

M/S. "S a n t a I n e z".

A/S. Burmeister & Wain's Yard No. 552.

" " Engines Nos. 1506 - 7.

List of Spare Gear.

Main engines:-

2 cylinder covers with studs, nuts & caps.  
2 cylinder liners.  
2 cylinder water jackets.  
2 set studs with nuts for one cylinder cover.  
10 oil fuel injection valves complete.  
10 spindles for do.  
10 nozzles for do.  
6 over-flow valve spindles.  
12 bursting caps.  
4 air inlet valves complete.  
2 spindles for do.  
18 exhaust valves complete.  
6 spindles for do.  
6 thermometer pieces.  
4 starting valves complete.  
12 bursting caps.  
6 rollers with shafts for valve lifting gear.  
1 cylinder escape valve complete.  
2 pistons complete with rings.  
96 piston rings (for 4 pistons).



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2.

12 scrape rings (for 4 pistons),  
1 telescopic pipe with flange & gland for piston cooling.  
1 scrape ring with spring for piston rod.  
4 connecting rod bottom end brasses with bolts and nuts.  
2 pair of connecting rod top end brasses with bolts and nuts.  
2 pair of main bearing brasses.  
4 main bearing studs with nuts.  
20 coupling bolts with nuts for crank shaft.  
10 links for the camshaft chain drive.  
2 rams with bushes for the oil fuel pressure pump.  
2 suction valves for do.  
2 discharge valves for do.  
2 propeller shafts with liners & nuts complete.  
2 cast iron propellers (right and left hand).  
12 coupling bolts with nuts for intermediate shafts.

Main air compressors.

18 H.P. piston rings.  
10 M.P.       "       "  
8 L.P.       "       "  
2 H.P. scrape rings.  
2 M.P.       "       "  
1 pair of main bearing brasses.  
4 H.P. suction valves complete.  
4 M.P.       "       "       "  
20 L.P.       "       "       "  
4 H.P. discharge       "       "  
4 M.P.       "       "       "



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3.

16 L.P. discharge valves complete.

4 H.P. suction valve discs.

4 M.P. " " "

20 L.P. " " "

4 H.P. discharge valve discs.

4 M.P. " " "

16 L.P. " " "

4 main bearing studs with nuts.

1 internal H.P. cooling coil complete with flange and union.

1 external H.P. " " " " " " "

One complete set of all springs used for one engine.

2 suction valves complete for bilge and sanitary pump.

2 discharge " " " " " " "

A number of assorted bolts and studs with nuts, rubber packing rings in suitable sizes and packing material.

2 ball bearings for cooling water pump.

1 roller bearing for lubricating oil pump.

1 escape valve spring for do.

22 tubes for lubricating oil cooler.

2 escape valve springs for do.

1 filter basket complete for do.

2 escape valve springs for fuel oil transfer pump.

1 filter basket for fuel oil.

2 escape valve springs for fuel oil service pump.

1 " " " " starting air receiver.

1 feed check valve for exhaust gas boiler.

1 safety valve spring for do.



4.

12 water gauge glasses for do.  
2 feed check valves for oil fired donkey boilers.  
1 safety valve spring for do.  
12 water gauge glasses for do.  
12 atomizers for oil burners.  
2 set valves for donkey <sup>feed</sup> pump.  
1 set springs for do.  
1 set pump bucket rings for do.  
1 set piston rings for do.  
10 condenser tubes.  
1 set crank pin brasses for circulating pump.  
1 set piston rings for do.  
18 valve spindles for injection air bottles.  
8 ball bearings for electromotors.  
1 armature, 2 set carbon brushes and  $\frac{1}{2}$  set brush holders for each of the following electromotors and generators:  
oil fuel transfer pump, cooling water & lubricating oil pump,  
hot salt water pump, ballast pump, bilge pump, fresh water pump,  
oil fuel service pump, engine turning gear, oil fuel purifier and  
100 kwts. generator.



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dest of Spare gear  
w/s Santa Inez  
Spec. Rpt. No. 7942

100 kafa. General for.  
oil they sealance pump, engine turning gear, oil they balling and  
not seal water pump, balling pump, oilge pump, clear water pump.  
oil they pump, cooling water & indicating oil pump.  
of the following ejector pumps and General for:  
I pump, 5 set carbon pump and 1 set oil pump for each  
8 ball bearings for ejector pumps.  
18 valve pump for injection oil pump.  
I set piston pump for oil.  
I set crank pin pump for oil.  
10 condenser tubes.  
I set piston pump for oil.  
I set pump pump for oil.  
I set pump for oil.  
S set valves for pump.  
15 pump for oil.  
15 water pump for oil.  
I set valve pump for oil.  
S set check valves for oil.  
15 water pump for oil.



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