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ds per incl

No. 22869.

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 29 JUN 1950

ensation:
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Writing Report 19 When handed in at Local Office 22-6-1950 Port of ABERDEEN

ial.
ok.

Survey held at ABERDEEN Date, First Survey 1/3/50 Last Survey 3/4/1950
(No. of Visits 6)

e.
ts.

on the S.S. LANARK BROOK Tons { Gross 982.09 Net 484.99

No
ers

at ABERDEEN By whom built JOHN LEWIS & SONS Yard No. 223 When built 1950

eter of r
illation fitted by

COMBEN HUNGSTAFF & CO. LD Port belonging to LONDON

JOHN LEWIS & SONS LD When fitted 1950

essel equipped for carrying Petroleum in bulk

Is vessel equipped with D.F. YES E.S.D. Gy.C. No. Sub. Sig. No.

ave they been submitted and approved

YES System of Distribution TWO WIRE Voltage of Lighting 110 V

ng

Power D.C. or A.C., Lighting DC Power If A.C. state frequency

Movers, has the governing been found as per Rule when full load is thrown on and off

YES Are turbine emergency governors fitted

Generators, are they compound wound

YES and level compounded under working conditions YES

compound wound state distance between generators

and from switchboard Are the generators arranged to run

parallel

NO are shunt field regulators provided YES Is the compound winding connected to the negative or positive pole

Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing

Have certificates of

for machines under 100 kw. been supplied

YES and the results found as per Rule YES

ion of Generators

STARBOARD SIDE OF ENGINE ROOM

ventilation in way of generators satisfactory

YES are they clear of inflammable material and protected from mechanical injury and

age from water, steam and oil

YES Switchboards, where are main switchboards placed STARBOARD AFT

DESCRIPTION OF

ENGINE ROOM

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

and oil YES, what insulation is used for the panels SINDANYO, 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

Rule

Is the construction as per Rule, including locking of screws and nuts YES Description of Main Switchgear

each generator and arrangement of equaliser switches

DOUBLE POLE SWITCHES AND FUSES

the switch and fuse gear (or circuit breakers) for each outgoing circuit

DOUBLE POLE SWITCHES AND

compartments containing switchboards composed of fire-resisting material or lined as per Rule

Instruments on main switchboard TWO

voltmeters

TWO voltmeters NO synchronising devices For compound machines in parallel are the ammeters and reversed current

tection devices connected on the pole opposite to the equaliser connection

Earth Testing, state means provided

switches, Circuit Breakers and Fuses, are they as per Rule

YES are the fuses an Approved Type YES

type of fuses

SLYD LOCK are all fuses labelled YES If circuit breakers are provided for the generators, at what

load do they operate

and at what current do the reversed current protective devices operate

Boxes, Section Boards and Distribution Boards, is the construction as per Rule

YES

are they insulated and protected as per Rule

YES, if otherwise than as per Rule are they of an Approved Type

maximum fall of pressure between bus bars and any point under maximum load

Under 6% are the ends of all cables having a sectional

of 0.01 square inch and above provided with soldering sockets

YES Are all paper insulated and varnished cambric insulated

are sealed at the ends

NOT USED Are all the cable runs in accessible positions, not exposed to drip or accumulation of water or oil,

temperatures or risk of mechanical damage

YES are any cables laid under machines or floorplates ESP. ONLY, if so, are they

adequately protected

YES Are cables in machinery spaces, galleys, laundries, etc., lead covered YES or run in conduit

of the "HR" type

State how the cables are supported or protected

SUPPORTED

AND PROTECTED BY CABLE TRAYS

all lead sheaths, armouring and conduits effectually bonded and earthed

YES Are all cables passing through decks and watertight

heads provided with deck tubes or watertight glands

YES, where unarmoured cables pass through beams, etc., are the holes

adequately bushed

YES Refrigerated chambers, are the cables and fittings as per Rule

Alternative Lighting, are the groups of lights in the engine and boiler rooms arranged as per Rule

YES Emergency Supply, state position



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005194-005209-0164 1/2

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.

Charles D. Lewis Electrical Contractors. Date 17/6/50
JOHN LEWIS & SONS Ltd.

COMPASSES.

Have the compasses been adjusted under working conditions yes
Charles D. Lewis Builder's Signature. Date 17/6/50
JOHN LEWIS & SONS Ltd.

Have the foregoing descriptions and schedules been verified and found correct yes
 Is this installation a duplicate of a previous case yes If so, state name of vessel LINCOLN BROOK
 Plans. Are approved plans forwarded herewith YES If not, state date of approval -
 Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith yes.

General Remarks. (State quality of workmanship, whether insulation tests, etc., have been made, opinions as to class, etc.)
 The electrical equipment of this vessel has been installed under special survey, in accordance with the Rules and the approved plans.
 The materials and workmanship are good.
 The electrical installation tried under working conditions and found satisfactory, and in my opinion is eligible for classification with this society.

Noted Exh 27/7/50.

Total Capacity of Generators 14.5 Kilowatts.

The amount of Fee ... £ 17 : 10 : 0 } When applied for, 23.6 1950
credit Glasgow 50%
 Travelling Expenses (if any) £ : : } When received, 19

John Douglas
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 28 JUN 1950

Assigned ACCOMPANYING MACHINERY REPORT.

10, 11, 15 - Transfer. (MADE AND PRINTED IN ENGLAND.)
 (The Surveyors are requested not to write on or below the space for Committee's Minute.)



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