

List of Spare Gear

for

M/S. "A a s e M a r s k" of Nyborg.

Odense Staalskibsvarft's Yard No. 41.

Burmeister & Wain's Engine No. 1830.

Main engine:-

- 1 cylinder cover with studs with nuts, screws & caps.
- 1 set studs with nuts for one cylinder cover.
- 1 cylinder liner.

- 7 oil fuel injection valves complete.
- 9 spindles for do.
- 9 mouth-pieces.
- 1 overflow-valve.
- 3 atomizer-cones.
- 3 ball-bolts with nuts.
- 6 springs.
- 1 guide-roller with shaft & ball-bearing.
- 12 bursting caps.

- 2 air inlet valves complete.
- 2 spindles for do.
- 1 guide roller with shaft.
- 2 ball-bolts with nuts.
- 6 springs.
- 6 do.

- 6 exhaust valves complete.
- 3 spindles for do.
- 6 valve discs.
- 3 mouth-pieces.



© 2020

Lloyd's Register
Foundation

002352-002361-0112 16

2.

- 3 steel nuts for valve spindles.
- 1 guide roller with shaft for valve lever.
- 3 ball-bolts with nuts.
- 6 springs.
- 6 do.
- 3 thermometer pieces for cooling water.
- 6 springs for easing gear.

- 1 starting air valve complete.
- 6 spindle-rings.
- 2 ball-bolts with nuts.
- 8 bursting caps for starting air.
- 6 springs.
- 6 do.

- 1 cylinder escape valve complete.
- 6 escape valve springs.

- 1 piston with trunk pin and rings.
- 40 piston rings.
- 4 scrape rings.
- 1 scrape ring with spring for piston rod.
- 1 telescopic pipe with flange and packing ring.
- 1 pair of crank pin brasses.
- 2 crank pin bolts with nuts.
- 1 pair of crosshead brasses.
- 1 pair of main bearing brasses.
- 2 main bearing studs with nuts.
- 12 coupling bolts with nuts for crank shaft.

Main air compressor:-

- 1 pair of crank pin brasses.
- 2 crank pin bolts with nuts.

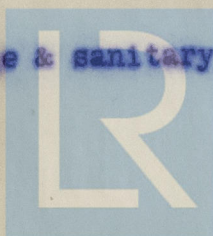


© 2020

Lloyd's Register
Foundation

3.

- 1 pair of main bearing brasses.
- 2 main bearing studs with nuts.
- 4 L.P. piston rings.
- 5 M.P. " "
- 7 H.P. " "
- 1 M.P. scrape ring.
- 1 H.P. " "
- 5 L.P. suction valves.
- 4 L.P. discharge "
- 1 M.P. suction valve.
- 1 M.P. discharge "
- 1 H.P. suction "
- 1 H.P. discharge "
- 10 L.P. suction valve springs.
- 8 M.P. suction & discharge & L.P. discharge valve springs.
- 4 H.P. suction & discharge valve springs.
- 1 H.P. air cooling coil with flange & union.
- 1 safety valve spring for L.P. air cooler.
- 1 safety valve spring for M.P. air cooler.
- 1 " " " " H.P. valve system.
- 1 " " " " the starting air receiver.
- 6 rams for the oil fuel pressure pump.
- 1 suction valve.
- 1 delivery "
- 6 suction valve springs.
- 6 delivery " "
- 1 safety " "
- 2 links for the camshaft chain drive.
- 1 cranked link for do.
- 1 suction valve for the bilge & sanitary pump.
- 1 discharge valve for do.
- 1 escape valve spring.



© 2020

Lloyd's Register
Foundation

3/6

4.

- 1 complete set of all springs used.
- 1 " " " " packings used.
- 1 length of pipe of each dimension used for oil fuel, injection and starting air.
- Sundry flanges and unions, bolts and studs with nuts, thermometers, packing material, valve spindles &c.
- 1 propeller shaft with brass liner, nut and key.
- 10 coupling bolts with nuts for the intermediate shafts.
- 1 cast iron propeller.
- 1 suction valve complete for the ballast pump.
- 1 discharge " " " " " "
- 2 ball bearings.
- 1 escape valve spring.
- $\frac{1}{2}$ set valves with springs for the bilge & sanitary pump.
- 1 escape valve spring.
- 2 ball bearings for the cooling water pump.
- 1 " " " " lubricating oil pump.
- 1 escape valve spring.
- 2 escape valve springs for the fuel oil transfer and spare lubricating oil pumps.
- 1 fuel oil filter.
- 1 lubricating oil filter.

