

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

AUXILIARY ENGINES

NUMBER & DESCRIPTION	PF Subd. N°1	PF Subd. N°2	PF. N°3
3-6 cyl-240kw			
INDEPENDENT PUMPS FOR AUX. ENGINES	Sw/p	Kw/p	

Name Indian Reef 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	BALLAST ①	FUEL TRANSFER ①	FUEL PRIMING SURCHARGE								
	S.W. COOLING ①	F.W. COOLING ①	LUB. OIL ③	FUEL VALVE COOLING								
	FEED ①	GENERAL SERVICE ①	F.W. COOLERS ①	LUB. OIL COOLERS ②								
	FORCED CIRCULATION PUMPS		OTHER PUMPS WITH BILGE CONNECTIONS									
BILGE, BALLAST & O.F. LINES	EVAPORATOR SAFETY VALVES		PROPELLERS SEA CONNECTIONS									
OTHER PIPING ARRGTs. & FITTINGS	CONDENSER		STEAM PIPES OVER 3" BORE									
OIL FUEL TANKS	OIL BURNING SYSTEM		STARTING AIR PIPES									
STEERING MACHINERY	WINDLASS		FIRE EXT. SYSTEM									
INDEP. AIR COMPRESSORS ② elec. ① hand.	AUXILIARY AIR RECEIVERS ①		COMPR. COOLERS									
MAIN AIR RECEIVERS ①												

012705-012710-0247