

REPORT ON BOILERS.

No. 69090

Received at London Office
 Date of writing Report 7-12-1944 When handed in at Local Office 11.12.44 Port of GLASGOW
 No. in Survey held at GLASGOW Date, First Survey 8.11.33 Last Survey 7-12-1944
 g. Book. on the MOTOR VESSEL "EMPIRE WILSON" (Number of Visits 78) Gross 9916 Tons Net 7113
 Built at GLASGOW By whom built CHARLES CONNELL & CO. LD. Yard No. 446 When built 1944
 Boilers made at ANNAN By whom made COCHRAN & CO. ANNAN LD. Boiler No. 13353 When made 1936
 Owners MINISTRY OF WAR TRANSPORT Port belonging to GLASGOW

VERTICAL DONKEY BOILER— No. ONE Description COCHRAN Manufacturers of steel STEEL CO. SLAND
 Made at ANNAN By whom made COCHRAN & CO. ANNAN LD. When made 1936 Where fixed UPPER PLATFORM Working pressure 120 LBS
 Tested by hydraulic pressure to 230 Date of test 29-9-36 No. of Certificate 19517 Fire grate area Description of safety valves
 No. of safety valves Area of each Pressure to which they are adjusted 120 LBS If fitted with easing gear If steam from main boilers can
 Enter the donkey boiler Diameter of donkey boiler Length of shell plates Material of shell plates Thickness
 Range of tensile strength Description of riveting long. seams Diameter of rivet holes Whether punched or
 Filled Pitch of rivets Lay of plating Per centage of strength of joint Rivets Working pressure of shell by
 Plates Thickness of shell crown plates Radius of do. No. of stays to do. Diameter of stays Diameter of
 Furnace—Top Bottom Length of furnace Thickness of furnace side plates Description of joint Working
 Pressure of furnace by rules Thickness of Ogee ring Working pressure of Ogee ring by rules Thickness of furnace
 Crown plates Radius of do. Stayed by Diameter of uptake Thickness of uptake
 Plates Thickness of tube plates Mean pitch of stay tubes in nest Pitch in outer vertical rows
 Diameter of tube holes FRONT BACK Working pressure of tube plates by rules Tubes: Material
 External diameter stay Thickness stay No. of threads per inch Pitch of tubes
 Working pressure by rules Manhole compensation; Size of opening in shell plate Section of compensating

The foregoing is a correct description,

Manufacturer

Drawing No.

Dates
 During progress of work in shops - -
 During erection on board vessel - -
 Total No. of visits
 See accompanying machinery report.

Is the approved plan of boiler forwarded herewith No

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

This boiler which was originally fitted on board the M/V "STATIRA" has now been installed in the M/V "EMPIRE WILSON" Messrs Charles Connell & Co. LD's Ship No 446

In addition to the previous repairs effected (See Glasgow Report No 68889), all plain tubes have now been renewed and the boiler tested under hydraulic pressure to 140 lbs/sq. inch and found sound and tight

The safety valves were adjusted under steam to 120 lbs/sq. inch

Survey Fee ... £ : : When applied for 19
 Travelling Expenses (if any) £ : : When received 19

Committee's Minute

GLASGOW 16 JAN 1945

Assigned

SEE ACCOMPANYING MACHINERY REPORT.

N. Russell
 Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
 Foundation

014451-014462-0238