

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office.

24 JUL 1952

Date of writing Report 18th June 1952 When handed in at Local Office 19 Port of HAMBURG

Survey held at Elmsborn Date, First Survey 14th Nov. 51 Last Survey 18th April 1952

(No. of Visits 16)

on the Motor Tanker "ISEBEK" Tons { Gross 497.95 Net 270

built at Elmsborn By whom built D.W. Kremer Sohn Yard No. 1001 When built 1952

owners Knöhr & Burchard NfL Port belonging to Hamburg

Installation fitted by Gebr. Meyn, Elmsborn When fitted 1952

vessel equipped for carrying Petroleum in bulk yes Is vessel equipped with D.F. - E.S.D. yes Gy.C. - Sub.Sig. - Radar -

Plans, have they been submitted and approved yes System of Distribution 2 wire Voltage of Lighting 110

Rating - Power 110 V D.C. or A.C., Lighting D.C. Power D.C. If A.C. state frequency -

Are Movers, has the governing been found as per Rule when full load is thrown on and off yes Are turbine emergency governors fitted

with a trip switch - Generators, are they compound wound yes, and level compounded under working conditions -

Are the generators arranged to run in parallel no Is the compound winding connected to the negative or positive pole negative

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

over 100 kw. been supplied and the results found as per Rule yes Position of Generators engine room

Port aft (30 KW diesel generator), Starboard aft (10 KW shaft generator) Stbd. outboard (3 KW emergency diesel set).

Is the ventilation in way of generators satisfactory yes are they clear of inflammable material and protected from mechanical injury and

damage from water, steam and oil yes Switchboards, where are main switchboards placed engine room Port side

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

steam and oil yes, what insulation is used for the panels dead from construction, if of synthetic insulating

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

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

for each generator and arrangement of equaliser switches double linked switch with fuse in each pole

Is the switch and fuse gear (or circuit breakers) for each outgoing circuit double pole linked switch with fuse in

each pole.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard 5

Ammeters 3 voltmeters - synchronising devices. For compound machines in parallel are the ammeters and reverse current

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

Preference Tripping, state if provided no, and tested -

Arresters, Circuit Breakers and Fuses, are they as per Rule yes, are the fuses an Approved Type yes

Type of fuses Siemens, are all fuses labelled yes If circuit breakers are provided for the generators, at what

load do they operate not provided, and at what current do the reverse current protective

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

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

over maximum load 4 volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends -

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

damage yes, are any cables laid under machines or floorplates boiler fan, if so, are they adequately protected yes State

location of cables (if in conduit this should also be stated) in machinery spaces M.K. Marine, galleys M.K. Marine

laundries - State how the cables are supported or protected Suitably clipped to cable trays

and laid in tubes.

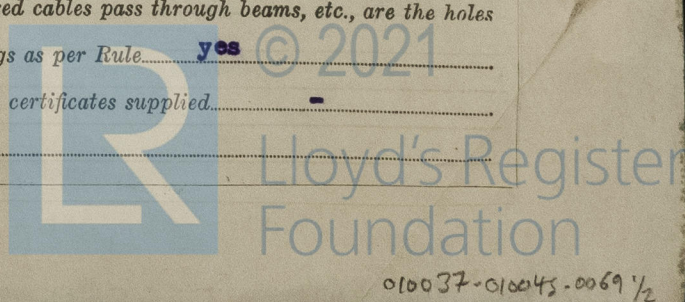
Are all lead sheaths, armouring and conduits effectually bonded and earthed yes Are all cables passing through decks and watertight

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

thoroughly bushed - Refrigerated chambers, are the cables and fittings as per Rule yes

Have refrigeration fan motors been constructed under survey - and test certificates supplied -

Are the 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.

Gehr. Mayn, Elmshorn
Inst. elektr. Anlagen

Gehr. Mayn

Electrical Contractors.

Date 23. 6. 52.

COMPASSES.

Have the compasses been adjusted under working conditions..... yes

D. W. Kremer Sohn

D. W. Kremer Sohn

Builder's Signature.

Date 23. 6. 52

Have the foregoing descriptions and schedules been verified and found correct..... yes

Is this installation a duplicate of a previous case..... no If so, state name of vessel -

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 and materials, opinions as to class, etc.) The electrical equipment has been installed under Special Survey in accordance with the approved plans and the Secretary's letters. The materials and workmanship are good. On completion the equipment was tested under working conditions and found satisfactory. This equipment is in my opinion, suitable for a classed vessel.

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Total Capacity of Generators..... 43 Kilowatts.

The amount of Fee ... DM 480 : When applied for,

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Travelling Expenses (if any) DM 60 : When received,

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Surveyor to Lloyd's Register of Shipping.

Committee's Minute..... 22 AUG 1952

Assigned Su F. E. moly nph



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