

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 3.3.47

Date of writing Report 25 FEB 1947 When handed in at Local Office 19... Port of CASABLANCA LISBON

No. in Survey held at CASABLANCA Date, First Survey 18 FEB Last Survey 25 FEB 1947 Reg. Book. (Number of Visits...)

on the 1/2 CAID ALLAL ex CHESHIRE COAST Tons { Gross 1122 Net 466

Built at MIDDLESBROUGH By whom built SIR RAYLTON DIXON & CO. Yard No. 591 When built 1915

Owners UNION D'ENTREPRISES MAROCAINES Port belonging to CASABLANCA

Electrical Installation fitted by... Contract No... When fitted...

Is vessel fitted for carrying Petroleum in bulk NO Is vessel equipped with D.F. NO E.S.D. NO Gy.C. NO Sub.Sig. NO

Have plans been submitted and approved... System of Distribution 2 WIRE Voltage of supply for Lighting 110

Heating... Power... Direct or Alternating Current, Lighting DIRECT Power... If Alternating Current state frequency... Prime Movers,

has the governing been tested and found efficient when the whole load is suddenly thrown on and off YES Are turbine emergency governors fitted with a

trip switch as per Rule... Generators, are they compound wound YES, are they level compounded under working conditions...

if not compound wound state distance between generators... and from switchboard... Where more than one generator is fitted are they

arranged to run in parallel... are shunt field regulators provided YES Is the compound winding connected to the negative or positive pole

(STATED) NEGATIVE

Have machines over 100 kw. 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... Are the lubricating arrangements and the construction

of the generators as per rule YES Position of Generators STARBOARD SIDE OF ER. AT PLATFORM LEVEL

is the ventilation in way of generators satisfactory YES are they clear of inflammable material YES, if situated

near unprotected combustible material state distance from same horizontally... and vertically... are the generators protected from mechanical

injury and damage from water, steam and oil YES, are the bedplates and frames earthed YES and the prime movers and generators in metallic

contact YES Switchboards, where are main switchboards placed AT STARBOARD SIDE OF ER. AT PLATFORM LEVEL

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

and oil YES, if situated near unprotected combustible material state distance from same horizontally... and vertically... what insulation

material is used for the panels SLATE, 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 YES Is the frame effectually earthed YES

Is the construction as per Rule YES, including accessibility of parts YES, absence of fuses on the back of the board YES, individual fuses

to pilot and earth lamps, voltmeters, etc. NO locking of screws and nuts YES, labelling of apparatus and fuses YES, fuses on the "dead"

side of switches YES Description of Main Switchgear for each generator and arrangement of equaliser switches DP SWITCH & FUSES

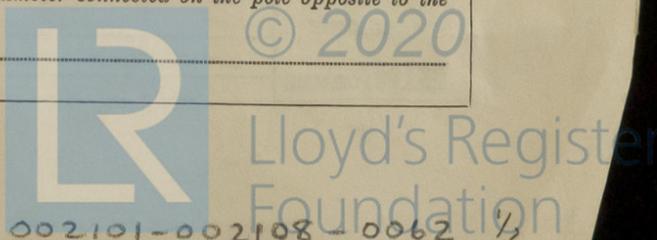
D.P. FUSES, NO SWITCH

and for each outgoing circuit DP SWITCH & FUSES

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule YES Instruments on main switchboard 1

ammeters 1 voltmeters - synchronising devices. For compound machines in parallel is the ammeter connected on the pole opposite to the

equaliser connection - Earth Testing, state means provided 2 LAMPS





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.

Electrical Engineers. Date

COMPASSES.

Minimum distance between electric generators or motors and standard compass 120'

Minimum distance between electric generators or motors and steering compass 120'

The nearest cables to the compasses are as follows:—

A cable carrying 5 Ampères 12' feet from standard compass 5' 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. If so, state name of vessel

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

The dynamo, main switchboard, distribution boards, cables and fittings have been examined, megger tested and found in good condition. The electrical installation is eligible in my opinion to be classed subject to the plans being approved.

Total Capacity of Generators. (ESTIMATED) 14 Kilowatts.

The amount of Fee ... .. £	7	:	When applied for,	19
Travelling Expenses (if any) £		:	When received,	19

*John G. ...*  
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute THE 4 JUL 1917

Assigned Sir F.E. ...

2m.10.38.—Transfer. (MADE IN ENGLAND.) (The Surveyors are requested not to write on or below the space for Committee's Minute.)