

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					
4- cyl. @ 330 kw.	P.F.	P.A.	SF	SA	Emergency
1- cyl. @ 25 kw.					
INDEPENDENT PUMPS FOR AUX. ENGINES	AUX. S.W. circ. pp. — " F.W. " — AUX. L.Oil circ. — " F.W. " —				

Name "WAIRANGA" 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	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							

INDEPENDENT PUMPS	BILGE (2) P. — S. —	BALLAST (1)	FUEL TRANSFER (2)	FUEL PRIMING SURCHARGE
	S.W. COOLING (3)	F.W. COOLING (2)	LUB. OIL (3)	FUEL VALVE COOLING
	FUEL (2) P. — S. —	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 SAFETY VALVES (1)	PROPELLERS SEA CONNECTIONS
OTHER PIPING ARRGTs. & FITTINGS	CONDENSER (1)	STEAM PIPES OVER 3" BORE <i>None on.</i>
(5) OIL FUEL TANKS	OIL BURNING SYSTEM <i>gravity</i>	STARTING AIR PIPES <i>gravity</i>
STEERING MACHINERY (2 E.D.)	WINDLASS	FIRE EXT. SYSTEM
INDEP. AIR COMPRESSORS (1 steam)		COMPR. COOLERS
MAIN AIR RECEIVERS (2)		