



IS A DONKEY BOILER FITTED? No

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:— 1 set of packing rings & springs for each size of pistons. 1 air pump rod nut. 1 set crank pin brasses. 1/4 total number of junking bolts & nuts. 1 set of feed check valve & 4 bolts and nuts for crosshead brasses. A quantity of assorted bolts and nuts. 1 safety valve spring for each. 2 bolts and nuts for crank pin brasses. Iron of various sizes. 1 set of air pump valve. 2 main bearing bolts & nuts. 20 plain tubes for boilers. 1 slide valve rod for each size. 1 set of coupling bolts & nuts for main shafting. 1 spare propeller blade. 1 circulating pump shaft with 1 set of feed & bilge pump valves. 1 set crosshead brasses. A quantity of spare gear for the various auxiliary machines. 1 eccentric rod for each size.

The foregoing is a correct description,

mitsui bussan kaisha, ltd.

Manufacturer.

SHIPBUILDING DEPARTMENT

Dates of Survey while building: During progress of work in shops -- 1920 Sept 14, 16, 21, 28; Oct 5, 7, 12, 19; Nov 13, 27; Dec 9, 16; 1921 JAN 6; Feb 1, 10; Mar 8, 24; APR 9; MAY 15, 23; JUNE 30; JULY 15, 23, 28; AUG 13, 19, 23, 26, 30; SEPT 8, 12, 16, 22; OCT 3; NOV 24, 24; During erection on board vessel --- DEC. 5; 1922 JAN 7, 28; FEB. 27; MAR. 4, 10, 17, 23, 27; APR. 1, 4, 5, 8, 13, 18; Total No. of visits 53. Is the approved plan of main boiler forwarded herewith Yes.

Dates of Examination of principal parts: Cylinders 24-11-21 Slides 24-11-21 Covers 24-11-21 Pistons 5-12-21 Rods Connecting rods Crank shaft 2-4-21 Thrust shaft 2-19-21 Tunnel shafts 5-19-19 Screw shaft 26-3-21 Propeller 19-8-21 Stern tube 30-6-21 Steam pipes tested 27-2-21 Engine and boiler seatings 28-1-22 Engines holding down bolts 27-3-22 Completion of pumping arrangements 13-4-22 Boilers fixed 27-3-22 Engines tried under steam 30-3-22 OVERHAUL 13-4-22. Completion of fitting sea connections 6-7-21 Stern tube 6-7-21 Screw shaft and propeller 19-9-21 Main boiler safety valves adjusted 27-3-22 Thickness of adjusting washers Lock-nuts LLOYD'S NO 392-434-483 Material of Crank shaft F. Steel Identification Mark on Do. 25-1919 Material of Thrust shaft F. Steel Identification Mark on Do. 25-2. Material of Tunnel shafts " " Identification Marks on Do. LLOYD'S NO 25-1919 Material of Screw shafts F. Steel Identification Marks on Do. 3449 LLOYD'S 26-3-21 Material of Steam Pipes Copper Test pressure 400 lbs. Is an installation fitted for burning oil fuel Yes. Is the flash point of the oil to be used over 150°F. Yes. 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 IWATESAN MARU RPT. NO. EASTERN IMPORTER " " EASTERN EXPORTER " "

General Remarks (State quality of workmanship, opinions as to class, &c.) The Machinery & Boilers have been made under Special Survey accordance with the Requirements of the Rules, and the materials & workmanship are good. The machinery worked Satisfactorily on trial.

The oil fuel suction piping from Settling Tanks to Strokehold Pumps was tested to 50 lb. The O.F. Pressure Piping to Burners was tested to 400 lbs. and all the system found tight. The Machinery of this vessel is eligible, it is submitted, for the record of L.M.C. 4.22. and fitted for Oil fuel 4.22 (F.P. above 150°F). A Blue Print of Boilers & O.F. Piping in 2 + B. spaces are sent herewith.

It is submitted that this vessel is eligible for THE RECORD. L.M.C. - 4.22. F.D. C.L. Fitted for Oil Fuel, 4.22, F.P. above 150°F.

The amount of Entry Fee £ Yen 50.00 Special Fee £ 14.73 ELEC LIGHTS Donkey Boiler Fee £ 2.25 Travelling Expenses (if any) £ Included with bill.

When applied for, APR 17 1922 When received, 12/5/22. L. G. Watt, Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute Assigned + L.M.C. 4.22. F.D. C.L. Fitted for oil fuel 4.22 F.P. above 150°F.



Certificate (if required) to be sent to. The Surveyors are requested not to write on or below the space for Committee's Minute.