

OIL ENGINE SURVEYS.

7E

NAME 'PRESIDENTE DUTRA'

SURVEY DUE 10. 53.

PORT MAIN ENGINE.	DATES OF SURVEY.										C.S. FEES.	
	Numbered from forward.											
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10		
Cylinders, Pistons, Covers, Valves and Gears		3.50				3.50						R10 3.50 f1000
Connecting Rods and Top ends												
Bottom Ends												
Journals												
Thrust						Intermediate Shafts						
Compressors on Main Engine	None					Compr. Coolers		Scavenge Pumps			2 Tandem	
STARBOARD ENGINE.												
Cylinders, Pistons, Covers, Valves and Gears												
Connecting Rods and Top ends												
Bottom Ends												
Journals												
Thrust						Intermediate Shafts						
Compressors on Main Engine						Compr. Coolers		Scavenge Pumps				
AUX. ENGINES.												
2-4 Cyl. Oil 150KW each.												
1-Harbour. Steam 40 KW.												
2- 2 Stage on Aux. Oil Engs.												
Aux. Compressors										Compr. Coolers		
1- Harbour Gen.												
Starting Air Receivers } Main										Aux.		
2 Work. & 1 spare												
Injection Air Receivers } Main										Aux.		
None												
Propellers and Sea Connections										Pumping Arrangements		
PUMPS	2 Bilge		Piston 2 3rd FW.				Steering Gear					
	2 Aux.		Cooling 1 3rd FW (aux)				Windlass					
	Ballast		Jacket 2 3rd SW.				Evaporator					
	General Service		Cooling 1 3rd SW (aux)									
	Lub. Oil		Fuel Transfer									
	2		Lub. Oil Coolers									
	Fuel		Water Coolers									
Condensing Plant			Feed Pumps			Oil Burning Arrangements			Steam Pipes			
Daily Service and Storage Tanks						Electric Fittings						
3m, 11.48.												
340KW.												



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 Auxiliary Engines crank shafts, diameter
 as fitted 170

Position 1 on port & 1 on starboard side