

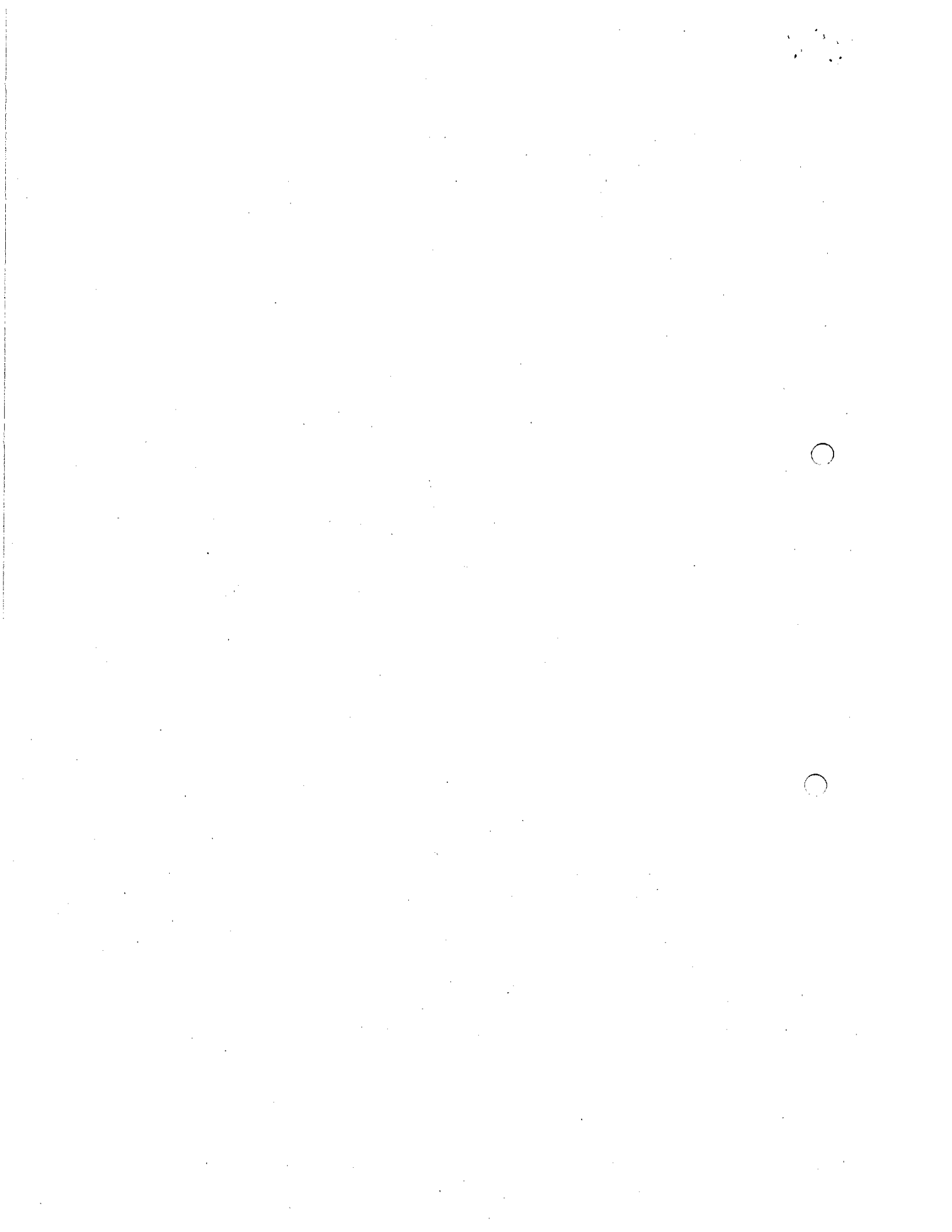
LIST OF VALVES

APPENDIX 2

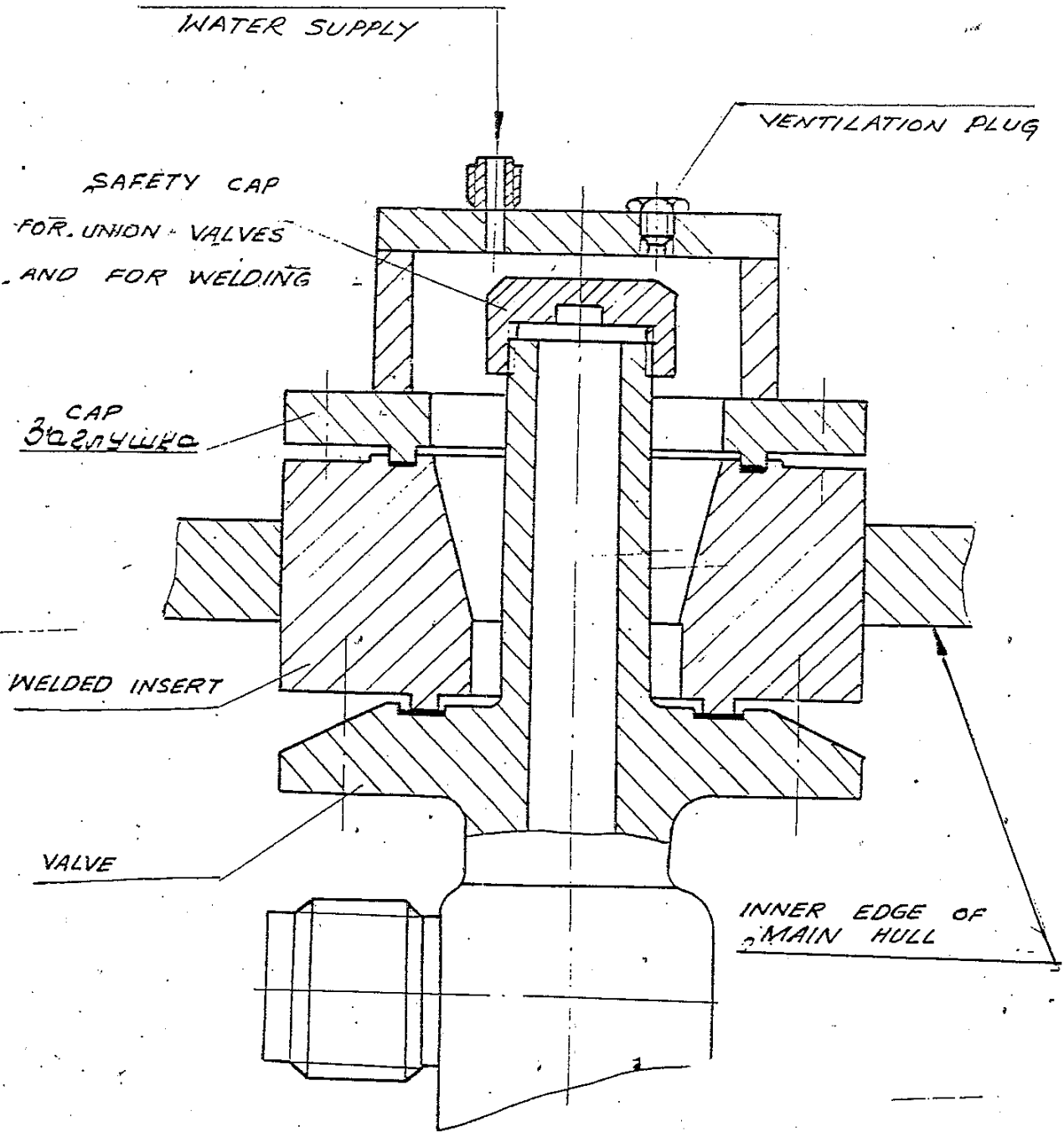
S.NO	SYSTEM		DESCRIPTION	DL#	PATTERN NO
1	Sprinkling	C1	KINGSTON WITH HYDRAULIC DRIVE AND MANUAL CONTROL ID 120	3.1.5	527-35.918-06
2	Oxygen bleeding	C1	ANGULAR STOP VALVE $\phi 6$ PR 200	3.1.6	521-21-024
3	T.T.Flood & drain	C1	BRONZE HULL STOP VALVE $\phi 32$ PR 40	3.1.7	587-03.112-36
4	T.T.Flood & drain	C1	BRONZE HULL STOP VALVE $\phi 32$ PR 40	3.1.7	587-03.112-36
5	Fuel tank no-3 vent	C1	ANGULAR STOP VALVE $\phi 20$ PR 64	3.1.18.1	521-03.520
6	Fuel system	C1	HULL FLANGE KINGSTON $\phi 50$ PR 40	3.1.25.3	527-03.066
7	Fuel system	C1	HULL FLANGE KINGSTON $\phi 50$ PR 40	3.1.25.3	527-03.066
8	Drain system	C1	HULL FLANGE KINGSTON $\phi 150$ PR 40	3.1.9.2	527-03.070
9	Depth measuring	C1	ANGULAR STOP VALVE $\phi 10$ PR 64	3.1.12	521-03.519
10	Diver supply & exhaust	C1	HULL VALVE WITH DOUBLE SIDED DRIVE $\phi 40$ PR 40	3.1.3.4	521-35.2703-01
11	Diver supply & exhaust	C1	HULL VALVE WITH DOUBLE SIDED DRIVE $\phi 40$ PR 40	3.1.3.4	521-35.2703-01
12	Emergency & safety	C1	BRONZE ANGLE UNION TYPE STOP VALVE WITH HULL FLANGE $\phi 32$ PR 64	3.1.3.3	521-03.521
13	Emergency & safety	C1	BRONZE ANGLE UNION TYPE STOP VALVE WITH HULL FLANGE $\phi 32$ PR 64	3.1.3.3	521-03.521
14	Portable washing & waste	C1	ANGLE UNION TYPE STOP VALVE WITH HULL FLANGE $\phi 20$ PR 64	3.1.10.1	521-03.520
