

ned off part,
or
reads
20213.
uds per inch
pensation:
40-

No. 22869.

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 29 JUN 1950

Writing Report ☒ 19 When handed in at Local Office 22-6-1950 Port of ABERDEEN
Survey held at ABERDEEN Date, First Survey 1/3/50 Last Survey 3/4/1950
(No. of Visits 6)
on the S.S. LANARK BROOK Tons { Gross 982.09
Net 484.99
At ABERDEEN By whom built JOHN LEWIS & SONS Ltd Yard No. 223 When built 1950
ers COMBEN LONGSTAFF & CO. LTD Port belonging to LONDON
meter of rillation fitted by JOHN LEWIS & SONS LTD When fitted 1950

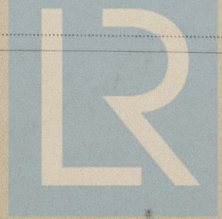
essel equipped for carrying Petroleum in bulk. Is vessel equipped with D.F. YES E.S.D. Gy.C. No. Sub. Sig. No.
have they been submitted and approved. YES System of Distribution TWO WIRE Voltage of Lighting 110 V
ing. Power. D.C. or A.C., Lighting. DC Power. If A.C. state frequency.
e Movers, has the governing been found as per Rule when full load is thrown on and off. YES Are turbine emergency governors fitted
superheated trip switch. Generators, are they compound wound. YES, and level compounded under working conditions. YES
the boiler 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
Worki. GATIVE Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing. Have certificates of
Hydra for machines under 100 kw. been supplied. YES and the results found as per Rule. YES
A. ion of Generators. STARBOARD SIDE OF ENGINE ROOM
e 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
t descrip. F ENGINE ROOM

hey in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water,
n and oil. YES, what insulation is used for the panels. SINDANYO, if of synthetic insulating
d herewit. rial 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
ach 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
FUSES
compartments containing switchboards composed of fire-resisting material or lined as per Rule. Instruments on main switchboard. TWO
eters. TWO voltmeters. NO synchronising devices. For compound machines in parallel are the ammeters and reversed current
ection devices connected on the pole opposite to the equaliser connection. Earth Testing, state means provided.
EN. IMPS, WITH SWITCH AND FUSE IN EACH POLE.
tches, Circuit Breakers and Fuses, are they as per Rule. YES, are the fuses an Approved Type. YES
e of fuses. SHYD 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.

t Boxes, Section Boards and Distribution Boards, is the construction as per Rule. YES
es, are they insulated and protected as per Rule. YES, if otherwise than as per Rule are they of an Approved Type.
e 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
es 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
nately protected. YES Are cables in machinery spaces, galleys, laundries, etc., lead covered. YES or run in conduit.
f 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
Register. tively bushed. YES Refrigerated chambers, are the cables and fittings as per Rule.
rnative Lighting, are the groups of lights in the engine and boiler rooms arranged as per Rule. YES Emergency Supply, state position



© 2020

Lloyd's Register
Foundation

005194-005209-0164 1/2

PARTICULARS OF GENERATING PLANT.

GENERATOR CABLES.

MAIN DISTRIBUTION CABLES (to Section Boards, Distribution Fuse Boards, etc.).

LIGHTING, HEATING, WIRELESS, NAVIGATION LIGHTS, ETC., CABLES.

MOTOR CABLES.

[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.

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

COMPASSES.

Have the compasses been adjusted under working conditions

yes

John D. Lewis
JOHN LEWIS & SONS Ltd.

Builder's Signature.

Date 17/6/50

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 :
budget Glasgow 50%
When applied for, 23.6 19.50
When received, 19.

Travelling Expenses (if any) £

Committee's Minute

GLASGOW 28 JUN 1950

Assigned

ACCOMPANYING MACHINERY REPORT

John Douglas
Surveyor to Lloyd's Register of Shipping.