

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 12 JAN 1949

Date of writing Report 25th Oct., 1948. When handed in at Local Office 25th Oct., 1948. Port of Galveston, Texas

No. in Survey held at Galveston, Texas Date, First Survey 6/15/48 Last Survey 8/20/ 19 48
Reg. Book. (No. of Visits 6)

90696 on the M/V "JOBURE" (ex LST 1061)
Converted at

Tons { Gross 3437
Net

Galveston, Texas By whom Todd Shipyards Corp. Yard No. When built 1948

Owners The Texas Company Port belonging to Guiria

Installation fitted by Todd Shipyards Corporation When fitted From 4/20/48 to 8/21/48

Is vessel equipped for carrying Petroleum in bulk Yes Is vessel equipped with D.F. No E.S.D. Gy.C. No Sub.Sig No Radar No

Plans, have they been submitted and approved Yes System of Distribution 120/240 D.C. Voltage of Lighting 120 VDC

Heating 240 VDC Power 240 volts 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 Stabilized Shunt, and level compounded under working conditions Yes

if not compound wound state distance between generators 6'-0" and from switchboard 6'-0" Are the generators arranged to run

in parallel Yes, are shunt field regulators provided Yes Is the compound winding connected to the negative or positive pole

Centers Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing No Have certificates of

test for machines under 100 kw. been supplied No and the results found as per Rule

Position of Generators On Generator Flat Second Deck

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 On Generator Flat Second

Deck

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, 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 I.T.E. 400A 3 Pole Circuit Breakers fitted with

reverse current and overload trips on generator - no equalizers.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Distribution knife switches are double

pole except those feeding lighting panels which are 3 pole, shore power and stern anchor

winch are on circuit breakers.

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

ammeters 3 voltmeters - 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 None

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

make of fuses, are all fuses labelled Yes If circuit breakers are provided for the generators, at what

overload do they operate 5% and at what current do the reversed current protective devices operate 24 (8.34 Amps.)

Joint Boxes, Section Boards and Distribution Boards, is the construction as per Rule Yes

Cables, are they insulated and protected as per Rule Yes, if otherwise than as per Rule are they of an Approved Type A.I.E.E. or

U.S. Navy Standards state maximum fall of pressure between bus bars and any point under maximum load 4 volts, 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 Yes, if so, are they

adequately protected Yes Are cables in machinery spaces, galleys, laundries, etc., lead covered H.F.A. Navy Cable Exposed.

or of the "HR" type State how the cables are supported or protected Supported with cable straps 14"

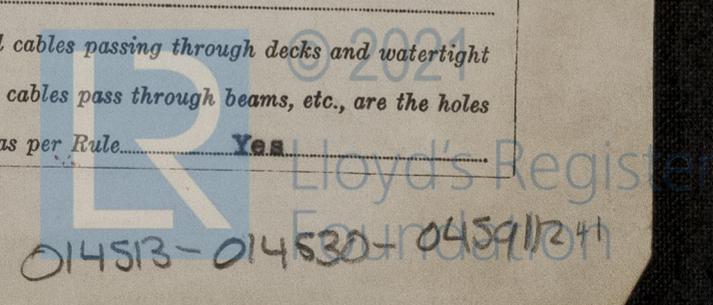
apart in horizontal runs and 18" apart in vertical runs - and on decks on strongly con-

structed cable run-ways.

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



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.

L. C. Bries General Manager Electrical Contractors. Date Oct. 25, 1948
Todd Shipyards Corporation (Galveston Division)

COMPASSES.

Have the compasses been adjusted under working conditions.....

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 & generator? If so, state name of vessel. *Engine Room Tucupita*
tor aft

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. Not available

General Remarks. (State quality of workmanship, whether insulation tests, etc., have been made, opinions as to class, etc.)

Examined and tested as per Rule for Classification purposes (see Galveston Report) and found to be efficiently installed and securely fitted in vessel. Particulars and arrangements verified and so far as seen found in accordance with the particulars shown on this form and in general conformity with the Society's Rules.

Fuel Oil Pumps have a stop button located on deck as per Section 20 of the Rules for steel ships.

This vessel was originally fitted for a three wire grounded system and it has been arranged with the Owners to fit 110 volt motor generator sets on a two wire system with both poles insulated for lighting as soon as these sets can be procured.

No exception was taken to the U. S. Navy type HEA cables fitted in the Engine Room and accommodation which are not lead sheathed, as all new wiring installed was lead covered and armoured as required by the Rules and the armouring of the existing cable was effectively earthed.

Total Capacity of Generators..... 300 ✓ Kilowatts.

The amount of Fee £	:	:	When applied for,
		 19
Travelling Expenses (if any) £	:	:	When received,
		 19

James Lupton
Surveyor to Lloyd's Register of Shipping.

Committee's Minute..... NEW YORK DEC 22 1948

Assigned *Elec light*

3m.9.46.—Transfer. (MAKE AND PRINTED IN ENGLAND.)
(The Surveyors are requested not to write on or below the space for Committee's Minute.)



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