

4c.

# REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. ....

Received at London Office

Rule of writing Report 19 When handed in at Local Office 19 Port of

Survey held at Date, First Survey Last Survey 19

Number of Visits

on the <sup>Single</sup> Twin <sup>Triple</sup> Screw vessel MS "AGAMEMNON" Tons <sup>Gross</sup> <sub>Net</sub>

at By whom built Yard No. When built

Engines made at By whom made M.H. Allen, Sons & Co. Ltd. Serial K2/77241/1 Contract No. When made 1951

Generators made at By whom made Contract No. When made

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

intended for essential services

ENGINES, &c.—Type of Engines 2 or 4 stroke cycle 4 Single or double acting SA

Maximum pressure in cylinders Diameter of cylinders 325 Length of stroke 370 No. of cylinders 5 No. of cranks 5

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

Are there a bearing between each crank Moment of inertia of flywheel (16 m<sup>2</sup> or Kg.-cm.<sup>2</sup>) Revolutions per minute

Wheel dia. Weight Means of ignition Kind of fuel used

Crank Shaft, dia. of journals as per Rule 230 as fitted Crank pin dia. 205 Crank Webs Mid. length breadth 306 Thickness parallel to axis shrunk Mid. length thickness 88 Thickness round eyehole

Wheel Shaft, diameter as per Rule Intermediate Shafts, diameter as per Rule General armature, moment of inertia (16 m<sup>2</sup> or Kg.-cm.<sup>2</sup>)

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

Is the sea suction provided with an efficient strainer which can be cleared within the vessel

Lubricating Oil Pumps, No. and size

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

Engining Air Pumps, No. Diameter Stroke Driven by

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

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

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

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

Material Range of tensile strength Working pressure by Rules

Engining Air Receivers, No. Total cubic capacity Internal diameter thickness

Material Range of tensile strength Working pressure by Rules

ELECTRIC GENERATORS:—Type

Voltage of supply volts Full Load Current Amperes Direct or Alternating Current

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

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

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

Are generators are 100 kw. or over have they been built and tested under survey

Are there any other driven machinery other than generator generators only

Are approved plans forwarded herewith for Shafting Receivers Separate Tanks

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

RE GEAR

The foregoing is a correct description,

Manufacturer.



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