

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 (2)												
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.F.	P.A.	S.F.	S.A.
4 @ 330 KW.				
1 @ 25 KW.				
INDEPENDENT PUMPS FOR AUX. ENGINES	(1) F.W. Cooling pump (1) Sw. ~ ~		(1) F.W. Cooler (1) L.O. ~ ~	

Name W AIRANGI 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												
CONNECTING RODS, TOP ENDS & GUIDES												
CRANKPINS & BEARINGS												
JOURNALS & BEARINGS												
SCAVENGE PUMPS												
SCAVENGE BLOWERS (2)												
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												
BILGE (2)												
BALLAST (1)												
FUEL TRANSFER (2)												
FUEL PRIMING SURCHARGE												
S.W. COOLING (3)												
F.W. COOLING (2)												
LUB. OIL (3)												
FUEL VALVE COOLING												
FEED (2)												
GENERAL SERVICE (1)												
F.W. COOLERS (2)												
LUB. OIL COOLERS (2)												
FORCED CIRCULATION PUMPS												
OTHER PUMPS WITH BILGE CONNECTIONS												
BILGE, BALLAST & O.F. LINES												
EVAPORATOR (1) SAFETY VALVES												
PROPELLERS SEA CONNECTIONS												
OTHER PIPING ARRGTs. & FITTINGS												
CONDENSER (1)												
STEAM PIPES OVER 3" BORE												NONE
OIL FUEL TANKS (5)												
OIL BURNING SYSTEM												
STARTING AIR PIPES												
STEERING MACHINERY												
WINDLASS												
FIRE EXT. SYSTEM												
INDEP. AIR COMPRESSORS (2) Elect. (1) Steam												
COMPR. COOLERS												
MAIN AIR RECEIVERS (2)												
AUXILIARY AIR RECEIVERS (2)												