



MATERIAL SPECIFICATION									
PIPE									
SYSTEM	W/TEST PRESS BAK	TEMP	SIZE	MATERIAL	CONN	GASKET			
COMPRESSED AIR	17/24 BAR	ALL	25 1	SEAMLESS STL. ASTM A53 GRADE A SCH 40 BLACK	FLG 1/2" THK. 300 KUNGER SIL ASS-BES- TOS FREE	FLG 150 ASA			
	12 1/2 BAR 35 1/2 BAR								
CONTROL AIR	7 1/4 BAR		10 375	COPPER TUBE TYPE K					
VALVES									
SYSTEM	TYPE	SIZE	BODY MATERIAL	TRIM MATERIAL	BONNET CONN				
COMPRESSED AIR	ALL	32 1-25	FORGED STEEL	BRONZE OR STAIN-LESS STEEL	FLG 300 KUNGER SIL ASS-BES- TOS FREE ASA				
	17 1/2 BAR W/ 1-5"	40	CAST STEEL						
	7 1/2 BAR W/ P								
CONTROL AIR	ALL	32 1-25	BAR STOCK	STEEL	SCW				
	ALL	1-25	BAR STOCK	STEEL	SCW				

AIR RECEIVER CAPACITIES				
INS OFF	SERVICE	CAPACITY	WORKING PRESSURE	RELIEF 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	300 M <sup>3</sup> /HR FAD	18-6 BAR
1	DEAD SHIP AIR COMPRESSOR	DIESEL ENGINE DRIVEN HAND START	15 M <sup>3</sup> /HR FAD	10-0 BAR

## REFERENCES

## GENERAL NOTES

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

#25

Canadian  
Coast Guard

**PROJECT** **HULL N° 72**

**TITLE** COMPRESSED AIR DIAGRAM:

DRAWN BY: <u>WALMSLEY</u>		CHECKED BY: <u>[Signature]</u>		DATE: <u>MARCH 28-84</u>		<b>REVISION N°</b>	
APPR.	SENT	APPR.	SENT				
OWNER	4,248.4	5,226.4					
LIOTOS	■	6,148.4					
A.B.S.							
S.B.B.	4,248.4	5,248.4					
Scale.				Accounting 2011			

DRG. N°: 72-758