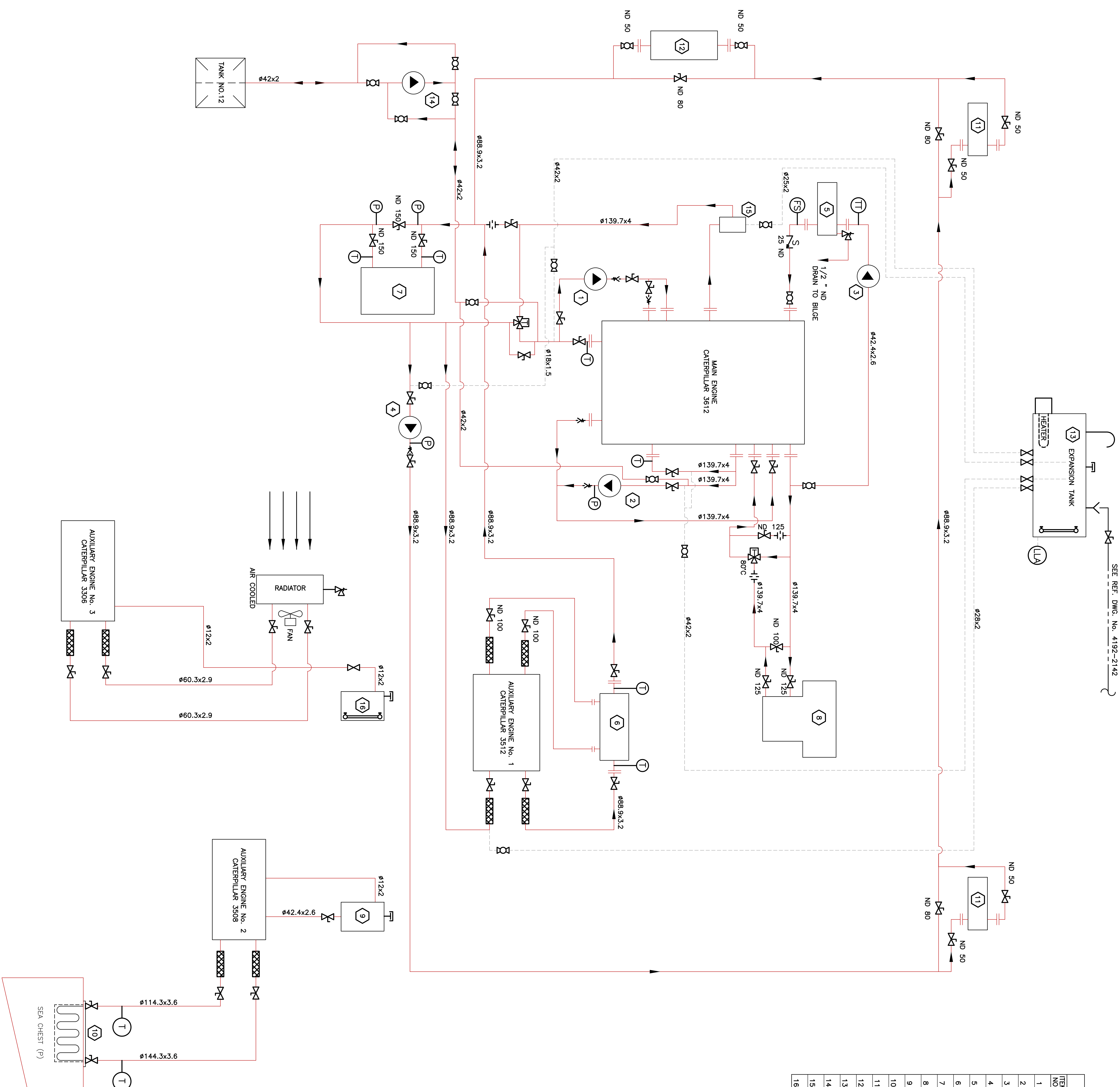













EQUIPMENT LIST			
ITEM NO. NO. OF	DESCRIPTION	PERFORMANCE DATA	TYPE
1	STAND-BY PUMP LOW TEMP.	87 m ³ /HR @ 3500 RPM	ALWIELER 65-123/115-U30
2	STAND-BY PUMP HIGH TEMP.	126 m ³ /HR @ 3500 RPM	ALWIELER 80-160/128-U30
3	M.E. PREHEATER CIRC. PUMP	55 GAL./MIN. @ 20 m	PRICE PUMP COMPANY 50-123-U30
4	HYDRAULIC COOLER CIRC. PUMP	50 m ³ /HR @ 2 BAR	ALWIELER 50-123/118-U30
5	M.E. PRE-HEATER	24 KW	KAMU HOISTART MANUF. COMPANY
6	COOLER, AUX. ENG. NO.1(CAT.3512)	766,000 KCAL/HR	PSULIC THERM PSULIC THERM
7	CENTRAL PLATE COOLER	2,752,000 KCAL/HR	K-55 ALUS-DANMARK
8	F.W. GENERATOR	7 m ³ / 24 HR	ARGO 1-5-15
9	F.W. EXPANSION TANK (CAT. 3508)		INF THERMAL ENL
10	BOX COOLER, AUX. ENG. NO. 2 (CAT. 3509)	508 KW/HR	3-F-62
11	WINCH OIL COOLER	300 LITRES/MIN. -4.2 m ³	SEPERE 219/1000
12	HIGH PRESS. OIL COOLER	160 LITRES/MIN.	BOWMAN-1688-3
13	F.W. EXPANSION TANK		SHIRAD SUPPLY
14	DRAWS PUMP	35 m ³ /HR @ 20 m	ALWIELER 40-123/30
15	DEAERATION TANK		SHIRAD SUPPLY
16	F.W. EXPANSION TANK HARBOUR GENERATOR (CAT. 3306)		

NOTES



LEGEND

	S.L. GLOBE VALVE
	BALL VALVE
	BUTTERFLY VALVE
	THERMOSTATIC CONTROL VALVE
	PUMP
	WAFER CHECK VALVE
	TEMPERATURE GAUGE
