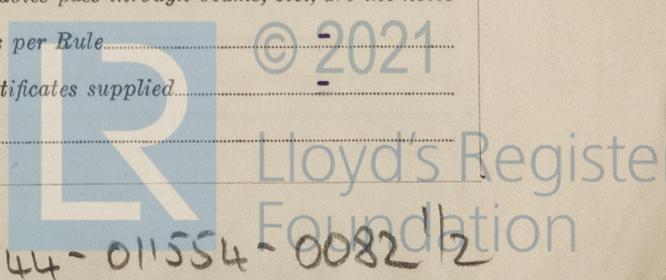
if otherwise than as per Rule are they of an Approved Type MK/MKO, state maximum fall of pressure between bus bars and any point under maximum load 6% wts. Are all paper insulated and varnished cambric insulated cables sealed at the ends -

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 Yes, if so, are they adequately protected Yes State type of cables (if in conduit this should also be stated) in machinery spaces V.R.I.L.C. metal braided, galleys V.R.I.L.C. metal braided and laundries - State how the cables are supported or protected

Clipped to steel supports, galvanized perforated steel plates, to structure or wood grounds and 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 Yes



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