

4c

13474

1<sup>st</sup> August 42

1<sup>st</sup> August 1942

Gothenburg

JUG 1942

Gothenburg

11<sup>th</sup> October 1941

28<sup>th</sup> July 1942

1582

M.S. AKKA

Tons Gross 5409 Net 3053

Gothenburg

4/3. Göteborgen

Yard No. 568

When built 1942

Trafikabstakt Göteborg - Östergötland

Port of origin in Stockholm

Gothenburg

4/3. Göteborgen

Engines

No. 1522

When made 1942

Färjor

A.S.E.A.

Contract No.

1492366

When made 1941

3

3x165

3x35

Total Capacity of Generators

3x110 kilowatt

Heavy oil

2 or 4 stroke cycle

24

Single or double acting S.A.

45 kg/cm<sup>2</sup>

240 mm.

Length of stroke

360 mm.

No. of cylinders

4

No. of cranks

4

1450

1250 mm.

Weight 2245 kg.

Means of ignition

Compression

Kind of fuel used

Diesel oil

138 mm.

160 mm.

Mid length breadth

220 mm.

Thickness parallel to axis

80 mm.

Thickness around cylinder

20 mm.

Intermediate shaft diameter

Thickness of cylinder liners

20 mm.

Yes

Means of lubrication

Forced

Yes

Are the exhaust pipes and accessories water cooled or lagged with non-conducting material

Lagged

1 F.W. 9/15 W. each 365 lit./min.

Is the sea suction provided with an efficient strainer which can be cleared within the vessel

Yes

also connected to main cooling system.

1 each engine at 3150 lit./hour.

1 each engine

2

Diameter

90, 235 mm.

Stroke

220 mm.

Driven by

Eq. crankshaft

hone

Yes

State No. of Report or Certificate

7685

Flammable plug.

Safety valves on compressors

Yes

Yes

What means are provided for cleaning their inner surfaces

Steam & soda

hone

Com. diameter of each

Internal diameter

Thickness

Material

Range of tensile strength

150 lb/in<sup>2</sup>

Internal diameter

302 mm.

Thickness

8 mm.

Seamless

S.M. Steel

Range of tensile strength

28/32 ton

Working pressure by Rules

45.5 kg/cm<sup>2</sup>

Drip proof compound

120

Anti Load Current

500

Engine Direct or Alternating Current

D.C.

Yes

Yes

Has an Automatic Governor been tested and found efficient when the whole load is suddenly thrown on and off

Yes

Yes

Is an adjustable regulating resistance fitted in series with each

Yes

Are the insulating arrangements of the generators as per R. & S.

Yes

and do the results comply with the requirements

Yes

28.4.41

15.12.39

Separate Tests Oct. 1944-41

As per Rule applied



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Foundation

Port of  
Rpt. 9a.



1941 Oct 11. 1942 Jan 18. Feb. 3. 4. 12. 10. 8. 1. 26. 20. 27. 28. Mar. 14.

1942 May 20. 22. 28. July 1. 13. 17. 20. 23. 24. 27.

27 AUG 1942

24

16.10.42

10.11.42

17.2.43

27.2.42

3.2.42

S. M. Steel

|              |             |              |
|--------------|-------------|--------------|
| LLOYDS 974   | LLOYDS 928  | LLOYDS 130   |
| S.P. 10.6.41 | S.P. 4.7.41 | S.P. 25.7.41 |

LLOYDS TEST 0029  
W.P. 40 atm. H.T. 80 atm.  
H.J. 23.7.41 H.J. 9.7.7

M.T. TULL'S. Generalist. (No. 55)

General Remarks: State quality of workmanship, opinions as to design. These auxiliary engines have been built under special survey in accordance with the Rules and approved plans. The workmanship & materials are good and forging reports in respect of the crankshafts are attached. The engines have been securely fitted in the vessel under my inspection and to my satisfaction and have been examined under full power conditions and found satisfactory.

TUE. 22 SEP 1942

See fol. 76 13474



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