

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. _____

Received at London Office _____

Date of writing Report _____ 19 _____ When handed in at Local Office _____ 19 _____ Port of _____

No. in Survey held at _____ Date, First Survey 25/8/51 Last Survey _____ 19 _____
Reg. Book. _____ Number of Visits _____

2362 on the Single Screw vessel Agamemnon Tons Gross 7278
Triple Net 6506
Quadruple

Built at Belfast By whom built Workman Clark 1928 Ltd Yard No. _____ When built 1928

Owners Ocean S.S. Co. Ltd Port belonging to Liverpool

Oil Engines made at Copenhagen By whom made Abt. Burmeister & Wain Contract No. _____ When made _____

Generators made at Norwich By whom made Lawrence Scott Contract No. _____ When made _____

No. of Sets 3 Engine Brake Horse Power _____ M.N. as per Rule _____ Total Capacity of Generators 570 Kilowatts.

Set intended for essential services _____

OIL ENGINES, &c.—Type of Engines B & V 2 or 4 stroke cycle _____ Single or double acting _____

Maximum pressure in cylinders _____ Diameter of cylinders 316 Length of stroke 470 No. of cylinders 4 No. of cranks 4

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

Is there a bearing between each crank _____ Moment of inertia of flywheel (16 m² or Kg.-cm.²) _____ Revolutions per minute 300

Flywheel dia. _____ Weight _____ Means of ignition _____ Kind of fuel used _____

Crank Shaft, dia. of journals _____ as per Rule _____ as fitted 204 Crank pin dia. 204 Crank Webs _____ Mid. length breadth _____ Thickness parallel to axis _____
Mid. length thickness _____ Thickness round eye-hole _____

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

Are means provided to prevent racing of the engine when declutched _____ Means of lubrication _____ Kind of damper if fitted _____

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

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

Lubricating Oil Pumps, No. and size _____

Air Compressors, No. 3 No. of stages 2 Diameters 322, 282 Stroke 260 Driven by Aux. Engines

Scavenging Air Pumps, No. _____ Diameter _____ Stroke _____ Driven by _____

AIR RECEIVERS:—Have they been made under Survey _____ State No. of Report or Certificate _____

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

Can the internal surfaces of the receivers be examined _____ What means are provided for cleaning their inner surfaces _____

Is there a drain arrangement fitted at the lowest part of each receiver _____

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

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

Starting Air Receivers, No. _____ Total cubic capacity _____ Internal diameter _____ thickness _____

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

ELECTRIC GENERATORS:—Type _____

Pressure of supply 220 volts. Full Load Current Each 772 Amperes. Direct or Alternating Current Direct

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

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

Are all terminals accessible, clearly marked, and furnished with sockets _____ Are they so spaced _____

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

Do the generators are under 100 kw. full load rating, have the makers supplied certificates of test _____ and do the results comply with the requirements _____

Do the generators are 100 kw. or over have they been built and tested under survey _____

Give details of driven machinery other than generator _____

SHAFTS.—Are approved plans forwarded herewith for Shafting _____ Receivers _____ Separate Tanks _____
(If not, state date of approval)

Have Torsional Vibration characteristics if applicable been approved _____ Armature shaft Drawing No. _____
(state date of approval)

SEPARATE GEAR _____

The foregoing is a correct description,

Manufacturer.



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