

NAME _____

MADELEINE

7E

STARBOARD MAIN ENGINE												No. 10	No. 11	No. 12		
Cylinders, Pistons, Rods, Valves and Gears ^{1,2}	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9							
	5.60	10.59.	8.58	7.57	6.59	12.58	2/60.	7.57	4.59	Not checked List of items sent to Palermo. 24/4/60 JMB						
Connecting Rods, Top ends and Guides ³	5.60	2/60.	12.60	6.58	12.60	4.59	6.59	4.59								
Crankpins and Bearings ⁴																
Journals and Bearings ⁵										all 12.60						
Compressors on Main Engine ^{6,9}									Compr. Coolers ¹⁰							
Scavenge Pumps or Blowers ^{11,16}	(9) low type								all 12.60							
Supercharger ¹⁷																
Clutch or Hydraulic Coupling ²¹										Gearing ²²						
Magnetic Coupling ⁷										Air Gap ⁸						
Thrust ²³	12.60				Intermediate Shafting ²⁴								12.60			
Holding Down Bolts & Chocks ²⁵	12.60				Crankcase Relief Devices ³¹				12.60				Engine Tested 12.60			
Main Engine Driven Pumps ³⁰	Bilge		S.W. Cooling		F.W. Cooling		Lub. Oil		Fuel (9)							
Independent Pumps ³²	Bilge (1)		Ballast (1)		Fuel Transfer (2)		Fuel Service									
	12.60		12.60		12.60		12.60									
	Cyl. Cooling SW (2)		Piston Cooling FW (2)		Lub. Oil (3)		Fuel Valve Cooling									
	Subd SW 3.60		Subd FW 5.60		Subd 3.60		12/60									
	Both 12.60		Both 12.60		Subd 5.60											
Feed (2)	12.60		Cond. Circulating (1)		F.W. Coolers ³⁵ (1)		Lub. Oil Coolers ³⁶ (2)									
	12.60		2/60.		2/60.		Subd. 4.59									
Other Pumps having Bilge Connections		G.S. 12.60		Bilge Pumps in both PR. 12.60		Butterworth Pump 12/60										
Bilge, Ballast and O.F. Lines ³³		12.60		Propellers and Sea Connections		7.57, 2/60.										
Other Piping Arrgts. and Fittings ³⁴		12.60		Steam Pipes Over 3in. Bore		yes										
Condenser ²⁶ (1)		4.59 12.60		Evaporator ⁴² (1)		Safety Valves ⁴³		Oil Burning Arrgts.		S. pump 5.60 Out 12/60						
Oil Fuel Tanks ⁴⁴		12/60 X		Windlass ⁴⁵		12.60		Fire Ext. Arrgts. ⁴⁶		12.60						
Steering Machy. ⁴⁴		12.60		Comp. Coolers												
Indep. Air Compressors ³⁵		(2EL) out 12.60		Main Air Receivers ³⁹		(2) P. 3.60 S 5.60 12.60		Auxiliary Air Receivers ⁴⁰								
AUXILIARY ENGINES		165KW. DIESEL		PORT (No. 2)		110KW. STEAM		20KW. HARBOUR								
2 Diesel 165KW. each.		3. Diesel 12.60		2/60.		12.60		12.60								
1 Steam 110KW.																
1 (Harbour) 20KW.																
Aux SW. circ.		p.p.		12/60												
FW																
Aux Elect. Equipment		5/60														