

IS A DONKEY BOILER FITTED? *No*

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,
THE TOLEDO SHIPBUILDING CO.,

A. B. Calder
Vice Pres. & Genl Mgr.

Manufacturer.

Dates of Survey while building
During progress of work in shops -- 1916
MAY 5-18. JUN 2-16-26. JULY 7-20. AUG 2. SEPT 13-22-26-29. OCT 20-22-28. NOV 3-10-14-20. DEC 5-15.
During erection on board vessel -- JAN 9. FEB 7. MAR 6-21-26. APR 18-25.
APRIL 18-25. MAY 2-11-14-21-23-29.
Total No. of visits 35

Is the approved plan of main boiler forwarded herewith

Is the approved plan of donkey boiler forwarded herewith

Dates of Examination of principal parts—Cylinders 20-7-16 Slides 20-10-16 Covers 29-9-16 Pistons 29-9-16 Rods 2-8-16

Connecting rods 20-10-16 Crank shaft 5-12-16 Thrust shaft 5-12-16 Tunnel shafts ✓ Screw shaft 5-12-16 Propeller 26-3-17

Stern tube 26-3-17 Steam pipes tested 20-3-17 25-4-17 Engine and boiler seatings 18-4-17 Engines holding down bolts 11-5-17

Completion of pumping arrangements 23-5-17 Boilers fixed 11-5-17 Engines tried under steam 23-5-17

Completion of fitting sea connections 18-4-17 Stern tube 18-4-17 Screw shaft and propeller 18-4-17

Main boiler safety valves adjusted 23-5-17 Thickness of adjusting washers P 1/2" V. 1/16" C 7/16" V. 3/4" V. S 2 1/2" V. 9/16" V.

Material of Crank shaft S Identification Mark on Do. LLOYDS No 23. T.S.D. Material of Thrust shaft S Identification Mark on Do. LLOYDS No 23. T.S.D.

Material of Tunnel shafts ✓ Identification Marks on Do. ✓ Material of Screw shafts S Identification Marks on Do. —

Material of Steam Pipes Seamless steel. 1/2" + 3/8" thick 7" + 5" dia Test pressure 660 lbs

Is an installation fitted for burning oil fuel *no* ✓ 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 ✓

Is this machinery duplicate of a previous case *No* ✓ If so, state name of vessel ✓

General Remarks (State quality of workmanship, opinions as to class, &c. *The engines and boilers of this vessel have been built under special survey. The materials and workmanship are sound and good.*

The machinery has been fitted on board in an efficient manner, tried under working conditions and found satisfactory, and is eligible in my opinion to be classed in the Register Book with record of L.M.C. 5.17.

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

The amount of Entry Fee ... \$15:00 :
Special ... \$201:00 :
Donkey Boiler Fee ... £ : :
Travelling Expenses (if any) \$38:00 :
When applied for, 19...
When received, 11.6.17

J. S. Selles
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute New York JUN 5 1917

Assigned *+ dm 65.17*

subject to
MACHINERY CERTIFICATE
WRITTEN. 9.7.17

