

## OIL ENGINE SURVEYS.

Esso Bolivar

SURVEY DUE  $\Delta$  11.54

7E

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		7.52 11.50	7.52 11.50	7.52	7.52 11.50	7.52	7.52 11.50	7.52	7.52	all 8.52 all 10.51 8/13		Bet. 11.50 Ham 10.51 12/26 Elec 17.5.0 Ham 8/13 M Elec	
Connecting Rods and Prop ends		7.52 10.51 11.50	8.53 11.50	10.51	11.50	8.53 10.51	11.50	10.51	7.52	All 8.52			
Bottom Ends		7.52 10.51 11.50	8.52 11.50	10.51	7.52 8.52 11.50	1.51	7.52	10.51	8.52				
Journals		7.52 all 11.50	8.52 8.52	8.53 8.52 10.51	7.52 8.52	8.53 10.51	7.52 8.52	8.53 10.51	8.52	7.52 8.53 10.51			
Thrust		11.50	8/13	7.52	8.52	Intermediate Shafts		8.52					
Compressors on Main Engine		None				Compr. Coolers		Scavenge Pumps (4)		all 7.52			
STARBOARD ENGINE.													
Cylinders, Pistons, Covers, Valves and Gears													
Connecting Rods and Prop ends													
Bottom Ends													
Journals													
Thrust													
Compressors on Main Engine													
UX. ENGINES.													
Steam —		Both steam 10.52											
Cylinders —		" " 8/13											
Aux. Compressors		all 11.50										Compr. Coolers	
Starting Air Receivers		Main upper 8.52 Lower 8/13										Aux. None	
Injection Air Receivers		Main None										Aux. None	
Propellers and Sea Connections		8.52 8/13 8.54										Pumping Arrangements 8/13	
Bilge		all san/high 8.52										Steering Gear 8.52 10.51	
Ballast		all ballast/air 8.52										Windlass 8.52	
General Service		6.55										Evaporator	
Lub. Oil		10.51										all fire Butternut 8.52	
Fuel		(3) 10.51 8.52 8/13 7.54										Steam Pipes 8.52	
Condensing Plant		7.52 8/13 10.51 8.52										Feed Pumps 8.52	
Daily Service and Storage Tanks		8.52										Oil Burning Arrangements 8.52 7.52	
												Electric Fittings 10.51 8/13	

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