



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

<u>Part</u>	<u>Description / Size</u>	<u>Qty</u>
AB3933	ASSEMBLY HYDRAULICS MBARI ROV	1
AB4239	G. A. 4000M MBARI QUANTUM ROV	0
AB4492	DRAWING ROV INTERFACE / SLED & INSTRUMENT FRAME	0
AB4312	ASSEMBLY BASE CHASSIS / MBARI QUANTUM	1
AB4844	ASSEMBLY - PRESSURE TESTING TO 4KM	1
AB5204	ASSEMBLY ROV BUOYANCY/PAYLOAD/PADS / MBARI QUANTUM	1
AB5381	ASSEMBLY ROV BRACKETS / MBARI QUANTUM	1
AB5465	ASSEMBLY LIFTPOINT / MBARI QUANTUM	1
AB5969	ASSEMBLY ELECTRICS - MBARI ROV	1
AB6405	LOAD TEST FRAME FOR C903RV	0
AB9187	LABEL MBARI QUANTUM	2
AC0837	ASSEMBLY - FUSE TESTING	1

MBARI - TIBURON
ROV Parts List

<u>Part</u>	<u>Description / Size</u>	<u>Qty</u>
AB3933	ASSEMBLY HYDRAULICS MBARI ROV	1
. AB3934	HYD CIRCUIT AND FITTINGS ASSEMBLY / MBARI ROV	1
. . AB8239	ASSEMBLY DECKPACK CONNECTION RETURN / NON-BSP	1
. . PH9935	ASSEMBLY 1-1/2" SAE 3000 SPLIT CLAMPS SS	1
. . PJ8683	ASSEMBLY 1-1/4" SAE 6000 1/2 CLAMPS SS	2
. . PJ8992	ASSEMBLY 2-1/2" SAE 3000 SPLIT CLAMPS SS	2
. . AB8238	ASSEMBLY DECK CONNECTION PRESSURE / NON-BSP	1
. . AB2592	ASSEMBLY PUMP OUTLET MANIFOLD	1
. . AB7074	ASSEMBLY SUCTION FOR 140CC PUMP	1
. HTE 380BA-45	THRUSTER CURVETECH 380mm, 45cc BA motor / STD	7
. . DV 3820	KORT NOZZLE ASSEMBLY HTE 380	7
. . DV 3821	PEDESTAL / BEARING HOUSING ASSY HTE 380	7
. . . KT 3001	SEAL KIT, HT300/380, HI-PERF	7
. . . DV 3823	SHAFT ASSEMBLY HTE 380 / 300	7
. . DV 3822	PROPELLOR ASSEMBLY HTE 380	7
. . DV 3018	MOTOR ASSY 45CC BA	7
. AB4013	ASSEMBLY 8-STATION iTCU (RS485) /	1
. . AA1557	ASSEMBLY PUMP CONTROL BLOCK	1
. . AB7521	ASSEMBLY HARNESES - TCU - MBARI	1
. AB4015	ASSEMBLY 12-STATION HCU / MBARI	1
. . AB7522	ASSEMBLY HARNESES - HCU - MBARI	1
. AB4235	ASSEMBLY FILTER PRESSURE / 1-1/4"SAE 6K / 7 MICRON / 4.5 BAR BYP/	1
. AB4236	ASSEMBLY FILTER RETURN / 1-1/4"SAE J514 / 7 MICR / 4.5 BAR BYPASS	1
. AB4081	ASSEMBLY ROV HPU 75HP	1
. . AB4079	ASSEMBLY MOTOR 75HP 3.3kV 4P 60HZ	1
. . . AB0614	PENETRATOR WATER BLOCKED / 3000VAC 50AMP	1
. . KT 4017-4	PP TO PUMP INTERFACE KIT 100-60HP / A10VSO100	1
. AB5673	ASSEMBLY QUANTUM 18L RESERVOIR	1
. EV 4002-10	1 PINT PRESS COMP, 10PSI, 6000M, BSPP / 0.7BAR	1
. . DV 3007	Diaphragm 1 Pint Compensator / Modified	1
. EV 4003-22	COMP 2.75L 7-14PSI 4 x #6 SAE Mk 2 / ALU	4

MBARI - TIBURON
ROV Parts List

. EV 4016-4	6.3L COMP LINEAR SENSOR KIT 24V / Mk 2	1
. . AA0572	LINEAR SENSOR PCB 24V 250 LONG	1
. EV 4013-11	2.75L COMP LINEAR SENSOR KIT 24V / Mk 2	4
. . AA0572	LINEAR SENSOR PCB 24V 250 LONG	4
. AB7441	ASSEMBLY AUXILIARY MANIFOLD	1
. AB7698	ASSEMBLY VB PUMP MANIFOLD	1
AB4312	ASSEMBLY BASE CHASSIS / MBARI QUANTUM	1
. AB7375	ASSEMBLY SKIDS & GRATING / MBARI	1
AB4844	ASSEMBLY - PRESSURE TESTING TO 4KM	1
. AB0745	ASSEMBLY 24V - 5V REGULATOR	1
. AB5086	ASSEMBLY 24V - 12V REGULATOR	1
AB5204	ASSEMBLY ROV BUOYANCY/PAYLOAD/PADS / MBARI QUANTUM	1
AB5381	ASSEMBLY ROV BRACKETS / MBARI QUANTUM	1
. AB1169	ASSEMBLY 8ST ITCU MOUNTS	1
. AA1075	ASSEMBLY 1 PINT COMP BRACKET	1
. AB5388	ASSEMBLY RESERVOIR MOUNT	1
. AB7188	ASSEMBLY 12-ST HCU MOUNT	1
. AB7187	ASSEMBLY ALTIMETER MOUNT	1
. AB6675	ASSEMBLY LIGHTING BAR	1
. AB7185	ASSEMBLY POD BRACKETS / 4000m POD	1
. AB6995	ASSEMBLY HPU BRACKETS	1
. AB7439	ASSEMBLY LD BOX MOUNTS /	1
. AB7440	ASSEMBLY JB MOUNTS	2
. AB7444	ASSEMBLY VB SYSTEM MOUNTINGS	1
. AB7446	ASSEMBLY LAMP BALLAST POD MOUNTS	1
. AB7443	ASSEMBLY TITAN MANIP MOUNT LH	1
. AB7905	ASSEMBLY 2.75L COMP MOUNTS	2
. AB8146	ASSEMBLY TCU FILTER BRACKETS	1
. AB8707	ASSEMBLY SCIENCE BOX MOUNT	1
. AB8749	ASSEMBLY DVL MOUNT	1
AB5465	ASSEMBLY LIFTPOINT / MBARI QUANTUM	1
. AB5729	ASSEMBLY LAUNCH BLOCK	1

Structures

MBARI - TIBURON
ROV Parts List

AB5969		ASSEMBLY ELECTRICS - MBARI ROV	1
. AB5970		ASSEMBLY JB 1 - MBARI ROV	1
	. . AB6442	ASSEMBLY HOUSING JB1 - MBARI	1
	. . AB7263	ASSEMBLY WAGO JB1 - MBARI	1
	. . AB7267	ASSEMBLY HARNESSSES JB1 - MBARI	1
	. . AB8875	ASSEMBLY CIRCUIT PCB - 5V REGULATOR	1
. AB5971		ASSEMBLY JB 2 - MBARI ROV	1
	. . AB6443	ASSEMBLY HOUSING JB2 - MBARI	1
	. . AB7264	ASSEMBLY WAGO JB2 - MBARI	1
	. . AB7291	ASSEMBLY HARNESSSES JB2 - MBARI	1
	. . AB8875	ASSEMBLY CIRCUIT PCB - 5V REGULATOR	1
. AB5972		ASSEMBLY LAMP DIMMING JB - MBARI ROV	1
. AB6314		ASSEMBLY POD - MBARI ROV	1
	. . AB6870	ASSEMBLY VACUUM PORT /	1
	. . AB6316	ASSEMBLY POD ELECTRONICS - MBARI ROV	1
	. . . AB6962	ASSEMBLY WAGO - MBARI POD	1
	. . . AB7542	ASSEMBLY SIGNALS ISOLATION BOARD	1
. AB6614		ASSEMBLY UMBILICAL TERMINATION - MBARI	1
	. . AB6714	ASSEMBLY COVERS UMB TERM /	1
	. . AB6615	ASSEMBLY INTERNAL PARTS / ELECTRICAL TERMINATION MBARI	1
	. . AB7292	ASSEMBLY HARNESSSES UMB TERM - MBARI	1
	. . AB7438	ASSEMBLY UMBILICAL GLAND / MBARI ROV	1
. AB5973		ASSEMBLY 'UN-ATTACHED' HARNESSSES MBARI	1
. AA2919		ASSEMBLY GYRO	1
AC0837		ASSEMBLY - FUSE TESTING	1



MBARI - TIBURON
ROV Parts List

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<u>Part</u>	<u>Description / Size</u>	<u>Qty</u>
. . AA0572	LINEAR SENSOR PCB 24V 250 LONG	1
. . AA0572	LINEAR SENSOR PCB 24V 250 LONG	4
. AA1075	ASSEMBLY 1 PINT COMP BRACKET	1
. . AA1557	ASSEMBLY PUMP CONTROL BLOCK	1
. AA2919	ASSEMBLY GYRO	1
. . . AB0614	PENETRATOR WATER BLOCKED / 3000VAC 50AMP	1
. AB0745	ASSEMBLY 24V - 5V REGULATOR	1
. AB1169	ASSEMBLY 8ST ITCU MOUNTS	1
. . AB2592	ASSEMBLY PUMP OUTLET MANIFOLD	1
AB3933	ASSEMBLY HYDRAULICS MBARI ROV	1
. AB3934	HYD CIRCUIT AND FITTINGS ASSEMBLY / MBARI ROV	1
. . AB4079	ASSEMBLY MOTOR 75HP 3.3kV 4P 60HZ	1
. AB4013	ASSEMBLY 8-STATION ITCU (RS485) /	1
. AB4015	ASSEMBLY 12-STATION HCU / MBARI	1
. AB4081	ASSEMBLY ROV HPU 75HP	1
. AB4235	ASSEMBLY FILTER PRESSURE / 1-1/4"SAE 6K / 7 MICRON / 4.5 BAR BYP/	1
. AB4236	ASSEMBLY FILTER RETURN / 1-1/4"SAE J514 / 7 MICR / 4.5 BAR BYPASS	1
AB4312	ASSEMBLY BASE CHASSIS / MBARI QUANTUM	1
AB4844	ASSEMBLY - PRESSURE TESTING TO 4KM	1
AB5204	ASSEMBLY ROV BUOYANCY/PAYLOAD/PADS / MBARI QUANTUM	1
. AB5086	ASSEMBLY 24V - 12V REGULATOR	1
AB5381	ASSEMBLY ROV BRACKETS / MBARI QUANTUM	1
. AB5388	ASSEMBLY RESERVOIR MOUNT	1
AB5465	ASSEMBLY LIFTPOINT / MBARI QUANTUM	1
. AB5673	ASSEMBLY QUANTUM 18L RESERVOIR	1
. AB5729	ASSEMBLY LAUNCH BLOCK	1
AB5969	ASSEMBLY ELECTRICS - MBARI ROV	1
. AB5970	ASSEMBLY JB 1 - MBARI ROV	1
. AB5971	ASSEMBLY JB 2 - MBARI ROV	1
. AB5972	ASSEMBLY LAMP DIMMING JB - MBARI ROV	1

Tree

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ROV Parts List

. AB5973	ASSEMBLY 'UN-ATTACHED' HARNESES MBARI	1
. AB6314	ASSEMBLY POD - MBARI ROV	1
. . AB6316	ASSEMBLY POD ELECTRONICS - MBARI ROV	1
. . AB6442	ASSEMBLY HOUSING JB1 - MBARI	1
. . AB6443	ASSEMBLY HOUSING JB2 - MBARI	1
. . AB6615	ASSEMBLY INTERNAL PARTS / ELECTRICAL TERMINATION MBARI	1
. AB6614	ASSEMBLY UMBILICAL TERMINATION - MBARI	1
. AB6675	ASSEMBLY LIGHTING BAR	1
. . AB6714	ASSEMBLY COVERS UMB TERM /	1
. . AB6870	ASSEMBLY VACUUM PORT /	1
. . . AB6962	ASSEMBLY WAGO - MBARI POD	1
. AB6995	ASSEMBLY HPU BRACKETS	1
. . AB7074	ASSEMBLY SUCTION FOR 140CC PUMP	1
. AB7185	ASSEMBLY POD BRACKETS / 4000m POD	1
. AB7187	ASSEMBLY ALTIMETER MOUNT	1
. AB7188	ASSEMBLY 12-ST HCU MOUNT	1
. . AB7263	ASSEMBLY WAGO JB1 - MBARI	1
. . AB7264	ASSEMBLY WAGO JB2 - MBARI	1
. . AB7267	ASSEMBLY HARNESES JB1 - MBARI	1
. . AB7291	ASSEMBLY HARNESES JB2 - MBARI	1
. . AB7292	ASSEMBLY HARNESES UMB TERM - MBARI	1
. AB7375	ASSEMBLY SKIDS & GRATING / MBARI	1
. . AB7438	ASSEMBLY UMBILICAL GLAND / MBARI ROV	1
. AB7439	ASSEMBLY LD BOX MOUNTS /	1
. AB7440	ASSEMBLY JB MOUNTS	2
. AB7441	ASSEMBLY AUXILIARY MANIFOLD	1
. AB7443	ASSEMBLY TITAN MANIP MOUNT LH	1
. AB7444	ASSEMBLY VB SYSTEM MOUNTINGS	1
. AB7446	ASSEMBLY LAMP BALLAST POD MOUNTS	1
. . AB7521	ASSEMBLY HARNESES - TCU - MBARI	1
. . AB7522	ASSEMBLY HARNESES - HCU - MBARI	1
. . . AB7542	ASSEMBLY SIGNALS ISOLATION BOARD	1

MBARI - TIBURON
ROV Parts List

. AB7698	ASSEMBLY VB PUMP MANIFOLD	1
. AB7905	ASSEMBLY 2.75L COMP MOUNTS	2
. AB8146	ASSEMBLY TCU FILTER BRACKETS	1
. . AB8238	ASSEMBLY DECK CONNECTION PRESSURE / NON-BSP	1
. . AB8239	ASSEMBLY DECKPACK CONNECTION RETURN / NON-BSP	1
. AB8707	ASSEMBLY SCIENCE BOX MOUNT	1
. AB8749	ASSEMBLY DVL MOUNT	1
. . AB8875	ASSEMBLY CIRCUIT PCB - 5V REGULATOR	1
. . AB8875	ASSEMBLY CIRCUIT PCB - 5V REGULATOR	1
AC0837	ASSEMBLY - FUSE TESTING	1
. . DV 3007	Diaphragm 1 Pint Compensator / Modified	1
. . DV 3018	MOTOR ASSY 45CC BA	7
. . DV 3820	KORT NOZZLE ASSEMBLY HTE 380	7
. . DV 3821	PEDESTAL / BEARING HOUSING ASSY HTE 380	7
. . DV 3822	PROPELLOR ASSEMBLY HTE 380	7
. . . DV 3823	SHAFT ASSEMBLY HTE 380 / 300	7
. EV 4002-10	1 PINT PRESS COMP, 10PSI, 6000M, BSPP / 0.7BAR	1
. EV 4003-22	COMP 2.75L 7-14PSI 4 x #6 SAE Mk 2 / ALU	4
. EV 4013-11	2.75L COMP LINEAR SENSOR KIT 24V / Mk 2	4
. EV 4016-4	6.3L COMP LINEAR SENSOR KIT 24V / Mk 2	1
. HTE 380BA-45	THRUSTER CURVETECH 380mm, 45cc BA motor / STD	7
. . . KT 3001-2	SEAL KIT, HT300/380, HI-PERF	7
. . KT 4017-4	PP TO PUMP INTERFACE KIT 100-60HP / A10VSO100	1
. . PH9935	ASSEMBLY 1-1/2" SAE 3000 SPLIT CLAMPS SS	1
. . PJ8683	ASSEMBLY 1-1/4" SAE 6000 1/2 CLAMPS SS	2
. . PJ8992	ASSEMBLY 2-1/2" SAE 3000 SPLIT CLAMPS SS	2



