

Rpt. 13.

No. 4016

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 15-MAR 1954

Date of writing Report 19 When handed in at Local Office 19 Port of Djakarta.  
No. in Survey held at Djakarta Date, First Survey 17-10-1953 Last Survey 30th Jan. 19 54  
Reg. Book. (No. of Visits 7.)

--- on the "TELOK VI" Tons { Gross 116.99  
Net 53.23

Built at Djakarta By whom built Verenigde Prauwen Veren Yard No. 253 When built 1950

Owners Swan Liong N.V. Port belonging to Djakarta

Installation fitted by Verenigde Prauwen Veren When fitted January 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 enclosed System of Distribution 2 Wire insulated Voltage of Lighting 125  
Heating -- Power -- D.C. or A.C., Lighting A.C. Single phase -- If A.C. state frequency 50

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 No 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 No Position of Generators 1-Shaft driven-Port aft. E.R.

1 Driven by Calessen 8 HP Aux. Eng. Port aft. E.R.

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 Above aux. set. Port E.R.

forward, 1-shaft generator SB E.R. forward,

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 Porcelain fuseholders, 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 Yes 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 pole linked knife switches, with a fuse on  
each pole.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Heavy built rotary switches with a fuse  
on each pole, enclosed in cast iron watertight boxes.

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 Volt meter

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 Handles Comp. Rotter are all fuses labelled Yes If circuit breakers are provided for the generators, at what  
overload do they operate dam. B.A.F. --, 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 1.5 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 R.I.L.C., galleys --

and laundries -- State how the cables are supported or protected Rubber insulated lead covered

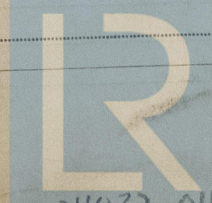
with braided steel armour cable, clipped with galv. iron clips copper screwed.

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 -- 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	DAE. Odense. Denmark	5,5	127	43,4	1500		Calessen Aalenraa	
		No. 278243 Type GJE 7,2						Denmark.	
Shaft driven	1	DAE. Odense Denmark	5,5	127	43,4	1500			
EMERGENCY ...		Type GJE 7,2							
ROTARY									
TRANSFORMER									

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The Electrical Equipment is installed in accordance with the <sup>enclosed</sup> ~~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

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 Yes If not, state date of approval --

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 fitting of this electrical equipment was carried out in conformity with the Society's Rules for Electrical Equipment and as shown on the enclosed plan.

The workmanship was found good, the equipment megger tested as required by the Rules, and the installation tried under working conditions and found good.

This installation merits in my opinion the approval for a vessel classed in the Society's Register Book.

Noted JS  
2/4/54

Total Capacity of Generators 11 Kilowatts.

The amount of Fee ... Rp. 825,-- :

When applied for,  
15-2- 1954

When received,  
19

Travelling Expenses (if any) £ :

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

1 FEBRUARY 9 APR 1954

Assigned

See Ref 1



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