

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

ONE - 20KW

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				

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

AUXILIARY ENGINES			
NUMBER & DESCRIPTION	STEAM 20KW	STEAM 22KW	DIESEL 22KW
	S.A	P.O	P.I.
1-STEAM 20KW.			
1-STEAM 22KW.			
1-DIESEL 22KW & COMP.			
INDEPENDENT PUMPS FOR AUX. ENGINES			

Name GEORGIOS MANOLAKIS 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 & GEARS		10/66										
CONNECTING RODS, TOP ENDS & GUIDES		10/66										
CRANKPINS & BEARINGS		10/66										
JOURNALS & BEARINGS		10/66	10/66	10/66								

SCAVENGE PUMPS ①												
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 ①	S.W. COOLING ①		F.W. COOLING ①		LUB. OIL ①		FUEL				

INDEPENDENT PUMPS	BILGE ①	BALLAST ② (IN FORE PEAK) (IN ER.)	FUEL TRANSFER ② F.O. B.O.	FUEL PRIMING SURCHARGE
	S.W. COOLING	F.W. COOLING ①	LUB. OIL ①	FUEL VALVE COOLING
	FEED ②	GENERAL SERVICE ①	F. W. COOLERS ④	LUB. OIL COOLERS ①
	FORCED CIRCULATION PUMPS		OTHER PUMPS WITH BILGE CONNECTIONS	

BILGE, BALLAST & O.F. LINES	EVAPORATOR SAFETY VALVES ①	PROPELLERS SEA CONNECTIONS
OTHER PIPING ARRGTs. & FITTINGS	CONDENSER ①	STEAM PIPES OVER 3" BORE YES-STEEL
OIL FUEL TANKS YES	OIL BURNING SYSTEM 2 PRESSURE UNITS	STARTING AIR PIPES
STEERING MACHINERY	WINDLASS	FIRE EXT. SYSTEM
INDEP. AIR COMPRESSORS ① STEAM DRIVEN ① AUX. ENG. DRIVEN		COMPR. COOLERS
MAIN AIR RECEIVERS ② P. Ind - 9.65 f		AUXILIARY AIR RECEIVERS