

31 AUG 1960

Rpt. 13.

No. F.E.M.022

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

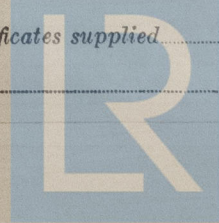
Date of writing Report 25-7-1960 When handed in at Local Office 26-7-1960 Port of Gdansk
 No. in Survey held at Gdynia Date, First Survey 10-2-60 Last Survey 24-6-1960
 Reg. Book. (No. of Visits 13) 1006
 on the M.V. "CHOCHLIK" Tons }
 Built at Gdynia By whom built Paryskiej w Gdynia Yard No. B57/4 When built 1960-6
 Owners Polish Government Port belonging to Szczecin
 Installation fitted by Shipyard Electrical Dept. When fitted 1960-6
 Is vessel equipped for carrying Petroleum in bulk No. Is vessel equipped with D.F. Yes. E.S.D. Yes. Gy. C. Yes. Sub. Sig. No. Radar Yes.

Plans, have they been submitted and approved Yes. System of Distribution 2 wire D.C. Voltage of Lighting 220
 Heating - Power 220 D.C. or A.C., Lighting - Power - 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 Yes Is the compound winding connected to the negative or positive pole Positive
 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 floor
 level, For'd Port, For'd Centre, For'd Stbd.
 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 floor
 level, port forward 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 mounted in insulated bases, 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 Triple pole circuit breakers with overload
 & reverse current relay.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Rotary switches & fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 7
 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. Yes. Earth Testing, state means provided
 Voltmeter-megohmmeter Preference Tripping, state if provided No. and tested -
 Switches, Circuit Breakers and Fuses, are they as per Rule Yes. are the fuses an Approved Type Yes.
 Polish State factories
 make of fuses BM WTO I & II are all fuses labelled Yes. If circuit breakers are provided for the generators, at what
 B1 GSZ
 overload do they operate 15 Sec delay at 215amp (115% Fl), and at what current do the reverse current protective
 devices operate 20 Amps 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 less than 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 Yes, if so, are they adequately protected Yes State
 type of cables (if in conduit this should also be stated) in machinery spaces LC WB, galleys LC WB.
 and laundries LC WB State how the cables are supported or protected Carried on cable trays
 or securely clipped to steel supporting brackets. Cables running within cargo
 spaces protected by sheet metal casings

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 Yes.
 Have refrigeration fan motors been constructed under survey - and test certificates supplied
 Are the motors accessible for maintenance at all times Yes.



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Nos

Entered in Aalborg Rough Fee Book 3-8-32

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

ALL IMPORTANT MOTORS TO BE ENUMERATED.		No.	B.H.P.								
02	Windlass	1	27.5	1	50	93.5	99	70			
03	F.W. Circ Pump	1	20.5	1	35	69	78	7.5			
04	Fire Pump	1	20.5	1	35	69	78	9			
07	Air Compressor	1	18.8	1	35	63.7	78	16			
09	Bilge Pump	1	16.3	1	25	54.5	63	11			
10	Ballast Pump	1	18.1	1	25	61.5	63	11	Rubber	LCWB	
17	M.E.Lub Oil Pump	1	5.9	1	4	20.0	22.5	18			
23	Steering Machinery	1	1.8	1	6	10.6	29	45			
	Oil Purifier	2	1.9	1	2.5	64	15.5	5			
	Oil fuel trans pump	1	2.2	1	2.5	7.3	15.5	5			
	Engine room fans	2	.8	1	1.5	2.8	9.5	2.5			

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.

P. Sienko

Electrical Contractors.

Date 8.08.60

COMPASSES.

Have the compasses been adjusted under working conditions

Yes.

DYREKTOR TECHNICZNY

S. Gorgon

Builder's Signature.

Date 8.08.60

mgr. inż. Stanisław Gorgon

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 "SKIERKA" B57/3 (Still building)

Plans. Are approved plans forwarded herewith No.

If not, state date of approval 30-10-58.

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, cables and fittings in this vessel have been fitted and installed under Special Survey in accordance with the Rules, approved plans and Secretary's Letters.

The installation has been tested under working conditions, and found satisfactory. The quality of material and workmanship are good.

The installation in my opinion is such as could be classed with the Society in conjunction with the Main and Auxiliary Machinery.

Total Capacity of Generators 135. Kilowatts.

The amount of Fee ... £ 99 : 9 : 7
& zł 5.190.-

When applied for,
30.6. 19 60

When received,

Travelling Expenses (if any) £ zł. 905.- 19.

N. Pienes

Surveyor to Lloyd's Register of Shipping.

N. Pienes

Committee's Minute FRIDAY 28 OCT 1960

Assigned

See Rpt. 1.



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7.9.60

MC