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. . AA0572	LINEAR SENSOR PCB 24V 250 LONG	4
. . . AA0573	DRAWING LINEAR SENSOR CIRCUIT 24V	0
. . . AA3369	STANDARD LINEAR CIRCUIT	4
. . . AA3364	RESISTOR SURFACE MOUNT 1MR	4
. . . AA3355	RESISTOR SURFACE MOUNT 3K9	4
. . . AA3356	RESISTOR SURFACE MOUNT 5K6	4
. . . LB 0100	TECHNICIAN LABOUR	4



MBARI - TIBURON
ROV Parts List

. AA1075	ASSEMBLY 1 PINT COMP BRACKET	1
. . AA1076	BRACKET 1-PINT COMP	1
. . PC2009	BOLT M8 X 30 SHCS SS A4-80	2
. . PC2388	WASHER M8 FLAT SS	8
. . PB9268	WASHER M8 SPRING SS	4
. . PB3107	NUT M8 NYLOC SS	2
. . PB5117	BOLT M8 x 25 SHCS SS A4-80	4



MBARI - TIBURON
ROV Parts List

. . AA1557	ASSEMBLY PUMP CONTROL BLOCK	1
. . . AA1990	MANIFOLD PUMP LOAD RELIEF	1
. . . AB0664	VALVE PROP PRESSURE RELIEF / CARTRIDGE c/w FLYING LEA	1
. . . PF7556	VALVE RELIEF RPGC-LWN/V	1
. . . PC2212	SEAL O-RING BS014 NBR90 / (12.42 x 1.78) - 7/16"UNF ELEC'L CC	2
. . . PC8773	SEAL O-RING 4.0 x 1.5 GERMAN METRIC / 206-004	1
. . . PC1130	BLANK KOENIG 5MM SS / MB 600-050	2
. . . PJ8945	FITTING PLUG 1/4"BSP VSR SS	1
. . . PE4150	BOLT M8 x 80 SHCS SS / M8 x 80	4
. . . LB 0100	TECHNICIAN LABOUR	4



MBARI - TIBURON
ROV Parts List

. AA2919	ASSEMBLY GYRO	1
. . AA0803	SENSOR GYRO COMPASS (IGC	1
. . PC0228	BOLT M5 x 20 SHCS SS	5
. . PA9746	WASHER M5 SPRING SS	2
. . PA4892	WASHER M5 FLAT SS	2
. . AA7963	BRACKET GYRO MOUNT	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . . AB0614	PENETRATOR WATER BLOCKED / 3000VAC 50AMP	1
. . . . DI 3851	WATER BLOCK SS	1
. . . . OC 9212	CIRCLIP D2000 - 0350 / 0350	1
. . . . OR150225	O RING 50-225 NITRILE PB 80	1
. . . . PB5189	SEAL O-RING BS028 HRS308 PISTON / (34.65 X 1.78)	1
. . . . OV 4692	WATER BLOCK CONNECTOR FEMALE / 3000VAC 50 AMPS	1
. . . . OV 4693	WATER BLOCK CONNECTOR MALE / 3000VAC 50 AMPS	1
. . . . OC 9141	TYGON TUBING, 1 1/2"ID	3
. . . . WA3079	CLIP JUBILEE 34-57mm SS / PARKER - SS2800N	2

AB0614



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB0745	ASSEMBLY 24V - 5V REGULATOR	1
. . AA1716	SEMICONDUCTOR 24V TO 5V REG 1A	1
. . AA2749	INSULATING KIT / TO-220	1
. . PB8758	WASHER M3 SPRING SS	1
. . PA4812	WASHER M3 FLAT SS	1
. . AA2878	BOLT M3 x 8 PAN HEAD	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB1169	ASSEMBLY 8ST iTCU MOUNTS	1
. . AB1170	8ST iTCU BRACKET	2
. . PA5724	BOLT M10 x 30 SHCS SS A4-80	4
. . PB8762	BOLT M10 x 20 SHCS SS A4-80	4
. . PA0528	WASHER M10 FLAT SS	12
. . PA0051	WASHER M10 SPRING SS	4
. . PA0222	NUT M10 NYLOC SS	4



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB2592	ASSEMBLY PUMP OUTLET MANIFOLD	1
. . . AB2632	MANIFOLD PUMP OUTLET	1
. . . PB2373	VALVE CXHA-XAN/V CHECK	1
. . . PB2184	SEAL O-RING BS222 NBR90 1-1/4"SAE / (37.69 X 3.	1
. . . PC1217	TEST POINT 1/8" SS BSP STAUFF / SMK20G1/8PC:	1
. . . AA6802	BOLT M14 x 90 SHCS SS A4	4
. . . PB7302	WASHER M14 SPRING SS	4
. . . AA1124	LABEL VEHICLE PRESSURE	1



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SMD ref. C903RV

AB3933	ASSEMBLY HYDRAULICS MBARI ROV	1
. AB3934	HYD CIRCUIT AND FITTINGS ASSEMBLY / MBARI ROV	1
. HTE 380BA-45	THRUSTER CURVETECH 380mm, 45cc BA motor / STD	7
. AB4013	ASSEMBLY 8-STATION iTCU (RS485) /	1
. AB4015	ASSEMBLY 12-STATION HCU / MBARI	1
. AB4235	ASSEMBLY FILTER PRESSURE / 1-1/4"SAE 6K / 7 MICRON / 4.5 BAR BYPA	1
. AB4236	ASSEMBLY FILTER RETURN / 1-1/4"SAE J514 / 7 MICR / 4.5 BAR BYPASS	1
. AB4081	ASSEMBLY ROV HPU 75HP	1
. AB5673	ASSEMBLY QUANTUM 18L RESERVOIR	1
. AB5602	OIL MARINE HYDRAULIC 32cSt 205L BARREL / ROYAL PURPLE SYNTHET	2
. EV 4002-10	1 PINT PRESS COMP, 10PSI, 6000M, BSPP / 0.7BAR	1
. EV 4003-22	COMP 2.75L 7-14PSI 4 x #6 SAE Mk 2 / ALU	4
. EV 4016-4	6.3L COMP LINEAR SENSOR KIT 24V / Mk 2	1
. EV 4013-11	2.75L COMP LINEAR SENSOR KIT 24V / Mk 2	4
. AB7441	ASSEMBLY AUXILIARY MANIFOLD	1
. AB7698	ASSEMBLY VB PUMP MANIFOLD	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB3934	HYD CIRCUIT AND FITTINGS ASSEMBLY / MBARI ROV	1
. . AB8264	PLATE COMP FILL BULKHEAD	1
. . PD3852	TEST POINT SS 1/4" BSP SMK2004/4PCSS / STAUFF	3
. . PD5431	FITTING MMA / M12(1.5) X 1/4"BSP CONE SS	2
. . AB8241	HOSE ASSY	2
. . WA0932	SEAL O-RING BS904 (8.92 x 1.83) 7/16"UNF	33
. . WA1077	SEAL BONDED SS 1/4"BSP	1
. . WA1079	SEAL BONDED SS 1/2"BSP	6
. . PF1113	SEAL O-RING BS920 (37.46 x 3.00) / 1-5/8"UNF	2
. . PB7256	SEAL BONDED SS 3/4"BSP	14
. . WA1076	SEAL BONDED SS 1/8"BSP	7
. . WA1078	SEAL BONDED SS 3/8"BSP	10
. . AA0388	FITTING PLUG 1-5/16"UNF HEX SS	1
. . AA0406	FITTING PLUG 9/16"UNF SS	7
. . AA3132	ELBOW POSITIONAL 3/4"BSP x 3/4" TUBE SS / SWAGELOK SS-1210-2-12PR	8
. . AA3155	CONNECTOR MALE 3/4" BSPP 3/4" TUBE / SWAGELOK SS-1210-1-12RS	6
. . OF 4108	CONNECTOR MALE 3/4"UNF x 1/2" TUBE / SWAGELOK SS-810-1-8ST	4
. . AA4865	CONNECTOR MALE 1/8" BSP 1/4" TUBE SS / SWAGELOK SS-400-1-2RS	4
. . AA7697	FITTING ADAPTOR 1/4" STANDPIPE / 1/4" PUSH-LOK SS	18
. . AA3153	ADAPTOR MALE 3/8" BSPP 3/8" STANDPIPE / SWAGELOK SS-6-TA-1-6RS	8
. . AA3189	UNION ELBOW 3/8" / SWAGELOK SS-600-9	14
. . AA3252	ADAPTOR MALE 1/8" BSPP 1/4" STANDPIPE / SWAGELOK SS-4-TA-1-2RS	2
. . OF 3037	ELBOW 1/4" UNION SS A4	7
. . AA3890	CONNECTOR MALE 3/4"UNF - 3/4" TUBE SS / SWAGELOK SS-1210-1-8ST	18
. . AA3151	CONNECTOR MALE 1/2" BSPP 1/2" TUBE / SWAGELOK SS-810-1-8RS	2
. . AA4484	CONNECTOR MALE 9/16" UNF x 3/8" TUBE / SS-600-1-6ST	8
. . AA3164	CONNECTOR MALE 3/8" TUBE 3/4" 16 UNF / SWAGELOK SS-600-1-8ST	1
. . AA3160	REDUCER 1/4" STANDPIPE 3/8" TUBE / SWAGELOK SS-600-R-4	1
. . AA3113	FITTING ADAPTOR 3/8" STANDPIPE / 3/8" PUSH-LOK SS - PARKER 33482-6-	46
. . AA3114	FITTING ADAPTOR 1/2" STANDPIPE / 1/2" PUSH-LOK SS - PARKER 33482-8-	4
. . AA7696	PUSH-LOK HOSE 1/4" / 831-4 (BLUE)	6

AB3934

MBARI - TIBURON
ROV Parts List

. . AA3095	PUSH-LOK HOSE 3/8" / 831-6 (BLACK)	6
. . AA3096	PUSH-LOK HOSE 1/2" / 831-8 (BLACK)	4
. . AB8239	ASSEMBLY DECKPACK CONNECTION RETURN / NON-BSP	1
. . AB8223	FITTING ELBOW / POSITIONAL 1-5/8"UNF x 1-5/8"JIC SS	1
. . AA0886	FITTING MMA / 1-5/16"UNF x 1-5/16"JIC SS	1
. . AB8222	FITTING MMA / 1-5/8"UNF x 1-5/16"JIC SS	1
. . AA2239	FITTING ELBOW / 1-5/16"JIC MFS SS	1
. . AB8220	FITTING MFS 1-5/16"UNF x 1-5/16"JIC SS	1
. . PH9935	ASSEMBLY 1-1/2" SAE 3000 SPLIT CLAMPS SS	1
. . AA3171	UNION TEE 3/8" TUBE / SWAGELOK SS-600-3	5
. . AA3089	TUBE 3/4" x 0.083wt SEAMLESS SS / (6mtr LENGTH)	4
. . AA3087	TUBE 3/8" x 0.049WT SEAMLESS SS / (6mtr LENGTH)	2
. . AA3088	TUBE 1/2" x 0.065WT SEAMLESS SS / (6mtr LENGTH)	2
. . AA6606	CONNECTOR MALE 7/16" UNF - 1/4" TUBE / SWAGELOK SS-400-1-4ST	7
. . AB7153	HOSE THRUSTER LINK	10
. . AB8224	FITTING MFA M27(2.0) x 3/4"UNF SS / (CAPTIVE SEAL)	1
. . AA3094	PUSH-LOK HOSE 3/8" / 831-6 (GREEN)	10
. . AA3165	CONNECTOR MALE 3/8" TUBE 7/16" 20 UNF / SWAGELOK SS-600-1-4ST	27
. . AA3194	CONNECTOR MALE 3/8"BSP - 3/8" TUBE / SWAGELOK SS-600-1-6RS	4
. . AA8950	ELBOW POSITIONAL 9/16"UNF / 3/8" TUBE SWAGELOK SS-600-2-6ST	6
. . PK2611	FITTING MMA 7/16" UNF x 7/16" JIC SS	2
. . AA0405	FITTING MMA 7/16"UNF x 9/16"JIC SS	2
. . PC7877	FITTING MMA / 9/16"JIC X 3/8"BSP CONE SS	2
. . AA3148	CONNECTOR MALE 1/4" NPT 3/8" TUBE / SWAGELOK SS-600-1-4	0
. . PJ8683	ASSEMBLY 1-1/4" SAE 6000 1/2 CLAMPS SS	2
. . PJ4360	FITTING MMA M14(1.5) X 7/16" JIC SS	0
. . PE9676	FITTING MMA / 3/4"UNF X 1/2"BSP CONE SS	1
. . PF4731	FITTING MMA / 9/16"UNF X 3/8 BSP CONE SS	1
. . AB7097	COUPLING Q/R PROBE 1/2" FASTER	4
. . AB7096	COUPLING Q/R CARRIER 1/2" FASTER	4
. . AB8437	COUPLING Q/R PROBE 3/8" FASTER / 2FFIQPF06SS	2
. . AB8438	COUPLING Q/R CARRIER 3/8" FASTER / 2FFIQCF06SS	2

MBARI - TIBURON
ROV Parts List

. . AB8230	FITTING MFA 1-5/16"UNF x 3/4"UNF SS	1
. . AB5415	CONNECTOR MALE 1/2"BSP x 3/4"TUBE / SWAGELOK SS-1210-1-8RS	2
. . PC7330	FITTING MMA 3/4"JIC x 1/2"BSP CONE SS	2
. . AB7172	3/4" UNION / [SS-1210-6]	10
. . AB3710	ADAPTOR MALE 9/16"UNF x 1/2" STANDPIPE / SS SWAGELOK SS-8-TA-1-6S	1
. . AA3179	REDUCER 1/2" STANDPIPE x 3/8" TUBE / SWAGELOK SS-600-R-8	1
. . OF 8105	1/2" SW CROSS / SS-810-4	1
. . PB5944	FITTING PLUG 1/4"NPT HEX SS	6
. . PD8370	VALVE RELIEF 15psi (1/4"NPT)	9
. . PJ8992	ASSEMBLY 2-1/2" SAE 3000 SPLIT CLAMPS SS	2
. . AB8238	ASSEMBLY DECK CONNECTION PRESSURE / NON-BSP	1
. . AB2592	ASSEMBLY PUMP OUTLET MANIFOLD	1
. . WA3139	SEAL BONDED SS M14	0
. . PD9044	SEAL O-RING BS916 (29.74 x 2.95) / 1-5/16"UNF	5
. . AB8227	ADAPTOR MALE 1/2" STANDPIPE x 3/4"UNF / SWAGELOK SS-8-TA-1-8ST	2
. . AA3188	UNION ELBOW 1/2" / SWAGELOK SS-810-9	2
. . AB8232	HOSE ASSY PRESSURE PUMP - FILTER	1
. . AB8233	HOSE ASSY RETURN FILTER - RESERVOIR	1
. . AB8234	ADAPTOR 1-1/4"SAE 6000 x 1-5/16"UNF SS	1
. . AB0698	HOSE ASSY MAIN PUMP CONTROL	1
. . AB7074	ASSEMBLY SUCTION FOR 140CC PUMP	1
. . PK3432	FITTING MFA 3/8" BSP x 1/4" NPT SS	1
. . AA7821	ADAPTOR MALE 3/8"STANDPIPE x 9/16"UNF / SWAGELOK SS-6-TA-1-6ST	7
. . AB7904	FITTING MFA 7/8"UNF x 1/4"NPT SS	1
. . AB8250	FLOW CONTROL/FREE-FLOW CHECK VALVE / 1/4" NPT SS	0
. . AB8251	NIPPLE QUICK-CONNECT 3/8" / SWAGELOK SS-QC6-D-600	18
. . AB8252	COUPLER QUICK-CONNECT 3/8" / SWAGELOK SS-QC6-B-600	24
. . AA3214	PLUG 3/8" SWAGELOK SS-600-P	30
. . AB8256	NIPPLE QUICK-CONNECT 3/8" BULKHEAD / SWAGELOK SS-QC6-D1-600	17
. . AB8257	COUPLER QUICK-CONNECT 3/8" BULKHEAD / SWAGELOK SS-QC6-B1-600	11
. . AA3157	ADAPTOR MALE 1/4" NPT 3/8" STANDPIPE / SWAGELOK SS-6-TA-1-4	0
. . OF 2025	CAP 6 JIC, S/S / 6 JIC	2

