

Name

HANSEATIC

8E

MAIN		AUXILIARY
CONDENSERS (2)	P. 10/63 12/63	S. 10/63 12/63
EXTRACTION PUMPS (4)	PE PA SF SA	(see T.Gs.)
AIR EJECTORS/PUMPS (2)	P. - 12.64 S. - 12.64	
CIRCULATING PUMPS (4)	P.F. - 12.64 PA. - 12.63	SF - 12.63 SA - 12.64
FEED PUMPS (4) Turbo	P. OUT. - P. IN. -	S. OUT. - 12.64 S. IN. -
FEED HEATERS		
FEED FILTERS		
BILGE PUMPS	ER P 2 } 12.63 S 8 } 12.64	BR } Strm 12.63
BALLAST PUMPS	PC 12.64	
GENERAL SERVICE PUMPS		
LUBRICATING OIL PUMPS (4)	P.O. - P.I. -	S.O. - 12.64 S.I. -
LUBRICATING OIL COOLERS	P 12.63	T.G. bath 12.63
OIL FUEL TRANSFER PUMPS (6)	ER (2) SF D.O. 12.64	F. bl. room (1) A. bl. room (1)
HYDRAULIC PUMPS FOR W.T. DOORS		
PUMPING ARRANGEMENTS		
OIL FUEL INSTALLATION	(7) S.C. 12.64 PUMPS	(2) A.V.K.
	(7) CENTRE BR. P-10/63 HEATERS 12.63	CENTRE LOWER 12.64 (2)
FORCED DRAUGHT FANS		
INDUCED DRAUGHT FANS		
EVAPORATORS (2)	bath (EX SV) 12.63	
DISTILLERS		
STEERING GEAR		
WINDLASS		
FIRE EXTINGUISHING ARRANGEMENTS	P } PUMPS S } 12.63	
SEA CONNECTIONS	2 x 5 low injection 12.63	
OIL FUEL TANKS (2)		



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STEAM TURBINE MACHINERY SURVEYS

PORT		STARBOARD	
H.P. TURBINE		12.64	
1st. L.P. TURBINE		12.64	12.64
2nd L.P. TURBINE		✓	
L.P. TURBINE		X	
REDUCTION GEAR, FLEXIBLE COUPLINGS, ETC.			
Port HP byd chly 1263			
THRUST SHAFT		1263	1263
INTERMEDIATE SHAFTING		12.64	12.64
HOLDING DOWN BOLTS, ETC.		12.63	1263
ENGINE TEST			
BULKHEAD STOP VALVES			
MANŒUVRING VALVES		S. artem - 10/63. P. .. 1263	
DE-SUPERHEATER		N.m.	
STEAM PIPES			
AUXILIARY TURBO-GENERATORS (2)			
P. 12.64		Condenser (2) 1263	2nd. air. pp (2) 12.64
S. 12.64		1263	Condenser (4) 12.64
AUXILIARY OIL ENGINES (4)			
P. OUT		P. IN	S.O.
12.64		12.64	12.64
S. OUT - 12.64		S. IN -	
S. IN -		S.A. pipes	
AIR COMPRESSORS (2)		S. OUT - 12.64	
S. IN -		S. IN -	
AIR RECEIVERS (4 AUX.)		P. OUT - 12.64	S. OUT -
P. IN - 12.64		S. IN -	
AUXILIARY ELECTRICAL EQUIPMENT			
GENERATORS		CABLES	
MOTORS		INSULATION RESISTANCE	
SWITCHBOARDS		STEERING GEAR	
CIRCUIT BREAKERS		NAV. LIGHT INDICATORS	

Lower FWK for Aux. Eng. 12.64
Upper & Lower F.W. COOLERS FOR Aux. Eng 12.64

MINIMUM No. AND CAPACITY OF GENERATORS REQUIRED FOR ESSENTIAL SERVICES



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