

REPORT ON BOILERS.

No. 6090.

Received at London Office

MON. 21 MAR. 1921

Survey Report 11th March 1921 When handed in at Local Office

Port of Copenhagen.

Survey held at Copenhagen

Date, First Survey 2nd Septbr. 1918

Last Survey 8th February 1921.

(Number of Visits 17.)

Gross 7032.65.

Net 4327.86.

on the Steel Twin Sc. Str. "Formosa." (Yard No. 315)

C. A. Taulson Built at Copenhagen

By whom built Akt. Burmeister & Wain's Maskin- og Skibsbyggeri When built 1920 - 21.

made at Copenhagen

By whom made Akt. Burmeister & Wain's Maskin- og Skibsbyggeri When made 1919 - 20.

aktiebolaget Svenska Ostasiatiska Kompaniet (Dan Brostrom)

Port belonging to Gothenburg, Sweden.

ICAL DONKEY BOILER

No. One

Description Vertical - Cross tube

Plates: Strömsunds järnverk, Aktiebolaget, Deventer, Sweden.
Uptake & galloway tubes: Caledonian Iron Works, Glasgow.
Manufacturers of steel Stay bars: Akt. Burmeister & Wain, Copenhagen.
Rivets: Høyer Bros. Copenhagen.

Copenhagen By whom made Akt. Burmeister & Wain When made 1919 - 20 Where fixed In the motor room Working pressure 100 lbs.

hydraulic pressure to 200 lbs. Date of test 5th Febr. 1920 No. of Certificate 402 Fire grate area 12.5 sq ft Description of safety valves Direct spring loaded (Carl Holmbergs Patent).

safety valves 2 off Area of each 2.4 sq in Pressure to which they are adjusted 100 lbs. If fitted with easing gear yes If steam from main boilers can 10 w/m =

donkey boiler 1380 w/m = 3200 w/m = No main donkey boiler fitted. Dia. of donkey boiler 4' 6 5/16" Length 10' - 6" Material of shell plates SM Steel Thickness 25/64" Range of tensile 62 w/m =

18-32 lbs 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 1/16" 96 w/m =

Rating 327/32" Per centage of strength of joint Rivets 82.0 Plates 69.3 Working pressure of shell by rules 112.5 lbs. Thickness of shell crown plates 55/64" 1000 w/m = 1200 w/m = 1605 w/m =

f 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"

s of furnace plates 13 w/m = 35/64" Description of joint Lap joint, double riveted Working pressure of furnace by rules 102 lbs. Thickness of furnace crown 340 w/m =

4 w/m = 35/64" Radius of do. plain Stayed by 4 vertical stays Diameter of uptake 13 25/64" Thickness of uptake plates 12 w/m = 15/32"

s of water tubes 10 w/m = 25/64" and the uptake tube.

AKTIESELSKABET
BURMEISTER & WAIN'S MASKIN- OG SKIBSBYGGERI.
H. Blomqvist
Manufacturer.

During progress of work in shops - 2, 19 Sep. 1918, 3, 9 & 23 Jan. 13, 23, 25 & 28 Febr. 10 July 1919. 5 Febr. 1920.

During erection on board vessel - 21 Dec. 1920 7, 19 & 31 Jan. 7 & 8 Febr. 1921.

Total No. of visits 17.

Is the approved plan of boiler forwarded herewith yes.

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

boiler has been constructed under Special Survey, in accordance with the Rules, approved plan and the requirements contained in the London letter E dated the June 1918.

workmanship and material are of good description 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 Septbr. 1915.

duplex Worthington feed pump 90 w/m x 60 w/m x 90 w/m and a feed injector fitted to the Donkey Boiler. -

is noted on the Mach. Report.

Survey Fee ... £ : : When applied for, 19

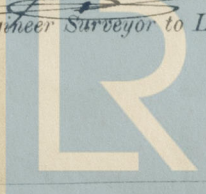
Travelling Expenses (if any) £ : : When received, 19

Committee's Minute FRI. 1 APR. 1921

Signed See minute on First Entry report

A. J. Dupich.

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

003065-003074-0100