

## STEAM TURBINE MACHINERY SURVEYS

8E

Name BRITISH CROWN

	PORT	STARBOARD
H.P. Turbine	$\frac{10}{64}$ Thrust & bog only 9.62	$\times$ H.P. and L.P. couplings, flexible and thrust 9/63
1st I.P. Turbine		
2nd I.P. Turbine		
L.P. Turbine	$\frac{10}{64}$ Thrust & bog only 9.62	$\times$
Reduction Gear	$\frac{10}{64}$ H.P. & L.P. primary wheel thrusts 9.62	H.P. & L.P. pinions & bearings 9/63
Thrust Shaft	$\frac{10}{64}$	$\times$
Intermediate Shaft	$\frac{10}{64}$ Nos 2 & 3 - 9.62	$\times$
	MAIN	(3) AUXILIARY
Condensers (1)		Ans. $\frac{10}{64}$ S.T. Act. 9.62
Extraction Pumps (2) P. & S.	P. 9/63 $\times$ S. $\frac{10}{64}$	Deck cond 9/63 S.T.A. 9/63 P.Turbo- $\frac{10}{64}$
Air Ejectors/Pumps	F & A 9/63	Ans. - 9.62 AET 9/63
Circulating Pumps (2)	F 9/63 $\times$ PA $\frac{10}{64}$	Ans. - $\frac{10}{64}$ Aux $\frac{10}{64}$ Butterworth pump $\frac{10}{64}$
Feed Pumps (2)	F & A $\frac{10}{64}$ 9/63	2 AUX. ST. 9/63 1 Ans. $\frac{10}{64}$ I.O. cooler circ. pump $\frac{10}{64}$
Feed Heaters (2) 1st & 2nd	6 H.P. 9/63	(1) Harbor $\frac{10}{64}$
Feed Filters	$\frac{10}{64}$	SECONDARY FEED HTR $\frac{10}{64}$ DE-AERATOR $\frac{10}{64}$ DRAINS COOLER $\frac{10}{64}$
Bilge Pumps (2)	P.F. $\frac{10}{64}$ PA $\frac{10}{64}$	Pump room $\frac{10}{64}$ Bilge Pump $\frac{10}{64}$
Ballast Pumps		
General Service Pumps	S.F. $\frac{10}{64}$	
Lubricating Oil Pumps (2)	Both $\frac{10}{64}$	
Lubricating Oil Coolers (2)	Both 9/62	
Oil Fuel Transfer Pumps (2)	E.R. $\frac{10}{64}$ P.R. $\frac{10}{64}$	
Hydraulic Pumps for W.T. Doors		
Pumping Arrangements	$\frac{10}{64}$	
Oil Fuel Installation (2)	Both Pumps $\frac{10}{64}$	Upper & lower hds - 9/62 INDEPENDENT OF TANKS $\frac{10}{64}$
Forced Draught Fans (2 ED)	Both 9.62	
Evaporators	9.62 + S.V.	2 feed hds. $\frac{10}{64}$
Distiller	$\frac{10}{64}$	De-aerator. - $\frac{10}{64}$ See above.
Steam Pipes		
Bulkhead Stop Valves	Emergency 9/62 $\frac{10}{64}$	
Manœuvring Valves	$\frac{10}{64}$	
De-Superheater		
Turbo-Generators (2)	PF S.F. 9/63 PA $\frac{10}{64}$	Steam (150 KW.) dyn. eqn. (S.F.) $\frac{10}{64}$
Auxiliary Oil Engines (1)	S.A. - 9.62	
Air Receivers (2 for comb. (L.H. & R.H.) Both $\frac{10}{64}$ (1 for aux. O.E.) $\frac{10}{64}$		Air Compressors (1 ED) $\frac{10}{64}$ 9/63 P.C.C. (1 by O.E.) $\frac{10}{64}$ S.C.P. $\frac{10}{64}$
Electrical Equipment	$\frac{10}{64}$	
Steering Gear	P 9.63 $\frac{10}{64}$	
Windlass	9.62	
Fire Extinguishing Arrangements	8/61	
Sea Connections	$\frac{10}{64}$	