

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

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	STAR ^W FWP 12.64 STAR ^W AFT 1.66	CABLES
MOTORS		INSULATION RESISTANCE
SWITCHBOARDS		STEERING
CIRCUIT BREAKERS		NAV. LIGHT. INDICATORS

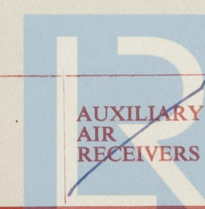
AUXILIARY ENGINES

NUMBER & DESCRIPTION	Steam S.F.	Oil S.A.		
1 Steam @ 30 Kw	12.64	1.66		
1 Oil Eng @ 30 Kw				
INDEPENDENT PUMPS FOR AUX. ENGINES				

Name 'PATELLA'

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	1.66	12.64	1.66	5/67 5/62	1.66	1.66	12.64	4/67 1.66				
CONNECTING RODS, TOP ENDS & GUIDES	5/63	1.66	12.64	5/62	5/63	12.64	1.66	5/63				
CRANKPINS & BEARINGS	5/63	12.64	12.64	5/62	5/63	12.64	1.66	5/63				
JOURNALS & BEARINGS	5/62	1.66	1.66	1.66	5/62	12.64	1.66	12.64	12.64	5/62		
SCAVENGE PUMPS												
SCAVENGE BLOWERS	COMPRESSORS ON MAIN ENGINE				COMPR. COOLERS							
SUPERCHARGER <i>all under pistons</i> 5/63	CLUTCH OR COUPLING				GEARING FD Jan 1/66 H.V. 5/63 12.64							
THRUST 1.66	INTERMEDIATE SHAFTING 5/62				ENGINE TEST 5/63							
HOLDING DOWN BOLTS & CHOCKS 5/63	CRANKCASE RELIEF DEVICES 5/63											
MAIN ENGINE DRIVEN PUMPS	BILGE ① 1.66	S.W. COOLING		F.W. COOLING ① 5/63		LUB. OIL ① 1.66		FUEL ② 5/63 BOOSTER - 12.64				
INDEPENDENT PUMPS	BILGE ② E.R. 5/63 Fwd P. Rm. 1.66	BALLAST 1/630		FUEL TRANSFER ③ IN 5/62 OUT 1.66 FOR 1.66		FUEL PRIMING SURCHARGE ① 5/63						
	S.W. COOLING ② F 5/63 5/62 5/67	F.W. COOLING ① 5/63		LUB. OIL ① 1.66		FUEL VALVE COOLING 12.64						
	FEED ② AFT 12.64 F 5/63	GENERAL SERVICE PORT 12.64		F.W. COOLERS ① 12.64		LUB. OIL COOLERS ① 12.64						
	FORCED CIRCULATION PUMPS		OTHER PUMPS WITH BILGE CONNECTIONS		H.O. heaters. F.D. and 1.66 FEED HTR 1.66							
	BILGE, BALLAST & O.F. LINES 5/63		EVAPORATOR SAFETY VALVES ① 12.64		PROPELLERS SEA CONNECTIONS 1.66							
OTHER PIPING ARRGTS. & FITTINGS		CONDENSER ① 12.64		STEAM PIPES OVER 3" BORE								
OIL FUEL TANKS 5/63		Discontin. F&A BER FUEL 12.64 PUMPS F&A HTR 1.66		STARTING AIR PIPES 5/63		SPARE GEAR 1.66						
STEERING MACHINERY 1.66		WINDLASS 12.64		FIRE EXT. SYSTEM								
INDEP. AIR COMPRESSORS Obtain 5/64 12.64 Dry 0/6 5/63				COMPR. COOLERS Steam 9/6 5/64 " 12.64								
MAIN AIR RECEIVERS ① 5/63				AUXILIARY AIR RECEIVERS		Lloyd's Regis						



Lloyd's Register
Foundation

004630-004634-0312