Product Type	Product			
↑ (	Code	Product Name	List Price	Product Description
ADCP	10749	Kit, Mounting Hardware, Teledyne Workhorse Monitor ADCP [not included], SV3 Float, Souriau bulkhead	\$10,000.00	Kit includes a hardware to mount a Teledyne Workhorse Monitor ADCP, and the SMC sensor management software and configurations. A Liquid Robotics SMC Integrated Payload is required and not included.
	10748	Kit, Teledyne Workhorse Monitor 600kHz ADCP, SV3 Float, Souriau bulkhead	\$43,750.00	Kit includes a Teledyne Workhorse Monitor 600kHz Acoustic Doppler Current Profiler (ADCP), hardware to mount it, and SMC sensor management software and configurations. A Liquid Robotics SMC Integrated Payload is required and not included.
	10747	Kit, Teledyne Workhorse Monitor 300kHz ADCP, SV3 Float, Souriau bulkhead		Kit includes a Teledyne Workhorse Monitor 300kHz Acoustic Doppler Current Profiler (ADCP), hardware to mount it, and SMC sensor management software and configurations. A Liquid Robotics SMC Integrated Payload is required and not included.
CTD	04259	BRACKET, ADCP	\$315.00	
CTD	09446	Kit, Mounting Hardware, Seabird Glider Payload CTD [not included] and Dissolved Oxygen [not included], v200 or v300 Sub	\$10,625.00	Kit includes the hardware required to mount a Seabird Glider Payload CTD and SBE 43F Dissolved Oxygen sensor to a v200 or v300 sub, and the necessary SMC1 sensor management software and configurations. A Liquid Robotics SMC1 Integrated Payload, the Thrudder-to-CTD cable, and the sensors are required and not included.
	10750	Kit, Mounting Hardware, Seabird Glider Payload CTD [not included] and Dissolved Oxygen [not included], SV3 Float, Souriau bulkhead	\$10,625.00	Kit includes the hardware required to mount a Seabird Glider Payload CTD and SBE 43F Dissolved Oxygen sensor to a SV3 float, and SMC sensor management software and configurations. A Liquid Robotics SMC Integrated Payload, the Payload-to-CTD cable, and the sensors are required and not included.

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		Kit includes the hardware required to mount a Seabird Glider Payload CTD and SBE 43F Dissolved Oxygen sensor to a SV3 Float, and the necessary SMC sensor management software and
	Kit, Seabird Glider Payload CTD and Dissolved	configurations. A Liquid Robotics SMC Integrated Payload is
10752	Oxygen, SV3 Float Mount, Souriau bulkhead	\$37,500.00 required and not included.
		Kit includes the hardware required to mount a Seabird Glider
		Payload CTD to a SV3 Float, and the necessary SMC sensor
	Kit, Seabird Glider Payload CTD, SV3 Float Mount,	management software and configurations. A Liquid Robotics
10751	Souriau bulkhead	\$37,500.00 SMC Integrated Payload is required and not included.
		Kit includes the hardware required to Skeg mount a Seabird
		Glider Payload CTD sensor, 2 meter cable. Necessary SMC senso
		management software and configurations is also included. A
	Kit, Seabird Glider Payload CTD, SV3 Skeg Mount,	Liquid Robotics SMC Integrated Payload is required and not
11868-02	Souriau bulkhead, 2 m cable	\$37,500.00 included.
		Kit includes the hardware required to Skeg mount a Seabird
		Glider Payload CTD sensor, 2.5 meter cable. Necessary SMC
		sensor management software and configurations is also
	Kit, Seabird Glider Payload CTD, SV3 Skeg Mount,	included. A Liquid Robotics SMC Integrated Payload is required
11868-03	Souriau bulkhead, 2.5 m cable	\$37,500.00 and not included.
		Kit includes the hardware required to Skeg mount a Seabird
		Glider Payload CTD and SBE 43F Dissolved Oxygen sensor, 2
	Kit, Seabird Glider Payload CTD and Dissolved	meter cable. Necessary SMC sensor management software and
	Oxygen, SV3 Skeg Mount, Souriau bulkhead, 2 m	configurations is also included. A Liquid Robotics SMC
11868-05	cable	\$43,750.00 Integrated Payload is required and not included.
		Seabird Glider Payload CTD 350 db rated. Sensor only (sub
10319	Glider Payload, CTD, Plastic, 350dBar, Fast Pump	\$20,000.00 mounting kit PN 09446)

