

No. 19737

18 APR 1953

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

ing Report 13th April 1953 When handed in at Local Office 14th April 1953 Port of Gothenburg

Survey held at Gothenburg Date, First Survey - Last Survey - 19 -
(No. of Visits -)

on the Steamer "B O K E F O R S" Tons { Gross 2944
Net 1557

Aalborg By whom built Aalborgs Vaerft A/S Yard No. 81 When built 1946

Rederi AB Clipper Port belonging to Malmö

on fitted by Aalborg Vaerft A/S When fitted 1945-46

quipped for carrying Petroleum in bulk - Is vessel equipped with D.F. Yes E.S.D. Yes Gy.C. - ~~Subs.~~ - Radar Yes

nd 2 e they been submitted and approved - System of Distribution Single Pole Voltage of Lighting 220

- Power 220 D.C. or A.C., Lighting Direct Power Direct If A.C. state frequency -

er heat vers, has the governing been found as per Rule when full load is thrown on and off - Are turbine emergency governors fitted

boiler p switch - Generators, are they compound wound Yes, and level compounded under working conditions -

enerators arranged to run in parallel No Is the compound winding connected to the negative or positive pole -

Hydra hines 100 kw. and over been inspected by the Surveyors during manufacture and testing - Have certificates of test for machines

kw. been supplied and the results found as per Rule - Position of Generators 1 x 15 KW stbd. fwd. 2 x 12 KW

rd (in- and outboard) on engine room floor. 1 x 7.5 KW on a platform

utilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury and

Descri rom water, steam and oil Yes Switchboards, where are main switchboards placed Starboard side aft on

room floor.

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

erewil oil Yes, what insulation is used for the panels Mica, if of synthetic insulating

is it an Approved Type - if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom as

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

generator and arrangement of equaliser switches A single pole linked circuit breaker with a fuse.

switch and fuse gear (or circuit breakers) for each outgoing circuit. A single pole breaker and a fuse in the pole.

partments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard -

s. - voltmeters - synchronising devices. For compound machines in parallel are the ammeters and reverse current

n devices connected on the pole opposite to the equaliser connection - Earth Testing, state means provided -

- Preference Tripping, state if provided - and tested -

t, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes

fuses Selfa, are all fuses labelled Yes If circuit breakers are provided for the generators, at what

for do they operate - and at what current do the reverse current protective

operate - Cables, are they insulated and protected as per Rule Yes

ise than as per Rule are they of an Approved Type Yes, state maximum fall of pressure between bus bars and any point

aximum load - volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends No paper cables

the cable runs in accessible positions not exposed to drip or accumulation of water or oil, high temperatures or risk of mechanical

- are any cables laid under machines or floorplates No, if so, are they adequately protected - State

cables (if in conduit this should also be stated) in machinery spaces - galleys -

dries - State how the cables are supported or protected -

ted by metal clips. All cables from generators and to motors lead covered and wire armoured or braided.

ngs cables in accomodation lead covered and wire armoured.

lead sheaths, armouring and conduits effectually bonded and earthed - Are all cables passing through decks and watertight

s provided with deck tubes or watertight glands Yes, where unarmoured cables pass through beams, etc., are the holes

y bushed Yes Refrigerated chambers, are the cables and fittings as per Rule Yes

frigeration fan motors been constructed under survey - and test certificates supplied -

motors accessible for maintenance at all times -

Insulation Tests, has the insulation resistance of all circuits and apparatus been tested and found satisfactory..... Yes

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 Contractors.

Date

COMPASSES.

Have the compasses been adjusted under working conditions

Builder's Signature.

Date

Have the foregoing descriptions and schedules been verified and found correct

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

Plans. Are approved plans forwarded herewith If not, state date of approval

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith

General Remarks. (State quality of workmanship and materials, opinions as to class, etc.)

The above items checked as far as practicable.

This report for information of the Committee in view of the Owners request to have the class notation for the vessel amended from BS to 100A1.

Note: The area of main cables for steam generators below Rules Requirements.

Total Capacity of Generators 46.5 Kilowatts.

The amount of Fee ... £ : : When applied for,

19

When received,

19

Travelling Expenses (if any) £ : :

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned

See minute on p 7 ft

FRI 1 NOV 1953



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