

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 11818

Received at London Office

Writing Report 20.9.37 When handed in at Local Office

23.9.37 Port of TRIESTE

Survey held at Monfalcone

Date, First Survey June 25

Last Survey Sep 9

1937

Number of Visits four

16 on the Single
Twin
Triple
Quadruple

Screw vessel

Tella

Tons { Gross 6072
Net 3748

at Trieste

By whom built Stabilimento Tecnico

Yard No. 745

When built 1926

"Italia" Soc. An. di Navigazione

Port belonging to Venice

engines made at Turin

By whom made Fiat Soc. Gr. Motori

Contract No. 2408

When made 1937

ators made at Trieste

By whom made C.R.D.A. Officine Elettriche

Contract No. 104383

When made 1937

Sets 2 Engine Brake Horse Power 100 x 2 Nom. Horse Power as per Rule 23 x 2 Total Capacity of Generators 60 Kilowatts.

ISO/Genos Report 14885 FIAT VM 175 (solid injected) 2 or 4 stroke cycle 4 Single or double acting single

ENGINES, &c. Type of Engines 50 Kg/cm² Diameter of cylinders 175 mm Length of stroke 300 mm No. of cylinders 5 No. of cranks 5

pressure in cylinders 204 mm Is there a bearing between each crank yes

bearings, adjacent to the Crank, measured from inner edge to inner edge 600 Flywheel dia. 750 mm Weight 410 Kg Means of ignition Compress Kind of fuel used Diesel oil

ions per minute 210 mm Thickness parallel to axis 50 mm

Shaft, dia. of journals as per Rule 100 mm Crank pin dia. 110 mm Crank Webs Mid. length thickness 50 mm Thickness around eyehole

as fitted 110 mm Intermediate Shafts, diameter as per Rule Thickness of cylinder liners 16.75 mm

as fitted Governor or other arrangement fitted to prevent racing of the engine when declutched yes Means of lubrication forced

cylinders fitted with safety valves yes Are the exhaust pipes and silencers water cooled or lagged with non-conducting material lagged

g Water Pumps, No. One centrif. Is the sea suction provided with an efficient strainer which can be cleared within the vessel yes

ating Oil Pumps, No. and size One rotative

compressors, No. none No. of stages Diameters Stroke Driven by

ging Air Pumps, No. none Diameter Stroke Driven by

RECEIVERS: Is each receiver, which can be isolated, fitted with a safety valve as per Rule yes

internal surfaces of the receivers be examined yes What means are provided for cleaning their inner surfaces covers

a drain arrangement fitted at the lowest part of each receiver yes

Pressure Air Receivers, No. none Cubic capacity of each Internal diameter thickness

lap welded or riveted longitudinal joint Material Range of tensile strength Working pressure by Rules

g Air Receivers, No. 1 Total cubic capacity 250 Ltr. Internal diameter 300 mm thickness 15 mm

lap welded or riveted longitudinal joint seamless Material 170 MPa Range of tensile strength Working pressure by Rules 70.6 kg/cm²

TRIC GENERATORS: Type Enclosed ventilated

re of supply 220 volts Load 273 Amperes Direct or Alternating Current Direct

ating current system, state frequency of periods per second

Automatic Governor been tested and found efficient when the whole load is suddenly thrown on or off yes

ators, do they comply with the requirements regarding rating yes are they compound wound yes

over compounded 5 per cent. yes, if not compound wound state distance between each generator

justable regulating resistance fitted in series with each shunt field yes Are all terminals accessible, clearly marked, and furnished with sockets yes

so spaced or shielded that they cannot be accidentally earthed, short circuited, or touched yes Are the lubricating arrangements of the generators as per Rule yes

S. Are approved plans forwarded herewith for Shafting 7.4.36 Receivers originally on board used for Separate Tanks

E GEAR as per Rule with exception of crank pin

aring which it is stated will be place on board

Genoa where the vessel is now proceeding. The

mayors have been informed



© 2020

Lloyd's Register Foundation

W36 0044

The foregoing is a correct description,

Manufacturer.

4

Covers

Pistons

Piston rods

Connecting rods.

Crank and Flywheel shaft

Intermediate shaft

Crank and Flywheel shafts, Material

Steel

Identification Mark A649 GB A650 GB

Intermediate shafts, Material

Identification Marks

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.)

General Remarks (State quality of workmanship, opinions as to cause, etc.)

These two Auxiliary Engines have been constructed for special survey at Turin. Please see Gmva Report No 14

They are installed on

The engines have been satisfactorily installed on the M/S Tella in the main C. R. platform (No 2407 port No 2408 starb side) tested under full working conditions and without load and found satisfactory.

ATTN: S. _____ must not expect to write on or below the space for Committee Minute.)

The amount of Fee ...

Line 800

When applied for,

20/9/37

Travelling Expenses (if any)

18: ✓

When received

0017.35

Committee's Minute

FRI 15 OCT 1937

Assigned

See Trs 11818

R. F. Farnham
Surveyor to Lloyd's Register of Shipping.