

No. 14637.

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL) MONDAY 12 JAN 1959

Received at London Office

Report 29-12-1958. When handed in at Local Office 30-12-1958. Port of HONG KONG.

Survey held at Hong Kong. Date, First Survey 24-3-58. Last Survey 23-12-1958. (No. of Visits 6.)

on the M.S. "ADRI VIII" Tons { Gross 222.75 Net 96.72

Hong Kong. By whom built Cheoy Lee Shipyard. Yard No. 701. When built 1958. Direktorat Angkutan Angkatan Darat (Pusat). Port belonging to Djakarta.

ion fitted by Cheoy Lee Shipyard. When fitted 1958.

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.

have they been submitted and approved Yes. System of Distribution Two Wire. Voltage of Lighting 220.

Power 200 D.C. or A.C., Lighting -- Power -- If A.C. state frequency --

governors, has the governing been found as per Rule when full load is thrown on and off Yes Are turbine emergency governors fitted

trip switch -- Generators, are they compound wound Yes, and level compounded under working conditions Yes

generators arranged to run in parallel No. Is the compound winding connected to the negative or positive pole Negative.

machines 100 kw. and over been inspected by the Surveyors during manufacture and testing -- Have certificates of test for machines

100 kw. been supplied and the results found as per Rule Yes Position of Generators Engine Room Port.

ventilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury and

from water, steam and oil Yes Switchboards, where are main switchboards placed Engine Room Port

in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water,

and oil Yes, what insulation is used for the panels "SYNDANYO", if of synthetic insulating

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

h generator and arrangement of equaliser switches. 30 AMP. D.P. Quick Break Knife Switch With 25A Fuses

Positive And Negative Pole And Shunt Field Regulator For the Generator.

switch and fuse gear (or circuit breakers) for each outgoing circuit. 15 Amp. D.P. Quick Break Knife Switches

10A Fuses On Positive And Negative Poles.

compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard One

One 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

is Fitted. 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 (TIA Type).

of fuses English Electric Co., are all fuses labelled Yes. If circuit breakers are provided for the generators, at what

current 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 One volts. 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 No., if so, are they adequately protected -- State

location of cables (if in conduit this should also be stated) in machinery spaces V.I.R.L.C. & V.I.R.B. galleys V.I.R.L.C.

in C. Steel Perforated Trays &

laundries -- State how the cables are supported or protected

Wire Clips For V.I.R.L.C. & Conduits For V.I.R.B.

all lead sheaths, armouring and conduits effectually bonded and earthed Yes Are all cables passing through decks and watertight

heads provided with deck tubes or watertight glands Yes, where unarmoured cables pass through beams, etc., are the holes

thoroughly bushed Yes Refrigerated chambers, are the cables and fittings as per Rule Yes. Domestic only.

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.

CHEOY LEE SHIPYARD

*[Signature]*

Electrical Contractors.

Date 5 JAN. 1959

General Manager

COMPASSES.

Have the compasses been adjusted under working conditions. Yes.

CHEOY LEE SHIPYARD

*[Signature]*

Builder's Signature.

Date 5 JAN. 1959

General Manager

Have the foregoing descriptions and schedules been verified and found correct. Yes.

Is this installation a duplicate of a previous case - If so, state name of vessel -

Plans. Are approved plans forwarded herewith - If not, state date of approval. 19th November, 1958.

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 approved plans and the Secretary's letter. The workmanship is good and the materials in accordance with Rule requirements.

The installation has been examined under full working conditions, tested as per Rule requirements and found satisfactory.

Document forwarded herewith

Makers test sheet.

Total Capacity of Generators 4 Kilowatts.

The amount of Fee ... \$192.00 : When applied for, 29-12-1958.

Travelling Expenses (if any) \$ 7.00 : When received, 19.

*[Signature]*  
James A. Anderson.

Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUESDAY 10 FEB 1959

Assigned

See Rpt-1

1m.7.51-Transfer. (MADE AND PRINTED IN ENGLAND)  
(The Surveyors are requested not to write on or below this space for Committee Minute.)

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