MBARI - TIBURON
ROV Parts List

. . AA2179	FITTING CAP 3/4"JIC SS	3
. . AA3236	ADAPTOR MALE 1/2" BSPP 1/2" STANDPIPE / SWAGELOK SS-8-TA-1-8RS	1
. . AB7903	MANIFOLD COMPENSATOR / SAE PORTS	1
. . AA5071	FITTING MFA 1/4" BSPP x 1/4" NPT SS	1
. . AA9856	ADAPTOR M6-1/4" STANDPIPE SS	4
. . OR 1211	O RING / BS 009 (5.28 x 1.78)	4
. . AA3197	ADAPTOR MALE 1/8" NPT x 1/4" STANDPIPE / SWAGELOK SS-4-TA-1-2	0
. . AA3208	REDUCER 1/2" TUBE x 3/8" STANDPIPE / SWAGELOK SS-810-R-6	2
. . AB8670	CLAMP STAUFF 3/8"OD LIGHT SERIES / LNG-PP Gr.2	36
. . AA3237	ELBOW UNION 3/4" / SWAGELOK SS-1210-9	6
. . AB8908	CLAMP BODY (2 HALVES) 319 PP / 19MM BORE	20
. . OF 5204	REDUCER 1/2" - 3/8" SS / SWAGELOCK to SWAGELOCK	1
. . AB9107	HOSE THRUSTER LINK 550mm / 1/2" EUROPULSE	4
. . AA3207	PLUG 1/2" SS-810-P / SWAGELOK	2
. . AB9111	PORT CONNECTOR 3/4" / SWAGELOK SS-1211-PC	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB4013	ASSEMBLY 8-STATION iTCU (RS485) /	1
. . AB6670	MANIFOLD 8-STATION SERVO TCU /	1
. . AA1557	ASSEMBLY PUMP CONTROL BLOCK	1
. . PD5648	INSERT HELICOIL M5 x 1.5D SS	4
. . PD5642	INSERT HELICOIL M8 x 1.5D SS	4
. . AB3743	VALVE SERVO 57 LPM / 65mA 80 Ohm COILS 4-WAY MS CONNECT	8
. . AB5201	BOLT M6 x 60 SHCS GR.12.9	32
. . PB9808	BOLT M8 x 65 SHCS SS A4-80	4
. . PD5645	INSERT HELICOIL M6 x 1.5D SS	27
. . PD5646	INSERT HELICOIL M6 x 2D SS	32
. . PB9764	WASHER M6 SPRING SS	59
. . PD5650	INSERT HELICOIL M4 x 2D SS	4
. . PD5639	INSERT HELICOIL M10 x 1.5D SS	4
. . OW 1028	BONDED SEAL, 1/8"BSPP	1
. . PB9268	WASHER M8 SPRING SS	4
. . PD3852	TEST POINT SS 1/4" BSP SMK2004/4PCSS / STAUFF	1
. . AA0795	PCB MULTIFUNCTION TCU CONTROLLER	1
. . OV 1070-2	ELECTRICAL CONNECTOR 4 WAY	8
. . AB0017	PLATE PCB MOUNT 8 STATION TCU	1
. . AB4014	DRAWING ELECTRICAL WIRING 8-STN SERVO	0
. . AA1582	STANDOFF TCU PCB	4
. . PK4444	SENSOR PRESS 0-400 BAR 4-20mA H/DUTY / 2 WIRE	1
. . PJ8945	FITTING PLUG 1/4"BSP VSR SS	17
. . AB6665	ADAPTOR DORN FITTING (SIZE 2)	3
. . PB9936	SEAL O-RING BS019 (20.35 X 1.78)	3
. . PA4892	WASHER M5 FLAT SS	4
. . PB5023	BOLT M5 x 25 SHCS SS	4
. . PA9746	WASHER M5 SPRING SS	4
. . PA0546	WASHER M6 FLAT SS	27
. . AA1643	PLATE CURVETECH LOGO 5MM YELLOW	2
. . OR 1040	O RING CORD 3mm	3



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AA9979	PCB WATER INGRESS SENSOR	1
. . AA9991	HOUSING 8-STATION SERVO TCU	1
. . AA9992	CLAMP 8-STATION SERVO TCU	1
. . AA9990	COVER 8-STATION SERVO TCU	1
. . PA5735	BOLT M6 x 150 SHCS SS	27
. . PA9812	SEAL O-RING BS009 NBR90 (MINI 4) / (5.28 X 1.78)	27
. . PB7876	RESISTOR 4K7 / MFR4 0.5W 1% RS149-773	1
. . PB7878	RESISTOR 10K MFR4 0.5W 1% / 1x 50 PER PACK	1
. . AB7521	ASSEMBLY HARNESSSES - TCU - MBARI	1
. . OC 9301	TEMPERATURE PROBE PT100	1
. . DI 3412	TEMPERATURE WELL	1
. . AB7887	GLAND CAP DORN / SIZE 2	3
. . AB7888	GLAND PLUG DORN / SIZE 2	3
. . AB0868	CIRCUIT PCB BOARD PSU 24 - +12/-12,5	1
. . AB8151	GLAND CAP DORN / SIZE 4	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB4015	ASSEMBLY 12-STATION HCU / MBARI	1
. . AB5392	MANIFOLD 12-STATION HCU (PROP PRESS) / MINI 3	1
. . AA5061	VALVE PROPORTIONAL DIRECTIONAL NG3-MINI / c/w FLYING LEA	4
. . AA5063	VALVE P/O CHECK & THERMAL RELIEF / MINI 3 210BAR	8
. . AB6842	VALVE PROP PRESSURE REDUCING T-11A	1
. . AB6843	VALVE DIRECTIONAL SOLENOID T-9A 3-WAY	1
. . AA0439	PCB MULTI-FUNCTION VALVE CONTROLLER / ISSUE LEVEL D	1
. . AA1583	STANDOFF HCU PCB	4
. . AA1581	PLATE PCB MOUNT HCU	1
. . PD5645	INSERT HELICOIL M6 x 1.5D SS	22
. . PD5642	INSERT HELICOIL M8 x 1.5D SS	4
. . PD3852	TEST POINT SS 1/4" BSP SMK2004/4PCSS / STAUFF	1
. . PD8585	BOLT M3 x 12 PAN HD SS	4
. . PK4444	SENSOR PRESS 0-400 BAR 4-20mA H/DUTY / 2 WIRE	1
. . PD0360	BLANK KOENIG 6MM SS / MB 600-060	4
. . PJ8944	FITTING PLUG 1/8"BSP VSR SS	1
. . AB6866	SOLENOID 24V TWIN LEAD	1
. . AB6665	ADAPTOR DORN FITTING (SIZE 2)	6
. . PD5650	INSERT HELICOIL M4 x 2D SS	36
. . PB9936	SEAL O-RING BS019 (20.35 X 1.78)	6
. . ON 1047	STEP NUT M4 x 10	24
. . PB8758	WASHER M3 SPRING SS	4
. . OB 1240	STUD BOLT M4 x 73	24
. . PE4415	BOLT M5 x 35 SHCS A4 SS	12
. . PA9746	WASHER M5 SPRING SS	16
. . PD5648	INSERT HELICOIL M5 x 1.5D SS	4
. . AA5059	VALVE DIR MINI 3 24V FLYING LEADS	8
. . PB5023	BOLT M5 x 25 SHCS SS	4
. . PC1130	BLANK KOENIG 5MM SS / MB 600-050	14
. . PH3687	BOLT M6 x 140 SHCS SS / M6 x 140	22
. . AA1643	PLATE CURVETECH LOGO 5MM YELLOW	2

MBARI - TIBURON
ROV Parts List

. . OR 1040	O RING CORD 3mm	3
. . PA0546	WASHER M6 FLAT SS	22
. . PB9764	WASHER M6 SPRING SS	22
. . PC1765	BOLT M5 x 25 PAN HEAD SS / M5 x 25	4
. . AB4016	DRAWING ELECTRICAL WIRING 12ST HCU	0
. . AA5177	COVER 12-STATION HCU	1
. . AB6875	HOUSING 12-STATION HCU	1
. . AA5179	CLAMP 12-STATION HCU	1
. . PA9812	SEAL O-RING BS009 NBR90 (MINI 4) / (5.28 X 1.78)	22
. . PA4892	WASHER M5 FLAT SS	4
. . PB7876	RESISTOR 4K7 / MFR4 0.5W 1% RS149-773	3
. . PB7878	RESISTOR 10K MFR4 0.5W 1% / 1x 50 PER PACK	3
. . AB7618	VALVE SUN PILOT STAGE RELIEF	1
. . AA4251	SOLENOID SUN / 24V FLYING LEADS	1
. . AB7522	ASSEMBLY HARNESSSES - HCU - MBARI	1
. . AB7887	GLAND CAP DORN / SIZE 2	6
. . AB7888	GLAND PLUG DORN / SIZE 2	6
. . AB8151	GLAND CAP DORN / SIZE 4	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB4079	ASSEMBLY MOTOR 75HP 3.3kV 4P 60HZ	1
. . . DI 3700/55-4-33	STATOR/ROTOR ASSY 75HP, 55KW / 4P 60HZ 3.3kV	1
. . . DI 3715	HPU BLANK END HOUSING	1
. . . DI 3701	HPU END HOUSING	1
. . . DI 3704	HOUSING LOCATION KEY A4 SS	2
. . . DI 3794	MOTOR HOUSING 75HP	1
. . . DI 3795	HPU TENSION ROD	4
. . . OC 9313	DEEP GROOVE BALL BEARING	2
. . . OB 1011	BOLT M12 x 60 SHCS SS A4	4
. . . PA5724	BOLT M10 x 30 SHCS SS A4-80	16
. . . PB8110	NUT M12 NYLOC SS	12
. . . WA0246	FITTING PLUG 1" BSP HEX SS	2
. . . PA4892	WASHER M5 FLAT SS	4
. . . PA4860	WASHER M12 FLAT SS	16
. . . OB 1209	BOLT M5 x 12 CSK SKT HEAD SS A2 / M5 x 12	2
. . . OF 2011	PLUG, 3/8" BSPP SS	6
. . . OW 1006	BONDED SEAL, 3/8" BSP SS	6
. . . OC 9312	M12 EYE BOLT 0.4 TONNES (AXIAL) / M12 RATED TO 0.4 TONNES (AX	4
. . . WA3357	BOLT M3 x 10 SHCS SS	12
. . . PA4812	WASHER M3 FLAT SS	12
. . . PB8758	WASHER M3 SPRING SS	12
. . . OR 1016	O RING BS014	1
. . . DI 3707	HPU MOTOR END CAP	2
. . . OC 9314	CIRCLIP.EXTERNAL.55 MM DIA. / 55MM DIA	2
. . . OC 9315	CIRCLIP.INTERNAL.100 MM DIA.	1
. . . OR 1044	O RING 378	2
. . . OR 1045	O RING 354	2
. . . DI 3128	BLANKING PLUG 7/16 THREAD 3/4 A/F SS	1
. . . OC 9316	HPU WARNING LABEL	2
. . . OC 9317	HPU IDENTIFICATION LABEL	1
. . . PA0051	WASHER M10 SPRING SS	16

AB4079

MBARI - TIBURON
ROV Parts List

. . . PB9268	WASHER M8 SPRING SS	4
. . . WA0350	WASHER M4 FLAT SS	4
. . . OC 9332	TERMINAL STRIP 2-WAY PIECE	1
. . . OC 9333	TERMINAL END FIXING	2
. . . OC 9334	TERMINAL STRIP JOINT 1 x 10	1
. . . PJ0879	CONNECTOR MCBH-4-MP SS / IMPULSE	1
. . . AB0614	PENETRATOR WATER BLOCKED / 3000VAC 50AMP	1
. . . DE 5121	HPU WIRING DIAGRAM	0
. . . OC 41622	BOLT M4 x 16 PAN POZI SCREW A2 SS	4
. . . PC0164	WASHER M4 SPRING SS	4
. . . PA9746	WASHER M5 SPRING SS	4
. . . OC 9303	HELICOIL M8 X 2D SS A4	2
. . . OC 9407	HELICOIL M10 x 2D SS A4	16
. . . OC 9406	HELICOIL M8 x 1D SS A4	2
. . . LB 0084-1	HPU ASSY, SETUP, TEST	0
. . . OB 1028	BOLT M5 x 12 SHCS A4 SS / M5 x 12	2
. . . DI 3702	HPU MOUNTING FEET (SMALL)	2
. . . DI 3882	HPU SENSOR PLATE SS	1
. . . PB9266	BOLT M6 x 20 SHCS SS	4
. . . OC 9309	HELICOIL M6 X 1 1/2D A4 SS	4
. . . OR150125	O RING BS125 (33.00 x 2.62)	1
. . . PB9764	WASHER M6 SPRING SS	4



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB4081	ASSEMBLY ROV HPU 75HP	1
. . AB4079	ASSEMBLY MOTOR 75HP 3.3kV 4P 60HZ	1
. . AC0269	PUMP, REXROTH 100CC, DFR	1
. . KT 4017-4	PP TO PUMP INTERFACE KIT 100-60HP / A10VSO1	1
. . AA0224	KIT DRG PRESSURE CONTROLLER	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB4235	ASSEMBLY FILTER PRESSURE / 1-1/4"SAE 6K / 7 MICRON / 4.5 BAR BYPASS	1
. . AB7147	FILTER HOUSING ULTIPLATE HEAD SERVICE / 1-1/4" SAE 6K PORTS (PRESSURE)	1
. . AA0278	FILTER ELEMENT 7 MICRON - 8" LENGTH	1
. . AA2383	FILTER INDICATOR UPSTREAM SAMPLER	1



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. AB4236	ASSEMBLY FILTER RETURN / 1-1/4"SAE J514 / 7 MICR / 4.5 BAR BYPASS	1
. . AB7148	FILTER HOUSING ULTIPLATEAT HEAD SERVICE / 1-1/4" SAE J514 PORTS (RETURN)	1
. . AA0278	FILTER ELEMENT 7 MICRON - 8" LENGTH	1
. . AA0282	FILTER SAMPLING BLOCK	1

MBARI - TIBURON
ROV Parts List

AB4312	ASSEMBLY BASE CHASSIS / MBARI QUANTUM	1
. AB4346	FABRICATION CHASSIS BASE	1
. AB4347	FABRICATION CHASSIS TOP	1
. AB5341	STRUT VERTICAL LIFT	4
. AA5505	BEAM CHASSIS REAR	1
. AA5506	BEAM CHASSIS FRONT	1
. AB7212	BEAM CHASSIS SIDE (P) MBARI	1
. AB7213	BEAM CHASSIS SIDE (S) MBARI	1
. AA0492	BLOCK CHASSIS CORNER	4
. AA0493	BLOCK CHASSIS JOINT	8
. PA4739	BOLT M12 x 80 SHCS GR 12.9 COATED	16
. PE9079	NUT M12 GR12 COATED	16
. PG2115	WASHER M12 FLAT HEAVY DUTY COATED	32
. AB5607	STRUT SIDE VERTICAL	4
. AB7375	ASSEMBLY SKIDS & GRATING / MBARI	1
. AB1641	FABRICATION FWD STRUT	2
. AA5629	FABRICATION CORNER STRUT	2
. AB7210	BEAM LATERAL	2
. AA6137	SPACER CHASSIS	2
. AA6156	BRACKET STRUT ATTACHMENT	2
. AA6157	BRACKET BEAM ATTACHMENT	2
. AA5510	PAD LIFTPOINT BOLTS	4
. AB4313	STRUT DIAGONAL FRONT PORT	2
. AB4314	STRUT DIAGONAL FRONT STBD	2
. AA0722	PIN THRUSTER PLATE	16
. AA6730	BEAM REAR	1
. PA5724	BOLT M10 x 30 SHCS SS A4-80	50
. PD5082	BOLT M8 x 30 SKT CSK SS A2-70	24
. PB5117	BOLT M8 x 25 SHCS SS A4-80	22
. PE7328	BOLT M8 x 25 SKT CSK SS	8
. PB9185	BOLT M12 x 30 SHCS SS A4 - 80	16

