

## REPORT ON OIL ENGINE MACHINERY.

No. 18562

Received at London Office

19 NOV 1952

of writing Report 10-11 1952 When handed in at Local Office 19 Port of Amsterdam

Survey held at Amsterdam Date, First Survey 23-4-51 Last Survey 24-8-52 Number of Visits 16

Book. Single on the Twin Triple Quadruple Screw vessel M.V. BURDJAMHAL Tons Gross 642 Net 1435

Yard No. 1435 When built 1952

Engines made at Amsterdam By whom made. Bureau Veritas Engine No. 1435 When made 1952

Boiler No. When made -

Port belonging to Jakarta

Is Electric Light fitted Yes

Is Refrigerating Machinery fitted for cargo purposes -

Is Electric Light fitted Yes

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Is Electric Light fitted Yes



Sheffield 1964  
C. 95  
C. 98  
Small Sheffield  
AIR RECEIVERS:—Have they been made under survey yes State No. of report or certificate  
Is each receiver, which can be isolated, fitted with a safety valve as per Rule yes  
Can the internal surfaces of the receivers be examined and cleaned yes Is a drain fitted at the lowest part of each receiver yes  
Injection Air Receivers, No. — Cubic capacity of each — Internal diameter — thickness —  
Seamless, welded or riveted longitudinal joint — Material — Range of tensile strength — Working pressure —  
Starting Air Receivers, No. 3 Total cubic capacity 1000 Internal diameter 4.96 in thickness 9.5  
Seamless, welded or riveted longitudinal joint Seamless Material M. Steel Range of tensile strength 61-65 Working pressure 30

IS A DONKEY BOILER FITTED ✓ If so, is a report now forwarded —  
Is the donkey boiler intended to be used for domestic purposes only —

PLANS. Are approved plans forwarded herewith for shafting 20-7-52 Receivers 20-7-52 Separate fuel tanks —  
(If not, state date of approval)  
Donkey boilers — General pumping arrangements — Pumping arrangements in machinery space —  
Oil fuel burning arrangements —  
Have Torsional Vibration characteristics been approved yes Date of approval 20-7-1952

#### SPARE GEAR.

Has the spare gear required by the Rules been supplied yes

State the principal additional spare gear supplied —

WERKSPOR N.V.

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building  
During progress of work in shops - 1951 24/3/51 17/5 15/6 26/7 30/8 10/9 28/9 15/10 1952 18/12 13/1 31/3 5/4 25/6 23/8 28/10  
During erection on board vessel - —  
Total No. of visits 16  
Dates of examination of principal parts—Cylinders 1951 26/7 26/8 Covers 1951 15/17 Pistons 30/5 24/8 Rods — Connecting rods 15/6 17/8  
Crank shaft 1951 24/3 Flywheel shaft ✓ Thrust shaft 15/6 5/1 Intermediate shafts — Tube shaft —  
Screw shaft — Propeller — Stern tube — Engine seatings — Engine holding down bolts —  
Completion of fitting sea connections — Completion of pumping arrangements — Engines tried under working conditions —  
Crank shaft, material M. Steel Identification mark LLOYD'S N° 13690 KK 9-6-51 Flywheel shaft, material — Identification mark —  
Thrust shaft, material M. Steel Identification mark LLOYD'S N° 1359 KK 30-3-51 Intermediate shafts, material M. Steel Identification marks —  
Tube shaft, material — Identification mark LLOYD'S N° 1359 KK 15-5-51 Screw shaft, material M. Steel Identification mark LLOYD'S N° 17 KK 29-8  
Identification marks on air receivers LLOYD'S N° 006874-064-090 R.R. 17-5-49

Welded receivers, state Makers' Name —  
Is the flash point of the oil to be used over 150°F —  
Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with —  
Description of fire extinguishing apparatus fitted —  
Is the vessel (not being an oil tanker) fitted for carrying oil as cargo no If so, have the requirements of the Rules been complied with —  
If the notation for ice strengthening is desired, state whether the requirements in this respect have been complied with —  
Is this machinery duplicate of a previous case yes If so, state name of vessel hessen 308927 a Kersalme 185

General Remarks (State quality of workmanship, opinions as to class, &c. These engines have been built under Special Survey in accordance with approved plans, Society's Rules & Secretarial letters. All materials have been tested as required and the workmanship found good.  
The engines have been tested under full load condition on main testbed and found working satisfactorily.  
In my opinion the vessel for which these engines are intended will be eligible for the notation + LMC with date when fitted and examined on board.  
Copy certificates of crankshafts, thrust shafts, tail shafts, intermediate shafts and starting gear etc. attached.

The amount of Entry Fee 12 x 138 x 116 x 5.50 = £ 520.-  
Special — £ — When applied for 14-11 1952  
Donkey Boiler Fee — £ — When received 19  
Travelling Expenses (if any) £ 40.-  
Committee's Minute THURSDAY 29 OCT 1953  
Assigned See Rep. 4 li