15	Portable washing & waste	C1	SINGLE FLOW STOP HULL VALVE WITH A FLAP $\phi 50$ PR 40	3.1.10.2	521-35.3206
16	H.P.Air.	C1	NON RETURN ANGLE UNION VALVE $\phi 20$ PR 400	3.1.1.1	522-35.3952
17	Air for out-board appliance	C1	BRONZE ANGLE UNION TYPE STOP VALVE WITH HULL FLANGE ID-10.P-64	3.1.2	521-03.519
18	H.P.Air.	C1	BRONZE ANGLE HULL CHECK VALVE $\phi 32$ PR 400	3.1.1.2	522-35.3555
19	H.P.Air.	C1	BRONZE ANGLE HULL CHECK VALVE $\phi 32$ PR 400	3.1.1.2	522-35.3555
20	H.P.Air.	C1	BRONZE ANGLE HULL CHECK VALVE $\phi 32$ PR 400	3.1.1.2	522-35.3555
21	H.P.Air.	C1	BRONZE ANGLE HULL CHECK VALVE $\phi 32$ PR 400	3.1.1.2	522-35.3555
22	H.P.Air.	C1	BRONZE ANGLE HULL CHECK VALVE $\phi 32$ PR 400	3.1.1.2	522-35.3555
23	H.P.Air.	C1	BRONZE ANGLE HULL CHECK VALVE $\phi 32$ PR 400	3.1.1.2	522-35.3555
24	AIV (Torpedo system)	C1	ANGULAR FLANGE TYPE STOP VALVE WITH HYDRAULIC DRIVE AND MANUAL CONTROL 80 PR 40	3.1.8.1	587-03.138-08
25	AIV (Torpedo system)	C1	VENTILATION VALVE BRONZE CISTERN 200 PR 16	3.1.8.2	5221-35.3008-02
26	Snorkel	C2	ONBOARD FLANGE KINGSTON VALVE DIA 40 PR 40	3.1.21.2	527-35.1065
27	Snorkel	C2	SHUT-OFF FLANGE NIPPLE VALVE DIA 20 PR 100	3.1.21.1	521-03.523
28	Auxiliary Cooling system	C2	KINGSTON VALVE DIA 150 PR 40 WITH HYDRAULIC DRIVE AND MANUAL CONTROL VERSION-II	3.1.11.2	527-35-978-25
