

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

of writing Report 21st Aug 10 39 When handed in at Local Office 25th Aug 10 39 Port of PIRAEUS Received at London Office AUG 30 1939

in Survey held at PIRAEUS Date, First Survey 9th Aug Last Survey 12th Aug 1939.
Book. " " (Number of Visits 3)

on the STEEL SC "TANAIS" Tons { Gross 1545
Net 965

It at SUNDERLAND By whom built J. BLUMER & CO. Yard No. ✓ When built 1907-1

ers S. SYNODINOS Port belonging to PIRAEUS.

Electric Light Installation fitted by NIKOLAOS G. MANGOS Contract No. ✓ When fitted 1939-8.

em of Distribution 2 WIRE

ssure of supply for Lighting 110 volts, Heating ✓ volts, Power ✓ volts.

ect or Alternating Current, Lighting DIRECT Power ✓

Alternating current system, state frequency of periods per second ✓

the Automatic Governor been tested and found efficient when the whole load is suddenly thrown on or off YES.

erators, do they comply with the requirements regarding overload YES, are they compound wound YES

they over compounded 5 per cent. ✓, if not compound wound state distance between each generator ✓

re more than one generator is fitted are they arranged to run in parallel ✓, is an adjustable regulating resistance fitted in

s with each shunt field ✓

all terminals accessible and clearly marked YES, are they so spaced or shielded that they cannot be accidentally earthed,

port circuited YES Are the lubricating arrangements of the generators as per Rule YES

ition of Generators BOTTOM PLATFORM OF ENGINE ROOM, STARBOARD SIDE.

ventilation in way of the generators satisfactory YES, are they clear of all inflammable material NO

situated near unprotected woodwork or other combustible material, state distance of same horizontally from or vertically above the generators

ERATOR IS FITTED 4 FT FORWARD OF STORE, WHICH IS OF WOOD, and are the generators protected from mechanical injury and damage from water, steam or oil YES

their axis of rotation fore and aft YES

thing, are the bedplates and frames of the generating plant efficiently earthed YES. are the prime movers and

respective generators in metallic contact YES

in Switch Boards, where placed FITTED TO FORWARD END OF E.R. STORE, WHICH IS WOOD,

ET OF ASBESTOS BETWEEN STORE & SWITCH BOARD, & CARRIED ON BRACKETS

If the generators and main switchboard are not placed in the same compartment, is each generator provided with

se on each insulated pole as near as possible to the terminals of the generator, additional to that provided on the main switchboard ✓

chboards, are they placed in accessible positions, free from inflammable gases and acid fumes YES

they protected from mechanical injury and damage from water, steam or oil YES, if situated near unprotected

work or other combustible material, state distance of same horizontally from or vertically above the switchboards 2 FT HORIZONTALLY FROM

they constructed wholly of durable, incombustible non-absorbent materials YES (MARBLE), is all insulation of high dielectric strength and of

anently high insulation resistance YES, if semi-insulating material is used, are all conducting parts connected to one pole

lated from the slab with mica or micanite and the slab similarly insulated from its framework ✓, and is the

are 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 omnibus

YES, individual fuses to voltmeter, pilot or earth lamp YES., connections of switches YES

in Switchgear, description of switchgear for each generator and each outgoing circuit, and arrangement of equalizer switches

MAIN SWITCH: 2 POLE, 60 AMP. 5: 2 POLE SWITCHES, 40 AMP

truments on main switchboard ONE ammeters ONE voltmeters ✓ synchronising device for paralleling purposes.

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

2 LAMPS CONNECTED TO CIRCUIT AND EARTH. (SWITCHES - YES.) FUSES ARE NOT IN

itches, Circuit Breakers and Fusible Cut-outs, do these comply with the requirements of the Rules ACCORDANCE WITH RULES

tion and Distribution Boards, is the construction, protection, insulation, material, and position of these as per rule YES.



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007707 - 007713 - 0148

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

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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.

Electrical Engineers.

Date _____

COMPASSES.

Distance between electric generators or motors and standard compass _____

Distance between electric generators or motors and steering compass _____

The nearest cables to the compasses are as follows:—

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

A cable carrying _____ Ampères _____ feet from standard compass _____ 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 _____

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

The maximum deviation due to electric currents was found to be _____ degrees on _____ course in the case of the standard compass, and _____ 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 electrical installation of this vessel as now fitted is in good & safe working condition & constructed as far as practicable in conformance with Rule requirements, the workmanship & materials used being good throughout.*

*The main switch board fuses are not constructed in accordance with Rule requirements, but the Owner states that they will be replaced by the required type on vessel's arrival in U.K.
Rule type fuses not obtainable at this Port.*

Total Capacity of Generators 4.6 Kilowatts

The amount of Fee ... £ 5 : 0 :
Travelling Expenses (if any) £ : ✓ :
When applied for, 18/8/1939.
When received, 22/8/1939.
A. G. K.

OK Maplesden for P. F. Balfour & L. Rodger.
Surveyors to Lloyd's Register of Shipping.

12 SEP 1939

Committee's Minute

Assigned

Im. 9. 2. — Transfer.
(The Surveyors are requested not to write on or below the space for Committee's Minute.)



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