MATERIAL SPECIFICATION

SYSTEM	PRESS	TEMP	SIZE	MATERIAL	CERT	CONN	GASK
FUEL OIL SERVICE	35-6 BAR	35°C	ALL	SEAMLESS STL ASTM A53 GRADE A SCH 40 BLACK		FLG 150	1/16" THK KLINGER SIL ASBESTOS FREE
FUEL TANK VENTS	STATIC HD OF SYS		100(4") & ABOVE	E.R.W. BLACK STL ASTM A53 GR 'A' SCH 40			
			BELOW 100(4")	CONT. WELD			
FUEL TANK SOUNDING			50 2"	CONT WELD BLK STL ASTM A53 GRA SCH80			

VALVES

SYSTEM	TYPE	SIZE	BODY MATERIAL	TRIM MATER'L	BONNET CONN	CONN
FUEL OIL SERVICE	ALL	ALL	BRONZE	BRONZE	BOLTED	FLG

TANK CAPACITY

TANK	SPECIFIC GRAVITY	CAPACITY AT 98% FULL
F.O. DAY TANK	0.85	21.9 TONNES
F.O. SETTLING TANK		25.6
EMERG. GENERATOR SERVICE TANK		0.9
OIL FUEL SPILL. TANK		3.3
SLUDGE TANK		2.0
PURIFIER OPERATING WATER TANK		5000 LITERS
AUXIL GENERATOR FLOAT VALVE TANK	0.85	2000 LITERS

REFERENCES

BILGE AND BALLAST DIAGRAMM DRWG. 72-761
FUEL OIL TRANSFER " " " 752

No OFF	TYPE	CAPACITY	HEAD
1	FUEL OIL BOOSTER PUMP (PUMPS & MOTOR)	1.56 M^3-HR	35 METERS
2	ALFA LAVAL MODEL WHPX 405	2.9 M^3-HR	15 METERS

GENERAL NOTES

1) ALL TANK VENTS AREAS TO BE 25% OVER CLASSIFICATION SOCIETY REQUIREMENTS.
2) ALL QUICK CLOSING VALVES TO BE OPERABLE FROM A SAFE POSITION OUTSIDE MACHINERY SPACE.
3) ALL PURIFIERS, FILTERS, VALVE MANIFOLDS, ETC. TO BE FITTED WITH STEEL DRIP PANS.
4) FUEL OIL PURIFIERS TO BE CAPABLE OF BEING STOPPED OUTSIDE OF MACHINERY SPACE.
5) FLEXIBLE PIPES TO BE LLOYDS TYPE APPROVED.
6) FUEL TANKS VENTS OUTLETS TO BE FITTED WITH VENT CHECK VALVES C/W FLAME SCREENS.
7) EMERGENCY GENERATOR TANK TO BE FITTED WITH SEETRU GAUGE.
8) A COMPLETE SPARE MAIN ENGINE FUEL PUMP TO BE PROVIDED.
9) HIGH PRESSURE FUEL INJECTION PIPE TO BE SHIELDED AS PER CLASSIFICATION SOCIETY RULES.
10) * ASTERISK DENOTES ITEMS SUPPLIED WITH MACHINERY.
11) PROPULSION GENERATORS FLOAT SWITCH VENT TO BE LED 2 METERS ABOVE MAIN DECK IN CASING AND RETURNED TO FUEL OIL DAY TANK.
12) PROPULSION GENERATORS FLOAT SWITCH VENT TO BE LED 2 METRES ABOVE MAIN DECK IN CASING AND RETURNED TO FUEL OIL DAY TANK.
13) FUEL TANK DRAINS
14) SAVEALLS
15) PURIFIER F.O. CROSS-OVER CONNECTION
16) F.O. RETURN CROSS-OVER CONNECTION
17) PURIFIER ROOM F.O. SUPPLY
18) SHORE CONNECTIONS

C.C.G.S. ANN HARVEY
NOVEMBER 1989
AS FITTED

Halifax-Dartmouth Industries Limited

Canadian Coast Guard / Garde côtière canadienne

PROJECT HULL Nº 72
TYPE 1100 NAVAIDS TENDER LIGHT ICEBREAKER

TITLE
FUEL OIL SERVICE DIAGRAM.

APPR.	SENT	APPR.	SENT	APPR.
OWNER	4-24-84	5.22.84		
LLOYDS	E	6.14.84.		
A.B.S.				
S.S.B.	4-24-84	5.31.84.		
Scale.		Account no.		

DRAWN by: A. WALMSLEY
CHECKED by:
DATE: MARCH 2 84
REVISION Nº. 16/07/90 AHA AA-7
DRG. Nº. NEB 72-753
Sheet 1 of 1

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SEE AHA FILE # AH7 NEB-104