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	09450	Kit, Seabird Glider Payload CTD and Dissolved Oxygen, v300 Sub Mount	\$33,750.00	Kit includes the hardware required to mount a Seabird Glider Payload CTD and SBE 43F Dissolved Oxygen sensor to a v300 sub, and the necessary SMC1 sensor management software and configurations. A Liquid Robotics SMC1 Integrated Payload is required and not included. Kit includes the hardware required to mount a Seabird Glider
Electronic	09449	Kit, Seabird Glider Payload CTD, v300 Sub Mount	\$25,000.00	Payload CTD to a v300 sub, and the necessary SMC1 sensor management software and configurations. A Liquid Robotics SMC1 Integrated Payload is required and not included.
Assemblies &				
Accessories	07496	PCBA, AMPS IGM 2.0	\$1,375.00	
				Updated from initial 04727 SV3 release issues of:1) Inoperative current measurement on HV ports when connected through 'feature' connector2) Conflicting I2C addressing for module
	07028	PCBA, AMPS HIGH VOLT, 6X UNREG VCONS	\$2,500.00	power consumption monitoring (logic power)
	10406	Kit, AMPS Carrier, 3MPU		Includes AMPS carrier, mounting hardware, spare standoffs, and Loctite.
	07847	PCBA, PDC SV3 VERSION 2.0	\$875.00	RMA or Maintenance Training Required.
	09746	PCBA, AMPS BRIDGE MODULE 3.0	\$1,250.00	
	09746-01	PCBA, AMPS BRIDGE MODULE 3.0 - APU Variant	\$1,250.00	
	04188	PCBA, AMPS - Solar Panel Input	\$250.00	This Adaptable Modular Power System (AMPS) Module is capable of plugging directly into any AMPS Backplane and accepting a voltage input to put power into the AMPS domain.
	07913	AMPS Board Removal Kit	\$625.00	Kit includes a pair of AMPS board removal tools. This kit simplifies removal of AMPS boards from payload boxes.
	04189	PCBA, AMPS - 13.4V Regulator	\$1,125.00	This Adaptable Modular Power System (AMPS) Module is capable of plugging directly into any AMPS Backplane and has six 13.4V outputs that can be controlled individually.

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Fluorometry	10753	Kit, Mounting Hardware, Turner C3 Fluorometer [not included], SV3 Float, Souriau bulkhead	\$20,000.00	Kit includes a hardware to mount a Turner C3 Fluorometer, and the SMC sensor management software and configurations. Kit occupies two (2) Modular Payload Unit (MPU) bays and requires modification to the float. A Liquid Robotics SMC Integrated Payload is required and not included.
	01385-01	Turner C3 Fluorometer (Ref Fuels, CDOM, Turbidity)	\$13,750.00	Sensor only. Ch1: Refined Fuels Ch2: CDOM Ch3: Turbidity
		Turner C3 Fluorometer (Ref Fuels, Crude Oil,		Sensor only. Ch1: Refined Fuels Ch2: Crude Oil Ch3:
	01385-02	CHLOROPHYLL A)	\$13,750.00	CHLOROPHYLL A
	01385-03	Turner C3 Fluorometer (CHL-A, Crude Oil, Turbidity)	\$9,690.00	Sensor only. Ch1: CHL-A Ch2: Crude Oil Ch3: Turbidity
	01385-04	Turner C3 Fluorometer (CHL-A, Turbidity, CDOM)	\$9,690.00	Sensor only. Ch1: CHL-A Ch2: Turbidity Ch3: CDOM
		Turner C3 Fluorometer (CHL-Red, Turbidity,		
	01385-05	Phycoerythrin)	\$10,625.00	Sensor only. Ch1: CHL-Red Ch2: Turbidity Ch3: Phycoerythrin
		Turner C3 Fluorometer (Chlorophyll A,		Sensor only. Ch1: Chlorophyll A Ch2: Phycoerythrin Ch3: Refined
	01385-10	Phycoerythrin, Refined fuels)	\$13,750.00	fuels
		Turner C3 Fluorometer (Chlorophyll A, Tryptophan,		
	01385-09	CDOM)	\$12,190.00	Sensor only. Ch1: Chlorophyll A Ch2: Tryptophan Ch3: CDOM
		Turner C3 Fluorometer (Chlorophyll A, Refined fuels,		
	01385-08	CDOM)	\$13,750.00	Sensor only. Ch1: Chlorophyll A Ch2: Refined fuels Ch3: CDOM
Launch &				Requires boat hook with mooring hook holder or standalone
Recovery	01838	Mooring Hook	\$95.00	mooring hook holder. Proof load tested to 4,000lbs.
				Includes recovery buoy release assembly, and mounting
	10529	Kit, Recovery Buoy Release	\$1,565.00	hardware. Recovery buoy, and recovery line are not included.
		Kit, Rapid Stand & Rapid Stand Launch Kit, Soft		Includes soft gear for Rapid Stand and Rapid Stand Launch Kit:
	10583	Gear	\$1,000.00	float strap, sub strap, launch bridle, and release line.
	10602	Rapid Crate 20 Foot Blue E-Track Ratchet Strap		20 Ft Blue E-Track Ratchet Strap
	08937	Kit, Legacy Stand Launch Kit		Launch kit for use with legacy stand.
	05351	Kit, Recovery		Includes the Sub recovery mechanism, lifting strap, and hook.

