

MOTOR SHIP SURVEYS

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

1 @ 200 kW

TURBO BLOWER COOLER (1) :-
CIRC. WATER PUMP (1) :-

EMERGENCY FIRE PUMP (1) :-
& DRIVING O.E. (1) :-

AUX COND. CIRC. PUMP (1) :-

" " EXTRACTION P.A. (1) :-

" " AIR EJECTOR (1) :-

F.D. FAN :-

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	6CYL 200KW & AIR COMP.	6CYL 200KW & AIR COMP.	6CYL 200KW & AIR COMP.	STEAM 60KW
	P.F.	C.F.	S.F.	S.A.
3-6CYL EACH 200KW OR COMPRESSORS & P/S ENGS				
1-STEAM @ 60KW				
INDEPENDENT PUMPS FOR AUX. ENGINES	SW/FW (1)			

Name CUTRAL CO.

7E

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F.W. COOLING												
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FUEL												

BILGE (1) IN EL (5) STEAM	BALLAST/Bilge (1) EL (5) (E.D)	FUEL TRANSFER (2) D.O. H.O. B.O.	FUEL PRIMING SURCHARGE (2)
S.W. COOLING (2)	F.W. COOLING (2)	LUB. OIL (3)	FUEL VALVE COOLING (2)
FEED (2)	GENERAL SERVICE (1) EL (5) ED	F.W. COOLERS (2)	LUB. OIL COOLERS (2)
FORCED CIRCULATION PUMPS	OTHER PUMPS WITH BILGE CONNECTIONS SEE OPPOSITE.		

BILGE, BALLAST & O.F. LINES	EVAPORATOR SAFETY VALVES	PROPELLERS SEA CONNECTIONS
OTHER PIPING ARRGT. & FITTINGS	(1) CONDENSER	STEAM PIPES OVER 3" BORE
(2) OIL FUEL TANKS	HTAS OIL BURNING SYSTEM P/S (2)	STARTING AIR PIPES
STEERING MACHINERY	WINDLASS	FIRE EXT. SYSTEM
(2) By Aux Engs INDEP. AIR COMPRESSORS (1) HAND :-	P. :- S. :-	COMPR. COOLERS
MAIN AIR RECEIVERS (2)		

