

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 BremenNo. 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 164.16Built at Lemwerder By whom built Abeking & Rasmussen Yard No. 5894 When built 1964Owners The East Pakistan Inland Water Transport Authority, Dacca Port belonging to NarayanganjInstallation fitted by Abeking & Rasmussen When fitted 1964Is 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 NoPlans, have they been submitted and approved Yes System of Distribution 2-poles insulated Voltage of Lighting 110Heating - 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 fittedwith 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 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 E.R. bott. platformport and starboardis 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 E.R. bott. platformstarboard 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 insulatingmaterial is it an Approved Type -, 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 Double pole switches and two fusesDouble-pole switches and two fuses orand the switch and fuse gear (or circuit breakers) for each outgoing circuit Double-pole switches and two fuses ordouble pole miniature circuit breakers.double pole miniature circuit breakers.Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard oneammeters two 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 -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 Yesmake of fuses Siemens-Schuckert, 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 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 pointunder maximum load 6% nots. 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 Statetype 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 braidedand laundries - State how the cables are supported or protected -Clipped to steel supports, galvanized perforated steel plates, to structure or wood grounds andprotected where necessary.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 Yes

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Foundation

Insulation Tests, has the insulation resistance of all circuits and apparatus been tested and found satisfactory..... Yes

DESCRIPTION OF GENERATOR	No. of	MAKER	RATED AT				PRIME MOVER	
			Kw. per Generator	Volts	Ampères	Rev. per Min.	TYPE	MAKER
MAIN	2	Elektromotorenwerke Kaiser, Berlin	18	115	157	1500	Diesel	Klöckner-Humboldt-Deutz
charging	2	Bosch	0.7	24	29	975	Diesel	Main engines
charging	1	Bosch	0.7	24	29	975	Diesel	Aux. O.E. port
charging	1	Bosch	0.3	24	12.5	1300	Diesel	Aux. O.E. starboard
XXXXXXXXXX								
XXXXXXXXXX								

[illegible]

DESCRIPTION							
DB main deck	1	1 x 6	25	30	12	Rubber	L.C. + metal braided
DB bridge deck	1	1 x 6	25	30	21	Rubber	L.C. + metal braided
DB wheel house	1	1 x 16	50	54	33	Rubber	L.C. + metal braided
DB navigation lights	1	2 x 1.5	1	10	27	Rubber	L.C. + metal braided
110 volt batteries	1	1 x 16	50	54	22	Rubber	L.C. + metal braided

[illegible]

ALL IMPORTANT MOTORS TO BE ENUMERATED	No.	B.H.P.							
O.F. pump	1	0.5	1	2 x 2.5	4.9	14	12	Rubber	L.C. + metal braided
E.R. fans	2	0.22	1	2 x 2.5	3.2	14	30	Rubber	L.C. + metal braided
Battery room fan	1	0.18	1	2 x 1.5	2.5	10	18	Rubber	L.C. + metal braided

