

(Other than for the propulsion of the ship)

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Ship's Name **m.s. "BARTH". LR. 652285.** Port **Groningen**

Gross tons **49902** Date of completing rpt. **21-1-66** Rpt. No. **3078e.**

Place of survey, if different from above **Lemmer.**

No. of visits on ship **11** First date **17-9-65** Last date **17-12-65**

Ship built by **Scheepswerf "Friesland" N.V.,** Yard No. **286/41** When **1965** Yr. | Mo. **12**
 Electrical equip. installed by **Fa. Gebr. v.d.Weerd, Makkum.** When **1965**

31.1.66 Fee **Fl. 826.--** Expenses **Fl. 141.--**

If ship is an oil tanker, have all the special requirements of the Rules for such ships been complied with?

Have test certificates for generators and essential motors been forwarded?

SYSTEM OF SUPPLY	A.C. or D.C.	SYSTEM	VOLTAGE	FREQUENCY
Generation	AC	3 phase four wire	380	50
Distribution (a) Power	AC	3 phase	380	50
(b) Heating				
(c) Lighting	AC	single phase two wire	220	50

GENERATORS	* CAPACITY	VOLTAGE	TYPE	SERIAL NO.	PRIME MOVER	POSITION IN SHIP
Main 1	70 KVA cos φ 0.8	390	alternating current self regulated.	176C2	Diesel	P.side e.r.
2	70 KVA cos φ 0.8	390	" "	176C4	"	S.side e.r.
harbour 3	20 KVA cos φ 0.8	390	" "	176C5	"	Platform e.r. S. side.
4						
5						
6						
7						
Emergency 1						
2						
Total	160					
Special purpose 1						
2						

NOTE:—The particulars in this report are to be given as fully and clearly as possible. Where the answer is "NO" or "NONE" say so. Ticks and other signs of doubtful meaning are not to be used. Wording not applicable to be cancelled.

6m,9,64 (MADE AND PRINTED IN ENGLAND)

Date of Committee

FRIDAY 11 FEB 1966

Minute

See Rpt. 1.



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* kW for D.C.; kVA and cos φ for A.C.

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GENERATOR MANUFACTURERS:

Main	1	FIMAG, finsterwalder Maschinen	Emergency	1
	2	GMBH-Eastern Germany.		
	2	Finsterwalde.		2
harbour	3	"		
	4		Special purpose	1
	5			2
	6			
	7			

RESULTS OF FINAL TESTS:

GENERATOR NO.	GOVERNOR REGULATION NL-FL %	COMPOUNDING 20% FL-FL (D.C. ONLY) %	VOLTAGE REGULATION NL-FL %	IS LOAD SHARING SATISFACTORY?		INSULATION RESISTANCE M Ω
				kW	kVA	
176C2	within 3%	-	within 2 1/2%	-	yes	50
176 C4	" "	-	" "	-	yes	50
175 C5	" "	-	" "	-	yes	40

CABLES:

	GENERATOR	MACHINERY SPACES	ACCOMMODATION	F. & A. GANGWAY (for tankers)
Type	-	-	-	-
Insulation	Butyl	Butyl	Butyl	
Sheath	Neoprene	Neoprene	-	-
Protection	-			-
Outer sheath (if fitted)	PVC	PVC	PVC conduit.	-

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Ship's Name **m.s. "BARTH"**

Port **Groningen**

Rpt. No. **3078e.**

PROTECTIVE EQUIPMENT

Switchboards	LOCATION	ESTIMATED FAULT LEVEL	MAKE AND TYPE	
			CIRCUIT BREAKERS	FUSES
Main	engine room platform S side.	2037 Amps.	Calor Enag AV2-203	Siemens DII.
Emergency				
Sub-				
Section boards and distribution boards	in ER and acc.	less than 2037 Amps.		Siemens fuses Dz II

NOTE.—Where existing electrical equipment is submitted for classification, the circumstances are to be explained as fully as possible, and the recommendation should be suitably amended.

DECLARATION TO BE SIGNED BY ELECTRICAL CONTRACTORS

- (1) To the best of our knowledge this electrical equipment has been installed in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping.
- (2) All cables are guaranteed to have been tested at the manufacturers' works to the following standard: **LR-NEN 3282.**
- (3) The foregoing particulars of electrical equipment (as shown on Sheets 1 and 2) are correct

N.V. TECHNISCH BEDRIJF
GEBR. VAN DER WEERD
 Bleekstraat 9 Telef. 05158-571
 MAKKUM

17-1-66. (date)

(Signature)
 (signature)

PLANS

Date(s) of approval **27-5-65**

Do the plans indicate dimensions of cables and loading of all important circuits? **yes**

A previous similar case was for Ship's Name **-**

Rpt. No. **-**

The electrical equipment reported above has been constructed in conformity with Rule requirements and installed under Special Survey in accordance with the Rules, approved plans and Secretary's letters. The materials and workmanship are good, and the electrical installation is suitable, in my opinion, for a classed ship.



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