	PRESSURE GAUGE
	PIPE CAP
	SWING CHECK VALVE
	FLEXIBLE CONNECTION

MATERIAL SPECIFICATION

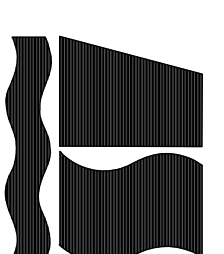
<u>VALVES</u>	1/2" & BELOW	TO BE ANSI 150# SCREWED BONNET, SCREWED, ALL BRONZE CONSTRUCTION
	2" & ABOVE	TO BE ANSI 150# CAST IRON BODY, BRONZE TRIM, O.S. & Y, BOLTED BONNET WITH RISING STEM, BUTTERFLY VALVES TO BE OF APPROVED TYPE, 150# PLAIN END, BLACK STEEL, ASIN A 53 GRADE A.
<u>PIPING</u>	ALL SIZES	TO BE CONTINUOUS WELD, SCHEDULE 40, PLAIN END, BLACK STEEL.
<u>FITTINGS</u>	1 1/2" & BELOW	3000#, BLACK STEEL, SOCKET WELD.
	2" & ABOVE	SCHEDULE 40, BLACK STEEL, BUTT WELD.
<u>FLANGES</u>	1 1/2" & BELOW	3000#, BLACK STEEL, SOCKET WELDED UNION.
	2" & ABOVE	150#, BLACK, FORGED STEEL, SLIP-ON WELDED.

'AS FITTED

JOB OR HILL NO	D.F.O. # 8830-26-2107
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TITLE

DRAWING NO.			
APPROVALS	SCALE	NONE	
OWNERS 3.5.94	DRAWN	JCH	4192-2107
NATLUTH 26.4.94	DATE	23.03/94	
CLASSNo 8.6.94	CHKD		
OTHER	DATE		
		SHT. 1 OF 1	REV. A/F



MARYSTOWN
SHIPYARD LIMITED
MARYSTOWN NEWFOUNDLAND
TEL.279-1200 FAX.279-1408

[illegible][illegible][illegible]

REFERENCE DRAWINGS	
DWG. NO.	TITLE
4192-2142	DOMESTIC FRESHWATER DIAGRAM