

Rpt. 13

No. FE-2021

REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 14th July 1962 When handed in at Local Office 19 Port of SHIMONOSEKINo. in Survey held at Hiroshima, Japan Date, First Survey 3rd April, '62 Last Survey 26th June, 62.
Reg. Book (No. of Visits 19)on the "ML(S) 813" Tons $\left\{ \begin{array}{l} \text{Gross. } 110.51 \\ \text{Net. } 34.01 \end{array} \right.$ Built at Hiroshima, Japan By whom built Kanawa Dockyard Co., Ltd. Yard No. K-129 When built 6-1962Owners M.M. Dept. Government of the Union of Burma Port belonging to RangoonInstallation fitted by Kanawa Dockyard Co., Ltd. When fitted 6-1962Is vessel equipped for carrying Petroleum in bulk No Is vessel equipped with D.F. No No E.S.D. No No Gy.C. No No Sub.Sig. No No Radar NoPlans, have they been submitted and approved Yes System of Distribution Two wire insulated Voltage of Lighting 110V.Heating - Power 110V 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 YesAre 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 None Have certificates of test for machines under 100 kw. been supplied and the results found as per Rule Yes Position of Generators Engine Room port side forwardis 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 Engine Room forward centreare 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 Synthetic resin bonded board, 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 Two pole air circuit breaker with over current tripand the switch and fuse gear (or circuit breakers) for each outgoing circuit Two pole knife switch with fuseAre compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 1ammeters 1 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 Two lamps in series with mid point earthed Preference Tripping, state if provided -, and tested -Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yesmake of fuses Utsumiya Electric Mfg., Co., Ltd., are all fuses labelled Yes If circuit breakers are provided for the generators, at what overload do they operate 150% - 18.5 sec. 300% - instantaneous, and at what current do the reverse current protective devices operate - Cables, are they insulated and protected as per Rule Yesif 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 4V volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends NoneAre 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 D.R.H.R.C. & S.R.H.R.C., galleys D.R.H.R.C.and laundries - State how the cables are supported or protected Clipped to steel hangers steel tray, structural steel or wood work, protected by heavy steel tube where necessary.Are all ~~rod sheaths~~ rod 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 -

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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.

A. Yamase

Kanawa Dockyard Co., Ltd.

Electrical Contractors.

Date 10th July, 1962

COMPASSES

Have the compasses been adjusted under working conditions

No

A. Yamase

Kanawa Dockyard Co., Ltd.

Builder's Signature.

Date 10th July, 1962

Have the foregoing descriptions and schedules been verified and found correct

Yes

Is this installation a duplicate of a previous case

No

If so, state name of vessel

Plans. Are approved plans forwarded herewith

Yes

If not, state date of approval

14-12-1961

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 equipment of this

vessel has been installed under Special Survey in accordance with the Rules and approved plans, tested on board under working condition and found satisfactorily.

The materials and workmanship are sound and good.

5m, 3, 58 - Transfer. (MADE AND PRINTED IN ENGLAND) (The Surveyors are requested not to write on or below the space for Committee Minute.)

Total Capacity of Generators Kilowatts.

The amount of Fee £	:	:	When applied for,
See Rpt. 4b No. FE2021			LONDON 19
			When received,
Travelling Expenses (if any) £	:	:	19

C.G. Allen *J. Nonomura*
 Surveyor to Lloyd's Register of Shipping
 C.G. Allen & J. Nonomura

FRIDAY 28 SEP 1962

Committee's Minute

Assigned *See Kob 1064-1*



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