

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office.....

Date of writing Report... 1-10-47 When handed in at Local Office... 19... Port of... LIVERPOOL.

No. in Survey held at... GLASSON DOCK Date, First Survey... 2/4/46 Last Survey... 3/9/46  
(Number of Visits.....)

Reg. Book. 62199 on the... STEAM TRAWLER ST. PHILIP (EX KUNISHI) Tons { Gross..... Net.....

Built at... MIDDLEBROUGH By whom built... SMITHS DOCK CO. LTD. Yard No. - When built... 1927

Owners... BOSTON DEEP SEA FISHING & ICE CO. LTD. Port belonging to.....

Electrical Installation fitted by... ORIGINAL NOT KNOWN. RE-FITTED BY BOSTON DEEP SEA FISHING & ICE CO. LTD. Contract No. - When fitted... 1946

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

Have plans been submitted and approved... No System of Distribution... 400 volt Voltage of supply for Lighting... 110

Heating... Power... Direct or Alternating Current, Lighting... DC 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... Yes,

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

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... No and the results found as per rule... Are the lubricating arrangements and the construction

of the generators as per rule... Yes Position of Generators... in Engine Room.

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... in Engine Room adjacent to generators.

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... in damped, if of synthetic insulating material is it an Approved Type... Yes, if of

semi-insulating material (slate or marble) are all conducting parts insulated therefrom as per Rule... Is the frame effectually earthed...

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.,... Yes 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... Double pole switch

and for each outgoing circuit... Double-pole 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... Bare Lamps.



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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 60 ft

Minimum distance between electric generators or motors and steering compass 60 ft.

The nearest cables to the compasses are as follows:—

A cable carrying 15 Ampères 8 feet from standard compass 5 feet from steering compass.

A cable carrying 20 Ampères blank feet from standard compass 4 feet from steering compass.

A cable carrying 20 Ampères 4 feet from standard compass blank 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  
 Owner state compasses were adjusted before vessel proceeded to sea on completion of survey.

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 60. 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 original

Electrical equipment of this vessel was installed under British Corporation Survey.  
 This installation with the exception of the generator has been stripped out and renewed in accordance with Rule requirements and as detailed in this Report.  
 The generator was dismantled & thoroughly overhauled. On completion the electrical equipment was examined, tested under full working conditions, insulation test carried out & all found in good efficient condition.  
 In my opinion the electrical equipment of this vessel is eligible to be accepted.

Total Capacity of Generators 10 Kilowatts.

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

*H. Staffen*  
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned See Minute on Liverpool Report of No. 124585

ML-10  
 (MADE IN ENGLAND.)  
 2m.10.33.—Transfer.  
 (The Surveyors are requested not to write on or below the space for Committee's Minute.)

LIVERPOOL 15 OCT 1946



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