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	09597	Ratchet Buckle for the Rapid crate	\$60.00	
				Capable of being extended from 6' to 14' to retrieve moorings or
				to pick up overhead items. Construction features oversized
				anodized-aluminum tubes for greater strength and stiffness. The
				co-molded, soft-tipped hook prevents scratches while fending
				off. Twist grips enable easy length adjustments. A Mooring
		Heavy-Duty Telescoping Boat Hook with Mooring		hook holder has been mounted to the hook. Mooring hook not
	05768	Hook Holder	\$95.00	included.
				Assembly for launching/lifting the rapid stand with integrated
	10777	Assembly, Launch Bridle, Rapid Stand	\$2,000.00	3rd leg release.
				Kit contains Rapid Stand launch bridle and release line. Does not
	09328	Kit, Rapid Stand Launch		support stern mast mounts.
				Kit of items commonly used when repairing a Wave Glider SV3.
				Includes screws, nuts, washers, Loctite, grease and other
	05220	Kit, Misc Hardware, v100/200/300		miscellaneous hardware.
Masts &				A set of five (5) plus one (1) spare hardware to attach a mast to
Antennas				the mast plate and stern mast mount. This kit does not include
	09468	Kit, Mast Mounting Hardware		Loctite. Note, included with mast kits.
				A set of five (5) plus one (1) spare hardware to attach a mast to
	10534	Kit, Mast Mounting Hardware, Mast Plate		the mast plate. This kit does not include Loctite.
				A set of five (5) plus one (1) spare hardware to attach a mast to
	10535	Kit, Mast Mounting Hardware, Stern Mount		the stern mast mount. This kit does not include Loctite.
		Kit, GPS L1 Patch Antenna, Souriau #10 RF, 1.25m		Whip length is non-standard. Kit includes an antenna, mast,
	10054-03	Whip, 0.5m Mast		and mounting hardware, less Loctite.
		Kit, GPS L1 Patch Antenna, Souriau #10 RF, 2m		Kit includes an antenna, mast, and mounting hardware, less
	10054-05	Whip, 0.5m Mast	\$3,125.00	
	10036-05	Iridium Patch Antenna, Souriau #10 RF, 2m Whip		Does not include mast.
		Kit, Iridium Patch Antenna, Souriau #10 RF, 2m		Kit includes an antenna, mast, and mounting hardware, less
	10040-05	Whip, 0.5m Mast	\$2,500.00	
	09638	Kit, Mast, Straight, OD 1.6in x 0.3m	\$815.00	Kit includes a mast and mounting hardware, less Loctite.

	09639	Kit, Mast, Straight, OD 1.6in x 0.8m	\$875.00	Kit includes a mast and mounting hardware, less Loctite.
		Kit, Cell Antenna, Robust, Souriau #10 RF, 1.25m		
	10057	Whip, 0.5m Mast	\$2,815.00	Kit includes an antenna, mast, and mounting hardware.
		GPS L1 Patch Antenna, Serial output, Souriau #10 9-		
	09300	Pin Male Connector	\$2,250.00	Does not include mast.
	09470	Kit, Mast, Tapered, 1in ID x 1m length	\$875.00	Kit includes a mast and mounting hardware, less Loctite.
	09469	Kit, Mast, Tapered, 1in ID x 0.5m length		Kit includes a mast and mounting hardware, less Loctite.
Payloads		Kit of 3 Spare Tube Couplers for Use with Pressure		Kit of 3 spare tube coupler valves for use with pressures port fill
	08571	Port Fill Valve	\$40.00	valve on MPU, CCU, APU.
				1MPU Souriau payload box housing an embedded S-Band mesh
				radio (Wave Relay) with 3 external antenna ports. Power,
		1MPU Souriau Payload, S-Band mesh radio (Wave		Ethernet and control are supplied via an Expansion Port cable.
	10629-01	Relay)	\$12,500.00	Expansion port cable is not included.
			+	Replacement O-Ring used to seal to perimeter of a 3-Modular
	05057	Wave Glider SV3 3-MPU O-Ring	\$35.00	Payload Unit (3-MPU) box.
				This sub-assembly includes the box and 3MPU AMPS
	10019	AMPS Payload, 3MPU, Souriau	\$4,065.00	backplane, PDC, & Bridge with a Souriau bulkhead connector.
			, ,	This sub-assembly includes the box and 1MPU AMPS
	08887	AMPS Payload, 1MPU, Souriau	\$3,125.00	backplane, PDC, & Bridge with a Souriau bulkhead connector.
			<i>+-,</i>	Includes lid, tub, slides, o-ring, handle, pressure port, and
	06019	Empty Payload, 3MPU	\$1,875.00	associated miscellaneous hardware.
	06323	Empty Payload, 1MPU	• •	Includes lid, tub, slides, o-ring, handle, and pressure port.
				This is the Liquid Robotics Integrated 3MPU SMC 2.0 solution
		Liquid Robotics Integrated Payload, 3MPU SMC 2.0,		with Souriau bulkhead connectors, configured for three (2)
	09989-03	Souriau (2x Souriau RF)	\$12,190.00	Souriau RF bulkheads.
				This is the Liquid Robotics Integrated 3MPU SMC 2.0 solution
				with Souriau bulkhead connectors, configured for an ADCP and
				Float CTD. An ADCP and CTD kits are required and not included.
		Liquid Robotics Integrated Payload, 3MPU SMC 2.0,		Expansion port cable, debug cable, and sensor/payload kits are
	09989-07	Souriau (ADCP, FLOAT-CTD)	\$12 190 00	not included.
	05505 01		ψιζ, 150.00	not included.

