

M/S. "PETER MÆRSK" of Copenhagen.

Odense Staalskibsværft's Yard No. 45

Burmeister & Wain's Engine No. 1986.

List of Spare Gear.

Main engine.

- 1 cylinder bottom end cover with studs & nuts, screws & caps.
- 1 cylinder top end " " " " " "
- 1 set studs with nuts for the valves of one cylinder.
- 4 oil fuel injection valves complete for top.
- 4 " " " " " " bottom.
- 4 + 4 spindles with guides.
- 18 + 18 atomizers with jackets.
- 9 + 9 springs.
- 9 + 9 white metal packings.
- 1 starting valve complete for top.
- 1 do. " " bottom.
- 1 + 1 spindles complete with rings, pistons &c.
- 9 + 9 springs.
- 9 + 9 bursting caps with rubber packing rings.
- 1 safety valve complete for top.
- 1 do. " for bottom.
- 9 + 9 springs.
- 1 + 1 seats.
- 1 + 1 discs.
- 1 piston complete with rings, rod and nut.
- 1 piston top end.
- 30 piston rings.
- 6 scrape rings.



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2.

2 telescopic pipes with stuffing box with white metal packing.

12 packing rings in 4/2 for piston rod stuffing box.

4 scrape rings in 4/2 for do.

1 scrape ring in 3/3 for scrape stuffing box.

1 " " in 3/3 with ring for spring.

1 exhaust piston valve with rings, top end.

1 " " " " " " , bottom end.

12 piston valve rings.

8 do. in 4/2.

4 scrape rings.

2 telescopic pipes with stuffing box.

1 pair of crank pin brasses with bolts and nuts.

1 crank pin upper brass.

2 pairs of crosshead brasses with bolts and nuts.

1 pair of main bearing brasses.

2 main bearing studs with nuts.

10 + 10 coupling bolts with nuts for crank shaft.

Piston valve motion gear.

1 pair of crank pin brasses with bolts & nuts.

2 connecting rod top end bushes.

2 pair of main bearing brasses.

1 pair of main bearing brasses for guide bearing.

2 main bearing studs with nuts.

8 coupling bolts with nuts.

2 chain links for piston valve gear.

2 " " " camshaft gear.

2 " " " indicator gear.

Oil fuel injection pumps.

9 rams with sleeves.

12 top end covers.

1 guide roller with shaft.

2 gauge valves with springs, spindles &c.



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3.

9 valve springs.

9 + 9 springs for motion gear.

4 6/15 m/m steel pipe complete from pump to distributor.

8 4/11 m/m " " " " distributor to filter.

Oil fuel supply pump.

2 filter baskets.

12 springs for governing lever.

2 valves.

Scavenging air blower.

1 upper shaft with rotors, spur wheels and pins with nuts.

1 lower " " " " " " " " " "

1 radial roller bearing for centre main bearing.

1 axial " " " " " " " " " "

16 + 3 + 6 + 2 springs.

1 + 1 roller bearings for shafts.

10 chain links for the chain drive.

Sundry.

1 set of all springs used.

1 length of 3" pipe with flanges.

1 " of 2 1/4" " " " "

1 " of 3/4" starting air pipe.

1 " of 1/2" " " " "

Flanges, unions, bolts and screws with nuts, packings and packing material.

Auxiliary Diesel engines.

1 cylinder complete with stuffing box and rings.

set studs with nuts for one cylinder cover.

oil fuel injection valves complete.

liners with spindles.

atomizers complete.

springs.



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4.

- 2 filters complete.
- 18 packing rings.
- 3 packs of cleaning needles.
- 4 exhaust valves complete.
- 3 spindles.
- 1 guide roller with shaft.
- 3 + 3 springs.
- 1 starting valve complete.
- 2 spindles.
- 2 springs.
- 1 cylinder escape valve complete.
- 1 spindle.
- 1 seat.
- 3 springs.
- 2 pistons with gudgeons pins and rings complete.
- 18 piston rings.
- 1 pair of crank pin brasses with bolts & nuts.
- 1 connecting rod top end bush.
- 1 pair of main bearing brasses.
- 2 main bearing studs.
- 4 chain links for the camshaft motion.
- 1 filter basket for lubricating oil.
- 4 rams for oil fuel pressure pump.
- 1 guide roller with shaft.
- 2 + 2 springs.
- 2 pipes complete from pump to injection valve.
- 6 springs for governing lever.
- 2 filter baskets.
- 5 ball bearings for governor.
- 1 spring.



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Scavenging air blowers.

- 1 roller bearing.
- 1 + 2 ball bearings.
- 2 axial ball bearings.

Sundry.

- 1 set of springs for one motor.
- 1 length of each size of pipes with flanges & unions.
- Packing and packing material.

Manoeuvring air compressors.

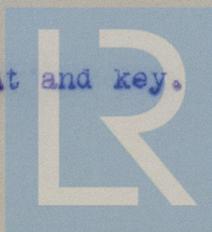
- 5 H.P. piston rings.
- 4 L.P. " "
- 2 H.P. scrape rings.
- 2 H.P. suction valves complete.
- 2 H.P. " " springs.
- 2 springy plates.
- 1 H.P. delivery valve complete.
- 2 H.P. delivery valve springs.
- 2 springy plates.
- 2 L.P. suction valves complete.
- 2 L.P. suction valve springs.
- 2 springy plates.
- 2 L.P. delivery valves complete.
- 2 L.P. delivery valves springs.
- 2 springy plates.
- 1 safety valve spring, 27 Atm.
- 1 " " " , 7 "

Engine driven bilge & sanitary pump.

- ½ set of valves with seats.
- 1 escape valve spring.

Shafting.

- 1 propeller shaft with liner, nut and key.



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6.

10 intermediate shaft coupling bolts.

1 cast iron propeller.

Cooling water pumps.

2 ball bearings.

Lubricating oil pumps.

1 set of cog wheels with shafts.

1 roller bearing.

1 escape valve spring.

Lubricating oil cooler.

60 tubes, 8 x 11 x 1550 m/m.

2 filter baskets with wire gauze.

Oil fuel transfer pump.

1 set of cog wheels with shaft.

1 shaft.

1 escape valve spring.

1 filter basket.

1 safety valve spring for starting air receiver.

1 " " " " emergency " "

Lubricating oil purifier.

1 endless belt.

1 set carbon brushes.

1 set brush holders.

Donkey boiler.

1 safety valve spring.

1 " " disc.

3 water gauge glasses.

1 set of valves for the feed pump.



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Electric installation:-

1 armature)	for each of the following
1 set of carbon brushes)	electromotors:- lubricating
$\frac{1}{2}$ set of brush holders)	oil pump, cooling water pump,
)	bilge & sanitary pump, oil fuel
)	transfer pump, engine turning
)	gear.
2 sets of carbon brushes)	for each size of generator
$\frac{1}{2}$ set of brush holders)	(66 & 100 kwts.)
1 armature complete with shaft & commutator.)	
1 set of carbon brushes.)	
$\frac{1}{2}$ set of brush holders.)	
1 set of contact pieces for controller.)	for windlass.
20 resistance elements. " ")	
1 set contact fingers. " ")	
1 armature.)	
1 set of carbon brushes.)	for steering gear.
1 set of brush holders.)	
1 set of contact fingers for controller.)	
8 carbon brushes.)	
4 brush holders.)	
1 set of contact fingers for controller.)	for cargo winches.
1 set of contact pieces " ")	
20 resistance elements.)	
1 ball bearing for transformer for light.)	



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