

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 31st March 1953 When handed in at Local Office _____ 19____ Port of HAMBURG

No. in Survey held at HAMBURG Date, First Survey 21st Jan. Last Survey 12th Mar. 1953
 Reg. Book. _____ (No. of Visits 11)

64263 on the M.V. "STANVAC NAIROBI" (ex "JAMES J. MAGUIRE") Tons 11643
 Gross 6857.83
 Net _____

Built at Monfalcone By whom built Cant. Riuniti dell'Adriatico Yard No. - When built 1939,5

Owners Oriental Trade & Transport Co. Port belonging to London

Installation ~~new~~ partly new fitted by: Willi Ostermann, Hamburg. When fitted 1953

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

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

Heating - Power yes D.C. or A.C., Lighting D.C. Power 110 If A.C. state frequency -

Prime 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 yes

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 - Have certificates of test for machines under 100 kw. been supplied and the results found as per Rule yes Position of Generators port forward and

port aft in main engine room

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 port aft

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 as before, 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 each generator is fitted with a linked switch and a max. release

Engines not running in parrallel

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

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard 3

ammeters 2 voltmeters 1 Ohmmeter 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 1 Ohm-

meter and control lights Preference Tripping, state if provided -, and tested -

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

make of fuses Hundt & Weber, are all fuses labelled yes If circuit breakers are provided for the generators, at what overload do they operate 520 Amperes, and at what current do the reverse current protective devices operate - Cables, are they insulated and protected as per Rule yes, if otherwise than as per Rule are they of an Approved Type -, state maximum fall of pressure between bus bars and any point under maximum load - volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends yes

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 yes, if so, are they adequately protected suitable pipes State type of cables (if in conduit this should also be stated) in machinery spaces M.K. cables, galleys M.K. cables and laundries - State how the cables are supported or protected suitably clipped or carried

in covered cable trays

Are all lead sheaths, armouring and conduits effectually bonded and earthed yes Are all cables passing through decks and watertight bulkheads provided with deck tubes or watertight glands yes, where unarmoured cables pass through beams, etc., are the holes effectively bushed yes Refrigerated chambers, are the cables and fittings as per Rule -

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

Are the motors accessible for maintenance at all times -

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.

Willy Ostermann
Ingenieurbüro

Electrical Contractors.

Date 1.4.1953

COMPASSES.

Have the compasses been adjusted under working conditions yes

HOWALDTSWERKE HAMBURG A.-G.

W. Ostermann

Builder's Signature.

Date

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 no If not, state date of approval 22.2.53

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 part new electrical equipment of this vessel has been installed under Special Survey in accordance with the approved plans and the Secretary's letters. The material and workmanship are good. On completion the equipment was tried under working conditions and found satisfactory. The equipment is, in my opinion, suitable for a classed vessel.

10	1	10	70	108	122	12	12	12	12
2.5	4	2.5	50	50	50	42	42	42	42
2	1	2	20	20	20	20	20	20	20
2.5	1	2.5	-	34	-	-	-	-	-
7.4	2	7.4	100	78	122	6	6	6	6
1.5	1	1.5	5	5	5	5	5	5	5
-	1	-	-	-	-	6	6	6	6

Total Capacity of Generators 100 Kilowatts.

The amount of Fee ... £ see Rpt. 9 : When applied for, 19
When received, 19
Travelling Expenses (if any) £ : : 19

W. O. Ostermann

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned

2m.8.50.—Transfer. (MADE AND PRINTED IN ENGLAND.) (The Surveyors are requested not to write on or below the space for Committee's Minute.)