10052-04	Payload For Integrators, 1MPU SMC 2.0, Souriau (GPSWaves)	This is the Integrator 1MPU SMC 2.0 solution with Souriau bulkhead connectors (GPSWaves). It contains a SMC 2.0 kit, AMPS subassembly, buck boost board, and spare high voltage board. Expansion port and debug cables are not included.
10512	Wave Glider SV3 1-MPU O-Ring	Replacement O-Ring used to seal to perimeter of a 1-Modular Payload Unit (1-MPU) box
10512	Wave Glider SVS F INFO C Filing	This is the Liquid Robotics Integrated 3MPU SMC 2.0 solution
		with Souriau bulkhead connectors (custom: GPSWAVES, RFx2,
	Liquid Robotics Integrated Payload, 3MPU SMC 2.0,	13-PIN, 7/16 HOLE) Expansion port cable, debug cable, and
09989-06	Souriau (GPSWAVES, RFx2, 13-PIN, 7/16 HOLE)	sensor/payload kits are not included.
		This is the Integrator 3MPU SMC 2.0 solution with Souriau
		bulkhead connectors. It contains a SMC 2.0 kit, AMPS
		subassembly, high voltage board, and spare buck boost board.
09989	Payload For Integrators, 3MPU SMC 2.0, Souriau	Expansion port and debug cables are not included.
		This is the Liquid Robotics Integrated 3MPU SMC 2.0 solution
		with Souriau bulkhead connectors. It contains a SMC 2.0 kit,
		AMPS subassembly, and required voltage regulation board.
	Liquid Robotics Integrated Payload, 3MPU SMC 2.0,	Expansion port and debug cables are not included. A Purchase
09989-ROM	Souriau	Order cannot be accepted with this part number.
		This is the Integrator 1MPU SMC 2.0 solution with Souriau
		bulkhead connectors. It contains a SMC 2.0 kit, AMPS
10050		subassembly, buck boost board, and spare high voltage board.
10052	Payload For Integrators, 1MPU SMC 2.0, Souriau	Expansion port and debug cables are not included.
		This is the Liquid Robotics Integrated 1MPU SMC 2.0 solution with Souriau bulkhead connectors. It contains a SMC 2.0 kit,
	Liquid Polyotics Integrated Dayload 1MPULSMC 2.0	AMPS subassembly, and required voltage regulation board.
10052-ROM	Liquid Robotics Integrated Payload, 1MPU SMC 2.0, Souriau	Expansion port and debug cables are not included. A Purchase Order cannot be accepted with this part number.
	Souriau	Includes jigs for 1MPU & 3MPU, and hardware necessary to
10180	Kit, Drill Jig, 1MPU & 3MPU	properly drill holes for bulkhead connectors.

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	09989-01 04775	Liquid Robotics Integrated Payload, 3MPU SMC 2.0, Souriau (GPSWaves) Payload Tub, 3MPU		This is the Liquid Robotics Integrated 3MPU SMC 2.0 solution with Souriau bulkhead connectors, configured for GPSWaves. A GPSWaves kit is required and not included. Expansion port cable, debug cable, and sensor/payload kits are not included. Molded 3MPU payload/CCU tub.
Training	09594	Wave Glider Maintenance Training		Three-day training conducted at Liquid Robotics Marine Operations Center in Hawaii for a minimum of six (6) attendees, a maximum of eight (8) attendees, and priced on a per-seat basis. This is a training class to learn how to perform regular maintenance. Properly qualified participants will have experience with launch and recovery of other marine gear, the ability to troubleshoot complex mechanical and electrical components, and be computer capable.
	09592	Wave Glider Operator Training	\$3,750.00	Three-day training conducted at Liquid Robotics Marine Operations Center in Hawaii for a minimum of five (5) attendees, a maximum of six (6) attendees, and priced on a per-seat basis.
Umbilicals	09548	Kit, Bearings, Umbilical Wide U-Joint	\$625.00	Kit includes the required hardware to replace the top and bottom u-joint bearings. Molded assembly (8 meter) for the Wave Glider v300 (Souriau).
	10836-08	Wave Glider v300 Molded section, 8 meter	\$33,125.00	Upper, lower brackets along with the mounting hardware is not
	09883-08	Wave Glider 8 meter Umbilical with Wide U-joints v300 / Thrudder 3.0	\$43,750.00	Wave Glider 8 meter Umbilical with Wide U joints, v300 for Thrudder 3.0. This kit contains umbilical and hardware required spare the umbilical locking plate and bolts.
	12006	Kit, Umbilical Mounting Hardware, v300 Block 2 Sub	\$815.00	Kit includes locking plates, six (6) hex head screws, SAF-T-EZE, safety wire, four (4) nylock nuts, and four (4) cotter pins for motion isolator & center bale.

