

Rpt. 13.

No. 21298

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 25 MAR 1957

Date of writing Report 11-2-1957 When handed in at Local Office 13-2-1957 Port of Amsterdam
No. in Survey held at Zaandam Date, First Survey 28-6-56 Last Survey 9-1-1957
Reg. Book. (No. of Visits 5)
Tons { Gross 499.39
Net ---
on the m.s. "CAPELLA"
Built at Zaandam By whom built Scheepswerf "Kraaier" NV Yard No. 1168 When built 1956
Owners J. Rusthoven, at Haren (Gron.) Port belonging to Groningen
Installation fitted by A. de Hooft NV When fitted 1956
Is vessel equipped for carrying Petroleum in bulk no Is vessel equipped with D.F. yes E.S.D. yes Gy.C. no Sub.Sig. no Radar no
Plans, have they been submitted and approved yes System of Distribution 2-wire insulated Voltage of Lighting 110 V
Heating --- Power 110 V D.C. or A.C., Lighting DC Power DC 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
yes, except shaft driven set
with a trip switch --- Generators, are they compound wound shunt wound 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 Engine room PS frame 8 and frame 17
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, main deck level,
frame 9
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 front type, 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 switch & DD fuses
and the switch and fuse gear (or circuit breakers) for each outgoing circuit DP fuses & DP switches
Are compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard two
ammeters two 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 earth
lamps 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 Hazemeyer & Weber are all fuses labelled yes If circuit breakers are provided for the generators, at what
overload do they operate ---, 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 under 6% 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 no, if so, are they adequately protected --- State
type of cables (if in conduit this should also be stated) in machinery spaces V.I.R.-H.R.-Type, galleys V.I.R.-H.R.-Type
and laundries --- State how the cables are supported or protected
Machinery space clipped to steel frame work or perforated steel trays
Cargo holds clipped to and protected by steel trays
Accommodation spaces clipped to perforated steel trays or wood grounds
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 ---

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PARTICULARS OF GENERATING PLANT.

GENERATOR CABLES.

MAIN DISTRIBUTION CABLES (to Auxiliary Switchboards, etc.).

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

MOTOR CABLES.

NOTE.—Use Rpt. 13 Continuation Sheet if the above space is insufficient.

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. yes

SCHUYLKRAANER N.V. ZAANDAM

Builder's Signature. Date 15-3-57

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

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. 15-8-'56

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 of this vessel, has been installed under Special Survey in conformity with the Society's Rules and Regulations and the Secretary's letters and the approved plans or equivalent thereto.

The materials used are of good quality and the design and workmanship are good.

On completion the equipment was tried under full working conditions and found good.

The equipment is in my opinion suitable for a classed vessel.

Total Capacity of Generators 12 Kilowatts.

The amount of Fee ... £ 132.- : When applied for, 22/3 1957

Travelling Expenses (if any) £ 68.- : When received, 19

Chall
Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUESDAY 18 JUN 1957

Assigned Su Rpt. 1.



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