

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report 10 When handed in at Local Office 10 Port of SAN FRANCISCO, CAL.

No. in Survey held at Boston, Mass. & San Francisco Date, First Survey 7 April Last Survey 3 June 1932
Reg. Book.

#1281 on the TW. S.C. S/S MONTEREY (Number of Visits 5)

Built at Quincy, Mass. By whom built Bethlehem S. B. Corp. Yard No. 1441 When built 1932
Tons { Gross 18017
Net 10580

Owners Oceanic S. S. Co. Port belonging to SAN FRANCISCO.

Electric Light Installation fitted by Bethlehem S. B. Corp. Contract No. 1441 When fitted 1932

System of Distribution 3 WIRE GROUNDED NEUTRAL

Pressure of supply for Lighting 115 volts, Heating 230 volts, Power 230 volts.

Direct or Alternating Current, Lighting D.C. Power D.C.

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 rating yes, are they compound wound shunt wound

are they over compounded 5 per cent. ✓, if not compound wound state distance between each generator abt 8'-0

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, clearly marked, and furnished with sockets yes, are they so spaced or shielded that they cannot be accidentally earthed,

short circuited, or touched yes Are the lubricating arrangements of the generators as per Rule yes

Position of Generators in Generator Room

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 axes 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 Generator Room

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, non-ignitable 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 insulated from the slab

with mica or micamite or other non-hygrosopic insulating material, and the slab similarly insulated from its framework ✓

and is the frame effectively earthed yes Are the fittings as per Rule regarding:— 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

Circuit Breaker & 3 pole Pole Switch for each Generator. Each outgoing circuit

has 2 pole or 3 pole Pole Switch. No equalisers

Instruments on main switchboard 8 ammeters 4 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

GROUND DETECTOR LAMPS & METER

Switches, Circuit Breakers and Fusible Cut-outs, do these comply with the requirements of the Rules yes

Joint Boxes Section and Distribution Boards, is the construction, protection, insulation, material, and position of these as per rule yes



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Lloyd's Register Foundation

014513-014530-0053 1/2

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.

BETHLEHEM S. B. CORP^N

Electrical Engineers.

Date 9 May 1932

COMPASSES.

Distance between electric generators or motors and standard compass

alt 300 feet

Distance between electric generators or motors and steering compass

The nearest cables to the compasses are as follows:—

A cable carrying $\frac{1}{4}$ Ampères close feet from standard compass close feet from steering compass.

A cable carrying 5 Ampères alt 15 feet from standard compass alt 15 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 degrees on course in the case of the standard compass, and degrees on course in the case of the steering compass.

BETHLEHEM S. B. CORP^N

J. H. Hakeham
Genl. President

Builder's Signature.

Date 9 May 1932

Is this installation a duplicate of a previous case YES If so, state name of vessel

MARIPOSA
San Francisco Regt 6623

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

The electric installation of this vessel has not been fitted under Special Survey but it has been examined & tried at full load & found to comply with the Rules & approved plans, & the workmanship & material are good.

It is now in good & safe working condition & eligible, in our opinion, to receive the notation ELEC. LIGHT in the Register Book

It is submitted that
this vessel is eligible for
THE RECORD.

Elec. light.
J. H.
29/6/32

Total Capacity of Generators 2000 Kilowatts. MAIN
30 EMERGENCY.

The amount of Fee ... £

When applied for,

When received,

Travelling Expenses (if any) £

J. S. Archbold John S. Heck
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

NEW YORK JUN 15 1932

Assigned

Elec. light