

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office.

Date of writing Report 20.4.1954 When handed in at Local Office 28.4.1954 Port of ANTWERP

No. in Survey held at ANTWERP Date, First Survey 6.1.54 Last Survey 17.3.1954  
Reg. Book. (No. of Visits 14)

40809 on the M/T "SALAMIS" Tons { Gross 12826 Net 7435

Built at Hoboken By whom built J.A. J.M. Cockrell Yard No. 764 When built 1954

Owners 10/2 A/S Eikland & A/S Salamis Port belonging to Oslo

Installation fitted by Elektriske Marine When fitted 1954

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 System of Distribution Two wire DC Voltage of Lighting 110

Heating Power 110 D.C. or A.C., Lighting DC Power DC 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 Two steam eng. generator sets

on two deck P.S. engine room One oil eng. generator set on main deck platform

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

damage from water, steam and oil Switchboards, where are main switchboards placed adjacent to forward

end of two deck P.S. engine room

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

steam and oil what insulation is used for the panels lead paint type "Bakelite", 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 Description of Main Switchgear

for each generator and arrangement of equaliser switches double pole circuit breaker with linked

equaliser switches (manufactured by Brandt-Pain)

double pole linked switches with fuses on each pole

and the switch and fuse gear (or circuit breakers) for each outgoing circuit double pole circuit breaker and

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Instruments on main switchboard 6

ammeters 4 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

with indicating lamps and Ohm meter Preference Tripping, state if provided no, and tested

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

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

overload do they operate 50% - 30 sec, and at what current do the reverse current protective

devices operate 10% of full load Cables, are they insulated and protected as per Rule

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 6 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 are any cables laid under machines or floorplates, if so, are they adequately protected State

type of cables (if in conduit this should also be stated) in machinery spaces V.I.R. LCXA / V.C. LCX Agalleys V.I.R. LCXA / V.C. LCXA

and laundries V.I.R. LCXA State how the cables are supported or protected clipped to bulkheads at

steel perforated trays In renewed conduit Where exposed to mechanical damage

heavy steel protection plate have been fitted On fore and aft gangways LCXA

with adequate expansion possibilities

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

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

effectively bushed 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.

ELECTRO - MARINE P. v. b. a.  
3, Hardenvoort, 3  
ANTWERPEN

Electrical Contractors.

Date

#### COMPASSES.

S.A. JOHN COCKERILL

Have the compasses been adjusted under working conditions.

CHANTIER NAVAL  
HOBOKEN-LEZ-ANVERS

Directeur Technique

Builder's Signature.

Date

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

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.

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

General Remarks. (State quality of workmanship and materials, opinions as to class, etc.) The electrical equipment of this vessel has been constructed and installed under the Special survey of the Society's surveyors in accordance with the Rules, the approved plans and the Secretary's letter. The materials and workmanship are good. Insulation and other tests have been carried out with satisfactory results in accordance with the Rule requirements.

Total Capacity of Generators 240 ✓ Kilowatts.

The amount of Fee ... fr. 19,690.-

When applied for,  
15-4 1954

Travelling Expenses (if any) fr. 265.-

When received,  
15-4 1954

Surveyor to Lloyd's Register of Shipping.

FRIDAY 9-JUL 1954

Committee's Minute

Assigned

See Rpt. 46.