

Rpt. 13.

REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

No. 38589

29 NOV 1954

Date of writing Report 19... When handed in at Local Office 19... Received at London Office

No. in Survey held at... Reg. Book... Date, First Survey 31-8-53 Last Survey 10-8-54 (No. of Visits 6)

on the Floating sheerleg UESILIRMAK

Built at Utrecht By whom built N.V. NED. KRAANBOUW M.J. Yard No. 1506 II Tons Gross 328 Net 312

Owners DENIZCILIK BANKASI Port belonging to ISTANBUL

Installation fitted by N.V. REM. J. H. CROON P.C. Rotterdam When fitted 1954

Is vessel equipped for carrying Petroleum in bulk no Is vessel equipped with D.F. no E.S.D. no Gy.C. no Sub.Sig. no Radar no

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

Heating Power D.C. or A.C., Lighting DC 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 and level compounded under working conditions

Are the generators arranged to run in parallel Is the compound winding connected to the negative or positive pole

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 Position of Generators Boilerroom

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 Boilerroom

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 DP switch & DP fuses

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

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard 1

ammeters 1 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

indicating 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 (KEMA approved)

make of fuses 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 < 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 NICC & VIR-LC-MWB galleys VIR-LC-MWB

and laundries State how the cables are supported or protected cable clipped to

perforated plating

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

DESCRIPTION OF GENERATOR.	No. of	MAKER.	RATED AT				PRIME MOVER.	
			Kw. per Generator.	Volts.	Ampères.	Revs. per Min.	TYPE.	MAKER.
MAIN ...	1	Smitt Slikkerveer	6.3	110	57	750	Steam driven	Smitt Slikkerveer
EMERGENCY ...								
ROTARY								
TRANSFORMER								

[illegible]

DESCRIPTION.		1	5	25 ✓	58	20	M1	CC
Shore connection box 25A	}	1	5	25 ✓	58	20	M1	CC
Upperdeck St Bd								
Shore connection box 15A	}	1	5	25 ✓	58	12	M1	CC
Upperdeck Port								

DESCRIPTION.	CONDUCTORS.		MAXIMUM CURRENT IN AMPERES.		APPROX. LENGTH (lead plus return feet). M	INSULATION.	PROTECTIVE COVERING.
	No. In Parallel per Foil.	Sectional Area or No. and Dia. of Strands. Sq. ins. or sq. mm.	In the Circuit.	Rule.			
Supplied from main switchboard:							
2 Floodlights sheerlegs	1	2	9 ✓	15	50	MI	CC
4 Deck lamps fore	1	2	7 ✓	15	40	MI	CC
Lighting storeroom & plugcontacts ship } fore.	1	1	15 ✓	5	40	MI	CC
Plugcontact outside deckhouse St.Bd. &							
lighting cabins St.Bd. & plugcontact } St.Bd. boilerroom)	1	1	2 ✓	5	30	MI	CC
Lighting boilerroom St.Bd.	1	1	4 ✓	5	25	MI	CC
Plugcontact outside deckhouse Port & }	1	15	3 ✓	95	30	VIR	LC & MWB
Lighting galley, workshop, W.C. & Lobby }							
Lighting boilerroom Port & storeroom }	1	1	5 ✓	5	30	MI	CC
after & plugcontact aftership }							
Decklamp after	1	1	2 ✓	5	30	MI	CC

[illegible]

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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.

N.V. Rotterdamsche Electriciteits Mij.

v/b H. OROON & Co.

DIR.

Electrical Contractors.

Date 27-7-1954

COMPASSES.

Have the compasses been adjusted under working conditions not fitted

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 Yes

If so, state name of vessel KIZILIRMAR

Plans. Are approved plans forwarded herewith no

If not, state date of approval 3-2-1954

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 electrical equipment of this crane has been installed under special survey in conformity with the Society's Rules and Regulations and the approved plans or equivalent thereto

The materials used are of a good quality and the design and workmanship are good. On completion the equipment has been tried under full working conditions and found satisfactory

This equipment is in my opinion suitable for a classed vessel

Noted JS
13/12/54

Total Capacity of Generators 6.3 Kilowatts.

The amount of Fee ...

£ 77. =

When applied for,

23.11.1954

Travelling Expenses (if any) £

43. =

When received,

19

Surveyor to Lloyd's Register of Shipping.

FRIDAY - 4 FEB 1955

Committee's Minute

Assigned

See F.E. Rel. 1.



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