

IS A DONKEY BOILER FITTED? *None.* If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:— *Two top end, two bottom end, two main bearings & one set coupling bolts & nuts, one set air feed & bilge pump valves, one main & one donkey check valve, one spare burner & gear for oil fuel, & aux. pumps, a quantity of assorted bolts & nuts & iron of various sizes.*

The foregoing is a correct description,

CRABTREE & CO., LTD
J. A. Chamberlain. Manufacturer.

Dates of Survey while building: During progress of work in shops -- 1919: Dec 2, 10, 31 1920: Jan 14 Mar 25 Apr 9, 19 May 6 July 14, 26 Aug 10, 16
 During erection on board vessel --- 1920 (Hull) Jun 10 Sep 25 Oct 1, 11, 18, 29 Nov 8, 15, 25, 26
 Total No. of visits 22 Is the approved plan of main boiler forwarded herewith *No*

Dates of Examination of principal parts—Cylinders 10-12-19 31-12-19 Slides 31-12-19 Covers 31-12-19 Pistons 10-12-19 31-12-19 Rods 10-12-19
 Connecting rods 31-12-19 Crank shaft Thrust shaft INT 25-3-20 Tunnel shafts 9-4-20 Screw shaft 9-4-20 6-5-20 Propeller 19-4-20 6-5-20
 Stern tube 25-3-20 Steam pipes tested 1/10/20 Engine and boiler seatings 11/10/20 Engines holding down bolts 11/10/20
 Completion of pumping arrangements 26/10/20 Boilers fixed 26/11/20 Engines tried under steam 26/11/20
 Completion of fitting sea connections 25/9/20 Stern tube 25/9/20 Screw shaft and propeller 25/9/20
 Main boiler safety valves adjusted 25/11/20 Thickness of adjusting washers *7/8" 5/8"*
 Material of Crank shaft *Steel* Identification Mark on Do. *3768* Material of Thrust shaft *Steel* Identification Mark on Do. *155*
 Material of Tunnel shafts *Steel* Identification Marks on Do. *155* Material of Screw shafts *Steel* Identification Marks on Do. *155*
 Material of Steam Pipes *Copper* Test pressure *360 lbs/sq"*
 Is an installation fitted for burning oil fuel *Yes* Is the flash point of the oil to be used over 150°F.
 Have the requirements of Section 49 of the Rules been complied with *Yes*
 Is this machinery duplicate of a previous case *Yes* If so, state name of vessel *Eng N° 546. S.S. INVERTYNE.*

General Remarks (State quality of workmanship, opinions as to class, &c.)
*The Engines have been constructed under Special Survey, in accordance with the approved plans, and Society's Rules, the materials and workmanship are sound and good.
 The engines & boiler have been satisfactorily fitted on board the vessel. On completion they were examined while running full power trials in the Harbour.
 The machinery throughout is now in good & efficient condition & eligible in my opinion to have the record of L.M.C. - 20 marked in Red in the Society's Register Book, also fitted for oil fuel F.P. above 150°. The requirements of Section 49 of the rules are fully complied with.*
 It is submitted that this vessel is eligible for THE RECORD. + L.M.C. 11. 20
 FITTED FOR OIL FUEL 11.20 FP ABOVE 150°F.

Robert Rae
 Engineer Surveyor to Lloyd's Register of Shipping.

The amount of Entry Fee ... £ *2-5-0* Hull 1/12/20 When applied for.
 Special *1/2* ... £ *4-10-0* 17 AUG 1920
 Donkey Boiler Fee ... £ : :
 Travelling Expenses (if any) £ *2-14-6* When received. 27.12.20
 TUE. 7 DEC. 1920

Assigned *+ L.M.C. 11.20*
Listed for oil fuel 11.20 F.P. above 150°F

