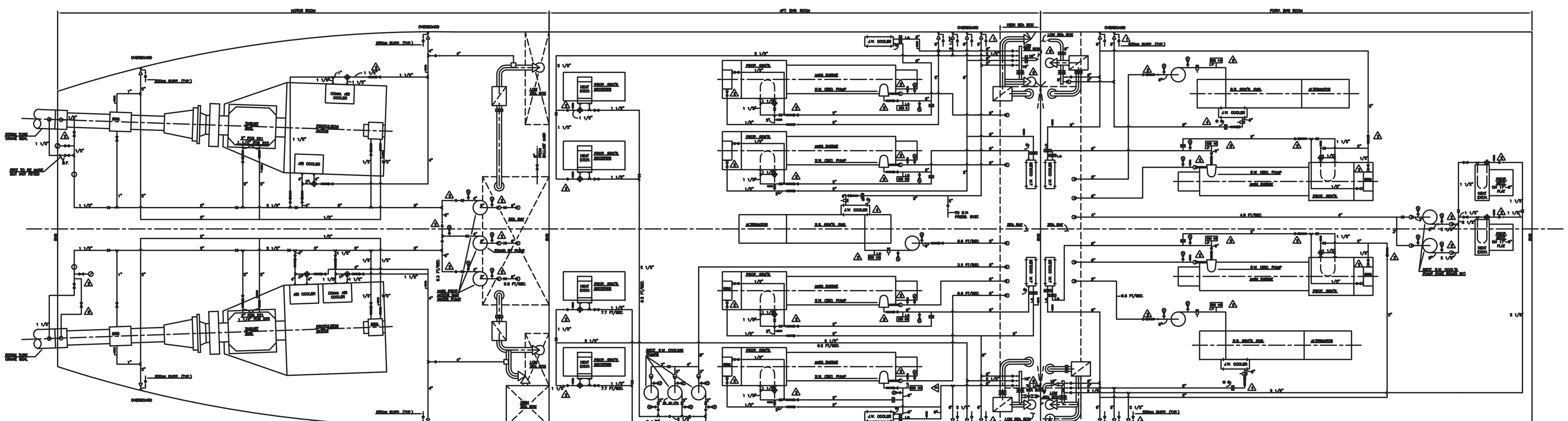

LEGEND :

Symbol	Description
⋈	GLOBE VALVE
▷◁	GLOBE VALVE, S.D.N.R.
	ANGLE VALVE
	BUTTERFLY VALVE (TYPE TO BE APPROVED BY LLOYD'S)
	STRAINER
	PUMP
	3-WAY VALVE (THERMOSTATIC)
	PRESSURE GAUGE
	THERMOMETER
	FLEX. CONNECTION (TYPE TO BE APPROVED BY LLOYD'S)
⊘	FLOW INDICATOR
	SPECTACLE FLANGE (M.L.M. SUPPLY)
	ORIFICE
	REDUCER
L.P.	MONITORED POINT OF I.S.I.S. L.P.=LOW PRESSURE
L.O.	LOCKED OPEN
	GATE VALVE

QTY.	PUMP	CAPACITY	MOTOR RATING	MOTOR SPEED
6	S.W. CIRC. PUMP ON EACH ENGINE	488 I.G.P.M. HEAD = 35 PSI	ENGINE DRIVEN	900 RPM
5	RECT. S.W. COOLING PUMP	80 I.G.P.M.	60 HP.	1750 RPM
3	PROP. MOTOR S.W. CIRC. PUMP	425 I.G.P.M. HEAD = 70 FT.	20 HP.	1750 RPM
3	S.W. CIRC. PUMPS ON S.S. GEN'R. ENG.	380 I.G.P.M. **)	ENGINE DRIVEN	900 RPM

NOTES :

1. ALL SHIPSIDE AND SEA SUCTION WELL VALVES TO BE C. ST./ST. STEEL TRIM, O.S. & Y, BOLTED BONNETS
2. O.B. DISCH. VALVES TO BE S.D.N.R. TYPE, LOCATED NOT LESS THAN 18" BELOW LIGHT LOAD LINE. VALVE BODIES TO BE PROVIDED WITH STEAM CONNECTIONS.
3. ALL PIPING TO BE ASTM A53-73T GR. A SEAMLESS STEEL. 1 1/4" & UNDER TO BE SCH. 80, 1 1/2" & OVER TO BE SCH. 40, GALVANIZED AFTER FABRICATION.
4. FLANGES 1 1/2" & OVER TO BE STEEL 150 LB. ASA STANDARD SLIP-ON WELD. TYPE. 1 1/4" & UNDER BRONZE UNIONS.
5. ALL PIPES TO BE CLEANED & FREE FROM SLAG & RUST BEFORE ERECTION.
6. GASKETS TO BE CRANE OR EQUAL GREY RUBBER CLOTH INSERTED, 1/16" THICK.
7. INSTALLATION AND MATERIALS TO BE IN ACCORDANCE WITH THE RULES & REGULATIONS OF LLOYD'S REGISTER OF SHIPPING & C.S.I.

) AS COOLER IS SO CLOSE TO S.W. CIRC. PUMP NO VALVE IS REQUIRED AT COOLER INLET.

*) ORIFICE SIZED TO LIMIT FLOW TO 6.0 FEET/SEC.

**) PUMP CAPACITY WILL BE REDUCED BY ORIFICE TO SUIT SUCTION PIPE VELOCITY.

REFERENCE DWGS. :

MLW #836F-33001-H.E. OUTLINE
MLW #836E-33012-PROP. GENERATOR OUTLINE
CGE #4086E 1283 AE REV.6-GENERATOR OUTLINE
CGE #4086E 1631 AR-PROP. MOTOR OUTLINE

Pêches et Océans Canada / Fisheries and Oceans Canada
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Services techniques
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221-670-2

révisions		date
1	GENERAL REVISION	96.02.15

PIERRE RADISSON
BURRARD DRY DOCK CO. LTD.
BRISE-GLACE TYPE 1200

S.W. CIRC. SYSTEM DIAGRAM

conçu / designed: BURRARD DRY DOCK CO. LTD.
dessiné / drawn: I.T.G. date: 99/05/02
approuvé / approved:
échelle / scale: AUCUNE
no. de projet / project no.: COQUE #221
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