



- LEGEND**
- GATE VALVE
 - GLOBE VALVE
 - JACKET WATER PIPING
 - SEA WATER PIPING
 - DUPLEX STRAINER
 - VENT VALVE
 - CHECK VALVE

IDENT.	QTY.	ITEM	DESCRIPTION	SIZE	MATERIAL	RATING	REMARKS
A	1	HEAT EXCHANGER	SINGLE PASS				SUPPLIED BY FINNING LTD
B	1	WATER MAKER	HEAT RECOVERY EVAPORATOR MAXIM MODEL H120A			50 GPH	
C	1	JACKET WATER CIRCULATING PUMP	MODEL H53		BRONZE		ELECT 1/2 HP
D	2	M.E. HEAT EXCHANGER ISOLATING VALVE - SEA WATER	BUTTERFLY, FLANGED	3"	BRONZE	150 PSI	
E	4	AUX HEAT EXCHANGER ISOLATING VALVE - SEA WATER	GATE, SCREWED	1 1/2"	BRONZE	150 PSI	
F	2	WATER MAKER ISOLATING VALVE	GATE, SCREWED	1"	BRONZE	150 PSI	
G			ITEM DELETED				
H	2	M.E. HEAT EXCHANGER ISOLATING VALVES - JACKET WATER	BUTTERFLY, FLANGED	5"	BRONZE	100 PSI	
I	1	MAIN ENGINE O/B DISCHARGE VALVE	GLOBE, SDNR, FLANGED	3"	BRONZE	150 PSI	
J	2	AUX ENGINE O/B DISCHARGE VALVE	GLOBE, SDNR, FLANGED	1 1/2"	BRONZE	150 PSI	
K	2	MAIN ENGINE SEA WATER SUCTION VALVE	GLOBE, FLANGED	3"	BRONZE B61	150 PSI	
L	4	AUX ENGINE SEA WATER SUCTION VALVE	GLOBE, FLANGED	1 1/4"	BRONZE B61	150 PSI	
M	1	MAIN ENGINE SEA WATER SUCTION CHECK VALVE	SWING CHECK, FLANGED	3"	BRONZE	150 PSI	
N	2	AUX ENGINE SEA WATER SUCTION CHECK VALVE	SWING CHECK, FLANGED	1 1/4"	BRONZE	150 PSI	
O			ITEM DELETED				
P			ITEM DELETED				
Q	1	MAIN ENGINE SEA WATER SUCTION STRAINER	DUPLEX, 150 LB FLANGED CONNECTIONS	3"	BRONZE	150 PSI	BRONZE BASKETS O-125" SCREEN MESH
R	2	AUX ENGINE SEA WATER SUCTION STRAINER	DUPLEX, 150 LB FLANGED CONNECTIONS	1 1/4"	BRONZE	150 PSI	BRONZE BASKETS O-125" SCREEN MESH

IDENT.	QTY.	ITEM	DESCRIPTION	SIZE	MATERIAL	REMARKS
1	1	3-WAY BALL VALVE	3" NPT BRASS	3"	BRASS	GSM
2	1	REDUCER BUSHING	3" TO 1.5" REDUCER	3" TO 1.5"	BRASS	GSM
3	1	BRASS TEE	1.5" CAST BRASS TEE	1.5"	BRASS	GSM
4	2	SWING CHECK VALVE	INLINE BRASS CHECK VALVE	1.5"	BRASS	GSM
5	2	SEA CHEST ISOLATION VALVE	BALL VALVE	1.5"	BRASS	GSM

Materials/Parts List

NO	Quantity	Description
1		

Reference Drawings

NO	Title	Drawing number
1	COOLING SYS. PIPING - PHYSICAL	H93-41

Government of Canada Fisheries and Oceans
Ship Branch Ottawa

PROJECT
FPV. ARROW POST

DRAWING
COOLING SYSTEM DIAGRAM.

date	JULY/92	scale	N.T.S.	dwg no	H93-33
drawn by	B.S.	checked by	R.C.	sheet	1 of 1
		revision no	.F.		

Canada

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NAVAL ARCHITECTS AND MARINE CONSULTANTS

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