				Kit includes locking plates, six (6) hex head screws, SAF-T-EZE, safety wire, four (4) nylock nuts, and four (4) cotter pins for
	09882	Kit, Umbilical Mounting Hardware, v200/300 Sub	\$815.00	motion isolator & center bale.
Wave Height	10052	Kit, GPSWaves-IMU (GX5-45), Robust, Souriau 9-Pin	¢0.750.00	Kit includes GPSWaves-IMU hardware in a robust enclosure, mast, mounting hardware, and necessary SMC2 sensor management software and configurations for the GPSWaves- IMU, utilizing a 3DM-GX IMU. Does not include the required Liquid Robotics SMC2 Integrated Payload for the GPSWaves-
Vehicles, Base	10063	connectors, 0.5m Mast, SMC2	\$8,750.00	
Venicies, Dase	11230	Wave Glider SV3 V300 Block 2 Base Vehicle (8m Umbilical)	\$300,000.00	Includes a high buoyancy float, Command & Control Unit (CCU) with 4G, 75 watt solar panels, 8m umbilical & u-joint assembly, sub assembly, Painted Thrudder 3.0, charge & debug kit, misc hardware, and Pelican case. A Stand, shipping crates, antennas, masts, a launch kit, and a recovery kit are not included.
Vehicles, Configured	11230-02	Wave Glider SV3 V300 Block 2 (8m Umbilical) WX & Cell, Rapid Stand & Crate	\$337,500.00	Includes a high buoyancy float, Command & Control Unit (CCU) 4G, 75 watt solar panels, 8m umbilical, sub, Painted Thrudder 3.0 charge & debug kit, misc hardware, and Pelican case. Configurations includes a weather station (configurable lights), cell antenna, Rapid Stand, Rapid Launch Kit, and recovery kit. Ships in a Rapid Crate.
	11230-01	Wave Glider SV3 V300 Block 2 (8m Umbilical) Rapid Stand & Crate		Includes a high buoyancy float, Command & Control Unit (CCU) 4G, 75 watt solar panels, 8m umbilical, sub, Painted Thrudder 3.0 charge & debug kit, misc hardware, and Pelican case. Configurations includes Rapid Stand and Rapid Crate. Recovery device is not included.

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	11230-50	Wave Glider SV3 V300 Block 2 (8m Umbilical) Legacy Stand	\$312,500.00	Includes a high buoyancy float, Command & Control Unit (CCU) 4G, 75 watt solar panels, 8m umbilical, sub, Painted Thrudder 3.0 charge & debug kit, misc hardware, and Pelican case. Ships in Wooden boxes and comes with a Legacy Stand / Saddle. Recovery Device not included.
	11230-51	Wave Glider SV3 V300 Block 2 (8m Umbilical) WX & Cell, Legacy Stand		Includes a high buoyancy float, Command & Control Unit (CCU) 4G, 75 watt solar panels, 8m umbilical, sub, Painted Thrudder 3.0 charge & debug kit, misc hardware, and Pelican case. Configurations includes a weather station (configurable lights), cell antenna and a recovery kit. Ships in Wooden boxes and comes with a Legacy Stand / Saddle.
Bulkhead		Kit, Bulkhead Connector, Souriau, 9-Pin, Female		This kit contains all of the parts necessary to install the bulkhead
Connectors	10215	(#10 Shell)	\$315.00	connector in an existing hole.
	10231	Kit, Bulkhead Debug Port Connector, Souriau, SMC2, 13-Pin, Female (#14 Shell)	\$565.00	This kit contains all of the parts necessary to install the bulkhead connector in an existing hole and connect it to the SMC2.
	10216	Kit, Bulkhead Connector, Souriau, RF (#10 Shell)	\$410.00	This kit contains all of the parts necessary to install the bulkhead connector in an existing hole.
	10210	Kit, Bulkhead Connector, Souriau, 13-Pin, Female	φ+10.00	This kit contains all of the parts necessary to install the bulkhead
	10213	(#14 Shell)	\$375.00	connector in an existing hole.
	10229	Kit, Bulkhead Expansion Port Connector, Souriau, 13- Pin, Female (#14 Shell)	\$565.00	This kit contains all of the parts necessary to replace an expansion port connector with CAN and Ethernet SAMTEC connectors, and ferrules for V-Produce, V-Consumer, and Gnd.
Dummy Plugs				
	09339	Kit, Dummy Plug, Souriau, #10 Shell, Receptacle	\$65.00	This kit contains all of the parts necessary to install a dummy plug into an existing bulkhead connector. BER10PLY equivalent.
	09340	Kit, Dummy Plug, Souriau, #14 Shell, Receptacle	\$65.00	This kit contains all of the parts necessary to install a dummy plug into an existing bulkhead connector. BER14PLY equivalent.

Floats				An independently powered, self-contained satellite transceiver
				featuring independent dual GPS and Iridium patch antennas
				(9603N) so that in the event the surface expression is flipped
				over, the unit will continue to record its position. Cap,
	08060	Resilient Tracker	\$4,065.00	mounting hardware and foam insert not included.
	04457	FOAM, ADCP, SV3		FOAM, ADCP, SV3
				Includes the motion isolator, the water speed sensor, the
				octopus cables, a full set of 1-Modular Payload Unit (1-MPU)
	08012	Float Assembly, High Buoyancy, v300	\$68,750.00	foam spacers, and a resilient tracker.
	08628	Kit, SV3, Float Skeg		Kit contains a float skeg, mounting hardware, and Loctite.
	09579	Foam, Water Speed, v300	\$250.00	
	10549	Kit, Water Speed Sensor, v300	\$1,875.00	Kit includes water speed sensor with mounting hardware.
	09741	Kit, Motion Isolator Pin	\$100.00	Kit includes motion isolator pin with mounting hardware.
				Reinforcement (G10) cover plate for the Deck Cover (1MPU)
				which provides additional mast mounting points. This plate is
	11943	Deck Cover 1MPU for additional mast points	\$940.00	installed instead of the regular Deck cover.
				Includes installation hardware . Provides one (1) mast mount.
				Requires float serial numbers 283 and greater. Does not include
	09818	Mast Mount, Stern	\$315.00	mast mounting hardware.
				An independently powered, self-contained DISA satellite
				transceiver featuring independent dual GPS and Iridium patch
				antennas (9603N) so that in the event the surface expression is
				flipped over, the unit will continue to record its position. Cap,
	08060-DOD	Resilient Tracker (DISA)	\$7,190.00	mounting hardware and foam insert not included.
	09303	ADCP Fiberglass Cutout with Foam	\$565.00	
				A kit of twenty (20) payload retention clips required for a
				complete retrofit, plus two (2) spare clips for a total of twenty
				two (22) clips. Kit also includes two (2) inserts and and insert
	09445	Kit, Payload Retention Clips	\$150.00	tool needed to modify the fore end of the aft payload bay.

