NAME ORION

MOTOR SHIPS

NAME ORION

7E

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 and Gears[1-2]												
Connecting Rods, Top ends and Guides[3]												
Crankpins and Bearings[4]												
Journals and Bearings[5]												

Compressors on Main Engine[6-9] — Compr. Coolers[10]

Scavenge Pumps or Blowers[11-16]

Supercharger[17]

Clutch or Hydraulic Coupling[21] — Gearing[22]

Magnetic Coupling[f] — Air Gap[k]

Thrust[23] — Intermediate Shafting[24]

Holding Down Bolts & Chocks[25] — Crankcase Relief Devices[31] — Engine Tested

Main Engine Driven Pumps[30]	Bilge	S.W. Cooling	F.W. Cooling	Lub. Oil	Fuel

ELECTRIC PROPULSION	PORT	STARBOARD
Generators[a]		
Exciters[b]		
Air Coolers[c]		
Motors[d]		
Air Coolers[e]		
Control Gear[f]		
Insulation Resistance[g]		
Insulating Oil Test[h]		
Overspeed Governors[i]		

AUXILIARY ELECTRICAL EQUIPMENT

Generators[l]	
Motors[m]	
Switchboards[n]	4.60 2/63
Circuit Breakers[o]	
Cables[p]	2/63
Insulation Resistance[q]	2/63
Steering Gear[r] — Navigation Light Indicators[s]	

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 and Gears[1-2]	12/59	2/63 9/60 10.56	12/58 6,57				All 12.58					
Connecting Rods, Top ends and Guides[3]		2/63 10.56	12.58	2/63 12.58		12.58	All 1,58					
Crankpins and Bearings[4]			All 1/58			2/63						
Journals and Bearings[5]				2/63	2/63				All 1,58			

Compressors on Main Engine[6-9] — Compr. Coolers[10]

Scavenge Pumps or Blowers[11-16] 2 — Journals & bearings 1,58 — Cyls, pistons To B ends 12.58

Supercharger[17]

Clutch or Hydraulic Coupling[21] — Gearing[22]

Magnetic Coupling[f] — Air Gap[k]

Thrust[23] 4.60 — Intermediate Shafting[24]

Holding Down Bolts & Chocks[25] — Crankcase Relief Devices[31] — Engine Tested 2/63 4.60

Main Engine Driven Pumps[30]	Bilge	S.W. Cooling	F.W. Cooling	Lub. Oil	Fuel

Independent Pumps[32]

Bilge	Ballast 4.60	Fuel Transfer	Fuel Service
SW Cooling (Aux. SW booking 5,57 F. SW 1,58 — 2/63 SF & SH — 12/59)	FW Piston Cooling	Lub. Oil F 1,58 A 2/63	Fuel Valve Cooling
Feed	Cond. Circulating 6,57	F.W. Coolers[35]	Lub. Oil Coolers[36] 2 A 2/63
Other Pumps having Bilge Connections			

Bilge, Ballast and O.F. Lines[33] 2/63

Other Piping Arrgts. and Fittings[34] 2/63 — Propellers and Sea Connections 12/59 PART 12.58

Condenser[26] (1) — Evaporator[42] Safety Valves[43] 1 — Steam Pipes Over 3in. Bore

Oil Fuel Tanks[41] — Oil Burning Arrgts.

Steering Machy.[44] — Windlass[45] — Fire Ext. Arrgts.[46]

Indep. Air Compressors[38] 1 small St 2 by aux :- P 2/63 — Comp. Coolers

Main Air Receivers[29] 1 2/63 — Auxiliary Air Receivers[40] 1 2/63

AUXILIARY ENGINES	Port Diesel	Star. Diesel		
2 @ 75 Kw	4.57.	6,57		
1 Steam 15 Kw	(NEW ENG ONLY) 1,58 2/63	12/59		
	Aux. SW. pips. P. & S. — 12/59			

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