

"EMPIRE MEADOW"

Dates of Survey while building

During progress of work in shops -- 1941 Dec 8. 13. 28. 29. 1942 Feb. 19. Mar. 20. 29. Apr. 3. 13. 21. May 1. 8. 15. 16. 19. 22. 30.

During erection on board vessel --- June 2. 3. 5. 6. 12. 15. 20. 29. 30. July 2. 9. 15. 16. 17. 18. 20. 21. 22. 23. 24. 25. 30. Aug 4. 5. 6. 7.

8. 10. 12. 13. 14. 15. 18.

Total No. of visits 50.

Dates of Examination of principal parts—Cylinders 18/5/42 2/6/42 20/5/42 Slides 12/6/42 Covers 18/5/42 2/6/42 20/5/42

Pistons 5/6/42 12/6/42 Piston Rods 27/3/42 13/4/42 Connecting rods 5/6/42

Crank shaft 2/4/42 Thrust shaft 27/3/42 Intermediate shafts 3/4/42

Tube shaft ✓ Screw shaft 29/12/42 Propeller 28-12-41

Stern tube 17/12/41 Engine and boiler seatings 19/2/42 Engines holding down bolts 17/7/42

Completion of fitting sea connections 19/2/42

Completion of pumping arrangements 30/7/42 Boilers fixed 17/7/42 Engines tried under steam 30.7.42. 12.8.42.

Main boiler safety valves adjusted 30.7.42. Thickness of adjusting washers 30/7/42 aft 7/6

Crank shaft material M.S. Copy 7172. Journal 7173. AEG 17/2/42. 7174. AEG 17-2-42 JS 1633

Identification Mark Pin 7456 AEG Thrust shaft material M.S. Identification Mark 27.3.42

7175 AEG 17/2/42 JS 21/3/42

Intermediate shafts, material M.S. Identification Marks 1633. 3/4/42 Tube shaft, material Non-C Identification Mark —

Screw shaft, material M.S. 6567 AEG 8-12-41. Identification Mark JS 3/4/42 Steam Pipes, material STEEL Test pressure 630 lb Date of Test 25.7.42

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 the Rules for the use of oil as fuel been complied with ✓

Is the vessel (not being an oil tanker) fitted for carrying oil as cargo No 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 No

Is this machinery duplicate of a previous case Yes. If so, state name of vessel S. Tug. EMPIRE BIRCH. Hull No. 51472.

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

The Machinery of the Vessel has been constructed in accordance with the approved plans, the Rules and the Specification, of tested material made by firms accredited by the Society.

The Workmanship and material are good.

The Machinery and auxiliaries have been fitted on board and, when tried under steam at sea full power as practicable in the basin were found satisfactory in every respect: eligible for record of *LMC 8.42. O.G.

T 3cyl. 16", 26", 43" — 30". 177 NHP 15B 210 lb 3 cf.

GS 64. HS 2,778 F.D.

The amount of Entry Fee ... £ : : When applied for, 10 SEP 1942

Special ... £ 36 : 16 : When received,

Donkey Boiler Fee ... £ : : 19.

Travelling Expenses (if any) £ : : :

J. Philson & *W. S. Shields*
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 15 SEP 1942
J. Philson
 Assigned *W. S. Shields*



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