29	Auxiliary Coolers outlet	C2	KINGSTON VALVE DIA 150 PR 40 WITH HYDRAULIC DRIVE AND MANUAL CONTROL VERSION-II	3.1.35.5	527-35.919
30	Uzel	C2	SHUT-OFF FLANGE NIPPLE VALVE DIA 20 PR 64	3.1.27	521-03.520
31	Uzel	C2	SHUT-OFF FLANGE NIPPLE VALVE DIA 20 PR 64	3.1.27	521-03.520
32	Log	C2	SHUT-OFF FLANGE NIPPLE VALVE DIA 20 PR 64	3.1.28	521-03.520
33	Log	C2	SHUT-OFF FLANGE NIPPLE VALVE DIA 20 PR 64	3.1.28	521-03.520
34	Log	C2	SHUT-OFF FLANGE NIPPLE VALVE DIA 20 PR 64	3.1.28	521-03.520
35	Portable washing & waste	C2	ONBOARD FLANGE KINGSTON VALVE DIA 50 PR 40	3.1.10.2	527-35.1066
36	Drain system	C2	KINGSTON VALVE DIA 100 PR 40 WITH HYDRAULIC DRIVE AND MANUAL CONTROL	3.1.9.2	527-35-918
37	Drain system	C2	KINGSTON VALVE DIA 100 PR 40	3.1.9.2	527-03.1069
38	Drain system	C2	ONBOARD KINGSTON VALVE WITH FLYWHEEL DIA 50 PR 40	3.1.9.1	527-35.1066
39	Emergency & safety	C2	ONBOARD VALVE WITH DUAL DRIVE DIA 40 PR 40	3.1.3.4	521-35.2703-01
40	Emergency & safety	C2	ONBOARD VALVE WITH DUAL DRIVE DIA 40 PR 40	3.1.3.4	521-35.2703-01
41	Emergency & safety	C2	BRONZE SHUT-OFF ANGLE NIPPLE VALVE WITH SIDE FLANGE DIA 10 PR 64	3.1.3.1	521-03.519
42	Emergency & safety	C2	BRONZE SHUT-OFF ANGLE NIPPLE VALVE WITH SIDE FLANGE DIA 32 PR 64	3.1.3.3	521-03.521
43	Emergency & safety	C2	BRONZE SHUT-OFF ANGLE NIPPLE VALVE WITH SIDE FLANGE DIA 32 PR 64	3.1.3.3	521-03.521
44	Emergency & safety	C2	ANGLE SHUT OFF VALVE DIA 20 PR 64	3.1.3.2	521-03.520