MBARI - TIBURON
ROV Parts List

. PC2742	BOLT M10 x 65 SHCS SS A2-70	96
. PB5010	BOLT M10 x 70 SHCS SS	4
. PB2172	BOLT M10 x 35 SHCS SS A4 - 80	42
. PA0222	NUT M10 NYLOC SS	202
. PA0528	WASHER M10 FLAT SS	266
. PB8110	NUT M12 NYLOC SS	16
. PA4860	WASHER M12 FLAT SS	16
. PB3107	NUT M8 NYLOC SS	58
. PC2388	WASHER M8 FLAT SS	58
. AA5574	BEAM HPU MOUNT	2
. AB6696	FABRICATION PORT CHASSIS SIDE	1
. AB6697	FABRICATION STBD CHASSIS SIDE	1
. AB5610	CROSS TIE BRACE	2
. AB5608	LATERAL STRUT	8
. AB5682	END TIE BRACE (BOTTOM)	8
. PD5640	INSERT HELICOIL M10 x 2D SS	64
. PA4789	BOLT M10 x 45 SHCS SS A4 - 80	64
. PA0051	WASHER M10 SPRING SS	64
. PB5861	BOLT M10 x 40 SHCS SS A4 - 80	2
. AA0894	BOLT M10 x 140 SHCS SS A4-80	8

MBARI - TIBURON
ROV Parts List

AB4844	ASSEMBLY - PRESSURE TESTING TO 4KM	1
. AA0607	PCB LAMP DIMMING 12 CHANNEL	1
. AB0868	CIRCUIT PCB BOARD PSU 24 - +12/-12,5	1
. AA0795	PCB MULTIFUNCTION TCU CONTROLLER	1
. AA0439	PCB MULTI-FUNCTION VALVE CONTROLLER / ISSUE LEVE	1
. PG7194	FIELDBUS COUPLER MODBUS (RS485) 750-315	1
. PJ6214	FIELDBUS I/O MODULE DIG IP, 8-CH, 24VDC	1
. PJ6213	FIELDBUS DIG OP/HS, 8-CH, 0.5A 24VDC / WAGO 750-530	1
. PJ7377	FIELDBUS DIG OP/HS 2-CH 2A 24V / WAGO 750-502	1
. PJ7591	FIELDBUS WAGO / 750-516 DIG OP/LS, 4-CH, 0.5A 24VDC	1
. PJ7378	FIELDBUS PSU 24VDC 10A 5VDC 2A 750-613	1
. PH5363	FIELDBUS ANL IP/SE 0-10V 4-CH 750-468	1
. PJ8409	FIELDBUS ANL IP/DF 0-20mA 2-CH / WAGO 750-452	1
. PG7454	FIELDBUS END TERMINAL	1
. PB2751	FUSE 1.1A RESETTABLE	2
. PC1663	FUSE 8A RESETTABLE	2
. PC4083	CONNECTOR D 9-WAY PLUG	1
. PC6512	FUSE 3A RESETTABLE	1
. PK3575	RELAY DC SOLID STATE DC INPUT	1
. AB0745	ASSEMBLY 24V - 5V REGULATOR	1
. AA4957	CAPACITOR 22uf 25V TANT / FEC643-804	1
. PC7138	FUSE 0.1A RESETTABLE / RS517-6562	1
. PB7878	RESISTOR 10K MFR4 0.5W 1% / 1x 50 PER PACK	5
. PB7875	RESISTOR 1K8 FEC 109-9900 / FEC MFR4	1
. PG3913	TERMINAL WIELAND END CLAMP	2
. PH2117	TERMINAL PHOENIX MICRO 1.5 DOUBLE	50
. PH2118	TERMINAL PHOENIX MICRO 1.5 END PLATE DD	10
. AB3931	DRAWING ELECTRICAL PRESSURE TEST / 4000M	0
. PH7633	FIELDBUS WAGO ANL OP/SE, 0-10V, 2-CH	1
. PK4444	SENSOR PRESS 0-400 BAR 4-20mA H/DUTY / 2 WIRE	1
. OC 9301	TEMPERATURE PROBE PT100	1



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. PB7876	RESISTOR 4K7 / MFR4 0.5W 1% RS149-773	1
. AA9398	WAGO SOLID STATE RELAY 750-509	1
. OV 1125-3	VALVE SERVO / 65mA STAR - 77 LPM	1
. AB5086	ASSEMBLY 24V - 12V REGULATOR	1
. AB5261	PLATE 19-WAY CONNECTOR TEST	1
. OV 1070-2	ELECTRICAL CONNECTOR 4 WAY	1
. OV 1070-3	ELECTRICAL CONN CABLE CLAMP	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB5086	ASSEMBLY 24V - 12V REGULATOR	1
. . AA8146	SEMICONDUCTOR 24V TO 12V REG 1A	1
. . AA2749	INSULATING KIT / TO-220	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

AB5204	ASSEMBLY ROV BUOYANCY/PAYLOAD/PADS / MBARI QUANTUM	1
. AB4320	BUOYANCY QUANTUM TG28 4000M	1
. AA9073	TAPE 3M SAFETYWALK 6" x 60YD BLACK	1
. PJ4775	BOLT M8 x 40 SKT BUTTON SS	18
. PB2172	BOLT M10 x 35 SHCS SS A4 - 80	72
. AA8435	LABEL SMD / 450 x 200	2
. AA8436	LABEL QUANTUM / 450 x 200	2
. AB5203	PAD ROV BASE SIDE	2
. AB0548	PAD ROV BUOYANCY SIDE	2
. AA5609	PAD ROV SIDE VERTICAL	4
. AB6768	PAD ROV BUOY CORNER	2
. AA5612	PAD ROV CHASSIS CORNER	2
. AB7610	PAD ROV BUOYANCY END	1
. AB8863	PAD ROV TOP SIDE (SHORT) /	2
. PA0260	BOLT M10 x 50 SHCS SS A4 - 80	8
. AA6062	PAD ROV BASE END	2
. PC0013	WASHER 21 / X 40 X 3 SS	4
. AA6219	PAD ROV AFT CORNER	2
. AA5575	PAD CHASSIS AFT TOP	2
. PC1347	NUT M20 SS	8
. AB8510	STUD M12 x 850 LONG A4 SS	8
. AA0895	BOLT M8 x 25 SKT BUTTON HEAD SS	8
. PA0051	WASHER M10 SPRING SS	22
. PA0528	WASHER M10 FLAT SS	102
. AB2639	BUOYANCY STUDDING M20 x 1m A4 SS / M20 x 1mtr	4
. PA4884	WASHER M20 FLAT SS	8
. PC2915	WASHER M20 SPRING SS	8
. PC3307	NUT M20 NYLOC SS	4
. PA0222	NUT M10 NYLOC SS	80
. PA0024	WASHER M12 SPRING SS	8
. PA4860	WASHER M12 FLAT SS	16

AB5204



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AA5115	BLOCK LEAD BALLAST / 11" x 3" x 1.5" - EX78 UNCOATED	38
. PB8110	NUT M12 NYLOC SS	8
. PA0539	NUT M12 SS	16
. AB6812	WASHER BOUYANCY CORNER / 50mmx13mmx5mm	8
. PA0379	BOLT M8 x 20 SHCS SS A4-80	4
. PF3432	BOLT M10 / X 20 SKT BUTTON HEAD SS A4-80	4
. AB8592	ROV PVC COVER QUANTUM 8	1
. AB8667	LEAD TRAY SS AFT QUANTUM	2
. AB8668	LEAD TRAY SS QUANTUM FRONT	1
. PC2388	WASHER M8 FLAT SS	22

MBARI - TIBURON
ROV Parts List

AB5381	ASSEMBLY ROV BRACKETS / MBARI QUANTUM	1
. AB1169	ASSEMBLY 8ST ITCU MOUNTS	1
. AA1075	ASSEMBLY 1 PINT COMP BRACKET	1
. AB5388	ASSEMBLY RESERVOIR MOUNT	1
. AB7188	ASSEMBLY 12-ST HCU MOUNT	1
. AB7187	ASSEMBLY ALTIMETER MOUNT	1
. AB6675	ASSEMBLY LIGHTING BAR	1
. AB7185	ASSEMBLY POD BRACKETS / 4000m POD	1
. AB6995	ASSEMBLY HPU BRACKETS	1
. AB7439	ASSEMBLY LD BOX MOUNTS /	1
. AB7440	ASSEMBLY JB MOUNTS	2
. AB7444	ASSEMBLY VB SYSTEM MOUNTINGS	1
. AB7446	ASSEMBLY LAMP BALLAST POD MOUNTS	1
. AB7443	ASSEMBLY TITAN MANIP MOUNT LH	1
. AB7905	ASSEMBLY 2.75L COMP MOUNTS	2
. HRS1761352	ANODE ROV-0148-030-04	10
. AB8146	ASSEMBLY TCU FILTER BRACKETS	1
. PG0268	CLAMP STAUFF / STD 42MM OD SINGLE GRP5 SS C/W 1	1
. AB8209	BRACKET ELECTRICAL TERMINATION	1
. AB8622	PLATE BULKHEAD (14 x 3/8" SWAGELOK)	1
. AB8654	PLATE BULKHEAD (8 x 3/8" SWAGELOK)	1
. AB8707	ASSEMBLY SCIENCE BOX MOUNT	1
. AB8749	ASSEMBLY DVL MOUNT	1
. AB8564	GUIDE LAUNCH HOSE	1
. AB8565	GUIDE UMBILICAL	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB5388	ASSEMBLY RESERVOIR MOUNT	1
. . AB7421	BRACKET RESERVOIR SUPPORT	1
. . PA5724	BOLT M10 x 30 SHCS SS A4-80	2
. . PA0051	WASHER M10 SPRING SS	4
. . PA0528	WASHER M10 FLAT SS	4
. . PA4712	BOLT M10 x 25 SHCS SS A4 - 80	2
. . AB7422	BRACKET RESERVOIR #B	1
. . PD5082	BOLT M8 x 30 SKT CSK SS A2-70	3
. . PB3107	NUT M8 NYLOC SS	3
. . PC2388	WASHER M8 FLAT SS	3

MBARI - TIBURON
ROV Parts List

AB5465	ASSEMBLY LIFTPOINT / MBARI QUANTUM	1
. AB5408	SOCKET UMBILICAL SPELTER	1
. AB5475	BALE ARM ROV RECOVERY	1
. AB5476	STROP EMERGENCY RECOVERY	1
. AB5477	KEY ROV LAUNCH	1
. AB5729	ASSEMBLY LAUNCH BLOCK	1
. AB5479	BEAM ROV LIFTPOINT	2
. AB5847	PIN LIFTPOINT CARRIAGE	2
. AB5848	PIN RECOVERY BALE ARM	2
. AB5846	YOKE ROV LIFTPOINT MBARI QUANTUM	2
. AB5934	LUG BALE ARM	2
. AB5935	BOLT PIN RETAINER	2
. AB5936	PLATE PIN RETAINER	2
. PB8049	BUSH MB4030DU	12
. PJ3349	BUSH MB3220DU	2
. AB6238	PLATE BEAM END - SPELTER SUPPORT	1
. AB5766	PLATE BEAM END	3
. AB5767	PIN TILT BEAM PIVOT	2
. AA5436	LOCKPLATE TILTING PIN	2
. AC0271	PLATE TILT BEAM STOP	2
. AB6901	BEND STIFFENER 1.5m BLACK POLYURETHANE	1
. AB6985	PIN DIA 60 x 52 TAPPED	1
. AB6986	WASHER DIA 80 ENDPLATE SS	2
. PA4760	BOLT M12 x 20 SHCS SS A4 - 80	4
. PA0024	WASHER M12 SPRING SS	4
. PC6563	BUSH MB2010DU	2
. AB6992	PIN DIA 20 x 23 LONG (NON-ROTATING)	2
. AB6993	LOCKPLATE DIA 20 PIN (NON-ROTATING)	2
. AA6490	BOLT M6 x 12 SHCS SS	4
. PB9764	WASHER M6 SPRING SS	12
. AB0646	PIN LIFT SOCKET	1



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. PE8258	WASHER 31 / X 50 X 3 SS	2
. HRS1345385	NUT M30 HEX SS / M30	2
. HRS1345387	SPLIT PIN DIA. 6.3 x 40 SS	2
. PA0222	NUT M10 NYLOC SS	12
. PA0528	WASHER M10 FLAT SS	20
. PA4789	BOLT M10 x 45 SHCS SS A4 - 80	4
. AB6087	BOLT M10 X 190 HX HD SS (A4-80)	8
. AB5769	BUSH FMB4026DU	4
. PB9268	WASHER M8 SPRING SS	4
. PB5117	BOLT M8 x 25 SHCS SS A4-80	4
. PA0192	BOLT M6 x 25 SHCS SS	8
. AB8161	SLEEVE UMBILICAL SPELTER	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB5673	ASSEMBLY QUANTUM 18L RESERVOIR	1
. . AB5672	HOUSING SUCTION	1
. . DE 2111	6.3 LITRE COMP, BASE PLATE	1
. . DE 2112	6.3 LITRE COMP PISTON HOUSING	1
. . VE 3236	MAIN BODY VENOM RESERVOIR	1
. . VE 3310	PISTON VENOM RESERVOIR	1
. . TEMP 780	6.3L DIAPHRAGM	1
. . OV 4690-4	BAR MAGNETS NEODYMIUM / 9.0mm dia X 9mm hiç	4
. . VE 3092-1	SPRING 6.3L COMP, 7-14 PSI	1
. . AA2900	BLOCK RESERVOIR INTERFACE	1
. . AA0306	FILTER SUCTION STRAINER / 2"BSP 225LPM	1
. . OR 1065	O RING BS268 (NBR70)	2
. . AA0409	CONNECTOR MCBH-2-MP SS / IMPULSE	1
. . PA0192	BOLT M6 x 25 SHCS SS	12
. . PA4774	BOLT M6 x 30 SHCS SS	12
. . PA4815	BOLT M6 x 50 SHCS SS	12
. . PA4794	BOLT M6 x 40 SHCS SS	12
. . PA0078	NUT M6 NYLOC SS	24
. . PA0546	WASHER M6 FLAT SS	36
. . PB9764	WASHER M6 SPRING SS	24
. . WA1902	FITTING MMA 2"BSP	1
. . PD5635	INSERT HELICOIL M12 x 1.5D SS	8
. . PD5639	INSERT HELICOIL M10 x 1.5D SS	8
. . PD5645	INSERT HELICOIL M6 x 1.5D SS	24
. . PD5650	INSERT HELICOIL M4 x 2D SS	2

