

- 2 JUL 1943

2164.

# Report on Electrical Equipment

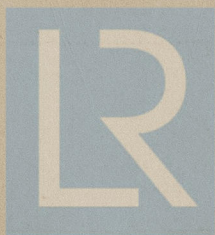
(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

On writing Report 16<sup>th</sup> June 43. When loaded in at Local Office 16<sup>th</sup> June, 1943. Port of Mahrrö.  
No. in Survey held at Mahrrö. Date, First Survey 24<sup>th</sup> Feb. Last Survey 17<sup>th</sup> May, 43.  
Reg. Book (Number of Vents) 18. Gross 8548  
✓ on the Single Screw Motorship "GLIMMINGEHUS" Tons Net 5132  
Built at Mahrrö. By whom built Kockemo M. V. A. B. Yard No. 248 When built 1943  
Owner Tralleborgs Ängfartygs Nya A. B. Port belonging to Tralleborg.  
Electrical Installation fitted by Kockemo Mek. V. A. B. Contract No. When fitted 1943  
Is vessel fitted for carrying Petroleum in bulk. Yes. Is vessel equipped with D. F. Yes. E. S. D. Yes. Hy. C. Yes. Sub. Sig. Yes.

Have plans been submitted and approved. Yes. System of Distribution Two wire system. Voltage of supply for Lighting 110  
Heating 110 & 220 Power 220 Direct or Alternating Current, Lighting Direct Power Direct Alternating Current state frequency. ✓ Prime Movers.  
Has the governing been tested and found efficient when the whole load is suddenly thrown on and off. No. Are turbine emergency governors fitted with a  
trip switch as per Rule. ✓ Generators, are they compound wound. Yes. are they level compounded under working conditions. Yes.  
If not compound wound state distance between generators. ✓ and from switchboard. ✓ Where more than one generator is fitted are they  
arranged to run in parallel. Yes. are shunt field regulators provided. Yes. Is the compound winding connected to the negative or positive pole  
Positive pole. Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing. Yes. Have certificates of  
test for machines under 100 kw. been supplied. Yes. and the results found as per rule. Yes. Are the lubricating arrangements and the construction  
of the generators as per rule. Yes. Position of Generators Main: One on each side at front end of motor space.  
Ant. steam driven: One on platform at port side of  
motor space. Is the ventilation in way of generators satisfactory. Yes. are they clear of inflammable material. Yes. is situated  
near unprotected combustible material state distance from same horizontally. ✓ and vertically. ✓ are the generators protected from mechanical  
injury and damage from water, steam and oil. Yes. are the bedplates and frames earthed. Yes. and the prime movers and generators in metallic  
contact. Yes. Switchboards, where are main switchboards placed In the front of motor space, centre.  
are they in accessible positions, free from inflammable gases and acid fumes. Yes. are they protected from mechanical injury and damage from water, steam  
and oil. Yes. Is situated near unprotected combustible material state distance from same horizontally. ✓ and vertically. ✓ what insulation  
material is used for the panels. Main - Steel. Is synthetic insulating material is it an Approved Type. ✓  
semi-insulating material (slate or marble) are all conducting parts insulated therefrom as per Rule. No conducting parts pass through the panel. Yes.  
Is the construction as per Rule. Yes. including accessibility of parts. Yes. absence of lines on the back of the board. Yes. individual fuses  
in panel and earth lamps, voltmeters, etc. Yes. locking of screws and nuts. Yes. labelling of apparatus and fuses. Yes. fuses on one side  
side of switches. Yes. Description of Main Switchgear for each generator and arrangement of equaliser switches. A double pole  
circuit breaker with overload and rev. current trips and a single pole  
equaliser switch.  
and for each outgoing circuit. A double pole linked switch and a fuse on each pole.

Is the main switchgear containing switchboards completely free from inflammable material as per Rule. Yes. Instruments on main switchboard. 8.  
meters 4. ✓ of existing devices. Are compound machines in parallel is the dynamometer connected on the side opposite to the  
main switchboard. Yes. Earth Testing, state means provided. Ohm meters.



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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.

sgd/. Erik Hjort.

Electrical Engineers. Date 16-6-1943.

#### COMPASSES.

Minimum distance between electric generators or motors and standard compass

Engine room to bridge

Minimum distance between electric generators or motors and steering compass

" " " "

The nearest cables to the compasses are as follows:

A cable carrying abt. 3 Amperes 9 feet from standard compass 6 feet from steering compass

A cable carrying        Amperes        feet from standard compass        feet from steering compass

A cable carrying        Amperes        feet from standard compass        feet from steering compass

Have the compasses been adjusted with and without the electric installation at work at full power? No

Has the effect of switching on and off circuits, motors and other electro-magnetic apparatus within the vicinity of the compasses been noted?

The maximum deviation due to electric currents was found to be        degrees on        course in the case of the

standard compass, and        degrees on        course in the case of the steering compass.

Hockum Mels Verkstad A. B.

sgd/. E. Lundegrist

Builder's Signature

E. Hjort

Date 16-6-1943.

Is this installation a duplicate of a previous case?

Yes.

If so, state name of vessel.

M/T "LILLÖHUS"

General Remarks (State quality of workmanship, whether insulation tests, etc. have been made, opinions as to safety, etc.)

The above described electrical equipment installation has been fitted onboard under survey in accordance with the Rules, approved plans and instructions.

The workmanship and the materials are good.

To complete survey:-

The electric installation to be completed, megger tested and tested under working conditions and the maximum fall of pressure between bus bars and any point under maximum load to be noted.

It cannot be stated when the survey will be completed.

Noted  
J. J.  
8/7/43.

Total Capacity of Generators 330 Kilowatts

When signed by the  
Mms. Hr. 761:90  
Hmms. Hr. 169:10  
Hmms. Hr. 29:25  
Hmms.

Adalund A. Boring.

Surveyor in and of his Office of Shipping

On this date 9 JUL 1943

see number  
28 Rpt.



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