

# RECIPROCATING STEAM ENGINE SURVEYS

PORT	STARBOARD
H.P. CYLINDER & PISTON	
I.P. CYLINDER & PISTON	
2ND I.P. CYLINDER & PISTON	
L.P. CYLINDER & PISTON	
H.P. VALVE	
I.P. VALVE	
2ND I.P. VALVE	
L.P. VALVE	
CROSSHEADS	
CRANK PINS & BEARINGS	PORT L.P. & I.P. 4/64
JOURNALS & BEARINGS	
L.P. TURBINES	
REDUCTION GEAR OR	
ELECTRIC GENERATORS OR	
STEAM COMPRESSORS	
ELECTRIC PROPELLING MOTORS	
THRUST SHAFT	
INTERMEDIATE SHAFTING	
HOLDING DOWN BOLTS, ETC.	
ENGINE TEST	
BULKHEAD STOP VALVES	
MANŒUVRING VALVES	
DE-SUPERHEATER	
RE-HEATER	
STEAM PIPES	
DYNAMO STEAM ENGINES	(2) each 25KW. Started Seals F. Out (25KW) 1- A (25KW) (1) 40KW F. In (40KW) 1-
AUXILIARY OIL ENGINES	
AIR RECEIVERS	AIR COMPRESSORS

MINIMUM No. AND CAPACITY OF GENERATORS REQUIRED FOR ESSENTIAL SERVICES

Name GEMMA

10E

MAIN	AUX.
CONDENSERS (1) 4/64	
EJECTORS (2) P 1-	S 1-
AIR PUMPS	
CONDENSATE PUMPS INDEPENDENT (2) P 1-	S 1-
CIRCULATING PUMPS ATTACHED	
INDEPENDENT (1) 4/64	
EVAP. (2) PS F. 1-	A 1-
FEED PUMPS MAIN (2) PS F.	A.
INDEPENDENT (2) PS F.	
FEED HEATERS (2) 1st STAGE	2nd STAGE
FEED FILTERS	
BILGE PUMPS ATTACHED (2) P.	S
INDEPENDENT BILGE/BALL in two Pump Rm (1)	in Main Pump Rm (1)
BALLAST PUMPS (1) in E.R. (SS)	
GENERAL SERVICE PUMPS (1) in E.R. (PS)	
LUBRICATING OIL PUMPS BUTTERWORTH PUMP (1)	
LUBRICATING OIL COOLERS " HEATER (1)	
OIL FUEL TRANSFER PUMPS	
PUMPING ARRANGEMENTS	
SS	
OIL FUEL INSTALLATION PUMPS (2) F.	A.
HEATERS (2) F.	A.
FORCED/INDUCED DRAUGHT FANS & ENG.	
EVAPORATORS (2) PS F. 1- 4/64	A 1- 4/64
DISTILLERS	
STEERING GEAR	
WINDLASS 4/64	
FIRE EXTINGUISHING ARRANGEMENTS	
SEA CONNECTIONS	
OIL FUEL TANKS	
AUXILIARY ELECTRICAL EQUIPMENT	
GENERATORS	CABLES
MOTORS	INSULATION RESISTANCE
SWITCHBOARDS	STEERING GEAR
CIRCUIT BREAKERS	NAV. LIGHT INDICATORS