

Hull

CHISCUS".

LOAD READINGS OF MAIN PROPULSION ALTERNATOR AND MOTOR TAKEN DURING TRIALS AT  
SEA ON 22.1.59.

	TIME.	MOTOR & GEN. FIELD D.C. VOLTS.	GEN. FIELD D.C. AMPS.	MOTOR FIELDS D.C. AMPS.	°C Temp.		MOTOR H.P.	TURBINE SPEED RPM.	GEN. A.C. VOLTS.		MOTOR A.C. AMPS.	MOTOR SPEED RPM.
					MOTOR STATOR	GEN. FIELD.			V.	A.		
Ahead.	8.53.	75	115	300			-	1500	1200	200	200	40
Stop.	8.53.											
Astern.	8.54.	75	115	300			-	1500	1200	200	200	40
Stop.	8.55.											
Ahead.	8.58.	75	115	300			-	1600	1200	300	300	40
Stop.	8.59.											
Ahead.	9.00.	80	120	310	52	35	-	1700	1300	300	300	45
Slow												
id.	9.09.	75	115	290			-	800	500	-	-	25
Ahead.	9.11.	80	115	300	55	35	-	1700	1300	250	250	45
Stop.	9.16.											
Ahead.	9.17.	80	115	300			-	1700	1300	250	250	45
Slow												
id.	9.19.	75	115	300	55	35	-	800	500	-	-	25
Stop.	9.21.											
Ahead.	9.22.											
Stop.	9.22.											
Astern.	9.22½.	80	120	305			-	2250	1625	400	400	60
Full												
rn.	9.25.	90	130	310			-	3000	2200	500	500	80
Stop.	9.26.											
Ahead.	9.27.	80	120	300			-	1700	1300	400	400	45
Slow												
id.	9.31.	80	115	300	58	40	-	800	500	-	-	25
Stop.	9.33.											
Astern.	9.34.	80	120	300			-	1800	1400	350	350	25
Stop.	9.37.											
Ahead.	11.05.	80	120	300	50	35	-	1650	1325	350/ 250	350/ 250	45
Ahead.	11.14.	80	115	300			-	2000	1500	350	350	55
Ahead.	11.17.	80	120	310	50	40	-	2500	1800	600	600	65
"	12.15.	105	150	390	58	40	5000	3300	2300	1000	1000	85
"	12.20.	95	130	340			2800	3000	2100	750	750	80
"	13.10.	105	150	380	73.	45	4100	3300	2300	1000	1000	85
Stop.	13.42.											
Ahead.	15.10.	80	120	290	55	50	-	1600				
"	15.11.	90	130	320	55	50	-	2600	1900	750	750	67
Slow	15.26.	75	110	280			-	1000	500	-	-	25
id.												
Ahead.	16.03.				52	60						
"	16.04.	75	120	300			-	2000	1500	500	500	55
"	16.18.	80	115	280	52	65	-	1600	1200	250	250	43
"	16.19.	85	115	290			-	2000	1500	500	500	55
Slow	16.23.	80	115	280			-	1000	800	-	-	30
id.												



By General Electric Co.  
No. of Main Engines 2 No. of Screws 2  
No. of Main Boilers 2WTB W.P.500lb. Spt464lb

Type Steam turbine connected to elec.  
Motor & sc. shaft  
Records of Survey & Special Notations as per Register Book

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TIME.	MOTOR & GEN FIELD D.C. VOLTS.	GEN. FIELD D.C. AMPS.	MOTOR FIELD D.C. AMPS.	GC MOT STA	GEN. FIELD.	MOTOR H.P.	TURBINE SPEED RPM.	GEN. A.C. VOLTS.	MOTOR A.C. AMPS.	MOTOR SPEED RPM.
								V.	A.	
head. 16.27.	80	120	280			-	1700	1300	250	250 45
low 16.46.	80	115	280	52	65	-	1000	800	-	- 30
head. 17.08.	85	120	320			-	2600	1800	600	600 65
head. 17.14.	80	120	295			-	1600	1200	250	250 45
slow 17.16.	75	115	280			-	800	300	-	- 30
top. 17.19.										
astern. 17.20.	80	115	300			-	1800	1400	350	350 25
top. 17.21.										



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Lloyd's Register  
Foundation

Decision

As now signed

M.B. 1.59

J. Bowman