Auxiliary Diesel Engines.

- 1 cylinder with liner.
- 1 set studs with nuts for one cylinder cover.
- 2 air inlet valves complete.
- 4 spindles for do.
- 3 exhaust valves complete.
- 4 spindles for do.
- 2 exhaust valve chests, raw.



© 2020

Lloyd's Register
Foundation

4/6

- 4 spindles, rough forged.
- 6 exhaust valve discs.
- 2 starting air valves complete.
- 6 spindles for do.
- 4 oil fuel injection valves complete.
- 1 spindle for do.
- 3 valve seats.
- 2 guide rollers with shafts for valve lifting gear.
- 1 cylinder escape valve.
- 1 piston.
- 1 trunk pin.
- 18 piston rings.
- 3 scrape rings.
- 1 pair of crank pin brasses with bolts and nuts.
- 1 connecting rod top end bush.
- 2 pair of main bearing brasses.
- 2 main bearing studs with nuts.
- 1 piston for the oil fuel pressure pump.
- 1 crosshead for do.
- 1 suction valve for do.
- 1 delivery valve for do.
- 3 packing rings for do.
- 1 non-return valve for the oil fuel distributor.
- 1 complete set of all springs used.

Auxiliary air compressors.

- 1 pair of crank pin brasses with bolts.
- 2 connecting rod top end bushes.
- 4 L.P. piston rings.
- 5 M.P. " "
- 2 M.P. scrape rings.
- 14 H.P. piston rings.
- 2 H.P. scrape rings.
- 2 L.P. suction valves.



© 2020

Lloyd's Register
Foundation

5/6

6.

1 L.P. delivery valve.

1 M.P. suction valve.

1 M.P. delivery valve.

1 H.P. suction "

1 H.P. delivery "

9 brush holders for dynamos.

18 coal brushes for do.

1 set of coal brushes for each size of electromotor used.

$\frac{1}{2}$ set of brush holders " " " " " "

1 armature for the 30 H.P. electromotor for cooling water and lubricating oil pumps.

1 ball bearing for each size of electromotor used.

1 armature for the steering gear electromotor.

1 set carbon brushes for do.

1 set brush holders for do.

2 feed check valves for donkey boilers.

2 safety valve springs for do.

1 set suction & discharge valves for the fuel pumps.

1 ordinary set of spare gear for the oil firing unit.

1 set of suction & discharge valves for the boiler oil fuel transfer pump.

$\frac{1}{2}$ set of valves for each of the cargo oil pumps.

1 set of valves for the cargo oil stripping pump.

1 " " " " " oil fuel transfer pump in the forward pump room.

1 set of valves for the bilge and ballast pump in the forward pump room.

5% of the tubes in the condenser and 15 screw ferrules.

Water gauge glasses, packing material, lock stays, stay tubes and plain tubes.



© 2020

Lloyd's Register
Foundation

6/6

M/s Aase Marsh
 Spr. Rpt. No. 8362

.3

.evlav yrevleed .P.H.I
 .evlav noitjua .P.H.I
 .evlav yrevleed .P.H.I
 " noitjua .P.H.I
 " yrevleed .P.H.I

.somauyd tot arebldon nauvd
 .ob tot senauvd laoc 81

.deav totomortsele to ezia nase tot senauvd laoc to jee I
 " " " arebldon nauvd to jee I
 .P.H. of end tot etutjua I
 .quuq llo gultjactidul

.deav totomortsele to ezia nase tot gultjactidul
 .totomortsele treg gultjactidul end tot etutjua I

.ob tot senauvd noitjua jee I
 .ob tot arebldon nauvd jee I

.arebldon yeknob tot senauvd xeno deav I
 .ob tot agultjua evlav yteljua S

.quuq senut end tot senauvd agultjactidul & noitjua jee I
 .jluu gultjactidul llo end tot treg etjua to jee ytanbldo I
 .evlav llo tellod end tot senauvd agultjactidul & noitjua to jee I

.quuq tetanauvt

.quuq llo ogtes end to nase tot senauvd to jee I
 .quuq gultjactidul llo ogtes end tot senauvd to jee I
 .deav tot llo quuq tetanauvt senut llo " " " " I

.moor tot
 .quuq
 .deav tot llo quuq tetanauvd deav agultjactidul end tot senauvd to jee I

.evlav tot weta 81 deav tetanauvd end to deav end to 81
 .deav yeta, yeta xool, tetanauvd gultjactidul, tetanauvd agultjactidul
 .deav nislq deav

489.6
 163.2
 2

489.6
 163.2
 2

e/c