

# REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

30 JUN 1936

Date of writing Report 26/6/36 When handed in at Local Office26/6/36 Port of**SPLIT**No. in Survey held at **SPLIT**Date, First Survey 29th. Nov. /35 Last Survey 5th. May 19 36(Number of Visits 13)

Reg. Book.

9 28274 on the **Steel Twin Sc. "KUMANOVO"**Tons { Gross 1409  
Net 669When built 1907Built at **Malmo**By whom built **Kockums M.V. Aktieb** Yard No.Owners **Dubrovačka Paro. Plovidba A.D.** Port belonging to **Dubrovnik**Electric Light Installation fitted by **Jadranska Brodogradilista A.D.** Contract No. When fitted 1935/36System of Distribution **Two-wire**Pressure of supply for Lighting 110 volts, Heating ☒ volts, Power 110 volts.Direct or Alternating Current, Lighting **Direct** Power ☒If alternating current system, state frequency of periods per second ☒Has the Automatic Governor been tested and found efficient when the whole load is suddenly thrown on or off **Yes**Generators, do they comply with the requirements regarding overload ☒, are they compound wound **Yes**are they over compounded 5 per cent. ☒, if not compound wound state distance between each generator ☒Where more than one generator is fitted are they arranged to run in parallel **No**, is an adjustable regulating resistance fitted in series with each shunt field ☒Are all terminals accessible and clearly marked **Yes**, are they so spaced or shielded that they cannot be accidentally earthed, or short circuited **Yes** Are the lubricating arrangements of the generators as per Rule **Yes**Position of Generators **Starboard side of engine room at bottom platform level**is the ventilation in way of the generators satisfactory **Yes**, are they clear of all inflammable material **Yes**if situated near unprotected woodwork or other combustible material, state distance of same horizontally from or vertically above the generators ☒and ☒, are the generators protected from mechanical injury and damage from water, steam or oil **Yes**are their axis of rotation fore and aft **Yes**Earthing, are the bedplates and frames of the generating plant efficiently earthed **Yes** are the prime movers and their respective generators in metallic contact **Yes**Main Switch Boards, where placed **Starboard side of E.R. at forward end on raised platform**If the generators and main switchboard are not placed in the same compartment, is each generator provided with a fuse on each insulated pole as near as possible to the terminals of the generator, additional to that provided on the main switchboard ☒Switchboards, are they placed in accessible positions, free from inflammable gases and acid fumes **Yes**are they protected from mechanical injury and damage from water, steam or oil **Yes**, if situated near unprotectedwoodwork or other combustible material, state distance of same horizontally from or vertically above the switchboards ☒ and ☒are they constructed wholly of durable, incombustible non-absorbent materials **marble**, is all insulation of high dielectric strength and of permanently high insulation resistance ☒if semi-insulating material is used, are all conducting parts connected to one pole insulated from the slab with mica or micanite and the slab similarly insulated from its framework **Yes**, and is theframe effectively earthed **Yes** Are the following fittings as per Rule, viz.:— spacing or shielding of live parts**Yes**, accessibility of all parts **Yes**, absence of fuses on back of board **Yes**, proportion of omnibusbars **Yes**, individual fuses to voltmeter, pilot or earth lamp **Yes**, connections of switches **Yes**Main Switchgear, description of switchgear for each generator and each outgoing circuit, and arrangement of equalizer switches **For each generator,****double pole linked switch with fuse on each pole: for each outgoing circuit, a fuse on each****pole and a single pole change over switch on one pole with all switches on same pole.**Instruments on main switchboard 2 ammeters 2 voltmeters synchronising device for paralleling purposes. 2 lamps

Earth Testing, state what means are provided at the main switchboard for indicating the state of the insulation of the system

Switches, Circuit Breakers and Fusible Cut-outs, do these comply with the requirements of the Rules **Yes**Section and Distribution Boards, is the construction, protection, insulation, material, and position of these as per rule **Yes**

© 2019

Lloyd's Register  
W248-0182 (1/2)  
Foundation



If portable lamps for use in dangerous spaces are supplied, are they of a type approved by the Home Office.....

© 2019  
Lloyd's Register  
Foundation  
W9 48-01820212



All Conductors are of annealed copper conforming to British Standard Specification No. 7.  
The Insulated Conductors are guaranteed to withstand the immersion and resistance tests specified in the Rules.  
The foregoing is a correct description.

JADRANSKA BRODOGRADILIŠTA A.D.

Hy. M. Roje

Electrical Engineers.

Date 26. VII. 1936

#### COMPASSES.

Distance between electric generators or motors and standard compass 18 metres

Distance between electric generators or motors and steering compass 24 metres

The nearest cables to the compasses are as follows:—

A cable carrying .25 Ampères 18 feet from standard compass 12 feet from steering compass.

A cable carrying 4 Ampères 21 feet from standard compass 3 feet from steering compass.

A cable carrying Ampères feet from standard compass feet from steering compass.

Have the compasses been adjusted with and without the electric installation at work at full power Yes

Has the effect of switching on and off circuits, motors and other electro-magnetic apparatus within the vicinity of the compasses been noted Yes

The maximum deviation due to electric currents was found to be nil degrees on course in the case of the standard compass, and nil degrees on course in the case of the steering compass.

Builder's Signature. Date

Is this installation a duplicate of a previous case No If so, state name of vessel

General Remarks (State quality of workmanship, opinions as to class, &c.)

The workmanship throughout the installation is good and, on completion, all tests proved satisfactory.

Total Capacity of Generators 44 Kilowatts

The amount of Fee Din. 2000

When applied for, 8/5/36

Travelling Expenses (if any) £

When received, 12.8.26

Committee's Minute

Assigned

See Spt Rpt 492

FRI. 7 AUG 1936

FRI 9 APR 1937

TUE 15 JUN 1937

TUE 6 JUL 1937

© 2019

Lloyd's Register Foundation