

# RECIPROCATING STEAM ENGINE SURVEYS

Name APJ AMBAR

10E

	PORT	STARBOARD
H.P. CYLINDER & PISTON	12/63*	
I.P. CYLINDER & PISTON	12/63*	
2ND I.P. CYLINDER & PISTON	✓	
L.P. CYLINDER & PISTON	10/62*	
H.P. VALVE	6/63, 9/62, 12/63*	
I.P. VALVE	12/63*	
L.P. VALVE	✓	
L.P. VALVE	12/63*	
CROSSHEADS	H.P. 12/63* M.P. 12/63* L.P. 10/62*	
CRANK PINS & BEARINGS	12/63* 12/63* 12/63* 10/62*	
JOURNALS & BEARINGS	all 12/63*	
L.P. TURBINES		X
REDUCTION GEAR OR <u>4 H.P. Coupling</u>		X
ELECTRIC GENERATORS OR		
STEAM COMPRESSORS		
ELECTRIC PROPELLING MOTORS		
THRUST SHAFT	12/63*	
INTERMEDIATE SHAFTING	11/64	
HOLDING DOWN BOLTS, ETC.	2/65	X
ENGINE TEST	2/65	X
BULKHEAD STOP VALVES	12/63*	
MANŒUVRING VALVES		
DE SUPERHEATER	✓	
RE-HEATER	✓	
STEAM PIPES	due 4/69.	
DYNAMO STEAM ENGINES	3 @ 35kW. S. OUT. Centre. 12/63.*	S. IN. 8.64
AUXILIARY OIL ENGINES	No refng. cargo not carried. 2 remaining dynos sufficient for lighting. NO electric uses.	
AIR RECEIVERS		AIR COMPRESSORS

	MAIN	AUX.
CONDENSERS	2.64. X	2.64. X
AIR PUMPS	ATTACHED 12/63. X INDEPENDENT ✓	
CIRCULATING PUMPS	ATTACHED ✓ INDEPENDENT pp Y ENG. 12/63*	
FEED PUMPS	ATTACHED 12/63* INDEPENDENT P. OUT - 7/64 X P. IN - 2.64. X	AUX. ① - 12/63*
FEED HEATERS	① Surface feed. - 11/64 ① Contact - 11/64	
FEED FILTERS	✓ 11/64	
BILGE PUMPS	ATTACHED 12/63. X INDEPENDENT ① S. OUT. - 11/64	
BALLAST PUMPS	① P.A. - 2.64. X	
GENERAL SERVICE PUMPS	① SA. 12/63*	
LUBRICATING OIL PUMPS	② P. OUT - 2/65 P. IN - 2/65	
LUBRICATING OIL COOLERS	① 2.64. X	
OIL FUEL TRANSFER PUMPS	② SF - 2.64. X SA - 8.64.	
PUMPING ARRANGEMENTS	2/65	
OIL FUEL INSTALLATION	② PUMPS A. 2.64. X F 7/64 X ② HEATERS SF - 7/64 X SA - (LOWER) 2.64. X	
FORCED/INDUCED-DRAUGHT FANS	① A - 10/62. X ② Engines A 2.64. X	F - 7/64 X
EVAPORATORS	11/64	
DISTILLERS	✓	
STEERING GEAR	8.64.	
WINDLASS	11/64	
FIRE EXTINGUISHING ARRANGEMENTS		
SEA CONNECTIONS	5/60 11/64	
OIL FUEL TANKS	none.	
AUXILIARY ELECTRICAL EQUIPMENT		
GENERATORS	2/65	CABLES 2/65 +
MOTORS	2/65	INSULATION RESISTANCE 2/65 +
SWITCHBOARDS	2/65	STEERING GEAR
CIRCUIT BREAKERS	2/65	NAV. LIGHT INDICATORS 2/65

2/65

C.S.M.  
Calcutta letter of 4/11/63

G.E. build 4/63

Reversing  
(Turning Engine P. 64.)

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Complete 2/65



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