

Rpt. 13.

No. 4309A

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office... 3.3.47Date of writing Report... 25 FEB 1947 When handed in at Local Office... 19... Port of... CASABLANCA LISBONNo. in Survey held at... CASABLANCA Date, First Survey... 18 FEB Last Survey... 25 FEB 1947
Reg. Book. (Number of Visits...)on the... 2/2 CAID ALLAL ex CHESHIRE COAST Tons { Gross... 1122
Net... 466Built at... MIDDLESBROUGH By whom built... SIR RAYLTON DIXON & CO. LTD Yard No... 591 When built... 1915Owners... 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... NOHave plans been submitted and approved... System of Distribution... 2 WIRE Voltage of supply for Lighting... 110Heating... 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 atrip switch as per Rule... Generators, are they compound wound... YES, are they level compounded under working conditions...

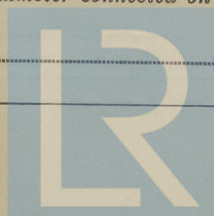
if not compound wound state distance between generators... and from switchboard... Where more than one generator is fitted are they

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 LEVELis 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 metalliccontact... YES Switchboards, where are main switchboards placed... AT STARBOARD SIDE OF ER. AT PLATFORM LEVELare they in accessible positions, free from inflammable gases and acid fumes... YES, are they protected from mechanical injury and damage from water, steamand oil... YES, if situated near unprotected combustible material state distance from same horizontally... and vertically... what insulationmaterial is used for the panels... SLATE, if of synthetic insulating material is it an Approved Type... if ofsemi-insulating material (slate or marble) are all conducting parts insulated therefrom as per Rule... YES Is the frame effectually earthed... YESIs the construction as per Rule... YES, including accessibility of parts... YES, absence of fuses on the back of the board... YES, individual fusesto 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 & FUSESD.P FUSES, NO SWITCHand for each outgoing circuit... DP SWITCH & FUSESAre compartments containing switchboards composed of fire-resisting material or lined as per Rule... YES Instruments on main switchboard... 1ammeters... 1 voltmeters... synchronising devices. For compound machines in parallel is the ammeter connected on the pole opposite to theequaliser connection... Earth Testing, state means provided... 2 LAMPS

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Lloyd's Register
Foundation

002101-002108-0062 1/2

PARTICULARS OF GENERATING PLANT.								
DESCRIPTION OF GENERATOR.	No. of	RATED AT				DRIVEN BY	WHERE DRIVEN BY AN INTERNAL COMBUSTION ENGINE.	
		Kilowatts.	Volls.	Ampères.	Revs. per Min.		Fuel Used.	Flash Point of Fuel.
MAIN ...	1	(ESTIMATED)	110	117	320	STEAM ENGINE		
	12							
EMERGENCY ...	-							
ROTARY TRANSFORMER	-							

DESCRIPTION.	KILOWATTS.	CONDUCTORS.		MAXIMUM CURRENT IN AMPERES.		APPROX. LENGTH (lead plus return feet).	INSULATED WITH.	HOW PROTECTED.
		No. in Parallel For Pole.	No. and Dia. of Strands. <small>(mm.)</small>	In the Circuit.	Rule.			
MAIN GENERATOR	(estimated) 14	1	19 x 23		118	8'	RUBBER	LEAD SHEATHED - ARMOURD
" " EQUALISER								
EMERGENCY GENERATOR								
ROTARY TRANSFORMER: MOTOE								
" " GENERATOR								

AUX. SWITCHBOARDS AND SECTION BOARDS ...	...	mm.					
ENGINE ROOM & BOILER ROOM	1	7x1.2	31	70'	RUBBER	LEAD SHEATHED, ARMOURER	
NAVIGATING LIGHTS	1	7x1.2	31	360'	"	" " "	"
POOP ACCOMMODATION, UPPER DECK	1	7x1.2	31	110'	"	" " "	"
" " TWEEN DECK	1	7x1.2	31	90'	"	" " "	"
CARGO CLUSTERS	1	7x1.2	31	300	"	" " "	"
TWEEN DECK & HOLD LIGHTS	1	7x1.2	31	300	"	" " "	"

WIRELESS	...	...	...	...	...	...	...	...
NAVIGATION LIGHTS	...	...	...	...	...	...	...	...
LIGHTING AND HEATING	...	...	...	...	...	...	...	...
IN HOLDS, INDIVIDUAL CABLES TO LIGHTS	1	3x7	7				RUBBER	LEAD SHEATHED, ARMOURER
ON DECK, " " CLUSTERS	1	3x7	7				"	" " " "
IN ACCOMMODATION, INDIVIDUAL CABLES	1	2x7	7				"	LEAD SHEATHED

[illegible]

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

Committee's Minute

Assigned

Surveyor to Lloyd's Register of Shipping.