45	Depth measuring	C2	ANGLE SHUT OFF VALVE DIA 10 PR 64	3.1.12	521-03.519
46	Whistle and syren	C2	BRONZE SHUT-OFF ANGLE NIPPLE VALVE WITH SIDE FLANGE DIA 10 PR 64		521-03.519
47	H.P.Air.	C2	NON-RETURN ADJUSTABLE ANGLE NIPPLE VALVE DIA 20 PR 400	3.1.1.1	522-35.3952
48	H.P.Air.	C2	ON BOARD ANGLE BRONZE NON-RETURN VALVE DIA 32 PR 400	3.1.1.2	522-35.3555-03
49	H.P.Air.	C2	ON BOARD ANGLE BRONZE NON-RETURN VALVE DIA 32 PR 400	3.1.1.2	522-35.3555-03
50	H.P.Air.	C2	ON BOARD ANGLE BRONZE NON-RETURN VALVE DIA 32 PR 400	3.1.1.2	522-35.3555-03
51	H.P.Air.	C2	ON BOARD ANGLE BRONZE NON-RETURN VALVE DIA 32 PR 400	3.1.1.2	522-35.3555-03

S.NO	SYSTEM		DESCRIPTION	DL#	PATTERN NO
52	H.P.Air.	C2	ON BOARD ANGLE BRONZE NON-RETURN VALVE DIA32PR 400	3.1.1.2	522-35.3555-03
53	H.P.Air.	C2	ON BOARD ANGLE BRONZE NON-RETURN VALVE DIA32PR 400	3.1.1.2	522-35.3555-03
54	DYK	C2	SHUT-OFF ANGLE NIPPLE VALVE WITH SIDE FLANGE DIA 20 PR 64	3.1.22	521-03.520
55	LOG	C2	SHUT-OFF ANGLE NIPPLE VALVE WITH SIDE FLANGE DIA 20 PR 64	3.1.28	521-03.520
56	LOG	C2	SHUT-OFF ANGLE NIPPLE VALVE WITH SIDE FLANGE DIA 20 PR 64	3.1.28	521-03.520
57	Snorkel	C2	SNORT MAST DRAIN VALVE DIA- 80,PR-100		527-35.1068
58	Fuel system	C3	SHUT-OFF ANGEL VALVE DIA 20 PY 45	3.1.25.1	521-03-520
59	Fuel system	C3	SHUT-OFF ANGEL VALVE DIA 20 PY 45	3.1.25.1	521-03-520