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				Kit includes two frameless hold-downs, and mounting
	09891	Kit, Frameless Solar Panel Hold-Downs, v300		hardware.
	09729	Kit, Resilient Tracker Cover	\$65.00	Kit includes cover with mounting hardware.
	04454	Foam, 1MPU Spacer	\$65.00	
Thrudders	06863	Kit, Thruster Blades, Thrudder 1.0, 1.5, & 3.0	\$440.00	Kit includes blades with mounting hardware.
	09546	Kit, Thruster Blades & Spinner, Thrudder 3.0	\$815.00	Kit includes replacement blades and spinner with mounting hardware.
	09531	Kit, Thrudder 3.0, Fin	\$190.00	Thrudder 3.0 replacement fin with mounting hardware and Loctite.
	09534	Kit, Thrudder 3.0, Top Fairing	\$440.00	Thrudder 3.0 replacement top fairing with mounting hardware and Loctite.
	09536	Kit, Thrudder 3.0, Bottom Fairing	\$500.00	Thrudder 3.0 replacement bottom fairing with mounting hardware and Loctite.
	11237	Thrudder 3.0, v300 Block 2 (Painted)	\$43,750.00	Includes a full Thrudder 3.0 Copper Painted. Mounting hardware not included.
	12007	Kit, Thrudder 3.0 Mounting Hardware to v300 Block 2Sub	\$315.00	Kit includes mounting hardware and loctite to attach Thrudder 3.0 to v300 Block 2 sub.
	12009	Kit, Thrudder 3.0, Side Fairing (Port or Starboard) v300 Block 2	\$625.00	Thrudder 3.0 replacement side fairing (port or starboard) with mounting hardware and Loctite.
	12010	Kit, Thrudder 3.0, Top Fairing v300 Block 2	\$440.00	Thrudder 3.0 replacement top fairing with mounting hardware and Loctite.
	12011	Kit, Thrudder 3.0, Bottom Fairing v300 Block 2	\$500.00	Thrudder 3.0 replacement bottom fairing with mounting hardware and Loctite.
	09552	RMA Kit, Thrudder 3.0	\$625.00	Kit includes common RMA components for Thrudder 3.0. RMA or Maintenance Training Required.
	09785	Kit, Thrudder 3.0 Mounting Hardware to v300 Sub	\$315.00	Kit includes mounting hardware and loctite to attach Thrudder 3.0 to v300 sub.
Subs	07748	Wing Shaft, Quick Release, v200 & v300 Subs	\$125.00	Single quick release wing shaft for v200 & v300 sub.
	09543	Kit, v300 Sub, Wing Spring Set	\$2,500.00	Kit of seven (6 + 1 extra) wing spring with mounting hardware for v300 Sub.

	11379	Single quick release wing for v300 Block 2 sub.	\$1,565.00 v300 Block 2 quick release wing. Wings shafts not included.
			Full v300 Block 2 sub assembly including the quick release
			wings and the necessary hardware to mount a thrudder and an
			umbilical onto the sub, less safety wire and loctite. Thrudder
	11244	Wave Glider v300 Block 2 Sub Assembly	\$75,000.00 and Umbilical not included.
			Kit contains thrudder cable cover fairing, mounting hardware,
	12008	Kit, v300 Block 2 Sub, Thrudder Cable Fairing	\$690.00 and loctite.
			Includes the necessary hardware to mount a thrudder and an
			umbilical onto the sub, less safety wire and loctite. Thrudder no
	07907	Sub Assembly, v300	\$75,000.00 included.
			Single quick release wing for v200 & v300 sub. Wings shafts no
	09556	Kit, v200 & v300 Sub, Quick-Pull-Release Wing	\$1,565.00 included.
Cables	07425-01	Cable, Souriau #14 Shell 13-Pin, 1m	\$875.00
	07425-02	Cable, Souriau #14 Shell 13-Pin, 2m	\$940.00
	07579-02	Cable, Souriau #10 Shell 9-Pin, 2m	\$625.00
	08227-04	Cable, Souriau #10 RF to SMA, 1.5m	\$690.00
	08227-05	Cable, Souriau #10 RF to SMA, 2m	\$690.00
	10489-05	Cable, Souriau #10 RF to TNC-Male, 2m	\$690.00
	10489-07	Cable, Souriau #10 RF to TNC-Male, 3m	\$690.00
	10490-06	Cable, Souriau #10 RF to TNC-Female, 2.5m	\$690.00
	10490-07	Cable, Souriau #10 RF to TNC-Female, 3m	\$690.00
	10489-04	Cable, Souriau #10 RF to TNC-Male, 1.5m	\$690.00
	10490-04	Cable, Souriau #10 RF to TNC-Female, 1.5m	\$690.00
	10490-05	Cable, Souriau #10 RF to TNC-Female, 2m	\$690.00
	10489-06	Cable, Souriau #10 RF to TNC-Male, 2.5m	\$690.00
			Souriau 2 meter cable (LMR240-DB, 2m). Both ends
	08228-05	Cable, Souriau #10 RF to #10 RF, 2m	\$940.00 waterproofed
			Souriau 3 meter cable (LMR240-DB, 3m). Both ends
	08228-07	Cable, Souriau #10 RF to #10 RF, 3m	\$1,565.00 waterproofed
	08228-04	Cable, Souriau #10 RF to #10 RF, 1.5m	\$940.00

