

MATERIAL SPECIFICATION									
PIPE									
SYSTEM	W/P LAST 3500 BAR	TEMP	SIZE	MATERIAL	CONN	GASKET			
COMPRESSED AIR	17.9 24L BAR		ALL	SEAMLESS STL ASTM A 53 GRADE A SCH 40 BLACK	FLG 300 ASA	1/6 THK. KLINGER SIL.ASSES 105 FREE			
	10.64 BAR SOAK		25 → 10 → 37.5		FLG 150 ASA				
CONTROL AIR	7/4 BAR			COPPER TUBE TYPE K					
VALVES									
SYSTEM	TYPE	SIZE	BODY	MATERIAL	TRIM	BONNET CONN			
COMPRESSED AIR	ALL	32 1.25	FORGED STEEL		BRONZE OR STAIN. STEEL	BOLTED			
		17.9 24L BAR W/P	40 → W/P 1.5"	CAST STEEL			FLG 300 ASA		
		7/4 BAR W/P					FLG 150 ASA		
CONTROL AIR	ALL	32 1.25	BAR STOCK				SCW 5000		

AIR RECEIVER CAPACITIES				
NO. OFF	SERVICE	CAPACITY	WORKING PRESSURE	SELF VALVE SETTING
2	MAIN AIR RECEIVER	0.75M <sup>3</sup>	17.5 BAR	19.7 BAR
1	CONTROL AIR RECEIVER	0.50M <sup>3</sup>	7.0 BAR	7.7 BAR
1	WHISTLE BUFFER TANK	0.36M <sup>3</sup>	10.0 BAR	11.0 BAR
1	EMERGENCY GENERATOR AIR RECEIVER	0.95M <sup>3</sup>	10.3 BAR	11.0 BAR

AIR COMPRESSOR DATA				
NO	SERVICE	TYPE	CAPACITY	PRESSURE
2	MAIN AIR COMPRESSOR	MOTOR DRIVEN	30 M <sup>3</sup> /HR	18-6 BAR
1	DEAD SHIP AIR COMPRESSOR	DIESEL ENGINE DRIVEN HAND START	15 M <sup>3</sup> /HR	10-0 BAR

REFERENCES	
GENERAL NOTES	


C.C.G.S. ANN HARVEY  
APRIL 1987  
AS FITTED

**HD** Halifax-Dartmouth Industries Limited.

Canadian  
Coast Guard

**PROJECT** HULL No 72  
TYPE 1100 NAVAIDS TENDER LIGHT ICEBREAKER

**TITLE.** COMPRESSED AIR DIAGRAM.

APPR.	SENT	APPR.	SENT	APPR.	SENT	DRAWN BY <sup>A</sup> WALMSLEY CHECKED BY  DATE: MARCH 28-84 <b>REVISION N°.</b>
OWNER	4-2-84	5-2-84				
LOVOS	II	6-14-84				
A.B.S.						
S.S.B.	4-2-84	5-2-84				
Scale	Account no. 4211					