

Rpt. 5a.

REPORT ON BOILERS.

No. 10395.

8 - FEB 1956

Received at London Office.....

Date of writing Report 6/2 1956 When handed in at Local Office.....19..... Port of StockholmNo. in Reg. Book. 34594 Survey held at Gävle Date, First Survey 20.9.55. Last Survey 1.12. 1955on the Steel Single Screw Trawler "TRAVERZ" (Number of Visits 3) Tons 688 Gross 225 NetBuilt at Gävle By whom built AB Gävle Varv Yard No. 90 When built 1955Engines made at Göteborg By whom made AB Lindholmens Varv Engine No. 1334 When made 1955Boilers made at Göteborg By whom made AB Lindholmens Varv Boiler No. 3099 When made 1954MN as per Rule 144 Owners U.S.S.R. Port belonging to Murmansk

MULTITUBULAR BOILERS—MAIN, AUXILIARY, OR DONKEY.

Manufacturers of Steel.....

Total Heating Surface of Boilers..... Of Superheaters.....

Total for Register Book..... Is forced draught fitted..... Coal or Oil fired.....

No. and Description of Boilers..... Working Pressure.....

Tested by hydraulic pressure to..... Date of test..... No. of Certificate..... Can each boiler be worked separately.....

Area of Firegrate in each Boiler..... No. and Description of safety valves to each boiler.....

Area of each set of valves per boiler per Rule..... Pressure to which they are adjusted 15.5 kg/cm² Are they fitted with easing gear Yes

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler.....

Smallest distance between boilers 400 mm. and bunkers 400 mm. Is oil fuel carried in the double bottom under boilers..... No

Smallest distance between boilers or uptakes and bunkers or woodwork..... Is the bottom of the boiler insulated..... Yes

Largest internal dia. of boilers..... Length..... Shell plates: Material..... Tensile strength.....

If fusion welded, state name of welding Firm..... Have all the requirements of the Rules for Class I vessels

been complied with..... Thickness..... Are the shell plates welded or flanged..... Description of riveting: circ. seams end.....long. seams..... Diameter of rivet holes in circ. seams..... Pitch of rivets inter.....Percentage of strength of circ. end seams plate..... Percentage of strength of circ. intermediate seam plate.....Percentage of strength of longitudinal joint rivets..... combined.....Thickness of butt straps outer..... No. and Description of Furnaces in each Boiler.....

Material..... Tensile strength..... Smallest outside diameter.....

Length of plain part top..... Thickness of plates..... Description of longitudinal joint.....

Dimensions of stiffening rings on furnace or c.c. bottom.....

End plates in steam space: Material..... Tensile strength..... Thickness..... Pitch of stays.....

How are stays secured.....

Tube plates: Material front..... Tensile strength back..... Thickness front.....Mean pitch of stay tubes in nests..... Pitch cross wide water spaces.....

Girders to combustion chamber tops: Material..... Tensile strength..... Depth and thickness of girder

at centre..... Length as per Rule..... Distance apart..... No. and pitch of stays

in each..... Combustion chamber plates: Material.....

Tensile strength..... Thickness: Sides..... Back..... Top..... Bottom.....

Pitch of stays to ditto: Sides..... Back..... Top..... Are stays fitted with nuts or riveted over.....

Front plate at bottom: Material..... Tensile strength.....

Thickness..... Lower back plate: Material..... Tensile strength..... Thickness.....

Pitch of stays at wide water space..... Are stays fitted with nuts or riveted over.....

Main stays: Material..... Tensile strength.....

Diameter At body of stay..... No. of threads per inch.....

screw stays: Material..... Tensile strength.....

Diameter At turned off part..... No. of threads per inch.....

013933 - 013938 - 0062

© 2021

Lloyd's Register
Foundation

4/ 21466.

During progress of work in shops - - { 18.10.54. - 28.2.55.
Dates of Survey while building { During erection on board vessel - - - { ---
Total No. of visits 22

Dates of Examination of principal parts—Cylinders 26.10.54 - 18.1.55 Slides 18.11.54 Covers 26.10.54 - 18.1.55.
Pistons 18.11.54 Piston Rods 18.11.54 Connecting rods 11.11.54.
Crank shaft 23.11.54. Thrust shaft 23.11.54. Intermediate shafts ---
Tube shaft --- Screw shaft --- Propeller ---
Stern tube --- Engine and boiler seatings --- Engines holding down bolts ---
Completion of fitting sea connections --- Boilers fixed --- Engines tried under steam ---
Completion of pumping arrangements --- Thickness of adjusting washers ---
Main boiler safety valves adjusted --- LI.No. 1531
Crank shaft material S.M. Steel Identification Mark QS 23.11.54.GOT Thrust shaft material S.M. Steel Identification Mark QS 23.11.54.GOT
Intermediate shafts, material --- Identification Marks --- Tube shaft, material --- Identification Mark ---
Screw shaft, material --- Identification Mark --- Steam Pipes, material --- Test pressure --- Date of Test ---
Is an installation fitted for burning oil fuel --- Is the flash point of the oil to be used over 150° F. ---
Have the requirements of the Rules for the use of oil as fuel been complied with ---
Is the vessel (not being an oil tanker) fitted for carrying oil as cargo --- 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 Gävle Varv Nos.76-89, Ekensbergs Varv Nos.199-206

General Remarks (State quality of workmanship, opinions as to class, &c. This engine has been built under Special Survey in accordance with the Rules and approved plans. The workmanship is good and the material fulfils the requirements of the Rules. Test certificates in respect of shafting is attached.
This main engine is eligible for the record +LMC when securely fitted on board the vessel to the Surveyor's satisfaction and tested under working conditions.

Minutes of the Committee's Meeting
The amount of Entry Fee ... Kr. 400:00 :
Special ... £ --: --: :
Donkey Boiler Fee ... £ --: --: :
Travelling Expenses (if any) £ --: --: :
When applied for, 11/4 1955
When received, 19

FRIDAY 16 MAR 1956
Date
The Committee's Minute See Rpt. 4
Engineer Surveyor to Lloyd's Register of Shipping.
© 2021 Lloyd's Register Foundation