

OIL ENGINE SURVEYS.

7E

NAME Sir James Clark Ross.SURVEY DUE 3-48

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												
Connecting Rods and Top ends												
Bottom Ends												
Journals												
Thrust						Intermediate Shafts						
Compressors on Main Engine	none					Compr. Coolers					Scavenge Pumps	
						none						
STARBOARD ENGINE.												
Cylinders, Pistons, Covers, Valves and Gears												
Connecting Rods and Top ends												
Bottom Ends												
Journals												
Thrust						Intermediate Shafts						
Compressors on Main Engine	none					Compr. Coolers					Scavenge Pumps	
						none						
AUX. ENGINES.	centre 2 cyl		100KW (Port)		100KW (Starb)		Bot		Bot		220KW new 9.46	Steam
1. 2 cyl (centre)	9.45		9.45		9.45		9.47		9.47		9.47	
2. 3 cyl @ 100KW	9.47		9.47		9.47							
2. Bolinder 38KW (in factory)												
1. Steam (emergency) 32KW												
1. 3 cyl Allen 220KW (Port Side aft)												
1. 2 cyl aux. (centre)			100KW		100KW		1 Steam		Compr. Coolers			
Aux. Compressors												
2 on 100KW aux												
Starting Air Receivers	Main		Bot 9.47.				Emergency Aux.		1			
	2											
Injection Air Receivers	Main						1 for centre removed 9.49		Aux. dynamo P.			
	none											
Propellers and Sea Connections	9.46					Pumping Arrangements						
Bilge	2 on MC. (Steam 2 elec. pump)					Piston Cooling						
Ballast	1 steam 1 elec.					Jacket Cooling						
General Service						Fuel 1 elec. Transfer 1 steam						
Lub. Oil	1 elec.					Lub. Oil Coolers						
Fuel						Water Coolers						
Condensing	2 Condensers 9.45					Feed Pumps. 5 steam 9.47					Oil Burning Arrangements 9.47	
Daily Service and Storage Tanks											Electric Fittings	
											Steam Pipes.	

08L 9.45
 4pt 9.46.
 OSL 9.47.

all 9.45 + 9.46, 9.47.

all 9.45 + 9.46, 9.47.

removed 9.49

Examined

Strong point

all 9.45
 19.47
 PUMPS

For press boilers see attached sketch