

Cpn. Nos. 11527, 11618, 11623,
11691 & 11751.

Lon. No. 113207. Fal. 10334.

"NAVITAS".

The machinery of this vessel was constructed (3.43) under Special Survey to the Requirements of the Rules for heavy oil engines, but to be used as gas engines for which a gas generating plant was installed.

Alterations were made to the auxiliary engines 4.44 converting them from electric ignition to compression ignition by introduction of direct oil injection into the gas. Suitable oil storage tanks being fitted for this purpose.

Continuous survey of machinery commenced 7.44. The gas generating plant damaged by mine explosions was removed from the vessel 1.45 and the machinery converted for the use of ordinary heavy oil, and owing to this damage the screwshaft was examined, stern tube withdrawn, stern post bored and tube refitted to true alignment, the damaged cast steel propeller replaced by one of cast iron (vessel strengthened for navigation in ice). Machinery completely dismantled, re-erected in shop and refitted. All parts of the machinery being examined and broken parts renewed. Oil storage and settling tanks and pumps fitted to Rule Requirements and the whole installation satisfactorily tested.

The vessel has been examined in dry dock and repairs to stern tube oil gland effected.

The main and auxiliary machinery and donkey boiler were constructed between 8.41 and 3.43 while the country was occupied by the Germans.

The materials used were tested by the Copenhagen Surveyors.

IT IS SUBMITTED the vessel is eligible for the record ~~LMC~~ 1.45, S 12.44.

Oil engines 4 S.C.S.A.

6 Cy. 21 5/8" - 39 1/8" OG

272 M.N.

D.B. 71 lbs.

Defer record Bell
subject to a propeller of approved material being fitted
Note for S.R.L: Donkey boiler survey to be held about 3.47.

X The Surveyors should be requested to forward certificates of tests of the materials.

Defer Record. Strengthened for navigation in ice meantime

Received from 29.1.46
Bell's Register
3.1.46
Foundation

015417-015423-0053