

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

12 JAN 1949

Date of writing Report 5th Oct. 19 48 When handed in at Local Office 5th Oct. 19 48 Port of Galveston, Texas

No. in Survey held at Galveston, Texas Date, First Survey 14th Aug. Last Survey 4th Sept., 19 48
Reg. Book.

(No. of Visits Continuous)

59561 on the S/S "FRANCINE CLORE"

Tons { Gross 10634
Net 6299

Built at Portland, Oregon By whom built Kaiser Co., Inc. Yard No. 74 When built 1944-7

Owners British Oil Shipping Co., Ltd. Port belonging to London

Installation fitted by Kaiser Co., Inc. When fitted 1944

Is vessel equipped for carrying Petroleum in bulk Yes Is vessel equipped with D.F. Yes E.S.D. Yes Gy.C. Yes Sub.Sig. Yes Radar. -

Noted March 1948 for this

Plans, have they been submitted and approved type vessel System of Distribution A.C. 3 P.H. Voltage of Lighting 115

Cooking 230 Power 450 D.C. or A.C., Lighting A.C. Power A.C. 3 Wire If A.C. state frequency 60

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 Yes Generators, are they compound wound only 55 Kws. Exciters

if not compound wound state distance between generators 8 feet and from switchboard 30 feet Are the generators arranged to run in parallel sets Yes 400 Kws. Are the generators arranged to run in parallel sets Yes Exciters

Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing ABS Have certificates of test for machines under 100 kw. been supplied - and the results found as per Rule -

Position of Generators In Engine Room Starboard Side Generator Flat

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 In Engine Room on Generator Flat Thwartship Forward.

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 Ebony Asbestos & A.I.E.E. Approved Material

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 400 Kws. Generators. Three Pole linked circuit

breakers with overloads and reverse power trips and three pole isolating switches; 55 Kws.

exciters D.P. linked breaker with overloads & selector switch; 75 kws. exciters D.P. D.T. Switch

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Two and three pole linked circuit breakers

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 7

ammeters 5 voltmeters 1 synchronising devices For compound machines in parallel are the ammeters and reversed current protection devices connected on the pole opposite to the equaliser connection - - -

Earth Testing, state means provided Earth Lamps.

Switches, Circuit Breakers and Fuses, are they as per Rule A.I.E.E. Standards are the fuses an Approved Type AIEE Standards

make of fuses Bussmann Mfg. Co., are all fuses labelled - If circuit breakers are provided for the generators, at what

overload do they operate 120% and at what current do the reversed current protective devices operate 25 Kws.

Joint Boxes, Section Boards and Distribution Boards, is the construction as per Rule A.I.E.E. Standards

Cables, are they insulated and protected as per Rule - if otherwise than as per Rule are they of an Approved Type Yes, AIEE

state maximum fall of pressure between bus bars and any point under maximum load - are the ends of all cables having a sectional

area of 0.01 square inch and above provided with soldering sockets Yes Are all paper insulated and varnished cambric insulated

cables sealed at the ends Yes 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 - Are cables in machinery spaces, galleys, laundries, etc., lead covered Yes or run in conduit -

or of the "HR" type - State how the cables are supported or protected Main feeder cables lead covered and

basket weave armoured run in conduit on deck supported by straps under fore and aft walkway.

Cables in accommodation and engine room clipped to brackets and bulkheads. Main propulsion

cables supported on cleats

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 Yes

PARTICULARS OF GENERATING PLANT.

GENERATOR CABLES.

MAIN DISTRIBUTION CABLES (to Section Boards, Distribution Fuse Boards, etc.)

LIGHTING, HEATING, WIRELESS. NAVIGATION LIGHTS. ETC.. CABLES

MOTOR CABLES.

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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.

Electrical Contractors.

Date

COMPASSES.

Have the compasses been adjusted under working conditions. Yes

Builder's Signature.

Date

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

Is this installation a duplicate of a previous case. Yes If so, state name of vessel. Mesa Verde

Plans. Are approved plans forwarded herewith. Yes If not, state date of approval.

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith. No

General Remarks. (State quality of workmanship, whether insulation tests, etc., have been made, opinions as to class, etc.) The electrical installation to the requirements of the American Bureau of Shipping has been in operation since July 1944, the condition and standard of materials and workmanship are considered good and satisfactory.

The dimensions in this Report have been taken from the ABS approved plans. The dimensions have been checked as far as possible on the ship and found correct, and the installation has been examined under working conditions and found to be satisfactory.

In my opinion the electrical installation is such as could be accepted by the Committee for classification, subject to the changing of fuses from renewable type to cartridge filled with refractory material type.

Not subject.
See American Committee
minutes
Note sub 11/2/49

Total Capacity of Generators 1135 Kilowatts.

The amount of Fee ... £ \$150.00 : When applied for, 13/9/ 1948

Travelling Expenses (if any) £ : - : When received, 19

Committee's Minute NEW YORK DEC 22 1948

Assigned Elec. light

James Friday
Surveyor to Lloyd's Register of Shipping



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