	08227-07	Cable, Souriau #10 RF to SMA, 3m	\$690.00	
	08654 10892-04	Kit, Charge & Debug, 13 Pin Male Souriau to DB9/RJ45/8Pin #14 Souriau 13 pin (M) 4 meter cable whip	\$750.00 \$1,250.00	Kit includes a power charger, 120 VAC power cord, and charge & debug cable is 13 Pin Male Souriau to DB9/RJ45/8Pin, which allows communication with the Command & Control Unit.
	10893-04	#10 Souriau 9 pin (M) 4 meter cable whip		A 4 meter whip cable with #10 Souriau 9 pin (Male) connector on one end
	09740	Kit, Cable, Octopus, SV3 v300	\$1,875.00	
	07579-01 08228-06	Cable, Souriau #10 Shell 9-Pin, 1m Cable, Souriau #10 RF to #10 RF, 2.5m	\$625.00 \$1,565.00	
Shoreside Software	08358	#14 Souriau 13 pin (M) 2 meter cable whip WGMS (Wave Glider Management System) Annual Subscription	\$1,000.00	Provides right to use WGMS, delivered by Liquid Robotics as a hosted service for mission management of one commercial Wave Glider for one year.
Maintenance	12532	Kit, Preventative Maintenance, 12 and 36 mo, SV3 v300 Blk2		Kit, SV3 v300 12- & 36-Month Sea Time Preventative Maintenance. Includes CCU O-Ring, Umbilical Wear Components, the v300 Consumables Kit, Launch Wedges and soft launch / recovery straps.
	12533	Kit, Preventative Maintenance, 24 and 48 mo, SV3 v300 Blk 2		Kit, SV3 v300 24- & 48- Month Sea Time Preventative Maintenance. This kit includes a molded section of an umbilical. Also includes CCU O-Ring, Umbilical Wear Components, the v300 Consumables Kit, Launch Wedges, Connector Dust Caps, Wing Spring and Stop Hardware, Motion Isolator Hardware, a Propeller Blade Set and Float Skeg, soft launch / recovery straps.

Sensor			Kit includes a Turner C3 Fluorometer, hardware to mount the
			sensor, and the SMC sensor management software and
			configurations. Kit occupies two (2) Modular Payload Unit
			(MPU) bays and requires modification to the float. A Liquid
		Kit, Turner C3 Fluorometer (CHL-A, Turbidity,	Robotics SMC Integrated Payload is required and not included.
	10753-04	CDOM), SV3 Float, Souriau bulkhead	\$41,250.00 Ch1: CHL-A Ch2: Turbidity Ch3: CDOM
			Kit includes a Turner C3 Fluorometer, hardware to mount the
			sensor, and the SMC sensor management software and
			configurations. Kit occupies two (2) Modular Payload Unit
			(MPU) bays and requires modification to the float. A Liquid
		Kit, Turner C3 Fluorometer (CHL-A, Crude Oil,	Robotics SMC Integrated Payload is required and not included.
	10753-03	Turbidity), SV3 Float, Souriau bulkhead	\$41,250.00 Ch1: CHL-A Ch2: Crude Oil Ch3: Turbidity
Labor			Liquid Robotics Engineering personnel are contracted on a per
			hour, fee for service basis. A mutually agreed to Statement of
			Work must be completed and signed by Liquid Robotics and the
			End Customer before Liquid Robotics personnel can be
			scheduled for work. Services must be utilized within the period
	11015-02	Engineering Integration Services	\$315.00 of performance as defined in the statement of work.
			Liquid Robotics Field Mission Operations personnel are
			contracted on a per hour, fee for service basis. A mutually
			agreed to Statement of Work must be completed and signed by
			Liquid Robotics and the End Customer before Liquid Robotics
			personnel can be scheduled for work. This does not include
			engineering or design services. Services must be utilized within
	11016-01	Field Mission Operations	\$315.00 the period of performance as defined in the statement of work.