60	Fuel system	C3	HULL FLANGE KINGSTON VALVE DIA 50 PY 40	3.1.25.3	527-03-066
61	Fuel system	C3	HULL FLANGE KINGSTON VALVE DIA 50 PY 40	3.1.25.3	527-03-066
62	Fuel system	C3	HULL FLANGE KINGSTON VALVE DIA 50 PY 40	3.1.25.3	527-03-066
63	Fuel system	C3	HULL FLANGE KINGSTON VALVE DIA 50 PY 40	3.1.25.3	527-03-066
64	Draining of igla container	C3	ANGLE SHEET-OFF VALVE DIA 20 PY 40	3.1.9.3	521-03-520
65	H.P.Air.	C3	HULL ANGLE BRONZE VALVE DIA 32 PY 400	3.1.1.2	522-35.3555-03
66	H.P.Air.	C3	HULL ANGLE BRONZE VALVE DIA 32 PY 400	3.1.1.2	522-35.3555-03
67	H.P.Air.	C3	HULL ANGLE BRONZE VALVE DIA 32 PY 400	3.1.1.2	522-35.3555-03
68	H.P.Air.	C3	HULL ANGLE BRONZE VALVE DIA 32 PY 400	3.1.1.2	522-35.3555-03
69	Lavatory arrangement	C3	HULL SHUT -OFF SINGLE FLOW DIA 50 PY 40	3.1.20	521-35.3206
70	H.P.Air.	C4	HIGH PRESSURE AIR SYSTEM BLOWING VALVE(P) DIA32PR400	3.1.1.2	522-35.3555-03
71	H.P.Air.	C4	HIGH PRESSURE AIR SYSTEM BLOWING VALVE(S) DIA32PR400	3.1.1.2	522-35.3555-03
72	Fuel system	C4	FUEL TANK VENT VALVE DIA 20 PR 45	3.1.25.1	521-03-520
73	Fuel system	C4	VENT VALVE FOR PRESSURE EQUALISATION COMPARTMENT DIA 20 PR 45	3.1.25.1	521-03-520
74	Fuel system	C4	FUEL TANK VENT VALVE DIA20PR 45	3.1.25.1	521-03-520
75	Fuel system	C4	KINGSTON VV REPLACING FUEL DIA 80 PR40	3.1.25.2	527-35.1068/527-03.068
76	Fuel system	C4	KINGSTON VALVE REPLACING FUEL DIA 80 PR 40	3.1.25.2	527-35.1068/527-03.068
