

AIR RECEIVERS: — Have they been made under survey *yes* State No. of Report or Certificate *1*
 Is each receiver, which can be isolated, fitted with a **FUSIBLE PLUG** *yes*
 Can the internal surfaces of the receivers be examined and cleaned *yes* Is a drain fitted at the lowest part of each receiver *yes*
Injection Air Receivers, No. *1* Cubic capacity of each *✓* Internal diameter *✓* thickness *✓*
 Seamless, lap welded or riveted longitudinal joint *✓* Material *✓* Range of tensile strength *✓* Working pressure *✓*
Starting Air Receivers, No. *2* Total cubic capacity *400 x 2 cu ft* Internal diameter *5'-1 23/32"* thickness *55/64"*
 Seamless, lap welded or riveted longitudinal joint *Riveted* Material *Steel* Range of tensile strength *28-32 tons* Working pressure *20 approved*
 Actual *356 lbs/sq"*

IS A DONKEY BOILER FITTED? *Yes* If so, is a report now forwarded? *Yes*
 Is the donkey boiler intended to be used for domestic purposes only *Steel driven auxiliaries*
PLANS. Are approved plans forwarded herewith for Shafting *yes* Receivers *16.6.40.* Separate Fuel Tanks *5.5.42.*
 (If not, state date of approval) *25.5.40.* *4.10.40.*
 Donkey Boilers *21.10.40.* General Pumping Arrangements *14.11.42.* Pumping Arrangements in Machinery Space *18.5.41.*
 Oil Fuel Burning Arrangements *18.3.42.*

SPARE GEAR.

Has the spare gear required by the Rules been supplied *yes*
 State the principal additional spare gear supplied *see attached list.*

The foregoing is a correct description,
H. Wolff Limited
 Secretary

Dates of Survey while building	During progress of work in shops--	1940 Sept. 13, 18 Oct. 1, 6, 9, 19 Nov. 11, 13, 14, 28 Oct. 5, 8, 15, 19, 29 1941 Jan 2, 6, 8, 13 Feb. 3, 5, 10, 11, 19, 24
	During erection on board vessel--	24, 27, 29, 30 May 4, 6, 8, 11, 12, 13, 14, 18, 19, 21, 23, 25, 26, 28 June 2, 3, 4, 5, 8, 10, 16, 19, 22, 23, 25, 29 July 3, 4, 6, 7, 9, 25, 27, 28 Aug. 3, 4, 5, 6, 7, 11, 13, 14, 15, 18, 19, 20, 21, 22, 24, 25, 26, 27, 28, 31 Sept. 1, 3, 4, 7, 8, 9, 18, 19, 21, 30 Oct. 3, 5, 6, 7, 8, 13, 16, 17, 20, 23, 24 Nov. 3, 5, 6, 7, 9, 10, 11, 13, 19, 24, 26, 28, 30 Dec. 1, 2, 3, 4, 5, 7, 9, 10, 11, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 28, 29, 30, 31
	Total No. of visits	<i>145</i>

Dates of Examination of principal parts—Cylinders *26.8.42* Covers *4.8.42* Pistons *18.9.42* Rods *15.9.42* Connecting rods *11.8.42*
 Crank shaft *3.9.42* Flywheel shaft *✓* Thrust shaft *9.7.42* Intermediate shafts *25.5.42* Tube shaft *✓*
 Screw shaft *13.5.42* Propeller *23.5.42* Stern tube *23.5.42* Engine seatings *29.5.42* Engines holding down bolts *7.12.42*
 Completion of fitting sea connections *28.5.42* Completion of pumping arrangements *31.12.42.* Engines tried under working conditions *31.12.42.*
 Crank shaft, Material *Steel* Identification Mark *440YDS 170 1049 RIA* Flywheel shaft, Material *✓* Identification Mark *✓*
 Thrust shaft, Material *Steel* Identification Mark *440YDS 170 1049 RIA* Intermediate shafts, Material *Steel* Identification Marks *440YDS 170 407 R*
 Tube shaft, Material *✓* Identification Mark *✓* Screw shaft, Material *Steel* Identification Mark *440YDS 170 407 R*

Identification Marks on Air Receivers
 NO 221.
 440YDS TEST 556 lbs/sq
 47. 356 lbs/sq
 17.3.42 R.

Is the flash point of the oil to be used over 150° F. *yes*
 Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with *yes*
 Description of fire extinguishing apparatus fitted *Steam and chemical extinguishers*
 Is the vessel (not being an oil tanker) fitted for carrying oil as cargo *✓* If so, have the requirements of the Rules been complied with *✓*
 If the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with *✓*

Is this machinery duplicate of a previous case *yes*. If so, state name of vessel *EMPIRE SPENCER (yard H° 1079) (H° 13343)*
General Remarks (State quality of workmanship, opinions as to class, &c. *This machinery has been constructed under special survey in accordance with the Society's Rules and the approved plans. The materials and workmanship are good. The machinery has been efficiently installed on board the vessel and tried under full working conditions during trials with satisfactory results, and is eligible in our opinion to have notation in the Register Book of +LMC 12.42. 1DB 180 lbs/sq*
T.S. CL. Oil Engine.

The amount of Entry Fee	£ 6	-	When applied for,
Special	£ 100	2	20.1.43
Donkey Boiler Fee	£ 23	10	When received,
AIR RECEIVERS	8	8	
Travelling Expenses (if any)	£		19

Committee's Minute
 Assigned *+ LMC 12.42*
DB-180 lbs
Oil Eng. Ch.

A. Shaw *Ree James*
 Engineer Surveyor to Lloyd's Register of Shipping.
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The Surveyors are requested not to write on or below the space for Committee's Minute.