

# REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office..... 25 NOV. 1925

24 NOV 1925

Date of writing Report 4. 11. 1925 When handed in at Local Office 10 Port of GLASGOW.

No. in Survey held at GLASGOW. Date, First Survey 4. 5. 25 Last Survey 3. 11. 25 19  
Reg. Book. (Number of Visits... 21)

38404. on the T.S.S. CONTE BIANCAMANO. Tons { Gross 22883  
Net

Built at DALMOIR By whom built W<sup>m</sup> BEARDMORE LTD Yard No. 640 When built 1925.

Owners LLOYD SABADDO SOC. ANON. per Azioni belonging to GENOA.

Electric Light Installation fitted by MESSRS W<sup>m</sup> BEARDMORE LTD Contract No. 640 When fitted 1925.

System of Distribution 2-WIRE ✓  
Pressure of supply for Lighting 110 ✓ volts, Heating 110 ✓ volts, Power 110 ✓ volts.

Direct or Alternating Current, Lighting DIRECT ✓ Power DIRECT ✓

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 Yes, 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 Yes, is an adjustable regulating resistance fitted in series with each shunt field Yes

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 TURBO ROOM HOLD, 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

REMOTE CONTROL BOARD  
Main Switch Boards, where placed TURBO ROOM, HOLD  
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 unprotected woodwork 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 Yes, is all insulation of high dielectric strength and of permanently high insulation resistance Yes, if semi-insulating material is used, are all conducting parts connected to one pole insulated from the slab with mica or micaite and the slab similarly insulated from its framework — 110, and is the frame 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 bars 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 EACH GENERATOR IS PROTECTED BY A D.P. CIRCUIT BREAKER WITH EQUALISING SWITCH AND WITH THE USUAL OVERLOAD AND REVERSE CURRENT TRIPS

Instruments on main switchboard 3 ammeters 3 voltmeters synchronising device for paralleling purposes.  
Earth Testing, state what means are provided at the main switchboard for indicating the state of the insulation of the system LEAKAGE INDICATOR AND EARTH LAMPS

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



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002690-002710-002



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.

	MAIN GENERATORS	260 ft.	
Distance between electric generators or motors and standard compass	EMERGENCY GENERATOR	190 ft.	NEAREST MOTOR 40 ft.
Distance between electric generators or motors and steering compass	MAIN GENERATORS	255 ft.	NEAREST MOTOR 35 ft.
	EMERGENCY GENERATOR	185 ft.	

The nearest cables to the compasses are as follows:—

A cable carrying 3.2 Ampères 16 feet from standard compass 13 feet from steering compass.  
 A cable carrying 10.0 Ampères 16 feet from standard compass 13 feet from steering compass.  
 A cable carrying 2.3 Ampères 16 feet from standard compass 13 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

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

FOR WILLIAM BEARDMORE & CO. LIMITED

Builder's Signature.

Date

19/11/25

Is this installation a duplicate of a previous case Yes If so, state name of vessel CONTE VERDE

General Remarks (State quality of workmanship, opinions as to class, &c.) This installation has been fitted on board in our special survey. Tested under full working conditions and found satisfactory. The workmanship was found to be good and sound.

It is submitted that this vessel is eligible for THE RECORD, Elec. light.

*JWD*  
27/11/25

Total Capacity of Generators 485 Kilowatts

The amount of Fee ... £ 45-12-6 : When applied for, 11-11-25.

Travelling Expenses (if any) £ : : When received, 25

*J. Rankin*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 24 NOV 1925

Assigned Elec. Light.



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*a.b.*  
*23/11/25*

Im. 9.24.—(Transfer: names are requested not to write on or below the space for Committee's Minute.)