

REPORT ON OIL ENGINE MACHINERY.

No. 10248

23 DEC 1933

Date of writing Report 12/12/33 When handed in at Local Office 12/12/33 Port of TRIESTE
 Date, First Survey 8th February 1932 Last Survey 7th December 1933
 Number of Visits 37

No. in Survey held at Monfalcone
 Reg. Book. 30569 on the Single Twin Triple Quadruple Screw vessel Marguerite Trinaly
 Tons Gross 12505 Net 5245

By whom built Lancia Pirelli & Co. Yard No. 251 When built 1933
 By whom made FIAT Stab. Gr. Motori Engine No. 1805 When made 1933
 By whom made A. & W. Hawthorn Leslie & Co. Boiler No. 526 When made 1933
 Owners Societa Auxiliare di Trasporti belonging to Ravenna

By whom made Fiat Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

Maximum pressure in cylinders 49 kg Is there a bearing between each crank
 as per Rule 377 mm Crank pin dia. 400 mm Crank Webs Mid. length thickness 225 mm
 as fitted 400 mm

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which vessel is intended Oil Tanker 2378 43716

Also Genoa Report No. 13148
 L ENGINES, &c. Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

Maximum pressure in cylinders 49 kg Is there a bearing between each crank
 as per Rule 377 mm Crank pin dia. 400 mm Crank Webs Mid. length thickness 225 mm
 as fitted 400 mm

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which vessel is intended Oil Tanker 2378 43716

Also Genoa Report No. 13148
 L ENGINES, &c. Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

Maximum pressure in cylinders 49 kg Is there a bearing between each crank
 as per Rule 377 mm Crank pin dia. 400 mm Crank Webs Mid. length thickness 225 mm
 as fitted 400 mm

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which vessel is intended Oil Tanker 2378 43716

Also Genoa Report No. 13148
 L ENGINES, &c. Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

Maximum pressure in cylinders 49 kg Is there a bearing between each crank
 as per Rule 377 mm Crank pin dia. 400 mm Crank Webs Mid. length thickness 225 mm
 as fitted 400 mm

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which vessel is intended Oil Tanker 2378 43716

Also Genoa Report No. 13148
 L ENGINES, &c. Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

Maximum pressure in cylinders 49 kg Is there a bearing between each crank
 as per Rule 377 mm Crank pin dia. 400 mm Crank Webs Mid. length thickness 225 mm
 as fitted 400 mm

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which vessel is intended Oil Tanker 2378 43716

Also Genoa Report No. 13148
 L ENGINES, &c. Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

Maximum pressure in cylinders 49 kg Is there a bearing between each crank
 as per Rule 377 mm Crank pin dia. 400 mm Crank Webs Mid. length thickness 225 mm
 as fitted 400 mm

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which vessel is intended Oil Tanker 2378 43716

Also Genoa Report No. 13148
 L ENGINES, &c. Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

Maximum pressure in cylinders 49 kg Is there a bearing between each crank
 as per Rule 377 mm Crank pin dia. 400 mm Crank Webs Mid. length thickness 225 mm
 as fitted 400 mm

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which vessel is intended Oil Tanker 2378 43716

Also Genoa Report No. 13148
 L ENGINES, &c. Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

Maximum pressure in cylinders 49 kg Is there a bearing between each crank
 as per Rule 377 mm Crank pin dia. 400 mm Crank Webs Mid. length thickness 225 mm
 as fitted 400 mm

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which vessel is intended Oil Tanker 2378 43716

Also Genoa Report No. 13148
 L ENGINES, &c. Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

Maximum pressure in cylinders 49 kg Is there a bearing between each crank
 as per Rule 377 mm Crank pin dia. 400 mm Crank Webs Mid. length thickness 225 mm
 as fitted 400 mm

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which vessel is intended Oil Tanker 2378 43716

Also Genoa Report No. 13148
 L ENGINES, &c. Type of Engines FIAT Solid Injection LS 606 2 or 4 stroke cycle 2 Single or double acting Single
 Diameter of cylinders 600 mm Length of stroke 1100 mm No. of cylinders 6 x 2 No. of cranks 6 x 2

IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

t. 4b.