AB5673



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB5729	ASSEMBLY LAUNCH BLOCK	1
. . AB5478	BLOCK ROV LAUNCH	1
. . AA8222	ROV-0186-103-02 E / PISTON ROD	2
. . AA8223	ROV-0186-103-03 SPACER	2
. . AA8234	RETAINING RING / (SMALLEY/TFC - WS-87-SO2)	2
. . AB6222	LATCH ROLLER	2
. . AA8226	ROV-0186-103-06 GLAND	2
. . AA8227	ROV-0186-103-07 C / PLUG	2
. . AA8228	ROV-0186-103-08 / COMPRESSION SPRING	2
. . AA8229	ROV-0186-103-11 A / SPACER	8
. . AA8215	O RING / 28.3 x 1.78	2
. . AA8219	O RING / 11.6 X 2.4	2
. . AA8230	SEAL ANTI-EXTRUSION RING (252-638-1670)	2
. . AA8231	SPIRAL PTFE ANTI -EXTRUSION RING / (DOWTY - 252-210-1	6
. . AA8235	SLYDRING / (SHAMBAN - S-57165-0254-47-A)	2
. . AA8233	TORSION SPRING / (ASSOCIATED SPRINGS - T085-180-641I	4
. . AA8220	SEAL O RING 18.64 x 3.53	4
. . AB5730	PIN ROLLER	2
. . PC1130	BLANK KOENIG 5MM SS / MB 600-050	4
. . PE5907	BLANK KOENIG 8MM SS / MB 600-080	2
. . AB7000	CIRCLIP 16mm INT BS1300 SS	4
. . AB9112	FITTING PLUG M12 VSR SS	2



MBARI - TIBURON
ROV Parts List

AB5969	ASSEMBLY ELECTRICS - MBARI ROV	1
. AB5970	ASSEMBLY JB 1 - MBARI ROV	1
. AB5971	ASSEMBLY JB 2 - MBARI ROV	1
. AB5972	ASSEMBLY LAMP DIMMING JB - MBARI ROV	1
. AB6314	ASSEMBLY POD - MBARI ROV	1
. AB6614	ASSEMBLY UMBILICAL TERMINATION - MBARI	1
. AB5973	ASSEMBLY 'UN-ATTACHED' HARNESSSES MBARI	1
. AB5060	DRAWING HARNESS G.A. MBARI	0
. AA2919	ASSEMBLY GYRO	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB5970	ASSEMBLY JB 1 - MBARI ROV	1
. . AB6665	ADAPTOR DORN FITTING (SIZE 2)	15
. . PB9936	SEAL O-RING BS019 (20.35 X 1.78)	15
. . PB9764	WASHER M6 SPRING SS	30
. . PD5645	INSERT HELICOIL M6 x 1.5D SS	30
. . OR 1040	O RING CORD 3mm	2
. . PA4774	BOLT M6 x 30 SHCS SS	30
. . PA0546	WASHER M6 FLAT SS	30
. . PF0342	BOLT M4 x 16 SKT BUTTON HEAD SS	8
. . PC0164	WASHER M4 SPRING SS	8
. . PD5642	INSERT HELICOIL M8 x 1.5D SS	1
. . PA9812	SEAL O-RING BS009 NBR90 (MINI 4) / (5.28 X 1.78)	30
. . PC4046	CONNECTOR D / 9-WAY SHELL BLACK PLASTIC (RS484-78)	1
. . PC4083	CONNECTOR D 9-WAY PLUG	1
. . PH2117	TERMINAL PHOENIX MICRO 1.5 DOUBLE	100
. . PH2118	TERMINAL PHOENIX MICRO 1.5 END PLATE DD	10
. . PF4960	TERMINAL PHOENIX MICRO 1.5 JUMPER BAR / 10-WAY	4
. . PG3913	TERMINAL WIELAND END CLAMP	4
. . PC1663	FUSE 8A RESETTABLE	1
. . PB2751	FUSE 1.1A RESETTABLE	1
. . PB7878	RESISTOR 10K MFR4 0.5W 1% / 1x 50 PER PACK	1
. . PK3831	TERMINAL FUSED / ENDCAP FEC593771	2
. . PB7876	RESISTOR 4K7 / MFR4 0.5W 1% RS149-773	1
. . OM 5052	SPACER M4 x 16 with Stud Style 2 / M4 x 16	6
. . AA4957	CAPACITOR 22uf 25V TANT / FEC643-804	2
. . AA9979	PCB WATER INGRESS SENSOR	1
. . PC7138	FUSE 0.1A RESETTABLE / RS517-6562	2
. . PC4025	SEAL O-RING BS018 (18.77 X 1.78)	1
. . AB5963	DRAWING ELECTRICAL JB 1 LAYOUT - MBARI	0
. . AB5964	DRAWING ELECTRICAL JB 1 WIRING - MBARI	0
. . AB6442	ASSEMBLY HOUSING JB1 - MBARI	1

AB5970



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB7263	ASSEMBLY WAGO JB1 - MBARI	1
. . AA8146	SEMICONDUCTOR 24V TO 12V REG 1A	1
. . AB7887	GLAND CAP DORN / SIZE 2	15
. . AB7888	GLAND PLUG DORN / SIZE 2	15
. . AB8155	GLAND PACKING DORN / SIZE 2	1
. . AB8875	ASSEMBLY CIRCUIT PCB - 5V REGULATOR	1
. . PK3575	RELAY DC SOLID STATE DC INPUT	4
. . AA4904	CABLE CAT 5E BLUE 2.0M / FEC 727-9474	1
. . PF4949	FUSE HOLDER 20mm LEVER	10



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB5971	ASSEMBLY JB 2 - MBARI ROV	1
. . AB6665	ADAPTOR DORN FITTING (SIZE 2)	16
. . PB9936	SEAL O-RING BS019 (20.35 X 1.78)	16
. . PB9764	WASHER M6 SPRING SS	30
. . PD5645	INSERT HELICOIL M6 x 1.5D SS	30
. . OR 1040	O RING CORD 3mm	2
. . PA4774	BOLT M6 x 30 SHCS SS	30
. . PA0546	WASHER M6 FLAT SS	30
. . PF0342	BOLT M4 x 16 SKT BUTTON HEAD SS	8
. . PC0164	WASHER M4 SPRING SS	8
. . PD5642	INSERT HELICOIL M8 x 1.5D SS	1
. . PA9812	SEAL O-RING BS009 NBR90 (MINI 4) / (5.28 X 1.78)	30
. . PC4046	CONNECTOR D / 9-WAY SHELL BLACK PLASTIC (RS484-7)	1
. . PC4083	CONNECTOR D 9-WAY PLUG	1
. . PH2117	TERMINAL PHOENIX MICRO 1.5 DOUBLE	120
. . PH2118	TERMINAL PHOENIX MICRO 1.5 END PLATE DD	10
. . PF4960	TERMINAL PHOENIX MICRO 1.5 JUMPER BAR / 10-WAY	4
. . PG3913	TERMINAL WIELAND END CLAMP	4
. . PC1663	FUSE 8A RESETTABLE	1
. . PB2751	FUSE 1.1A RESETTABLE	7
. . PB7878	RESISTOR 10K MFR4 0.5W 1% / 1x 50 PER PACK	1
. . PK3831	TERMINAL FUSED / ENDCAP FEC593771	2
. . PB7876	RESISTOR 4K7 / MFR4 0.5W 1% RS149-773	1
. . OM 5052	SPACER M4 x 16 with Stud Style 2 / M4 x 16	6
. . AA4957	CAPACITOR 22uf 25V TANT / FEC643-804	1
. . PK3575	RELAY DC SOLID STATE DC INPUT	1
. . AA9979	PCB WATER INGRESS SENSOR	1
. . AB5965	DRAWING ELECTRICAL JB 2 LAYOUT - MBARI	0
. . AB5966	DRAWING ELECTRICAL JB 2 WIRING - MBARI	0
. . AB6443	ASSEMBLY HOUSING JB2 - MBARI	1
. . PB2750	FUSE 0.5A RESETTABLE	1



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. . PB5233	FUSE 1.85A RESETTABLE	4
. . PC6513	FUSE 4A RESETTABLE	1
. . PB6471	TERMINAL ENTRELEC FUSED PULL UP	14
. . AB7264	ASSEMBLY WAGO JB2 - MBARI	1
. . AB7291	ASSEMBLY HARNESSSES JB2 - MBARI	1
. . AA8146	SEMICONDUCTOR 24V TO 12V REG 1A	1
. . AB7887	GLAND CAP DORN / SIZE 2	16
. . AB7888	GLAND PLUG DORN / SIZE 2	16
. . AB8875	ASSEMBLY CIRCUIT PCB - 5V REGULATOR	1

MBARI - TIBURON
ROV Parts List

. AB5972	ASSEMBLY LAMP DIMMING JB - MBARI ROV	1
. . AA3049	PLATE, LAMP DIMMING MOUNT	1
. . AA3050	HOUSING, LAMP DIMMING	1
. . AB7271	FACEPLATE LAMP DIMMING BOX MBARI	1
. . AA1567	PLATE PERSPEX PCB MOUNT	1
. . AB6665	ADAPTOR DORN FITTING (SIZE 2)	10
. . PB9936	SEAL O-RING BS019 (20.35 X 1.78)	10
. . OR 1040	O RING CORD 3mm	2
. . PD8587	BOLT M6 x 80 SHCS SS	26
. . PA0546	WASHER M6 FLAT SS	26
. . PB9764	WASHER M6 SPRING SS	26
. . AA9979	PCB WATER INGRESS SENSOR	1
. . AB2033	MOUNTING SPACER M4 X 16 RS601-170	4
. . PA5996	BOLT M3 x 6 PAN HEAD SS	1
. . PB5023	BOLT M5 x 25 SHCS SS	4
. . PA4892	WASHER M5 FLAT SS	4
. . PB5858	BOLT M4 x 25 SHCS SS	4
. . PC0164	WASHER M4 SPRING SS	6
. . AA1467	PCB LAMP DIMMING 6 CHANNEL	1
. . PD8586	BOLT M4 x 10 PAN HEAD SS	2
. . AA0383	FITTING MMA / 1-1/16"UNF x 1-1/16"JIC SS	1
. . WA3126	SEAL O-RING BS912 (23.47 X 2.95) / 1-1/16"unf	1
. . AB7272	INSERT 1-1/16"JIC 90 x 3/4"R2/R8 SS	1
. . PF2054	CLIP JUBILEE SIZE 1 (DIA 25-35) SS	2
. . PD5645	INSERT HELICOIL M6 x 1.5D SS	26
. . PD5642	INSERT HELICOIL M8 x 1.5D SS	1
. . AB5967	DRAWING LAMP DIMMING JB WIRING - MBARI	0
. . PA9812	SEAL O-RING BS009 NBR90 (MINI 4) / (5.28 X 1.78)	26
. . PF4721	TERMINAL PHOENIX MICRO 1.5 / 31 00 30 5	18
. . PF4723	TERMINAL PHOENIX / MICRO END CLAMP RS446-084	2
. . PB3642	TERMINAL RAIL MINIATURE TS15	0



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . PF4724	TERMINAL PHOENIX MICRO 1.5 END PLATE	2
. . AB6313	HARNESS LAMP DIMMER - MBARI	1
. . AB7887	GLAND CAP DORN / SIZE 2	10
. . AB7888	GLAND PLUG DORN / SIZE 2	10



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB5973	ASSEMBLY 'UN-ATTACHED' HARNESES MBARI	1
. . AB6309	HARNESS TOOL SLED INTERFACE-MBARI	1
. . AB6858	HARNESS AUX JB - MBARI	1
. . AB6439	HARNESS HDTV FIBRE - MBARI	1
. . AB8153	GLAND PACKING DORN / SIZE 4	1
. . AB8069	ADAPTOR DORN FITTING (SIZE 4)	1
. . AB8151	GLAND CAP DORN / SIZE 4	1

MBARI - TIBURON
ROV Parts List

. AB6314	ASSEMBLY POD - MBARI ROV	1
. . OV 4407	VEE CLAMP 331MM	2
. . PC6170	SEAL O-RING / 259.30 X 5.7	2
. . PC6171	SEAL O-RING / 279.3 x 5.7	2
. . PC6172	SEAL ANTI-EXTRUSION RING 259.3 x 5.7	2
. . AB6967	CONNECTOR DUMMY SEALING PLUG / MINM-DSP	3
. . PC2386	BOLT M6 x 16 SHCS SS	28
. . PB9764	WASHER M6 SPRING SS	28
. . PB9268	WASHER M8 SPRING SS	8
. . PD5646	INSERT HELICOIL M6 x 2D SS	8
. . PB5117	BOLT M8 x 25 SHCS SS A4-80	8
. . PA4761	BOLT M4 x 16 SHCS SS	4
. . PC0164	WASHER M4 SPRING SS	4
. . AB0642	PIN POD OPEN	4
. . AB6870	ASSEMBLY VACUUM PORT /	1
. . AB6316	ASSEMBLY POD ELECTRONICS - MBARI ROV	1
. . AB6391	TUBE PRESSURE VESSEL 4000M	1
. . AB6390	FACEPLATE 4000M POD	1
. . AB6392	ENDPLATE PRESSURE VESSEL 4000M	1
. . AB6961	CONNECTOR - PIGTAILS FOR JB POWER / MINK-10-FCR-P	2
. . AB6311	CONNECTOR - PIGTAILS FOR JB1 SIG / MINO-52-FCR-P	1
. . AB6594	CONNECTOR - PIGTAILS FOR TOOL SLED / MINM-26-FCR-P	1
. . AB6958	CONNECTOR / MINM-12-FCR-P	1
. . AB6959	CONNECTOR - PIGTAILS ADDED FOR VT / MING-10-FCR-P	2
. . AB6960	CONNECTOR - PIGTAILS ADDED FOR POD POWER / MINO-44-FCR	1
. . AB8191	CONNECTOR - PIGTAILS FOR JB2 SIG / MINO-52-FCR-P	1
. . AB8192	CONNECTOR - PIGTAILS FOR LAMP DIMMER / MINO-26-FCR-P	1
. . AB8878	CONNECTOR DUMMY SEALING PLUG / MINK-DSP	2
. . AB8879	CONNECTOR DUMMY SEALING PLUG / MINO-DSP	3
. . AB8880	CONNECTOR DUMMY SEALING PLUG / MING-DSP	2
. . AB8881	CONNECTOR DUMMY SEALING PLUG / MINP-DSP	1

MBARI - TIBURON
ROV Parts List

. . AB6316	ASSEMBLY POD ELECTRONICS - MBARI ROV	1
. . . AB7601	FABRICATION POD CHASSIS / MBARI	1
. . . AA0622	RING POD SLIDER	1
. . . AA0804	SENSOR FIBRE OPTIC GYRO	1
. . . AA0817	CIRCUIT LIM 110V / IR145Y-421	2
. . . PG3465	RELAY 24VDC DPCO FINDER 4462 7024 4000	26
. . . AA0872	PSU 24V DC to DC 400W	1
. . . PJ2017	RECTIFIER BRIDGE 50A 200V	2
. . . PE9113	CAPACITOR CLIP 51MM VERTICAL	3
. . . PK3718	CAPACITOR 47000uF 40V	3
. . . PB6471	TERMINAL ENTRELEC FUSED PULL UP	45
. . . AA1109	CABLE CONSOLE (PAIR) 100m	1
. . . PB7878	RESISTOR 10K MFR4 0.5W 1% / 1x 50 PER PACK	1
. . . PC0892	TERMINAL ENTRELEC 25mm HIGH CURRENT	6
. . . PC0893	TERMINAL ENTRELEC HIGH CURRENT SPACER	7
. . . PC0894	TERMINAL ENTRELEC HIGH CURRENT COVER	3
. . . PK3777	TERMINAL FUSE HOLDER BLADE	1
. . . PK3834	FUSE 20A BLADE (AUTO)	1
. . . AA2097	CONNECTOR KIT 24828 FOR PSU AA0872	1
. . . PC4083	CONNECTOR D 9-WAY PLUG	1
. . . AA1803	PT100 ELEMENT / 10mm LONG (RS290-5070)	1
. . . PB2751	FUSE 1.1A RESETTABLE	1
. . . PC6087	FUSE 0.9A RESETTABLE	5
. . . PB7876	RESISTOR 4K7 / MFR4 0.5W 1% RS149-773	1
. . . PC6511	FUSE 2.5A RESETTABLE	3
. . . PG3847	RELAY TIMER TELECON 2PCO	1
. . . PH2117	TERMINAL PHOENIX MICRO 1.5 DOUBLE	250
. . . PH2118	TERMINAL PHOENIX MICRO 1.5 END PLATE DD	40
. . . PC4046	CONNECTOR D / 9-WAY SHELL BLACK PLASTIC (RS484-789)	1
. . . PF4960	TERMINAL PHOENIX MICRO 1.5 JUMPER BAR / 10-WAY	10
. . . PE2582	CONNECTOR SMB 50 OHM R/A PLUG RG174A/U	12

