

# REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 8113

Report 30th Jan. 1945 When handed in at Local Office 30th Jan. 1945 Port of Baltimore, Maryland  
 Survey held at Baltimore, Maryland Date, First Survey 25th August Last Survey 14th Dec. 1944  
 on the ~~XXXX~~ Screw vessel "POZA RICA" Number of Visits 4

Genoa By whom built Ansaldo Yard No. When built 1940  
 Caribaldi S.A.C.N. S.A.C.N.

Engines made at Genoa By whom made Ansaldo Contract No. - When made -  
 Engines made at Monfalcone By whom made Cantieri Riuniti Dell Adriatico Contract No. - When made 1940  
 2 Engine Brake Horse Power 80 Nom. Horse Power as per Rule 20.9 Total Capacity of Generators 100 Kilowatts.

GINES, &c. Type of Engines Heavy Oil ~~XXXX~~ 4 stroke cycle Single ~~XXXXXX~~ acting S  
 Pressure in cylinders 54 Kg/cm<sup>2</sup> Diameter of cylinders 215 m.m. Length of stroke 310 m No. of cylinders 3 No. of cranks 3  
 Rings, adjacent to the Crank, measured from inner edge to inner edge 238 m.m. Is there a bearing between each crank Yes  
 per minute 400 Flywheel dia. 54" Weight 4120 lbs. Means of ignition Comp<sup>n</sup> Kind of fuel used Diesel  
 as per Rule 117.2 m.m. Crank pin dia. 130 m.m. Mid. length breadth 180 m.m. Thickness parallel to axis solid forged  
 as fitted 130 m.m. Crank Webs Mid. length thickness 65 m.m. Thickness around eye-hole -  
 Shaft, diameter as per Rule 117.2 m.m. Intermediate Shafts, diameter as per Rule - Thickness of cylinder liners 16 m.m.  
 as fitted 155 m.m.

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 Yes  
 Water Pumps, No. 1 attached Is the sea suction provided with an efficient strainer which can be cleared within the vessel Yes

Oil Pumps, No. and size 1 attached  
 Pumps, No. None No. of stages - Diameters - Stroke - Driven by -  
 Air Pumps, No. None Diameter - Stroke - Driven by -

RECEIVERS: Have they been made under Survey State No. of Report or Certificate  
 er, which can be isolated, fitted with a safety valve as per Rule Yes  
 al surfaces of the receivers be examined No What means are provided for cleaning their inner surfaces  
 in arrangement fitted at the lowest part of each receiver Yes

ure Air Receivers, No. - Cubic capacity of each - Internal diameter - thickness  
 welded or riveted longitudinal joint - Material - Range of tensile strength - Working pressure by Rules -  
 r Receivers, No. 2 Total cubic capacity 200 Litres Internal diameter - thickness -  
 Material C. Steel Range of tensile strength - Working pressure by Rules -

IC GENERATORS: Type Compound  
 supply 110 volts. Full Load Current 455 Amperes. Direct or Alternating Current Direct  
 current system, state the periodicity - Has the Automatic Governor been tested and found as per rule when full load is suddenly thrown on and off Yes  
 are they compounded as per rule Yes is an adjustable regulating resistance fitted in series with each  
 Yes Are all terminals accessible, clearly marked, and furnished with sockets Yes

aced or shielded that they cannot be accidentally earthed, short circuited, or touched Yes Are the lubricating arrangements of the generators as per Rule Yes  
 rs are under 100 kw. full load rating, have the Makers supplied certificates of test - and do the results comply with the requirements -  
 rs are 100 kw. or over have they been built and tested under survey -  
 re approved plans forwarded herewith for Shafting (If not, state date of approval) - Receivers - Separate Tanks -

GEAR 1 Cyl. cover with valves, 1 cylinder liner, 1 piston, 1 gudgeon pin, 1 crankpin bearing and  
 connecting rod, 2 main bearing half bushes.

foregoing is a correct description,

Manufacturer.



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The Surveyors are requested not to write on or below the space for Committee Minute.)

Wm. C. Cowin  
Surveyor to Lloyd's Register of Shipping.

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