Is the donkey boiler intended to be used for domestic purposes only

PLANS. Are approved plans forwarded herewith for Shafting
(If not, state date of approval)

Receivers

Separate Tanks

Donkey Boilers

General Pumping Arrangements

Oil Fuel Burning Arrangements

SPARE GEAR.

Has the spare gear required by the Rules been supplied *yes*

State the principal additional spare gear supplied *1 Propeller bon. 4 Propeller blades. 1 Propeller shaft. 1 Pist complete with rod etc. 2 pistons 2 shafts. 2 cylinder liners. 1 cylinder cover. 1 of spare parts for one fuel pump. 1 set of main bearing bristles for main and compressor. 1 set of top and bottom end bristles for main engine and compressor. 1 compressor piston. 1 compressor cylinder. 1 compressor of for cover. 1 air cooler coil. Various spare parts for cam shaft, lubricator arrangements, coolers etc. Complete spare of valves, springs, bristles etc. for each pump and other Aux. Engines.*

The foregoing is a correct description.

Manufacturer.

Dates of Survey while building { During progress of work in shops - *1932 Feb 8, Mar 15, 22, Apr 13, 16, May 7*
During erection on board vessel - *1933 Mar 30, July 6, 10, 12, 22, Aug 8, 10, 28, 31, Sep 4, 8, 15, Oct 2, 17, 19, 21, 25, 27, 31, Nov 6, 10, 13, 16, 17, 18, 21, 23, 30, Dec 4, 11, 18, 25, 31, M.V.*
Total No. of visits *thirtyseven*

See also *Genoa Rep. No. 13148*
Dates of Examination of principal parts - Cylinders *17-10-33* Covers *17-10-33* Pistons *10-11-33* Rods *10-11-33* Connecting rods *10-11-33*

Crank shaft *13-11-33* Flywheel shaft *13-18-11-33* Thrust shaft *13-18-11-33* Intermediate shafts *8-8-33* Tube shaft -

Screw shaft *30-3-33* Propeller *30-3-33* Stern tube *6-12-7-33* Engine seatings *31-8-33* Engines holding down bolts *18-11-33*

Completion of fitting sea connections *12-7-33* Completion of pumping arrangements *23-11-33* Engines tried under working conditions *4-12-33*

Crank shaft, Material *P.M.S.* Identification Mark *3809 MB 30-4-33* Flywheel shaft, Material *See Genoa Rep* Identification Mark -

Thrust shaft, Material *P.M.S.* Identification Mark *3419 MB 22-7-31* Intermediate shafts, Material *P.M.S.* Identification Marks *4220 MK 9373 AC*

Tube shaft, Material - Identification Mark - Screw shaft, Material *P.M.S.* Identification Mark *1529 AC 1521 AC 30*

Is the flash point of the oil to be used over 150° F. *yes*Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with *yes*Is the vessel (not being an oil tanker) fitted for carrying oil as cargo *Oil tanker* 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 *B.L. Hague & Orrille Harde*

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

The machinery of this vessel has been constructed under special supervision at Turin and fitted on board at Monfalcone. It has been tested under full working condition and found in order and in my opinion is gible to have the notation of +LMC 12-33

The two waste heat Clarkson Boilers have been satisfactorily fitted on board and their safety valves were adjusted to blow at 100 lbs (Please see Grimsby Report No 18040)

The amount of Entry Fee .. £ : : When applied for, *27-12-33*
1/5 Special ... £ 25 : 16 : 8
Donkey Boiler Fee ... £ 9 : 1 : 0
Travelling Expenses (if any) £ 21 : 0 : 0 *10-1-1934*

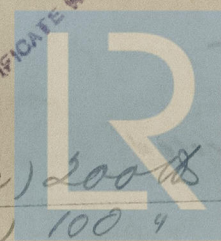
Committee's Minute

Assigned

TUE. 2 JAN 1934

See Tr. J.C. 10248

+ LMC 12-33

2 DB (a) 200-8
2 DB (F) 100-9

© 2021

Lloyd's Register Foundation

Certificate (if required) to be sent to the owners

Partic
Cast
Wei
Nun
of T

PART

No. an

3rd OK

Off

particu

PART

Double b

Double b

Double b

Double b

Double b

Order for

receiv

offic

Date