MBARI - TIBURON
ROV Parts List

. . . PC2865	TRUNKING CLOSED SLOT 25 x 20	11
. . . PK0968	TERMINAL END CLAMP (WIELAND)	2
. . . PB3642	TERMINAL RAIL MINIATURE TS15	1
. . . AA2505	DIN RAIL TOP HAT 35mm x 7.5mm x 1M	2
. . . PC6621	TRUNKING CLOSED / SLOT 50 X 25 CRITCHLEY BETADUCT 09	1
. . . PG3913	TERMINAL WIELAND END CLAMP	2
. . . PC2229	TERMINAL ENTRELEC 10MM FUSED END COVER	2
. . . AA2550	TRUNKING CLOSED SLOT 15 X 15 / RS 544-342	1
. . . PB2749	TERMINAL PCB 3-WAY 5MM PITCH 90deg	2
. . . AA9979	PCB WATER INGRESS SENSOR	2
. . . AB0854	CIRCUIT PCB RESPONDER TRIGGER INTERFACE	1
. . . AB1202	FIBRE OPTIC SS COUPLER / 200-350-SM	1
. . . AA7512	PLATE POWER SUPPLY COVER POD	1
. . . AB6315	DRAWING ELECTRICAL POD WIRING - MBARI	0
. . . AB6317	DRAWING ELECTRICAL POD LAYOUT - MBARI	0
. . . AB6962	ASSEMBLY WAGO - MBARI POD	1
. . . AB6964	PLATE CAP COVER POD	1
. . . AB6840	PSU 48V DC to DC 300W	2
. . . AA9038	FUSE AUTO RESET 5A 240V AC	2
. . . AB6971	FUSE - 1.6A RESETTABLE - 72V	1
. . . AB6972	FUSE 0.2A - RESETTABLE - 72V	1
. . . PC6088	FUSE 6A RESETTABLE	6
. . . AB3421	FUSE AUTO RESET 10A 240V AC	5
. . . PB9176	RECTIFIER BRIDGE / 25A 400V GBPC2504 (FEC 954-9390)	1
. . . AB6838	CAPACITOR 4700uF 250V	2
. . . AB6839	CAPACITOR CLIP 65MM	2
. . . AA3503	SENSOR PRESSURE 15-PSI SCX15AN	1
. . . AA5018	DC/DC SIGNAL CONDITIONER	1
. . . AB6957	SENSOR HUMIDITY	1
. . . PC1663	FUSE 8A RESETTABLE	3
. . . AB7248	FUSE - 50mA RESETTABLE - 60V	3
. . . AA9039	FUSE AUTO RESET 7A 240V AC	16



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . . PB2750	FUSE 0.5A RESETTABLE	2
. . . AA4957	CAPACITOR 22uf 25V TANT / FEC643-804	1
. . . PC7138	FUSE 0.1A RESETTABLE / RS517-6562	1
. . . AB7542	ASSEMBLY SIGNALS ISOLATION BOARD	1
. . . AA1716	SEMICONDUCTOR 24V TO 5V REG 1A	1
. . . AB8517	CONNECTOR D TYPE 62 WAY PLUG (	1
. . . AB8518	64-WAY RIBBON CABLE	1
. . . AB8753	RELAY SOCKET BLUE HOUSING + METAL CLIP / FINDER 95.65 & 01	26
. . . AB8797	CONNECTOR D TYPE HOUSING - 62 WAY / HDP20/22 SIZE 4	1
. . . PK2854	CABLE RJ45 / CONN FIELDPATCH HARTING 0945 151 1100	1
. . . PH9224	CONNECTOR 8-WAY / RJ45 DATA COMS PLUG (RS455-258)	3
. . . AA7510	CONNECTOR FOCAL 8-WAY 43025-0800	8
. . . AB1864	CRIMP FOR AB1863 RS173-3284	64
. . . AB8843	CABLE CRIMP PIN MALE	62

MBARI - TIBURON
ROV Parts List

. . AB6442	ASSEMBLY HOUSING JB1 - MBARI	1
. . . AB3440	COVER PERSPEX JB1	1
. . . PD8587	BOLT M6 x 80 SHCS SS	25
. . . AA0716	BOLT M6 x 180 SHCS SS	9
. . . PE4415	BOLT M5 x 35 SHCS A4 SS	4
. . . PA0546	WASHER M6 FLAT SS	53
. . . PB9764	WASHER M6 SPRING SS	53
. . . PA9746	WASHER M5 SPRING SS	4
. . . PA4892	WASHER M5 FLAT SS	4
. . . PD5646	INSERT HELICOIL M6 x 2D SS	34
. . . PD5644	INSERT HELICOIL M6 X 1D SS	19
. . . OR 1040	O RING CORD 3mm	7
. . . AA1643	PLATE CURVETECH LOGO 5MM YELLOW	2
. . . PD5641	INSERT HELICOIL / M8 X 1D SS	4
. . . PC4816	BOLT M8 x 16 SHCS SS A4-80	4
. . . PB9268	WASHER M8 SPRING SS	4
. . . PA9812	SEAL O-RING BS009 NBR90 (MINI 4) / (5.28 X 1	28
. . . AB6435	HOUSING JB - MBARI	1
. . . AB6436	PLATE BASE JB - MBARI	1
. . . AB6434	PLATE CONNECTORS JB1 - MBARI	1
. . . AB6639	PLATE SPACER JB 50mm	1
. . . AB6646	CLAMP RING JB	1
. . . PJ6626	BOLT M6 x 110 SHCS SS	19
. . . LB 0100	TECHNICIAN LABOUR	4

MBARI - TIBURON
ROV Parts List

. . AB6443	ASSEMBLY HOUSING JB2 - MBARI	1
. . . AB3440	COVER PERSPEX JB1	1
. . . AA0716	BOLT M6 x 180 SHCS SS	9
. . . PD8587	BOLT M6 x 80 SHCS SS	25
. . . PE4415	BOLT M5 x 35 SHCS A4 SS	4
. . . PA0546	WASHER M6 FLAT SS	53
. . . PB9764	WASHER M6 SPRING SS	53
. . . PA9746	WASHER M5 SPRING SS	4
. . . PA4892	WASHER M5 FLAT SS	4
. . . PD5646	INSERT HELICOIL M6 x 2D SS	34
. . . PD5644	INSERT HELICOIL M6 X 1D SS	19
. . . OR 1040	O RING CORD 3mm	7
. . . AA1643	PLATE CURVETECH LOGO 5MM YELLOW	2
. . . PD5641	INSERT HELICOIL / M8 X 1D SS	4
. . . PC4816	BOLT M8 x 16 SHCS SS A4-80	4
. . . PB9268	WASHER M8 SPRING SS	4
. . . PA9812	SEAL O-RING BS009 NBR90 (MINI 4) / (5.28 X 1	28
. . . AB6435	HOUSING JB - MBARI	1
. . . AB6436	PLATE BASE JB - MBARI	1
. . . AB6438	PLATE CONNECTORS JB2 - MBARI	1
. . . AB6639	PLATE SPACER JB 50mm	1
. . . AB6646	CLAMP RING JB	1
. . . PJ6626	BOLT M6 x 110 SHCS SS	19
. . . LB 0100	TECHNICIAN LABOUR	4



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB6614	ASSEMBLY UMBILICAL TERMINATION - MBARI	1
. . AB8182	ADAPTOR 5/8"-18 UNF BCR	2
. . AB2953	BLANKING PLUG 5/8" ELEC SS	2
. . AB6714	ASSEMBLY COVERS UMB TERM /	1
. . AB6715	PLATE BASE ELECTRICAL TERMINATION	1
. . AB8178	ADAPTOR OIL-FILLED POWER CABLE	1
. . AB0528	ADAPTOR HPU POWER CABLE	1
. . HRS1761317	'O'-RING 200-236-4470	3
. . AB8179	ADAPTOR POD FIBRE CABLE	1
. . PD5642	INSERT HELICOIL M8 x 1.5D SS	8
. . PD5645	INSERT HELICOIL M6 x 1.5D SS	38
. . PC4025	SEAL O-RING BS018 (18.77 X 1.78)	2
. . PC2384	SEAL O-RING 54.5 X 3.0	2
. . PA0546	WASHER M6 FLAT SS	20
. . PB9764	WASHER M6 SPRING SS	20
. . AB6615	ASSEMBLY INTERNAL PARTS / ELECTRICAL TERMINATION MBAR	1
. . AB7292	ASSEMBLY HARNESSSES UMB TERM - MBARI	1
. . AB7438	ASSEMBLY UMBILICAL GLAND / MBARI ROV	1
. . PA4774	BOLT M6 x 30 SHCS SS	20
. . AB6976	DRAWING UMBILICAL ALLOCATION - MBARI	0



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB6615	ASSEMBLY INTERNAL PARTS / ELECTRICAL TERMINATION MBARI	1
. . . AB8215	PLATE BASE INSULATION	1
. . . AB8216	PLATE HV STUD MOUNT /	1
. . . AB3471	PLATE, STUD LOCK	5
. . . PB9823	BOLT M6 / X 30 HX HD SS	5
. . . WA0353	NUT M6 SS	10
. . . AB7956	BOLT TRANSFORMER MOUNT	1
. . . PC0892	TERMINAL ENTRELEC 25mm HIGH CURRENT	6
. . . PC0894	TERMINAL ENTRELEC HIGH CURRENT COVER	3
. . . PC0893	TERMINAL ENTRELEC HIGH CURRENT SPACER	7
. . . PF0544	BOLT M6 / X 40 SKT CSK SS	4
. . . PB7784	BOLT M5 x 16 SHCS SS	6
. . . PA4892	WASHER M5 FLAT SS	6
. . . PA9746	WASHER M5 SPRING SS	6
. . . PG3917	TERMINAL WIELAND / 4MM EARTH (57.504.9055.0)	1
. . . AA2505	DIN RAIL TOP HAT 35mm x 7.5mm x 1M	1
. . . AB1202	FIBRE OPTIC SS COUPLER / 200-350-SM	5
. . . AB6613	TRANSFORMER 3kV - MBARI ROV / DIA 320 X 120 - WT 43KG	1
. . . AB7424	FUSE 50A BLADE (AUTO)	4
. . . AB5679	BRACKET F/O COUPLER 6 - WAY	1
. . . PC3680	TERMINAL ENTRELEC / TRIPLE DECK TYPE 1 (RS454-693)	2
. . . PC3681	TERMINAL ENTRELEC / TRIPLE DECK END COVER (RS454-817	2
. . . AB8213	NUT M42 x 2 PITCH LOCKING / (16 THK ZINC-PLATED)	1
. . . AB7249	FUSE 15A AUTO BLADE	2
. . . OC 9490	SPACER NYLON, M5 X 25 / M5 X 25	4
. . . AB9257	FUSEHOLDER, 50A, AUTO	6
. . . AB9258	FUSEHOLDER COVER FOR AB9257	6



MBARI - TIBURON
ROV Parts List

. AB6675	ASSEMBLY LIGHTING BAR	1
. . AB6676	FABRICATION LIGHTING BAR	1
. . AB6677	FABRICATION HDTV HANGER	1
. . AB6678	PLATE TOP MOUNT LIGHTING BAR	2
. . AB6679	SPACER LIGHTING BAR MOUNT	2
. . AB8511	BOSS FRAME FIXING	2
. . AB8526	PIN SPIROL 4 x 35 HCK (HEAVY DUTY S	2
. . PD7142	BOLT M8 x 20 HX HD SS	8
. . PB9268	WASHER M8 SPRING SS	8
. . AC0049	CAP SQUARE SECTION	2

MBARI - TIBURON
ROV Parts List

. . AB6714	ASSEMBLY COVERS UMB TERM /	1
. . . AB6718	COVER TRANSFORMER ELEC TERM /	1
. . . AB6719	HOUSING ELECTRICAL TERMINATION /	1
. . . AB6720	COVER UMBILICAL TERMINATION /	1
. . . AB6721	CLAMP UMBILICAL TERMINATION	1
. . . AA1643	PLATE CURVETECH LOGO 5MM YELLOW	2
. . . OR 1040	O RING CORD 3mm	3
. . . PC0067	BOLT M6 x 130 SHCS SS	22
. . . PA0546	WASHER M6 FLAT SS	22
. . . PB9764	WASHER M6 SPRING SS	38
. . . PB5023	BOLT M5 x 25 SHCS SS	4
. . . PA4892	WASHER M5 FLAT SS	12
. . . PA9746	WASHER M5 SPRING SS	8
. . . AB6727	SPACER, RING ROV TERMINATION	1
. . . AB8269	SEAL O-RING 365 x 4.0 NBR70	1
. . . PA4794	BOLT M6 x 40 SHCS SS	16



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB6870	ASSEMBLY VACUUM PORT /	1
. . . AB6871	FLANGE VACUUM PORT	1
. . . AB6872	COVER VACUUM PORT	1
. . . AA5130	SEAL ANTI-EXTRUSION / JW 150-020 FOR BS020 O-R	1
. . . PJ9452	VALVE RELIEF / SWAGELOK SS-4CP21	1
. . . PB5194	SEAL O-RING BS020 HRS306 PISTON / 21.95 X 1.78	1
. . . PK0496	SEAL O-RING / BS123 NBR80 (29.82 X 2.62)	1
. . . PC4027	SEAL O-RING / BS022 (25.12 x 1.78)	1
. . . AB6873	SEAL O-RING BS124 (31.42 x 2.62)	1
. . . AA9976	CONNECTOR 6 WAY SPRING TERM RS357-9515	1
. . . AA9977	CONNECTOR 6 WAY PCB HEADER RS357-9571	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . . AB6962	ASSEMBLY WAGO - MBARI POD	1
. . . . PG7194	FIELDDBUS COUPLER MODBUS (RS485) 750-315	1
. . . . PJ6214	FIELDDBUS I/O MODULE DIG IP, 8-CH, 24VDC	1
. . . . PJ6213	FIELDDBUS DIG OP/HS, 8-CH, 0.5A 24VDC / WAGO 750-	11
. . . . PH5603	FIELDDBUS REL OP/CO, 2-CH, 0.5A 750-514	1
. . . . PH5363	FIELDDBUS ANL IP/SE 0-10V 4-CH 750-468	1
. . . . AB6241	FIELDDBUS WAGO ANL IP/DIFF 0-10V AC/DC / 2-CH	2
. . . . PJ6086	FIELDDBUS ANL IP/PT100 2-CH	1
. . . . PG7454	FIELDDBUS END TERMINAL	1
. . . . AB6844	FIELDDBUS WAGO ANL OP 4-20mA 4-CH	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB6995	ASSEMBLY HPU BRACKETS	1
. . AB6994	BRACKET HPU MOUNT	2
. . PA0528	WASHER M10 FLAT SS	8
. . PA0222	NUT M10 NYLOC SS	4
. . PA5724	BOLT M10 x 30 SHCS SS A4-80	4
. . PA0546	WASHER M6 FLAT SS	8
. . PA0078	NUT M6 NYLOC SS	4
. . PC3341	BOLT M6 x 10 SHCS SS	4



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB7074	ASSEMBLY SUCTION FOR 140CC PUMP	1
. . . AB7161	SUCTION HOSE INSERT 140CC PUMP / 2-1/2" SAE 3K	1
. . . AB7286	SUCTION HOSE INSERT 2-1/2" SAE 3K	1
. . . AB7357	HOSE AUSTRALIA 3" / WORKING PRESSURE 150 P	1
. . . PF9112	CLAMP HOSE 3" HYDRASUN SC75X75 SS	2