77	Fuel system	C4	KINGSTON VALVE FILLING FUEL DIA 80 PR 40	3.1.25.2	527-35.1068/527-03.068
78	Fuel system	C4	KINGSTON VALVE FILLING & COMSUMPTION FUEL DIA50 PR 40	3.1.25.3	527-35.1066/527-03.066
79	Fuel system	C4	KINGSTON VALVE FILLING FUEL DIA50 PR40	3.1.25.3	527-35.1066/527-03.066
80	Fuel system	C4	KINGSTON VALVE FILLING FUEL DIA 50PR40	3.1.25.3	527-35.1066/527-03.066
81	Fuel system	C4	KINGSTON VALVE FILLING & COMSUMPTION FUEL DIA50 PR 40	3.1.25.3	527-35.1066/527-03.066
82	A/C & Ventilation	C4	VENT VALVE DIA 20 PR 64	3.1.18.1	521-03.520
83	Port air induction hull valve	C4	VENTILATION HULL VALVE DIA350PR40	3.1.18.2	NA
84	DG Cooling system	C4	INTAKE KINGSTON OF DIESEL GENERATOR COOLING SYSTEM DIA150PR40	3.1.11.2	527-35.919/527-35.978
85	DG Cooling system	C4	INTAKE KINGSTON OF DIESEL GENERATOR COOLING SYSTEM DIA150PR40	3.1.11.2	527-35.919/527-35.978
86	DG Starting Air.	C4	THROTTLE VV. OF STARTING AIR BOTTLE DIA10PR64	3.1.13.2	521-03.519
87	DG Starting Air.	C4	VALVE OF STARTING AIR BOTTLE DIA-32, PR-64	2.10.2.3	521-03.521
88	Loading of oil	C4	KINGSTON VALVE FOR FILLING OIL DIA-80, PR-40.	3.1.26	527-35.1068, 527-03.068
89	DG Cooling system	C4	KINGSTON DISCHARGE VALVE OF DIESEL GENERATOR COOLING SYSTEM DIA-100, PR- 40	3.1.11.1	527-35.975-09
90	DG Cooling system	C4	KINGSTON DISCHARGE VALVE OF DIESEL GENERATOR COOLING SYSTEM DIA-100, PR- 40	3.1.11.1	527-35.975-09
