

Rpt. 13

No. 9228

REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 12th Oct., 1961 When handed in at Local Office 19 Port of Lisbon

No. in Survey held at São Jacinto - AVEIRO Date, First Survey 25th April 61 Last Survey 3rd Oct. 1961
Reg. Book (No. of Visits 7)

41119 on the Motor Trawler "CONIMBRIGA" Tons Gross 169 Net

Built at São Jacinto By whom built Estaleiros São Jacinto Yard No. 53 When built 1961

Owners Sociedade de Pesca de Arrasto de Aveiro Port belonging to LISBOA

Installation fitted by Estaleiro São Jacinto When fitted 1961

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

Plans, have they been submitted and approved Yes System of Distribution 4 Wire earthed A.C. Voltage of Lighting 110 & 24 v.

Heating - Power 190 v. Line D.C. or A.C. Lighting D.C. Batt. A.C. Power A.C. If A.C. state frequency 50 Hz

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 - and level compounded under working conditions -

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

Have 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 1-15 KVA belt driven ford end

main engine. 1-15 KVA diesel driven A.P.E.R. 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 S.S. E.R. aft.

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 Dead front, if of synthetic insulating material is it an Approved Type - 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 AEG 3 pole circuit breakers with overload and short circuit protection.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit AEG 3 pole circuit breakers for power outlets, ELFA 2 pole circuit breakers for lighting outlets, ~~DIFA 2 pole circuit breakers for lighting outlets,~~ all with thermal overload and coil short circuit relays

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule E.R. Instruments on main switchboard 6 ammeters 2 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 lamps

Preference Tripping, state if provided No, and tested -

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes

make of fuses Slydlock, are all fuses labelled Yes If circuit breakers are provided for the generators, at what overload do they operate 40 A load, 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 - state maximum fall of pressure between bus bars and any point under maximum load Hyd. pump 0.75 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 V.R.I. L.S., galleys V.R.I. L.S. and laundries - State how the cables are supported or protected Clipped to painted expanded metal

trays.

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

Have refrigeration fan motors been constructed under survey None and test certificates supplied -

Are the motors accessible for maintenance at all times -

M.T.

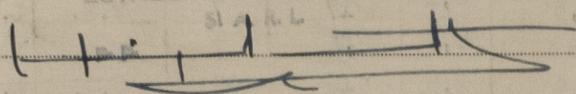


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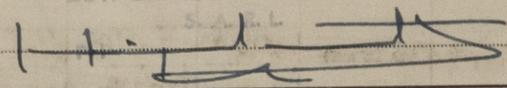
014032 - 014042

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.

ESTALEIROS SÃO JACINTO
 X  X Electrical Contractors. Date 47/11/361 X

COMPASSES

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

ESTALEIROS SÃO JACINTO
 X  X Builder's Signature. Date 12/11/361 X

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. -

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

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

This installation has been effected under Special Survey in accordance with the Rules and Secretary's letters.

Workmanship and materials used are good.

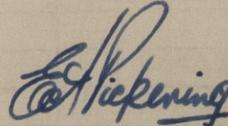
In my opinion the installation is eligible to be classed +L.M.C. in conjunction with the machinery installation.

Total Capacity of Generators... 31 KVA Kilowatts.

The amount of Fee ... Esc:- 5,425.00

When applied for, 21/11/61

Travelling Expenses (if any) £ : : 19


 E. A. Pickering
 Surveyor to Lloyd's Register of Shipping

Committee's Minute... FRIDAY -5 JAN 1962

Assigned Subpt 1

Sm. 3.58—Transfer. (MADE AND PRINTED IN ENGLAND) (The Surveyors are requested not to write on or below the space for Committee Minute.)



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