

16743.

FIRST ENTRY REPORT ON AUXILIARY INTERNAL COMBUSTION ENGINES

Ship OSTRAVA. Owners.....
 at No. if name unknown). (Or Consignees)
 at Pula, Yugoslavia ✓ by Brodogradiliste Uljanik ✓ when..... Yard No. 220 ✓
 Engines ~~xx six Turbines~~ made at Holeby ✓ by Burmeister & Wain ✓ when 1957 ✓ Eng. Nos. 6756-57-58 ✓
 of sets and description (including type name) 3 off B & W-DM 620 MTBH-30, Turbocharged, heavy oil, trunk piston ✓
 solid injection ✓

AL COMBUSTION RECIPROCATING ENGINES.

No. of cylinders per engine... 6 ✓ Dia. of cylinders... 205 mm ✓ Stroke... 300 mm ✓
Stroke cycle... 4 ✓ Maximum approved BHP... 300 ✓ at... 600 ✓ RPM Corresponding MIP... 9.1 kg/cm² ✓ Maximum pressure... 60 kg/cm² ✓
heavy oil ✓ Are cylinders arranged in Vee or other special formation? No ✓
Is engine of opposed piston type? No ✓ No. and type of mechanically driven scavenge pumps or blowers...
No. of exhaust gas driven blowers or superchargers per engine... 1 ✓ Is welded construction...
Bedplate? no ✓ Entablature? no ✓ Total internal volume of crankcase (if 20 cu. ft. or over)... 1.50 m³ ✓ No. and total area of
explosion relief devices... 2 ✓ 362 cm² ✓ Are flame guards or traps fitted? yes ✓ Cooling medium for: Cylinders... fresh water ✓
No. of attached pumps: F.W. cooling... none ✓ S.W. cooling... none ✓ Lubricating oil... 1 ✓ How is engine started? By...
compressed air ✓

ING. Is a damper or detuner fitted? No. No. of main bearings..... 7. Are bearings of ball or roller type? No. Distance between
ges of bearings in way of cranks..... 264 mm. Crankshaft: Built, semi-built, sublt Material of crankshaft..... SM-steel. Approved
n tensile strength..... 44 kg/mm². Dia. of pins..... 135 mm. Journals..... 135 mm. Breadth of webs at mid throw..... 232 mm. Axial
is..... 76 mm. If shrunk, radial thickness around eyeholes..... 63 mm. ~~WD2~~ of flywheel..... 800 kgm². ~~WD2~~ Are balance
fitted? yes. Total weight..... 8,49 kgm². ~~WD2~~ ~~WD2~~ ~~WD2~~
h engine been tested in shop? yes. How long at full power? 6 hours. Was it tested with driven machinery attached? no. Was the
ng tested and found satisfactory? yes. Date of approval of torsional vibration characteristics (for engines of 150 BHP and over)..... 5/11-57
approval of shafting..... 5/11-57 Identification marks on shafting..... Lloyd's Cpn. Nos. 3366-67-68 E.L. 4/12-57 (394)
~~index of driven machinery~~

d No. of Certificate for Starting Air Receivers

~~PARTIAL GAS TURBINES~~ BHP per set..... At..... RPM of output shaft. Open or closed cycle?.....

ement of turbines. HP drives..... at..... RPM HP gas inlet temp..... pressure.....
IP " at..... " IP " " " " " " "
LP " at..... " LP " " " " " " "

diagram should be showing gas cycle)

air compressors per set..... Centrifugal or axial flow type?..... Material of turbine blades.....

al of compressor blades..... No. of air coolers per set..... No. of heat exchangers per set..... How are
s started?..... Are the turbines operated in conjunction with free piston gas generators?.....

No. of free piston gas generators..... Dia. of working pistons..... Dia. of compressor pistons..... No. of double strokes.....

nute at full power..... Gas delivery pressure..... Gas delivery temperature.....

he turbines and attached equipment been tested in shop?..... How long at full power?..... Were they tested with driven machinery.....

d?..... Particulars of gearing.....

f approval of plans..... Identification marks..... Particulars of driven machinery.....

IRIC GENERATORS. Port and No. of Certificate for generators of 100 Kw. and over.....
 generators under 100 Kw., has Makers' Certificate been obtained?..... Are Certificates attached?.....

regional description is correct and the particulars are as approved for torsional vibration characteristics (strike out words not applicable)

BURMEISTER & WAIN'S MASKIN-OG SKRIBBYGGERI

Manufacturer

machinery duplicate of a previous case? no ~~if so which?~~

GENERAL REMARKS. State if the machinery has been constructed under special survey in accordance with the Rules, approved plans and Secretary's letters. quality of materials and workmanship. Where existing machinery is submitted for classification the circumstances should be explained as fully as possible.

heavy oil engines have been constructed under special survey in accordance with the Rules, approved plans and Secretary's letters.

material has been tested as required by the Rules and the workmanship is good.

y Fee kr. 1590.-
 ses kr. 210.-
 when a/c rendered.

13/1 1958

K. Hansen
 Engineer Surveyor to Lloyd's Register

ration to be signed by Surveyor at fitting-out Port:— The above described machinery has been fitted on board the
PULA - YUGOSLAVIA in a proper manner and found satisfactory when tested on the (date) 26. 2. 59 under full working conditions.

Engineer Surveyor to Lloyd's Register

011834 - 011843 - 0019