

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.	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										
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 Eng's.
Aux. Compressors
1- Harbour Gen. Compr. Coolers

Starting Air Receivers } Main
2 Work. & 1 spare Aux.

Injection Air Receivers } Main
None Aux.

Propellers and Sea Connections Pumping Arrangements

PUMPS	2 Bilge 2 Aux.	Piston 2 3rd FW. Cooling 1 3rd FW (aux)	Steering Gear
	Ballast	Jacket 2 3rd SW. Cooling 1 3rd SW (aux)	Windlass
	General Service	Fuel Transfer	Evaporator
	Lub. Oil	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.

