

ELECTRIC PROPULSION	PORT	STARBOARD
GENERATORS		
EXCITERS		
AIR COOLERS		
MOTORS		
AIR COOLERS		
CONTROL GEAR		
INSULATION RESISTANCE		
INSULATING OIL TEST		
OVERSPEED GOVERNORS		

MAGNETIC COUPLINGS & AIR CAPS	
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MINIMUM NUMBER OF GENERATORS REQUIRED
FOR ESSENTIAL SERVICES

MOTOR SHIP SURVEYS

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 & GEARS												
CONNECTING RODS, TOP ENDS & GUIDES												
CRANKPINS & BEARINGS												
JOURNALS & BEARINGS												
SCAVENGE PUMPS												
SCAVENGE BLOWERS	COMPRESSORS ON MAIN ENGINE				COMPR. COOLERS							
SUPERCHARGER	CLUTCH OR COUPLING				GEARING							
THRUST	INTERMEDIATE SHAFTING											
HOLDING DOWN BOLTS & CHOCKS	CRANKCASE RELIEF DEVICES				ENGINE TEST							
MAIN ENGINE DRIVEN PUMPS	BILGE	S.W. COOLING		F.W. COOLING		LUB. OIL		FUEL				

AUXILIARY ELECTRICAL EQUIPMENT

GENERATORS	CABLES
MOTORS	INSULATION RESISTANCE
SWITCHBOARDS	STEERING
CIRCUIT BREAKERS	NAV. LIGHT. INDICATORS

AUXILIARY ENGINES

NUMBER & DESCRIPTION	P.A.	P.F. out.	P.F. in/bd
3 - 230 kW		Nº2. 6.63 8/64	
INDEPENDENT PUMPS FOR AUX. ENGINES			

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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 & GEARS		8/64		6.63	6.63			8/64											
CONNECTING RODS, TOP ENDS & GUIDES		6.63	8/64					8/64	6.63										
CRANKPINS & BEARINGS																			
JOURNALS & BEARINGS	8/64		6.63		8/64		6.63												
	8/64	8/64	8/64							6.63	6.63								
SCAVENGE PUMPS																			
SCAVENGE BLOWERS (3) F 8/64 C 6.63 A	COMPRESSORS ON MAIN ENGINE				COMPR. COOLERS														
SUPERCHARGER	CLUTCH OR COUPLING				GEARING														
THRUST	INTERMEDIATE SHAFTING Nº2 shaft 12.5 hp. Nº3 shaft (4.5 hp) 8/64																		
HOLDING DOWN BOLTS & CHOCKS	CRANKCASE RELIEF DEVICES				ENGINE TEST														
MAIN ENGINE DRIVEN PUMPS	BILGE (2)	S.W. COOLING		F.W. COOLING		LUB. OIL		FUEL											
INDEPENDENT PUMPS	BILGE (1)	BALLAST (1)		FUEL TRANSFER (1)		FUEL PRIMING SURCHARGE													
	S.W. COOLING (1) 8/64	F.W. COOLING (1) S. 6.63		LUB. OIL (2) S. out. 6.63		FUEL VALVE COOLING (2)													
	FEED (2) SS S. out. 6.63 S IN 8/64	GENERAL SERVICE (1)		F.W. COOLERS (1)		LUB. OIL COOLERS (1)													
	FORCED CIRCULATION PUMPS SS IN 8/64 OUT 8/64	OTHER PUMPS WITH BILGE CONNECTIONS																	
BILGE, BALLAST & O.F. LINES		EVAPORATOR SAFETY VALVES				PROPELLERS SEA CONNECTIONS 8/64													
OTHER PIPING ARRGTs. & FITTINGS		CONDENSER				STEAM PIPES OVER 3" BORE													
OIL FUEL TANKS		OIL BURNING SYSTEM				STARTING AIR PIPES													
STEERING MACHINERY		WINDLASS				FIRE EXT. SYSTEM													
INDEP. AIR COMPRESSORS (4) 2-ED - S. out 8/64 1 melted 1 Diesel						COMPR. COOLERS S. out 8/64													
MAIN AIR RECEIVERS (2) S. out. 8/64						AUXILIARY AIR RECEIVERS (1)													