

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			
3 sets @ 40KW.	OUTBD.	Centre.	INBD.
	7.63		
INDEPENDENT PUMPS FOR AUX. ENGINES			

Name ALVA CAPE **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	8.5 7/64 8/65	8/65	8/65	8/65	8.62 8/65	5.62 5.62						
CONNECTING RODS, TOP ENDS & GUIDES	8/65	8/65	8/65	8/65	7.63	8/65						
CRANKPINS & BEARINGS	8/65	8/65	8/65	8/65	7.63 5.62	8/65						
JOURNALS & BEARINGS	8/65	8/65	8/65	8/65	7.63 5.62	8/65						

SCAVENGE PUMPS	ME FO heater 7.63
SCAVENGE BLOWERS	
SUPERCHARGER	
THRUST	7.63
HOLDING DOWN BOLTS & CHOCKS	3/65 8/65
MAIN ENGINE DRIVEN PUMPS	BILGE S.W. COOLING F.W. COOLING LUB. OIL FUEL

BILGE ①	BALLAST 110m L ER	FUEL TRANSFER ②	FUEL PRIMING SURCHARGE
S.W. COOLING ②	F.W. COOLING ②	LUB. OIL ②	FUEL VALVE COOLING
FEED ②	GENERAL SERVICE ①	F.W. COOLERS ①	LUB. OIL COOLERS ②
FORCED CIRCULATION PUMPS	OTHER PUMPS WITH BILGE CONNECTIONS	PROPELLERS SEA CONNECTIONS	STEAM PIPES OVER 3" BORE
BILGE, BALLAST & O.F. LINES	EVAPORATOR SAFETY VALVES	CONDENSER	OIL BURNING SYSTEM
OTHER PIPING ARRGTs. & FITTINGS	WINDLASS	FIRE EXT. SYSTEM	COMPR. COOLERS
OIL FUEL TANKS	STEERING MACHINERY	INDEP. AIR COMPRESSORS	MAIN AIR RECEIVERS

A. for engines 5/62

005056-005060-0137