

REPORT ON BOILERS.

No. 6217.

Received at London Office THE 18 OCT 1921

Writing Report 11th Oct. 21 When handed in at Local Office 19 Port of Copenhagen

Survey held at Copenhagen & Nakskov. Date, First Survey 8th Decr. 1920 Last Survey 20th Sept. 1921.

Book. 38 on the Stal Twin S. 3 Mast. Sr. "Java" (Yard No. 3). (Number of Visits 12.) Gross 8681.02 Tons Net 5524.69.

Owner O. Hansen - Ravn Built at Nakskov. By whom built Akt. Nakskov Skibsvaerft When built 1920 - 21.

Made at Copenhagen By whom made Akt. Burmeister & Wain's Maskin- & Skibsbyggeri When made 1920 - 21.

Port belonging to Copenhagen

VERTICAL DONKEY BOILER No. One Description Vertical cross tube

at Copenhagen By whom made Akt. Burmeister & Wain's Maskin- & Skibsbyggeri When made 1920 - 21. Where fixed In the motor room. Working pressure 100 lbs.

by hydraulic pressure to 200 lbs. Date of test 21st Feb. 1921 No. of Certificate 444 Fire grate area 12.5 sq. ft. Description of safety valves Direct, spring loaded.

f safety valves 2 off Area of each 24 sq. in. Pressure to which they are adjusted 100 lbs. per sq. in. If fitted with easing gear yes If steam from main boilers can be used for safety valves no main 1380 w/m = 3200 w/m

the donkey boiler boiler fitted. Dia. of donkey boiler 4' 6" 5/16" Length = 10' 6" Material of shell plates S.M. Steel Thickness = 25/64" Range of tensile 62 w/m

th 28-32" Descrip. of riveting long. seams Lap joint, double riveted Dia. of rivet holes 19 w/m = 3/4" Whether punched or drilled drilled Pitch of rivets = 2 9/16" 22 w/m

of plating = 3 25/32" Per centage of strength of joint Rivets 82.0 Plates 69.0 Working pressure of shell by rules 112.5 lbs. Thickness of shell crown plates = 33/64" 1605 w/m

is of do. plain No. of Stays to do. 4 off. Dia. of stays 2" Diameter of furnace Top = 3' 3 3/8" Bottom = 3' 11 1/4" Length of furnace = 5' 3 3/16"

ness of furnace plates = 13 w/m Description of joint Lap joint, double riveted Working pressure of furnace by rules 102 lbs. Thickness of furnace crown 340 w/m

14 w/m = 25/64" Radius of do. plain. Stayed by 4 vertical stays Diameter of uptake = 13 25/64" Thickness of uptake plates 12 w/m = 15/32"

ness of water tubes 10 w/m = 25/64"

The foregoing is a correct description, AKKIESELSKABET BURMEISTER & WAIN'S MASKIN- OG SKIBSBYGERI Manufacturer.

During progress of work in shops - 8, 17 Dec. 1920. 12, 24 Jan. 14, 21 February 1921.

During erection on board vessel - 24 May, 10 June, 6 July, 9 Aug. 17 & 20 Sept. 1921.

Total No. of visits 12.

Is the approved plan of boiler forwarded herewith yes.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

The boiler has been built under Special Survey in accordance with the Rules, the approved plan and the requirements contained in letter E dated the 29th Novr. 1919.

The material and workmanship are of good quality in every respect.

The material used in the construction of the boiler has been tested as required by the Rules, or as per letter S dated the 11th February 1915, as per certificates produced.

duplex Worthington pump 90 w/m x 60 w/m x 90 w/m and a feed injector are fitted for feeding the boiler. -

Survey Fee is noted on the Mach. Report. When applied for, 19

Travelling Expenses (if any) £ : : When received, 19

Committee's Minute

FRI. 4 NOV. 1921

Signed

A. O. Jensen
Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
Foundation

002576-002882-0274