91	Depth measuring	C4	GAUGE PIPELINE DIA-10, PR- 64.	3.1.12	521-03.519
92	Drain system of the snorkel exhaust	C4	VALVE FOR DRAINING WATER SNORT SYSTEM VENT DIA-50, PR-100	3.1.14	521-35.2795.
93	Drain system of the snorkel exhaust	C4	VALVE FOR DRAINING WATER SNORT SYSTEM VENT DIA50PR100	3.1.14	521-35.2795.
94	Exhaust gas system	C4	INTERNAL FLAP ID-300.	3.1.15	529-45.797
95	Exhaust gas system	C4	INTERNAL FLAP ID-300.	3.1.15	529-45.796
96	Drain system	C4	KINGSTON VALVE FOR DRAINAGE FROM AIR SUPPLY PIPELINE DIA-40, PR-40	3.3.16.1	527-35.1065, 527-03.065
97	Stbd air induction hull vv.	C4	VENTILATION HULL VALVE DIA-450	3.1.16	549-45.257.
98	Exhaust gas system	C4	GAS VENT GAUGE PIPELINE VALVE DIA-10, PR- 64	3.1.23	521-03.529
99	Exhaust gas system	C4	GAS VENT GAUGE PIPELINE VALVE DIA-10, PR- 64	3.1.23	521-03.519
100	H.P.Air.	C5	BRONZE ANGLE HULL VALVE DIA 32 PR 400	3.1.1.2	522-35.3555-03
101	H.P.Air.	C5	BRONZE ANGLE HULL VALVE DIA 32 PR 400	3.1.1.2	522-35.3555-03

S.NO	SYSTEM		DESCRIPTION	DL#	PATTERN NO
102	H.P.Air.	C5	BRONZE ANGLE HULL VALVE DIA 32 PR 400	3.1.1.2	522-35.3555-03
103	H.P.Air.	C5	BRONZE ANGLE HULL VALVE DIA 32 PR 400	3.1.1.2	522-35.3555-03
104	Hydraulic system	C5	ANGLE SHUTT OFF VALVE DIA 32 PR 64	3.1.4	521-03.521
105	SSE	C5	UNION ANGLE SHUTT OFF V/V DIA 20 PR 64	3.3.4.1	521-03.520
106	Auxiliary & Diesel cooling	C5	KINGSTON VALVE WITH HYD.& MANUAL DRIVE DIA 100 PR 40	3.1.13.4	521-35.975-06
107	Auxiliary & Diesel cooling	C5	KINGSTON VALVE WITH HYD.& MANUAL DRIVE DIA 100 PR 40	3.1.13.4	521-35.975-06
108	Auxiliary & Diesel cooling	C5	KINGSTON VALVE WITH HYD.& MANUAL DRIVE DIA 100 PR 40	3.1.13.1	527-35.975-09
109	Fuel system	C5	SHUTT OFF ANGLE VALVE DIA 20 PR 45	3.1.25.1	527-03.520
110	Fuel system	C5	SHUTT OFF ANGLE VALVE DIA 20 PR 45	3.1.25.1	527-03.520
111	Fuel system	C5	FLANGE HULL KINGSTON V/V DIA 50 PR 40	3.1.25.3	527-35.066
112	Fuel system	C5	FLANGE HULL KINGSTON V/V DIA 50 PR 40	3.1.25.3	527-35.066
113	Fuel system	C5	FLANGE HULL KINGSTON V/V DIA 50 PR 40	3.1.25.3	527-35.066
114	Fuel system	C5	FLANGE HULL KINGSTON V/V DIA 50 PR 40	3.1.25.3	527-35.066
115	Portable washing & waste	C5	FLANGE HULL KINGSTON V/V DIA 50 PR 40	3.1.10.2	527-35.066
116	H.P.Air.	C6	NON-RETURN ADJUSTABLE ANGLE NIPPLE VALVE DIA 20 PY 400	3.1.1.1	522-35-3952
117	H.P.Air.	C6	HULL ANGLE BRONZE NON-RETURN VALVE DIA32PR400	3.1.1.2	522-35-3555-03
118	H.P.Air.	C6	HULL ANGLE BRONZE NON-RETURN VALVE DIA32PR400	3.1.1.2	522-35-3555-03
119	Emergency & safety	C6	KINGSTON HULL FLANGE VALVE DIA150 PR 40	3.1.3.5	527-03-070
120	Emergency & safety	C6	HULL VALVE WITH DUAL DRIVE DIA 40 PR 40	3.1.3.4	521-35-2703-01
121	Emergency & safety	C6	HULL VALVE WITH DUAL DRIVE DIA 40 PY 40	3.1.3.4	521-35-2703-01
122	Emergency & safety	C6	ANGLE SHUT OFF NIPPLE BRONZE VALVE WITH SIDE FLANGE 32 PR 64	3.1.3.3	521-03-521
123	Emergency & safety	C6	ANGLE SHUT OFF NIPPLE BRONZE VALVE WITH SIDE FLANGE 32 PR 64	3.1.3.3	521-03-521
124	Drain system	C6	KINGSTON VALVE DIA 100 PR 40	3.1.9.2	527-35-975-06



APPENDIX-3.
TESTING THE FLANGED JOINT VALVE WITH WELDED INSERT



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ПОДПИСЬ И ДАТА
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10/8

Project Manager
(EUM)