

AIR RECEIVERS:—Is each receiver, which can be isolated, fitted with a safety valve as per Rule *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.*

High Pressure Air Receivers, No. *None.* Cubic capacity of each *✓* Internal diameter *✓* thickness *✓*

Seamless, lap welded or riveted longitudinal joint *✓* Material *✓* Range of tensile strength *✓* Working pressure by Rules *✓* Actual *✓*

Starting Air Receivers, No. *Two* Total cubic capacity *800 cu. ft.* Internal diameter *4' 10 1/8"* thickness *27/32"*

Seamless, lap welded or riveted longitudinal joint *T.R.D.B.S.* Material *Steel* Range of tensile strength *28-32 tons* Working pressure by Rules *372 lbs 10"* Actual *350 lbs 10"*

IS A DONKEY BOILER FITTED? *Yes. (Two)* If so, is a report now forwarded? *Yes.*

Is the donkey boiler intended to be used for domestic purposes only *No.*

PLANS. Are approved plans forwarded herewith for Shafting *Crank Shaft 1-6-37* Receivers *Yes.* Separate Fuel Tanks *Yes.*

(If not, state date of approval)

Donkey Boilers *Yes.* General Pumping Arrangements *✓* Pumping Arrangements in Machinery Space *✓*

Oil Fuel Burning Arrangements *✓*

SPARE GEAR.

Has the spare gear required by the Rules been supplied *Yes.*

State the principal additional spare gear supplied *as per attached list.*

The foregoing is a correct description.

N. & W. HAWTHORN, LESLIE & CO., LIMITED
R. J. Johnston Manufacturer.

Dates of Survey while building

During progress of work in shops--	1937 Sep. 27, 6, 12, 15, 22, 26, 27, 28	1938 Jan. 5, 6, 10, 11, 20, Feb.
During erection on board vessel--	9, 14, 22, 23, 24, 26, 4, 10, 14, 15, 17, 18, 21, 22, 24, 25, 28, 30, Apr. 1, 4, 5, 6, 8, 11, 12, 14, 20, 21, 22, 25, 26, 28	
Total No. of visits	<i>84.</i>	

Dates of Examination of principal parts—Cylinders *21-4-38* Covers *21-4-38* Pistons *15-3-38* Rods *17-3-38* Connecting rods *17-3-38*

Crank shaft *10-5-38* Flywheel shaft *20-5-38* Thrust shaft *30-12-37* Intermediate shafts *7-6-38* Tube shaft *✓*

Screw shaft *2-6-38* Propeller *7-6-38* Stern tube *2-6-38* Engine seatings *✓* Engines holding down bolts *✓*

Completion of fitting sea connections *✓* Completion of pumping arrangements *✓* Engines tried under working conditions *✓*

Crank shaft, Material *Steel* Identification Mark *1043.* Flywheel shaft, Material *Steel* Identification Mark *1079.*

Thrust shaft, Material *Steel* Identification Mark *5545* Intermediate shafts, Material *Steel* Identification Marks *5590.*

Tube shaft, Material *✓* Identification Mark *✓* Screw shaft, Material *Steel* Identification Mark *5578.*

Is the flash point of the oil to be used over 150° F. *✓* *Share 5546.*

Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with *✓*

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 *(Main Eng only) "ANCYLUS" No. R/N 92146.*

General Remarks (State quality of workmanship, opinions as to class, &c.)

The Engine has been built under Special Survey in accordance with the Society's Rules and approved plans.

The materials and workmanship are good.

The Engine has been sent to Messrs Furness S.B. & Co Ltd Haverton Hill-on-Dees to be fitted on board.

NHP 502 1st Entry £6-0-0. } Newcastle of.

2/3 of £100-2 - - - - £66-14-0 } Newcastle of.

1/3 of £100-2 - - - - £33-8-0 } Middlebrough of.

The amount of Entry Fee .. £ 6 : - : When applied for

Special ... £ 100 : 2 : *-8 JUL 1938*

Donkey Boilers Fee ... £ 25 : 18 : When received,

AIR RECEIVERS *12/7 1938*

Travelling Expenses (if any) £ 8 : 8 :

L. Pickett.
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUE 18 OCT 1938*

Assigned *See minute on Re. machinery*



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