

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 5168

Received at London Office 117 JUN 1954

Port 15-5-1954 When handed in at Local Office 19 Port of NAPLES

By whom held at NAPLES Date, First Survey 30-1-54 Last Survey 8-5-1954

Number of Visits 6

Single Screw vessel. MOTOR TANKER "ROSA PELLEGRINO" Tons Gross Net

NAPLES By whom built CANTIERI NAVALI PELLEGRINO Yard No. 94 When built 1954

RO PELLEGRINO & FIGLIO Port belonging to NAPLES

at VOGHERA By whom made ARONA, OFFICINE MECC & FONDE Contract No. 7730-1-2 When made 1953

at ARZIGNANO By whom made PELLIZZARI & FIGLI Contract No. 733176-79 When made 1953

Engine Brake Horse Power 2024 M.N. as per Rule Total Capacity of Generators 35 Kilowatts.

for essential services Yes

ES, &c.—Type of Engines See GENOA RPS 19472-19473 2 or 4 stroke cycle Single or double acting

ure in cylinders Diameter of cylinders Length of stroke No. of cylinders No. of cranks

Firing order in cylinders Span of bearings, adjacent to the Crank, measured from inner edge to inner edge

g between each crank Moment of inertia of flywheel (16 m² or Kg.-cm.²) Revolutions per minute

Weight Means of ignition Kind of fuel used

as per Rule Crank pin dia. Crank Webs Mid. length breadth Thickness parallel to axis

as fitted as fitted Mid. length thickness shrunk Thickness round eyehole

as per Rule Intermediate Shafts, diameter as per Rule General armature, moment of inertia (16 m² or Kg.-cm.²)

as fitted as fitted

ided to prevent racing of the engine when decoupled Means of lubrication Kind of damper if fitted

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

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

Pumps, No. and size

rs, No. No. of stages Diameters Stroke Driven by

Pumps, No. Diameter Stroke Driven by

VERS:—Have they been made under Survey See RPS. 47 State No. of Report or Certificate

, which can be isolated, fitted with a safety valve as per Rule

al surfaces of the receivers be examined What means are provided for cleaning their inner surfaces

arrangement fitted at the lowest part of each receiver

Air Receivers, No. Cubic capacity of each Internal diameter thickness

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

receivers, No. Total cubic capacity Internal diameter thickness

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

GENERATORS:—Type

pply volts Full Load Current Amperes Direct or Alternating Current

current system, state the periodicity Has the Automatic Governor been tested and found as per Rule when full load is suddenly thrown

Generators, are they compounded as per Rule is an adjustable regulating resistance fitted in series with each shunt field

als accessible, clearly marked, and furnished with sockets Are they so spaced

at they cannot be accidentally earthed, short circuited, or touched Are the lubricating arrangements of the generators as per Rule

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

ven machinery other than generator EACH 24BHP SET DRIVES AN AIR COMPRESSOR THROUGH CLUTCH AND 2 CENTRIFUGAL PUMPS 12 42TMM x 12 50TMM. BY VEE BELT THE 10BHP SET DRIVES DOMESTIC F.W. PUMP BY CLUTCH.

re approved plans forwarded herewith for Shafting Receivers Separate Tanks

l Vibration characteristics if applicable been approved Armature shaft Drawing No.

EAR AS PER RULE REQUIREMENTS.

The foregoing is a correct description,

CANTIERE NAVALE PELLEGRINO

Il Direttore

(doff. ing. Enrico Simacchi)

Manufacturer.

Signature



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003357-003368-0105

Dates of Survey while building { During progress of work in shops - - } ✓
 { During erection on board vessel - - } VARIOUS.
 Total No. of visits SIX.

Dates of Examination of principal parts—Cylinders ✓ Covers ✓ Pistons ✓ Piston rods ✓

Connecting rods ✓ Crank and Flywheel shafts ✓ Intermediate shafts ✓

Crank shaft { Material ✓ Tensile strength ✓
 Elongation ✓ Identification Marks ✓

Flywheel shaft, Material ✓ Identification Marks ✓

Identification marks on Air Receivers ✓

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.) THESE SETS HAVE BEEN INSTALLED IN THE VESSEL UNDER SPECIAL SURVEY AND TESTED UNDER WORKING. THEY ARE ELIGIBLE IN MY OPINION TO BE INCLUDED IN THE LMC RECORD FOR T

(MADE AND PRINTED IN ENGLAND)
 Surveys are requested not to write on or below the space for Committee Minute.)

INCLUDED IN REP. 46.
 The amount of Fee ... £ : : When applied for 19
 Travelling Expenses (if any) £ : : When received 19

Committee's Minute FRIDAY 1 OCT 1954

Signed See Rep. 46.



J. J. Butler
 Surveyor to Lloyd's Register of SH

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