

MOTOR SHIPS

NAME

PORT MAIN ENGINE	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12
Cylinders, Pistons, Rods, Valves and Gears ^{1,2}	3/63	6/64	1/62	11/63	6-61	3.62						
Connecting Rods, Top ends and Guides ³	X	X	1/62	11/63	6-61	X						
Crankpins and Bearings ⁴	X	X	10.62	11/63	X	X						
Journals and Bearings ⁵	9/61	9/61	X	X	X	10.62	10.62	X				
Compressors on Main Engine ^{6,9}							Compr. Coolers ¹⁰					
Scavenge Pumps or Blowers ¹¹⁻¹⁶ (1)	X											
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹							Gearing ²²					
Magnetic Coupling ⁷							Air Gap ⁸					
Thrust ²³	X						Intermediate Shafting ²⁴ all 6-64					
Holding Down Bolts & Chocks ²⁵	X						Crankcase Relief Devices ³¹ None Engine Tested					
Main Engine Driven Pumps ³⁰	Bilge	S.W. Cooling		F.W. Cooling		Lub. Oil (stat)	Fuel					

ELECTRIC PROPULSION

PORT

STARBOARD

Generators ¹		
Exciters ²		
Air Coolers ³		
Motors ⁴		
Air Coolers ⁵		
Control Gear ⁶		
Insulation Resistance ⁷		
Insulating Oil Test ⁸		
Overspeed Governors ⁹		

Not fitted
(NWC. etc 8/11/60)

AUXILIARY ELECTRICAL EQUIPMENT

Generators ¹	
Motors ²	
Switchboards ³	
Circuit Breakers ⁴	
Cables ⁵	
Insulation Resistance ⁶	
Steering Gear ⁷	
Navigation Light Indicators ⁸	
P. F. dyp. only 9/61.	

NAME

"COPTIC"

7E

STARBOARD MAIN ENGINE	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12
Cylinders, Pistons, Rods, Valves and Gears ^{1,2}	1/62	11-64	11/63	3.62	6-61	9/61						
Connecting Rods, Top ends and Guides ³	1/62	X	11/63	X	6-61	9/61						
Crankpins and Bearings ⁴	X	X	11/63	X	11/63	9/61						
Journals and Bearings ⁵	9/61	9/61	X	10.62	X	X	9/61	9/61				
Compressors on Main Engine ^{6,9}							Compr. Coolers ¹⁰					
Scavenge Pumps or Blowers ¹¹⁻¹⁶ (1)	3/63											
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹							Gearing ²²					
Magnetic Coupling ⁷							Air Gap ⁸					
Thrust ²³	X						Intermediate Shafting ²⁴ all 6-64					
Holding Down Bolts & Chocks ²⁵	X						Crankcase Relief Devices ³¹ None, but being converted 10/60. Engine Tested 9/61.					
Main Engine Driven Pumps ³⁰	Bilge	S.W. Cooling		F.W. Cooling		Lub. Oil stat.	Fuel					

TWIN

Int. to Dams
5.1.64

Bilge (2)	P - 11/63	Ballast (1)	6-61 11/63	Fuel Transfer (2)	F - 5/64 A - 10.62	Fuel Service	
Independent Pumps ³²	3.62 (XSF) - 9/61 S.W. Cooling (3) 1MB. 6-61 out 11/63 Feed (2) (ED) - (Steam) -	Prin. Cooling (1) 6-61 AFT 10.62 P.O. - 1/62 - Centres 5/64 Cond. Circulating	Lub. Oil (3) PF - 3.02 SF - 5/64 (2) - 5/64 (1) - 5/64 F.W. Coolers ³⁵	Fuel Valve Cooling (2) P - X S - X Coolers - P - X S - X	Lub. Oil Coolers ³⁶		
Other Pumps having Bilge Connections							

Bilge, Ballast and O.F. Lines ³⁷	SAPIDERS	
Other Piping Arrgts. and Fittings ³⁸	Propellers and Sea Connections 9/61.	
Condenser ³⁹ (1)	Evaporator ⁴⁰ (1) Safety Valves ⁴¹	Steam Pipes Over 3in. Bore None.
Oil Fuel Tanks ⁴² (2)	Steering Machy. ⁴³	Oil Burning Arrgts. Gravity.
Indep. Air Compressors ⁴⁴	Windlass ⁴⁵ 11/63	Fire Ext. Arrgts. ⁴⁶
Main Air Receivers ⁴⁷	Auxiliary Air Receivers ⁴⁸ (2)	Comp. Coolers 9/61.

AUXILIARY ENGINES	P.F.	P.A.	SF	SA.	12Kw Emergency O.E.	Emergency Compression
4 - 6 cyl. @ 275KW.	Renew 11/63	10.62				
1 - O.E. Emergency 12KW.						
1 - Steam exp. compressor emergency.	350KW		X	X	X	X
1 - 350KW	REMOVED FROM SHIP 7.65					
AUX						
AUX						
AUX						

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