

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

26 JAN 1959

Received at London Office

Date of writing Report 14-1- 19 59. When handed in at Local Office 14-1- 19 59. Port of HONG KONG.
 No. in Survey held at Hong Kong. Date, First Survey 10-11-58. Last Survey 9-1- 19 59.
 Reg. Book. (No. of Visits 4.)

on the "FIONETTA"

Tons { Gross 131
 Net 48

Built at Hong Kong. By whom built Pacific Islands S.B. Co., Ltd. Yard No. 237 When built 1959.

Owners International Molasses (Private) Ltd. Port belonging to Panama.

Installation fitted by Pacific Islands Shipbuilding Co., Ltd. When fitted 1959.

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 System. Voltage of Lighting 24

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

Prime Movers, has the governing been found as per Rule when full load is thrown on and off - Are turbine emergency governors fitted with a trip switch - Generators, are they compound wound -, and level compounded under working conditions -

Are the generators arranged to run in parallel - 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 The Charging Dynamo Is Placed At The Engine Room Port Centre.

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 The Main Switchboard Is Mounted On The Engine Room Port Aft Bulkhead,

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 Syndanyo, 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 One 100 Amp Double Pole Single Throw Knife Switch, Rewireable Porcelain Fuses, Regulator And Cut Out.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Double Pole Single Throw Knife Switches & Rewireable Porcelain Fuses.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule - Instruments on main switchboard Two ammeters 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 Two Earth Lamps, Switches & Fuses. 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 Midland Elect. Manf. Co. Kentark Mem., 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 Yes, state maximum fall of pressure between bus bars and any point under maximum load 0.93 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 Yes, if so, are they adequately protected Yes State

type of cables (if in conduit this should also be stated) in machinery spaces Vulcanised Rubber Insulated Lead Covered, galleys Vulcanised Rubber Insulated & Lead Covered.

and laundries - State how the cables are supported or protected All Cables Run On Perforated Cable Tray & Secured By Brass Clips & Screws.

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.

PACIFIC ISLANDS SHIPBUILDING CO., LTD.

Electrical Contractors.

Date 20-1-59

COMPASSES.

Have the compasses been adjusted under working conditions Yes.

PACIFIC ISLANDS SHIPBUILDING CO., LTD.

Builder's Signature.

Date 20-1-59

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 No. If not, state date of approval 10th October, 1958.

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith Nil.

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

The Electrical Installation of this vessel has been installed under Special Survey in accordance with the approved plans and Secretary's letters but the machinery has not been built under Special Survey. The generator was opened up, examined and found satisfactory.

The complete installation has been examined under full working conditions, tested as per Rule requirements and found satisfactory, and in my opinion, is eligible to be classed as contemplated.

Total Capacity of Generators 1. Kilowatts.

The amount of Fee ... \$192.00

When applied for,
9-1-1959.

Travelling Expenses (if any) \$ 7.00

When received,
19

James A. Anderson.

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

THURSDAY 5 MAR 1959

Assigned

See Rpt-1.