

MOTOR SHIPS

NAME

NAME

TEN-EI MARU

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}												
Scavenge Pumps or Blowers ^{11,16}												
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹												
Magnetic Coupling ⁷												
Thrust ²³												
Holding Down Bolts & Chocks ²⁵												
Main Engine Driven Pumps ³⁰												

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		

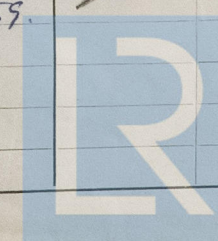
AUXILIARY ELECTRICAL EQUIPMENT

Generators ¹	8.56	
Motors ²	8.56	
Switchboards ³	8.56	
Circuit Breakers ⁴	8.56	
Cables ⁵	8.56	
Insulation Resistance ⁶	8.56	
Steering Gear ⁷	8.56	
Navigation Light Indicators ⁸	8.56	

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}	8.56	8.57	9.58	6/59	8.57	9.58	8.56					
Connecting Rods, Top ends and Guides ³	8.56	6/59	9.58	6/59	8.57	9.58	8.56					
Crankpins and Bearings ⁴	8.56	6/59	9.58	6/59	8.56	9.58	6/59					
Journals and Bearings ⁵	6/59	8.56	8.57	9.58	6/59	8.56	8.57	9.58	6/59			
Compressors on Main Engine ^{6,9}												
Scavenge Pumps or Blowers ^{11,16}	8.56	9.58	8.56	9.58	6/59	8.57						
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹												
Magnetic Coupling ⁷												
Thrust ²³	8.56											
Holding Down Bolts & Chocks ²⁵	8.56	6/59										
Main Engine Driven Pumps ³⁰												

SULZER TYPE

Bilge ¹	8.56	6/59		
Ballast ²	8.56	6/59		
Fuel Transfer ³	8.56	6/59		
Fuel Service ⁴	8.56	6/59		
Cyl. Cooling ⁵	8.56	6/59		
Piston Cooling ⁶	8.56	6/59		
Lub. Oil ⁷	8.56	6/59		
Fuel Valve Cooling ⁸	8.56	6/59		
Feed ⁹	8.56	6/59		
Cond. Circulating ¹⁰	8.56	6/59		
F.W. Coolers ¹¹	8.56	6/59		
Lub. Oil Coolers ¹²	8.56	6/59		
Other Pumps having Bilge Connections ¹³	8.56	6/59		
Bilge, Ballast and O.F. Lines ¹⁴	8.56	6/59		
Other Piping Arrgts. and Fittings ¹⁵	8.56	6/59		
Condenser ¹⁶	8.57			
Evaporator ¹⁷	8.57			
Oil Fuel Tanks ¹⁸	8.56	6/59		
Steering Machy. ¹⁹	8.56	6/59		
Windlass ²⁰	8.56	6/59		
Indep. Air Compressors ²¹	8.56	6/59		
Main Air Receivers ²²	8.56	6/59		
Auxiliary Air Receivers ²³	8.56	6/59		
AUXILIARY ENGINES	1-100KVA Sgl	1-100KVA Sgl		
	8.56	8.56		
	8.57	8.57		
	9.58	9.58		
	6/59	6/59		
	Engine driving SW (main) pump 6/59			
	Dyn. eng. SW. cooling pump - 6/59			



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Lloyd's Register

Foundation

TEN-EI MARU

MOTOR SHIPS

NAME		TEN-EI MARU	
MAIN ENGINE		Cylinders, Pistons, Rods, Valves and Gears	
Connecting Rods, Top ends and Guides			
Bearings and			
Journals and Bearings			
Thrust and			
Motors, Gears, Shafts and Couplings			
Main Engine		Driven Pumps	
Bilge		1. 2. 3.	
Cyl. Cooling		1. 2. 3.	
Fuel Valve Cooling		1. 2. 3.	
Lub. Oil Cooling		1. 2. 3.	
Propellers and		Shafts and	
Gear Connections		Shafts and	
Shafts and		Gear Connections	
Over and		Shafts and	
Oil Pumping		Shafts and	
Fire Ex. Vessels		Shafts and	
Comp. Coolers		Shafts and	
Auxiliary Engines		Shafts and	

