

Report on Oil Engine Electric Generator Sets.

No. 5628.

Recd ? 16/5/43

Report 12.4.1943 When handed in at Local Office Port of Stockholm
 by held at Es piloduna Date, First Survey and Last Survey 2.4.1943
 Number of Visits One

Single Screw vessel. Tons Gross 650
 Net 1798184

By whom built A Skensberg's Yard No. 1 When built 1943
 Rederi A Westindia Port belonging to Stockholm
 made at Es piloduna By whom made A Bolinder MunkteLL Contract No. 34241-42 and 34243-44 When made 1943

By whom made Contract No. When made

2 Engine Brake Horse Power 2x50 Nom. Horse Power as per Rule 2x18 Total Capacity of Generators K. lowatts

Type of Engine Bolinder Diesel, type W 25212 2 or 4 stroke cycle 2 Single or double acting single
 No. of cylinders 2 Diameter of cylinders 180 mm Length of stroke 180 mm No. of cylinders 2 No. of cranks 2
 Crank, measured from inner edge to inner edge 450 mm Is there a bearing between each crank No
 Flywheel dia 800 mm Weight 185 kgs Means of ignition Hot bulb Kind of fuel used
 Journals as per Rule 80 mm Crank pin dia 95 mm Crank Webs Mid. length breadth 140 mm Thickness parallel to axis 40 mm shrunk
 as fitted 80 mm Mid. length thickness 40 mm Thickness around eye-hole 43 mm
 Intermediate Shaft, diameter as per Rule Thickness of cylinder liners

21 Wheel is fitted on the crankshaft as fitted Means of lubrication pumps
 fitted to prevent racing of the engine when de-clutched Yes
 Are the silencers water cooled Yes
 Pumps, No 2x1 Is the sea suction provided with an efficient strainer which can be cleared within the vessel
 Oil Pumps, No and size One adjustable automatic lubricator for each engine
 No. of stages Diameters Stroke Driven by
 Air Pumps, No Diameter Stroke Driven by
 Have they been made under Survey Yes State No. of Report or Certificate Certificate enclosed
 which can be isolated, fitted with a safety valve as per Rule Yes
 surfaces of the receivers be examined Yes What means are provided for cleaning their inner surfaces chisel
 arrangement fitted at the lowest part of each receiver Yes
 Air Receivers, No None fitted Cubic capacity of each Internal diameter thickness
 joined or riveted longitudinal joint Material Range of tensile strength Working pressure by Rules
 Receivers, No 2x3 Total cubic capacity 2x60 Internal diameter 250 mm thickness 5 mm
 longitudinal joint Material Range of tensile strength 50.5-52.8 Working pressure by Rules 15 kg/cm²
 NEAR FOURS: Type
 volts Full Load Current Amperes Direct or Alternating Current
 ent system, state the periodicity Has the Automatic Governor been tested and found efficient when the whole load is suddenly thrown on and off
 they compounded as per rule is an adjustable regulating resistance fitted in series with each
 Are all terminals accessible, clearly marked, and furnished with sockets
 or insulated that they cannot be accidentally earthed, short circuited, or touched Are the lubricating arrangements of the generators as per Rule
 under 100 kw. full load rating, have the Makers supplied certificates of test and do the results comply with the requirements
 re 100 kw. or over have they been built and tested under survey
 approved plans forwarded herewith for shafting 3.3.1938 Receivers 16.6.1939 Separate Tanks
 If not, state date of approval
 As per enclosed list.

One engine for ship
 for cargo pumps See Got letter
 16/5/43

Hand

24
 17/5/43

a correct description
 A/B BOLINDER-MUNKTELL
 NEA S. BJÖRKMAN. Manufacturer.



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003971-003979-0366

Apr 1st 1943

Dates of Survey while building
During progress of work in shops
During erection on board vessel
Total No. of visits

2nd April, 1943.

One in ship

Dates of Examination of principal parts

2.4.43

2.4.43

2.4.43

Connecting rods

2.4.43

Crank

shafts

2.4.43

LLOYD'S NO. 4582
T.B. 2.12.43

Crank

shafts

Material

S. 11. Steel

Identification Marks

Intermediate shafts, Material

LLOYD'S NOS. 1019-1021, 1023-1029
LLOYD'S TEST 30 KG
W.P. 15 KG
S.Y. 25.2.43.

Identification marks on Air Receivers

S.Y. 25.2.43.

Is this machinery duplicate of a previous case

No.

If so, state name of vessel

General Remarks

(State quality of workmanship, opinions as to class, etc.)

These engines have been built to Special Survey and all the requirements of the Rules have been complied with. The drafting as per drawing report attached. The workmanship is good, and the material fulfils the requirements of the Rules. The dimensions are specified and in accordance with the Rules and approved plans.

Being the shafts of all these engines have been tested in shop. The engines will, however, be under working conditions after their installation in vessel.

The amount of Fee

K. 112:-

When applied for
13.4.43

Travelling expenses (if any)

K. 15.32

When reported

TUES. 16 MAY 1944

See p. master's report

F. H. Cassel.

Surveyor in Lloyd's Register



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