MBARI - TIBURON
ROV Parts List

. AB7185	ASSEMBLY POD BRACKETS / 4000m POD	1
. . AB7186	MOUNT ELECTRONICS POD / DIA 326	2
. . PA5724	BOLT M10 x 30 SHCS SS A4-80	4
. . PA0528	WASHER M10 FLAT SS	4
. . PA0051	WASHER M10 SPRING SS	4
. . AA2664	TURNBUCKLE FORK & FORK CLOSED BODY / 541-1/4	4
. . AB6952	POD STRAP 500MM BLUE	2
. . PC2388	WASHER M8 FLAT SS	16
. . PB5117	BOLT M8 x 25 SHCS SS A4-80	8
. . PB3107	NUT M8 NYLOC SS	8
. . PK1866	SHACKLE 'D' 8mm SS / 8mm Dia	2



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. AB7187	ASSEMBLY ALTIMETER MOUNT	1
. . AA1932	BRACKET SIT CAMERA	1
. . PB2878	CLIP JUBILEE SIZE 6X (DIA 130-150) S	1
. . PA4774	BOLT M6 x 30 SHCS SS	4
. . PA0078	NUT M6 NYLOC SS	4
. . PA0546	WASHER M6 FLAT SS	4



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB7188	ASSEMBLY 12-ST HCU MOUNT	1
. . AB7445	BRACKET 12-ST HCU MOUNT	1



MBARI - TIBURON
ROV Parts List

. . AB7263	ASSEMBLY WAGO JB1 - MBARI	1
. . . PG7194	FIELDBUS COUPLER MODBUS (RS485) 750-315	1
. . . PJ6213	FIELDBUS DIG OP/HS, 8-CH, 0.5A 24VDC / WAGO 750-	2
. . . PJ7377	FIELDBUS DIG OP/HS 2-CH 2A 24V / WAGO 750-502	3
. . . PH5363	FIELDBUS ANL IP/SE 0-10V 4-CH 750-468	1
. . . PG7454	FIELDBUS END TERMINAL	1



MBARI - TIBURON
ROV Parts List

. . AB7264	ASSEMBLY WAGO JB2 - MBARI	1
. . . PG7194	FIELDDBUS COUPLER MODBUS (RS485) 750-315	1
. . . PJ6213	FIELDDBUS DIG OP/HS, 8-CH, 0.5A 24VDC / WAGO 750-	1
. . . PJ7377	FIELDDBUS DIG OP/HS 2-CH 2A 24V / WAGO 750-502	5
. . . PH5363	FIELDDBUS ANL IP/SE 0-10V 4-CH 750-468	1
. . . PG7454	FIELDDBUS END TERMINAL	1
. . . PJ7378	FIELDDBUS PSU 24VDC 10A 5VDC 2A 750-613	1

. . AB7267	ASSEMBLY HARNESSSES JB1 - MBARI	1
. . . AB6857	HARNESS GYROCOMPASS - MBARI	1
. . . AB6306	HARNESS JB POWER - MBARI	1
. . . AB6307	HARNESS JB 1 SIGNALS 52-WAY-MBARI	1
. . . PF2054	CLIP JUBILEE SIZE 1 (DIA 25-35) SS	1
. . . AA9730	INSERT 1-5/16"JIC / 90 X 1" R2/AT SS	1
. . . AA2106	INSERT 3/4"JIC / 90 X 1/2"R2AT SS	1
. . . AA0886	FITTING MMA / 1-5/16"UNF x 1-5/16"JIC SS	1
. . . PD9044	SEAL O-RING BS916 (29.74 x 2.95) / 1-5/16"UN	1
. . . WA3126	SEAL O-RING BS912 (23.47 X 2.95) / 1-1/16"un	1
. . . AB7943	FITTING MMA 1-1/16"UNF x 3/4"JIC SS	1
. . . WA3078	CLIP JUBILEE 19-44mm SS / PARKER - SS200	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB7291	ASSEMBLY HARNESSSES JB2 - MBARI	1
. . . AB6861	HARNESS HDTV POWER - MBARI / CABLE SUPPLIED BY MBAF	1
. . . AB6306	HARNESS JB POWER - MBARI	1
. . . AB6308	HARNESS JB 2 SIGNALS 52-WAY-MBARI	1
. . . PF2054	CLIP JUBILEE SIZE 1 (DIA 25-35) SS	2
. . . PE3281	CLIP JUBILEE / SIZE 0 (DIA 16-22) SS	1
. . . AA9730	INSERT 1-5/16"JIC / 90 X 1" R2/AT SS	1
. . . AA2106	INSERT 3/4"JIC / 90 X 1/2"R2AT SS	1
. . . AA0886	FITTING MMA / 1-5/16"UNF x 1-5/16"JIC SS	1
. . . PD9044	SEAL O-RING BS916 (29.74 x 2.95) / 1-5/16"UNF	1
. . . WA3126	SEAL O-RING BS912 (23.47 X 2.95) / 1-1/16"unf	1
. . . AB7943	FITTING MMA 1-1/16"UNF x 3/4"JIC SS	1



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. . AB7292	ASSEMBLY HARNESSSES UMB TERM - MBARI	1
. . . AB7293	CONNECTOR - FIBRE BULKHEAD / MINF-BCRL-SS	2
. . . AB6312	HARNESS POD POWER - MBARI	1
. . . AA9730	INSERT 1-5/16"JIC / 90 X 1" R2/AT SS	1
. . . AA0886	FITTING MMA / 1-5/16"UNF x 1-5/16"JIC SS	1
. . . PD9044	SEAL O-RING BS916 (29.74 x 2.95) / 1-5/16"UNF	1
. . . PF2054	CLIP JUBILEE SIZE 1 (DIA 25-35) SS	1



MBARI - TIBURON
ROV Parts List

. AB7375	ASSEMBLY SKIDS & GRATING / MBARI	1
. . AA5993	PAD QUANTUM SKID OUTER	2
. . AA5994	PAD QUANTUM SKID INNER	2
. . AB7269	GRATING OUTER #1	2
. . AA6253	GRATING SHEET #2	1
. . AA6729	PAD GRATING RETAINER	4
. . PA0260	BOLT M10 x 50 SHCS SS A4 - 80	32
. . PA0222	NUT M10 NYLOC SS	38
. . PA0528	WASHER M10 FLAT SS	38
. . AA4655	BOLT M10 / X 150 SHCS A2 SS	4
. . PB9175	BOLT M10 x 160 SHCS SS	2
. . AA6899	PAD GRATING RETAINER MID	2
. . AB5275	GRATING SHEET AFT MID /	1
. . AB7270	GRATING OUTER #2	2



MBARI - TIBURON
ROV Parts List

. . AB7438	ASSEMBLY UMBILICAL GLAND / MBARI ROV	1
. . . AA6664	ADAPTOR UMBILICAL GLAND	1
. . . AB0560	LOCKPLATE DIA 44 UMB COLLAR	1
. . . AB0558	COLLAR UMBILICAL GLAND	1
. . . AB7620	SHEATH UMBILICAL GLAND DIA 13	1
. . . AB0561	PLUG UMBILICAL GLAND	1
. . . HRS1761317	'O'-RING 200-236-4470	1
. . . HRS731111	'O'-RING REF.224 NITRILE 200-224-4470	1
. . . PF2054	CLIP JUBILEE SIZE 1 (DIA 25-35) SS	3
. . . PC2386	BOLT M6 x 16 SHCS SS	2
. . . PA0546	WASHER M6 FLAT SS	6
. . . PA4774	BOLT M6 x 30 SHCS SS	4
. . . PB9764	WASHER M6 SPRING SS	4



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB7439	ASSEMBLY LD BOX MOUNTS /	1
. . AB7462	BRACKET LD BOX PORT /	2
. . AB7463	BRACKET LD BOX STBD /	2
. . PB2172	BOLT M10 x 35 SHCS SS A4 - 80	4
. . PA0222	NUT M10 NYLOC SS	12
. . PA0260	BOLT M10 x 50 SHCS SS A4 - 80	8
. . PA0528	WASHER M10 FLAT SS	24



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB7440	ASSEMBLY JB MOUNTS	2
. . AB7553	BRACKET JUNCTION BOX	2



MBARI - TIBURON
ROV Parts List

. AB7441	ASSEMBLY AUXILIARY MANIFOLD	1
. . AB7442	MANIFOLD AUXILIARY TOOLS	1
. . AB7696	VALVE PRESS REDUCING / T-2A 80LPM	1
. . PD3852	TEST POINT SS 1/4" BSP SMK2004/4PCSS / STAUF	1
. . PD5645	INSERT HELICOIL M6 x 1.5D SS	2



MBARI - TIBURON
ROV Parts List

. AB7443	ASSEMBLY TITAN MANIP MOUNT LH	1
. . AB5379	PLATE SCHILLING T4 MOUNT LH	1
. . PA0222	NUT M10 NYLOC SS	12
. . PA0528	WASHER M10 FLAT SS	24
. . PB5861	BOLT M10 x 40 SHCS SS A4 - 80	6
. . AA4655	BOLT M10 / X 150 SHCS A2 SS	2
. . PB7718	BOLT M10 x 180 SHCS SS	2
. . PB9175	BOLT M10 x 160 SHCS SS	2
. . PC0385	WASHER 1/2" / FLAT SS	6
. . PE2836	NUT 1/2"UNF / LOCKNUT SS	6
. . PB5065	WASHER 1/2" SPRING SS	6
. . AB2839	1/2" UNF A4 STUDDING 4" LONG SS	6



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB7444	ASSEMBLY VB SYSTEM MOUNTINGS	1
. . AB8314	BRACKET VB SPHERE	4
. . PG0268	CLAMP STAUFF / STD 42MM OD SINGLE GRP5 SS C/W TOP+BOL	1
. . PD8854	CLAMP STAUFF / STD 48.3 OD SINGLE GRP6 SS C/W TOP+BOLT	2
. . AB8491	STRAP VB SPHERE	4
. . AB6929	DRAWING VB ASSEMBLY CIRCUIT	0
. . AB8553	FABRICATION POD MOUNT	2
. . AB8555	BEAM VB MOUNT	1
. . AB8568	BEAM OUTER VB MOUNT	2
. . AB8569	SPACER VB MOUNT BEAM	2
. . PA4705	BOLT M6 x 45 SHCS A2 SS	4
. . PB9266	BOLT M6 x 20 SHCS SS	4
. . PA0078	NUT M6 NYLOC SS	8
. . PA0546	WASHER M6 FLAT SS	8
. . PC0219	BOLT M8 x 45 SHCS SS	16
. . PB5117	BOLT M8 x 25 SHCS SS A4-80	12
. . PB3107	NUT M8 NYLOC SS	28
. . PC2388	WASHER M8 FLAT SS	28
. . AB8848	BRACKET VB PANEL	2
. . PD5645	INSERT HELICOIL M6 x 1.5D SS	8
. . AB8954	TURNBUCKLE FORK END / 6mm RH THREAD SS	8
. . AB9130	FITTING MFA 7/16"UNF x 1/4"NPT SS	1
. . PD8370	VALVE RELIEF 15psi (1/4"NPT)	1



MBARI - TIBURON
ROV Parts List

. AB7446	ASSEMBLY LAMP BALLAST POD MOUNTS	1
. . AB8631	BRACKET BULKHEAD PLATE LH	1
. . AB8632	BRACKET BULKHEAD PLATE RH	1
. . AB8633	CLAMP 128 DIA BOTTLE	4
. . PJ3748	STUD M8 X 200 A2 SS	8
. . PB3107	NUT M8 NYLOC SS	28
. . PA4782	NUT M8 SS	16
. . PC2388	WASHER M8 FLAT SS	48
. . PB8761	BOLT M8 x 35 SHCS SS A4	12
. . PA0379	BOLT M8 x 20 SHCS SS A4-80	8
. . AA1932	BRACKET SIT CAMERA	2
. . AB8655	BRACKET UPPER BALLAST POD	2
. . PB2878	CLIP JUBILEE SIZE 6X (DIA 130-150) SS	2



MBARI - TIBURON
ROV Parts List

. . AB7521	ASSEMBLY HARNESES - TCU - MBARI	1
. . . AB6437	HARNESS RESERVOIR MOISTURE - MBARI	1
. . . AB6859	HARNESS COMPS - MBARI	1
. . . AB6310	HARNESS POWER/SIG TCU/HCU - MBARI	1
. . . AB8158	GLAND PACKING DORN / SIZE 2	2
. . . AB8157	GLAND PACKING DORN / SIZE 2	1



MBARI - TIBURON
ROV Parts List

. . AB7522	ASSEMBLY HARNESES - HCU - MBARI	1
. . . AB6859	HARNESS COMPS - MBARI	4
. . . AB6310	HARNESS POWER/SIG TCU/HCU - MBARI	1
. . . AB6860	HARNESS MOTOR TEMP/MOIST - MBARI	1
. . . AB8158	GLAND PACKING DORN / SIZE 2	5
. . . AB8157	GLAND PACKING DORN / SIZE 2	1



MBARI - TIBURON
ROV Parts List

. . . AB7542	ASSEMBLY SIGNALS ISOLATION BOARD	1
. . . . AB7543	PCB RS232 SIGNALS ISOLATION BOARD	2
. . . . AB7544	PCB RS485 SIGNALS ISOLATION	2
. . . . AB7545	PCB VIDEO ISOLATION BOARD	1
. . . . AB7546	PCB SIGNALS ISOLATION MOTHERBOARD	1



MBARI - TIBURON
ROV Parts List

. AB7698	ASSEMBLY VB PUMP MANIFOLD	1
. . AB7697	MANIFOLD VB PUMP LOAD	1
. . AA1236	VALVE SUN / CVCV-XCN	1
. . PD3852	TEST POINT SS 1/4" BSP SMK2004/4PCSS / STAUFF	1
. . AB7710	VALVE SUN FLOW CONTROL (38LPM) / PRESSURE COMPENSATI	1



MBARI - TIBURON
ROV Parts List

. AB7905	ASSEMBLY 2.75L COMP MOUNTS	2
. . AB1297	CLAMP COMPENSATOR DUAL (PAIR)	4
. . AA0876	STUD M10 x 205 SS	12
. . PA0222	NUT M10 NYLOC SS	24
. . PA0528	WASHER M10 FLAT SS	24
. . AB7906	BEAM COMPENSATOR MOUNT	4
. . PC0219	BOLT M8 x 45 SHCS SS	16
. . PB3107	NUT M8 NYLOC SS	16
. . PC2388	WASHER M8 FLAT SS	16



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB8146	ASSEMBLY TCU FILTER BRACKETS	1
. . AB7007	FILTER BRACKET 80 - 100mm DIA	1
. . PA0054	CLIP JUBILEE 80-130mm SS / PARKER - SS720	2



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB8238	ASSEMBLY DECK CONNECTION PRESSURE / NON-BSP	1
. . . WA3125	SEAL O-RING BS910 (19.18 x 2.46) 7/8"UNF	1
. . . AB8259	ADAPTOR MALE 7/8"UNF x 5/8" STANDPIPE / SWAGELOK SS-10-TA-1-11	1
. . . AB8260	UNION ELBOW 5/8" / SWAGELOK SS-1010-9	1
. . . AB8440	REDUCER 1/2" TUBE x 5/8" STANDPIPE / SWAGELOK SS-810-R-10	1
. . . AA3236	ADAPTOR MALE 1/2" BSPP 1/2" STANDPIPE / SWAGELOK SS-8-TA-1-8R	1
. . . AB7096	COUPLING Q/R CARRIER 1/2" FASTER	1
. . . AB7097	COUPLING Q/R PROBE 1/2" FASTER	1
. . . PC7330	FITTING MMA 3/4"JIC x 1/2"BSP CONE SS	1
. . . WA1079	SEAL BONDED SS 1/2"BSP	2
. . . AA2179	FITTING CAP 3/4"JIC SS	1

