NAME

MOTOR SHIPS

NAME BIDWELL

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]	
Circuit Breakers[o]	
Cables[p]	
Insulation Resistance[q]	
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]												
Connecting Rods, Top ends and Guides[3] S C												
Crankpins and Bearings[4] S C												
Journals and Bearings[5]												

Compressors on ~~Main Engine~~[6-9]	~~Compr. Coolers~~[10]
Scavenge Pumps ~~or Blowers~~[11-16] (1)	
~~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

Independent Pumps[32]

Bilge	Ballast	Fuel Transfer	Fuel Service
Cyl. Cooling	Piston Cooling	Lub. Oil	Fuel Valve Cooling
Feed	Cond. Circulating	F.W. Coolers[35]	Lub. Oil Coolers[36]
Other Pumps having Bilge Connections			

Bilge, Ballast and O.F. Lines[33]		
Other Piping Arrgts. and Fittings[34]		Propellers and Sea Connections
Condenser[36]	Evaporator[42] Safety Valves[43]	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] (2)		Comp. Coolers
Main Air Receivers[39] (2)	Auxiliary Air Receivers[40]	

AUXILIARY ENGINES				
2 STM.				

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009689-009696-0208