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REPORT ON OIL ENGINE MACHINERY.

No. 11814

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Report of writing Report December 1945 When handed in at Local Office 19 Port of Copenhagen
 in Survey held at Copenhagen - Skibsn Date, First Survey 16th September 1939 Last Survey 30th November 1945
 Book. Number of Visits 74
 on the Single Screw vessel FALSTRIA Tons Gross 6992.78 Net 4234.42
 at Nakskov By whom built Skibsværft Yard No. 98 When built 1945
 engines made at Copenhagen By whom made Apt. Bunnike & Wain Engine No. 3267 When made 1945
 nkey Boilers made at Copenhagen By whom made Apt. Bunnike & Wain Boiler No. 2015 When made 1945
 like Horse Power 6000 Owners De Del Ostaialiske Kompagni Port belonging to Copenhagen
 m. Horse Power as per Rule 1277 Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 de for which vessel is intended Open sea service, Passengers and a general cargo

ENGINES, &c. — Type of Engines Vertical Diesel 2 or 4 stroke cycle 2 Single or double acting double
 imum pressure in cylinders 49 kg/cm² Diameter of cylinders 550 mm Length of stroke 1200 + 400 mm No. of cylinders 6 No. of cranks 6
 in Indicated Pressure 6.5 kg/cm² Flywheel 3900 kg/m² Weights 3860 kg/m² Means of ignition compression Kind of fuel used heavy oil
 in of bearings, adjacent to the crank, measured from inner edge to inner edge 1110 mm Is there a bearing between each crank yes
 olutions per minute 120 Crank pin dia. 440 mm Crank webs 1050 mm Thickness parallel to axis 235 mm
 ank dia. of journals 431 mm as per Rule 440 mm as fitted 440 mm Mid. length breadth 225 mm shrunk 245 mm
 aft, Solid forged Semi built All built as fitted 115 mm as fitted 115 mm as fitted 115 mm
 wheel Shaft, diameter 380 mm as per Rule 382 mm as fitted 382 mm Thrust Shaft, diameter at collars 440 mm as fitted 440 mm
 as fitted 440 mm as fitted 440 mm as fitted 440 mm
 be Shaft, diameter 417 mm as per Rule 428 mm as fitted 428 mm Is the shaft fitted with a continuous liner yes
 as fitted 428 mm as fitted 428 mm as fitted 428 mm
 onze Liners, thickness in way of bushes 20.4 mm as per Rule 24 mm as fitted 24 mm Thickness between bushes 15.3 mm as per Rule 19 mm as fitted 19 mm
 as fitted 24 mm as fitted 24 mm as fitted 24 mm
 peller boss yes If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner yes
 the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-
 rosiive yes If two liners are fitted, is the shaft lapped or protected between the liners yes Is an approved Oil Gland or other appliance fitted at the after
 of tube shaft no If so, state type no Length of bearing in Stern Bush next to and supporting propeller 2175 mm
 opeller, dia. 5250 mm Pitch 4100 mm No. of blades 4 Material Stainless steel whether moveable no Total developed surface 9.86 sq. feet
 ethod of reversing Engines direct Is a governor or other arrangement fitted to prevent racing of the engine when declutched yes Means of
 brication friction Thickness of cylinder liners 38 mm Are the cylinders fitted with safety valves yes Are the exhaust pipes and silencers water cooled
 lagged with non-conducting material lagged If the exhaust is led overboard near the waterline, what means are arranged to prevent water from being syphoned
 ck to the engine 2 off 100 mm Cooling Water Pumps, No. 2 the sea suction provided with an efficient strainer which can be cleared within the vessel yes
 lge Pumps worked from the Main Engines, No. 1 Diameter 150 mm Stroke 2 Can one be overhauled while the other is at work yes
 mps connected to the Main Bilge Line { No. and size 1 Ballast 150 mm - 2 Bilge 2 x 406 mm + 1 emergency bilge 100 mm How driven all electrically
 the cooling water led to the bilges overboard If so, state what special arrangements are made to deal with this water in addition to the ordinary bilge pumping
 rangements no
 allast Pumps, No. and size 1 off 150 mm Power Driven Lubricating Oil Pumps, including spare pump, No. and size 2 off 220 mm each
 re two independent means arranged for circulating water through the Oil Cooler yes Suctions, connected to both main bilge pumps and auxiliary
 ge pumps, No. and size: — In machinery spaces 3 off 3" - 1 off 2 1/2" - 1 off 2" from separate platforms In pump room 2 off 2 1/2" - 1 off 2" - 1 off 3"
 holds, & 1 off 1" - 1 off 1/2" - 1 off 1/4" - 1 off 1/8" - 1 off 1/16" - 1 off 1/32" - 1 off 1/64" - 1 off 1/128" - 1 off 1/256" - 1 off 1/512" - 1 off 1/1024" - 1 off 1/2048" - 1 off 1/4096" - 1 off 1/8192" - 1 off 1/16384" - 1 off 1/32768" - 1 off 1/65536" - 1 off 1/131072" - 1 off 1/262144" - 1 off 1/524288" - 1 off 1/1048576" - 1 off 1/2097152" - 1 off 1/4194304" - 1 off 1/8388608" - 1 off 1/16777216" - 1 off 1/33554432" - 1 off 1/67108864" - 1 off 1/134217728" - 1 off 1/268435456" - 1 off 1/536870912" - 1 off 1/1073741824" - 1 off 1/2147483648" - 1 off 1/4294967296" - 1 off 1/8589934592" - 1 off 1/17179869184" - 1 off 1/34359738368" - 1 off 1/68719476736" - 1 off 1/137438953472" - 1 off 1/274877906944" - 1 off 1/549755813888" - 1 off 1/1099511627776" - 1 off 1/2199023255552" - 1 off 1/4398046511104" - 1 off 1/8796093022208" - 1 off 1/17592186044416" - 1 off 1/35184372088832" - 1 off 1/70368744177664" - 1 off 1/140737488355328" - 1 off 1/281474976710656" - 1 off 1/562949953421312" - 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