AB8238

MBARI - TIBURON
ROV Parts List

. . AB8239	ASSEMBLY DECKPACK CONNECTION RETURN / NON-BSP	1
. . . WA3125	SEAL O-RING BS910 (19.18 x 2.46) 7/8"UNF	1
. . . AB8259	ADAPTOR MALE 7/8"UNF x 5/8" STANDPIPE / SWAGELOK SS-10-TA-1-11	1
. . . AB8260	UNION ELBOW 5/8" / SWAGELOK SS-1010-9	1
. . . AA3155	CONNECTOR MALE 3/4" BSPP 3/4" TUBE / SWAGELOK SS-1210-1-12RS	1
. . . AB8441	REDUCER 5/8" TUBE x 3/4" STANDPIPE / SWAGELOK SS-1010-R-12	1
. . . AB8442	PORT CONNECTOR 5/8" / SWAGELOK SS-1011-PC	1
. . . PB7256	SEAL BONDED SS 3/4"BSP	2
. . . AB8474	COUPLING Q/R CARRIER 3/4" FASTER	1
. . . AB8475	COUPLING Q/R PROBE 3/4" FASTER	1
. . . PJ7404	FITTING MMA 1-1/16" JIC x 3/4" BSP SS	1
. . . AB8228	FITTING CAP 1-1/16"JIC SS	1



MBARI - TIBURON
ROV Parts List

. AB8707	ASSEMBLY SCIENCE BOX MOUNT	1
. . AB8708	BEAM SCIENCE BOX MOUNT	1
. . AB8730	BRACKET POD VESSEL / DIA 120-180	2
. . PA4774	BOLT M6 x 30 SHCS SS	8
. . PA0078	NUT M6 NYLOC SS	8
. . PA0546	WASHER M6 FLAT SS	8
. . PB5117	BOLT M8 x 25 SHCS SS A4-80	4
. . PB3107	NUT M8 NYLOC SS	4
. . PC2388	WASHER M8 FLAT SS	4
. . PG0230	CLIP JUBILEE SIZE 8-1/2" (DIA 180-215) !	2



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. AB8749	ASSEMBLY DVL MOUNT	1
. . AB8750	PLATE DVL MOUNT	1
. . AB8751	SPACER DVL MOUNT	2
. . PA0078	NUT M6 NYLOC SS	8
. . PA0546	WASHER M6 FLAT SS	8
. . PA4815	BOLT M6 x 50 SHCS SS	8



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB8875	ASSEMBLY CIRCUIT PCB - 5V REGULATOR	1
. . . PC2438	TERMINAL PCB / 4-WAY BLOCK 5MM PITCH (FEC151-78	2
. . . AB1397	MODULE SIDE PHOENIX / FEC 177-165	2
. . . AB1398	MODULE BASE PHOENIX / FEC 177-166	1
. . . AB1399	MODULE FOOT PHOENIX / FEC 177-169	2
. . . AA0900	LED INDICATOR, RED 5V DC	1
. . . OM 5015	LED GREEN	1
. . . AB6258	PSU DC-DC CONVERTOR 5V 40W	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . AB8875	ASSEMBLY CIRCUIT PCB - 5V REGULATOR	1
. . . PC2438	TERMINAL PCB / 4-WAY BLOCK 5MM PITCH (FEC151-78	2
. . . AB1397	MODULE SIDE PHOENIX / FEC 177-165	2
. . . AB1398	MODULE BASE PHOENIX / FEC 177-166	1
. . . AB1399	MODULE FOOT PHOENIX / FEC 177-169	2
. . . AA0900	LED INDICATOR, RED 5V DC	1
. . . OM 5015	LED GREEN	1
. . . AB6258	PSU DC-DC CONVERTOR 5V 40W	1



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

AB9187

LABEL MBARI QUANTUM

2

AB9187

MBARI - TIBURON
ROV Parts List

AC0837	ASSEMBLY - FUSE TESTING	1
. AC0760	RESISTOR WIREWOUND 47R 12.5W	2
. AC0770	RESISTOR WIREWOUND 30R 50W	4
. AC0762	RESISTOR WIREWOUND 20R 50W	2
. AC0141	RESISTOR WIREWOUND 12R 50W	4
. AC0763	RESISTOR WIREWOUND 22R 550W	2
. AC0768	RESISTOR WIREWOUND 1.5R 25W	1
. AC0766	RESISTOR WIREWOUND 39R 25W	1
. AC0764	DRAWING - MBARI FUSE TESTING, WIRIN	0
. AC0769	RESISTOR WIREWOUND 15R 50W	2
. AC0771	RESISTOR WIREWOUND 6.8R 100W	2
. AC0791	RESISTOR WIREWOUND 220R 300W	13
. AC0142	RESISTOR WIREWOUND 10R 300W	1
. AC0780	RESISTOR WIREWOUND 47R 300W	3
. AC0759	RESISTOR WIREWOUND 18R 25W	3
. AC0761	RESISTOR WIREWOUND 33R 75W	1
. AC0841	RESISTOR WIREWOUND 120R 100W	23
. AC0842	RESISTOR WIREWOUND 220R 75W	5
. AC0850	RESISTOR WIREWOUND6 68R 200W	6
. AC0765	RESISTOR WIREWOUND 27R 10W/5.5W	1



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. . DV 3007	Diaphragm 1 Pint Compensator / Modified	1
. . . OV 4187	COMPENSATOR-248 DIAPHRAGM	1
. . . LB 0037	LABOUR TO MODIFY DIAPHRAGM	0



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . DV 3018	MOTOR ASSY 45CC BA	7
. . . OV 3145	HYD MOTOR 45CC LIGHT WEIGH	7
. . . PB9185	BOLT M12 x 30 SHCS SS A4 - 80	28
. . . PA4860	WASHER M12 FLAT SS	28
. . . OW 1058	WASHER M12 SPRING SS	28



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. . DV 3820	KORT NOZZLE ASSEMBLY HTE 380	7
. . . OV 3138	KORT NOZZLE HTE 380	7
. . . OV 1110	THREAD INSERT HT230/300/380	28



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . DV 3821	PEDESTAL / BEARING HOUSING ASSY HTE 380	7
. . . OV 3137	PEDESTAL HTE 380	7
. . . KT 3001-2	SEAL KIT, HT300/380, HI-PERF	7
. . . OV 3008	Seal Retainer HT 300/380	7
. . . OV 3015	Thrust Needle Bearing HT 300/380 / 35 x 52 x 32	7
. . . OV 3016	Needle Bearing HT 300/380 / 40 x 52 x 20	7
. . . PC0228	BOLT M5 x 20 SHCS SS	28
. . . PA9746	WASHER M5 SPRING SS	28
. . . DV 3823	SHAFT ASSEMBLY HTE 380 / 300	7
. . . OV 3140	SLEEVE THRUST BEARING RETAINER	7
. . . OV 3141	LOCKING COLLAR THRUST BEARING	7
. . . PC8485	BOLT M6 x 16 SKT BUTTON HD SS / M6 x 16	7
. . . OB 1516	BOLT M6 x 10 BUTTON HEAD A4-80 SS	14
. . . OR 1211	O RING / BS 009 (5.28 x 1.78)	28
. . . OV 3116	Thrust/Needle Bearing 300/380-23/32Rex	7
. . . AB0882	BLEED SCREW M6	7
. . . OF 2009	PLUG 1/8" BSPP PLASTIC	7



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . . DV 3823	SHAFT ASSEMBLY HTE 380 / 300	7
. . . . OV 3139	SHAFT HTE 380	7
. . . . OV 3017	BEARING INNER RING HT300/380 SS / IR 35 x 40 x	14
. . . . OV 3115	INNER BEARING HT 300/380-23/32REX / 45 x 50 x	7
. . . . OV 3006-2	Shaft Seal Ring HT 300/380 / HT 300/380	7



SMD ref. C903RV

MBARI - TIBURON
ROV Parts List

. . DV 3822	PROPELLOR ASSEMBLY HTE 380	7
. . . OV 3019	CURVETECH THRUSTER KEY 6mm SS	7
. . . OV 3142	PROPELLER HTE 380	7

MBARI - TIBURON
ROV Parts List

. EV 4002-10	1 PINT PRESS COMP, 10PSI, 6000M, BSPP / 0.7BAR	1
. . OV 4180-2	COMPENSATOR-248 PRESS.HOUSING / 6000M	1
. . OV 4181-2	COMPENSATOR-248 SECURING CAP / 6000M	1
. . OB 1028	BOLT M5 x 12 SHCS A4 SS / M5 x 12	1
. . OW 1013	WASHER M5 SEALING / M5	1
. . OV 4167-1	1 PINT SPRING 10 PSI	1
. . OV 4182-4	COMPENSATOR THRUST BEARING / 6000M	1
. . OV 4183-2	COMPENSATOR-248 SPRING HOUSING / 6000M	1
. . OV 4184-1	Compensator-248 Piston Pos Indicator SS	1
. . OV 4185-2	COMPENSATOR-248 PISTON / 6000M	1
. . PC9412	BOLT M5 x 30 SHCS SS	8
. . PA4892	WASHER M5 FLAT SS	16
. . PD7552	NUT M5 / NYLOC SS	8
. . DV 3007	Diaphragm 1 Pint Compensator / Modified	1
. . TP Y 4041	COMPENSATOR PRESSURE TEST	0
. . MN 1004-2	1 Pint Comp 2 PSI Manual EV 4002-2 / Obsolete ENG-MAN-100	0



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. EV 4003-22	COMP 2.75L 7-14PSI 4 x #6 SAE Mk 2 / ALU	4
. . AA0244	PLATE 2.75L COMP / 4 x #6 SAE	4
. . DE 2088	COUPLING FLANGE 181DIA	4
. . DE 2089	COUPLING FLANGE	4
. . AB0674	BASEPLATE 2.75L COMP	4
. . DE 2086	PRESSURE HOUSING (TOP) / 133 dia x 110	4
. . DE 2085	PISTON HOUSING (BOTTOM) / 133 dia x 258	4
. . DE 2098	PISTON 126 DIA	4
. . OR152431	SEAL O-RING 132.0 x 7.0	8
. . DV 3008	Diaphragm 2.75L Compensator 130 120 130	4
. . DE 3736	TIE BAR 429 LONG SS	16
. . PA0078	NUT M6 NYLOC SS	80
. . PA0546	WASHER M6 FLAT SS	128
. . PA4815	BOLT M6 x 50 SHCS SS	48
. . OV 4638	SPRING TYPE 'B' 2.75 COMP / 99.6DIA 582 LONG (CROSS SECTION 7.62)	4
. . OV 4690-4	BAR MAGNETS NEODYMIUM / 9.0mm dia X 9mm high	24



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. EV 4013-11	2.75L COMP LINEAR SENSOR KIT 24V / Mk 2	4
. . AA0572	LINEAR SENSOR PCB 24V 250 LONG	4
. . PD5649	INSERT HELICOIL M5 x 2D SS	8
. . AB0677	CLAMP BODY	4
. . AB0678	CLAMP COVER	4
. . PJ6580	CONNECTOR IMPULSE MCBH-3-MP SS	4
. . AB0675	VESSEL PCB MOUNT 266 LONG	4
. . PC4025	SEAL O-RING BS018 (18.77 X 1.78)	4
. . PC9509	SEAL O-RING BS119 (23.47 x 2.62)	4
. . PE4415	BOLT M5 x 35 SHCS A4 SS	8
. . PA9746	WASHER M5 SPRING SS	8
. . PJ2542	BOLT M4 x 50 SHCS SS	8



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. EV 4016-4	6.3L COMP LINEAR SENSOR KIT 24V / Mk 2	1
. . AB0676	VESSEL PCB MOUNT 243 LONG	1
. . AA0572	LINEAR SENSOR PCB 24V 250 LONG	1
. . AB0677	CLAMP BODY	1
. . AB0678	CLAMP COVER	1
. . PJ6580	CONNECTOR IMPULSE MCBH-3-MP SS	1
. . PD5649	INSERT HELICOIL M5 x 2D SS	2
. . PC4025	SEAL O-RING BS018 (18.77 X 1.78)	1
. . PC9509	SEAL O-RING BS119 (23.47 x 2.62)	1
. . PE4415	BOLT M5 x 35 SHCS A4 SS	2
. . PA9746	WASHER M5 SPRING SS	2
. . PJ2542	BOLT M4 x 50 SHCS SS	2



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. HTE 380BA-45	THRUSTER CURVETECH 380mm, 45cc BA motor / STD	7
. . DV 3820	KORT NOZZLE ASSEMBLY HTE 380	7
. . DV 3821	PEDESTAL / BEARING HOUSING ASSY HTE 380	7
. . DV 3822	PROPELLOR ASSEMBLY HTE 380	7
. . ON 1015	NUT M20 x 1.5P NYLOC 15mm HIGH GRADE A4	7
. . OW 1018	WASHER M20 FLAT SS	7
. . OV 3007	Propellor Cap HT 300/380	7
. . PC9412	BOLT M5 x 30 SHCS SS	7
. . PA9746	WASHER M5 SPRING SS	7
. . DV 3018	MOTOR ASSY 45CC BA	7
. . PB9764	WASHER M6 SPRING SS	28
. . PA4794	BOLT M6 x 40 SHCS SS	28



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . KT 4017-4	PP TO PUMP INTERFACE KIT 100-60HP / A10VSO100	1
. . . DI 3710	PUMP MOUNT (REXROTH 100,71)	1
. . . DI 3737	Motor Half Coupling Complete	1
. . . DI 3738	PUMP HALF COUPLING COMPLETE REX 100	1
. . . OV 4478	COUPLING SPIDER / L150 ELEMENT HYTREL	1
. . . OB 1154	GRUB SCREW M8 x 20 SS	2
. . . OR 1050	O RING BS247 (117 x 3.53)	1
. . . AA0584	SPACER COUPLING MOTOR HALF	1
. . . PD2235	NUT M16 NYLOC SS	2
. . . PC2914	WASHER M16 FLAT SS	4
. . . PF3194	BOLT M16 / X 60 HX HD SS	2

KT 4017-4



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . . KT 3001-2	SEAL KIT, HT300/380, HI-PERF	7
. . . . OV 3024	O RING HT 300/380 NITRILE / 60mm	7
. . . . OV 3036	LIP SEAL, HT 300/380	7
. . . . OV 3037	PTFE SEAL HT 300/380	7
. . . . PK0219	SEAL O-RING 80.6 x 2.62 / (SOR-262-0806-N	7
. . . . OV 3023	O RING SEAL HT 300 NITRILE / 82mm	7

KT3001-2



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . PH9935	ASSEMBLY 1-1/2" SAE 3000 SPLIT CLAMPS SS	1
. . . PA0024	WASHER M12 SPRING SS	4
. . . PB4335	SEAL O-RING 1-1/2"SAE	1
. . . PB4759	BOLT M12 x 35 SHCS SS A4 - 80	4
. . . PH7944	CLAMP SPLIT FLANGE SS 1-1/2"SAE 3000 / (PAIR)	1

PH9935



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . PJ8683	ASSEMBLY 1-1/4" SAE 6000 1/2 CLAMPS SS	2
. . . PH5506	CLAMP SPLIT FLANGE SS 1-1/4"SAE 6000 / (PAIR)	2
. . . PB2184	SEAL O-RING BS222 NBR90 1-1/4"SAE / (37.69 X 3	2
. . . PC1991	BOLT M14 x 45 SHCS SS A4-80	8
. . . PB7302	WASHER M14 SPRING SS	8



MBARI - TIBURON
ROV Parts List

SMD ref. C903RV

. . PJ8992	ASSEMBLY 2-1/2" SAE 3000 SPLIT CLAMPS SS	2
. . . PA0024	WASHER M12 SPRING SS	8
. . . PA4777	BOLT M12 x 40 SHCS SS A4 - 80	8
. . . PB5322	SEAL O-RING BS232 NBR90 2-1/2"SAE / (69.44 X 3.53)	2
. . . PJ6102	CLAMP SPLIT FLANGE SS 2-1/2"SAE 3000 / (PAIR)	2