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	11015-01	Engineering Support Services	Liquid Robotics Engineering personnel are contracted on a per hour, fee for service basis. A mutually agreed to Statement of Work must be completed and signed by Liquid Robotics and the End Customer before Liquid Robotics personnel can be scheduled for work. This does not include engineering or design services. Services must be utilized within the period of \$315.00 performance as defined in the statement of work.
	07549	Hawaii Mission Operations	Liquid Robotics Hawaii Mission Operations personnel are contracted on a per hour, fee for service basis. A mutually agreed to Statement of Work must be completed and signed by Liquid Robotics and the End Customer before Liquid Robotics personnel can be scheduled for work. This does not include engineering or design services. Services must be utilized within \$315.00 the period of performance as defined in the statement of work. This service is the hourly rate for labor provided by Liquid
	04068	Depot Repair, Hourly	Robotics during regular business hours (8am-5pm PST) for \$315.00 customers whose warranty has expired.
	09786	Program Management, Hourly	Liquid Robotics Program Management personnel are contracted on a per hour, fee for service basis. A mutually agreed to Statement of Work must be completed and signed by Liquid Robotics and the End Customer before Liquid Robotics personnel can be scheduled for work. This does not include engineering or design services. Services must be utilized within \$315.00 the period of performance as defined in the statement of work.
Stands and	05700		\$515.00 the period of performance as defined in the statement of work.
Crates	10470 08029	Kit, Third Leg Release Upgrade, Rapid Stand Kit, L-Drop Sub Cutout Conversion, Legacy Stand	\$2,500.00 Upgraded Third Leg release for Rapid Stand \$160.00 Kit contains the L-drop sub cutout for the cart.

	09359	Kit, Load rated replacement straps for Rapid Stand	\$1,875.00	Load rated replacement straps for Rapid Stand
	09358	Rapid Crate	\$7,500.00	Shipping crate for a Rapid Stand.
	09100	Rapid Stand	\$20,000.00	Includes saddle and cart. Does not include Rapid Launch Kit, Recovery Kit, or Tow Body Conversion Kit.
Tow Cables and Tow Bodies	10468	Tow Body for Integrators (Empty), 200m Rated, Souriau	\$15,000.00	Contains a standalone tow body with a moonpool opening for mounting a subsea sensor and an bulkhead kit for integrators with a Souriau bulkhead connector, allowing proper configuration to custom sensor kits. Tow cable (Souriau) not included.
	09990	Tow Body for Integrators, 200m Rated, Souriau	\$18,750.00	Contains a standalone tow body with a moonpool opening for mounting a subsea sensor and an electronics kit for integrators, allowing proper configuration to custom sensor kits. The electronics kit includes a battery to enhance power conditioning for additional electronics. Tow cable (Souriau) not included.
	09880	Kit, Tow Cable Install Hardware, v200/300 Sub Mount	\$500.00	Includes two (2) pivot plates, four (4) hex head screws, safety wire, and Loctite.
	09821	Kit, KraitArray Tow Cable, L-drop, v300 Sub, Souriau	\$30,000.00	L-Drop KraitArray Tow Cable including mounting brackets for v300 Sub. 13-pin Souriau to KraitArray Adapter.
	09587	Kit, Tow Cable, L-drop, v300 Sub, Souriau		L-Drop Tow Cable including mounting brackets for v300 Sub. 13-pin Souriau to 13-pin Souriau.
Spares	08363	MICRO SD CARD, 64 GB, UHS Class 3 / Class10	\$85.00	
	04565	Inspired Energy, NH2054HD34	\$250.00	Replacement Rechargeable Smart Lithium Ion Battery for CCU or APU. RMA or Maintenance Training Required.
	08791	Wave Glider SV3 v200/v300 Motion Isolator Spring (Elastomer)	\$190.00	Motion Isolator Spring (Elastomer) for Wave Glider SV3 v200 / v300 variety. This item should be purchased together with Kit, Umbilical Mounting Hardware, v200/300 Sub (PN: 09882). Miscellaneous parts for the SV3 V300 (Consumables) including;
	10143	Wave Glider SV3 V300 Miscellaneous (Consumables)	\$6,250.00	Charger / Debug Kit, Screws, Washers, Loctites Grease. Pelican case (1550) is included.

				Kit includes a 75 watt solar panel, two frameless hold-downs,
	11854	Kit, Solar Panel, v300 Block 2, 75W	\$6,250.00	and mounting hardware.
				Most common screws, washers, cotter pins, safety wire, dow
		Wave Glider SV3 V300 Most common hardware		corning grease and other consumable items for Wave Glider SV3
	11538	items (Consumables)	\$250.00	v300
	10828	Wing Shaft, Quick Release, v300 Block 2 Subs	\$125.00	Single quick release wing shaft for v300 Block 2 sub.
				Plastic Lid housing for the SV3 v300 CCU. Hardware is not
	07688	Plastic Lid CCU Housing, SV3 v300	\$750.00	included
				Includes antenna, cable, and installation hardware. AIS locking
	09958	Kit, AIS Antenna & Cable, v300	\$690.00	cover is not included. RMA or Maintenance Training Required.
	12829	Kit, Lightbar Outer Case		Outer case dome with the two O rings for this assembly.
AIS	12025		400.00	Kit includes an Automatic Identification System (AIS) Antenna's
7110				locking cover & screw, and dielectric grease. AIS Antenna not
	10032	Kit, AIS Locking Cover, v300	\$75.00	included.
			<i><i>ϕ</i>, <i>δ</i>, <i>δ</i>, <i>δ</i>, <i>δ</i>, <i>δ</i>, <i>δ</i>, <i>δ</i>, <i>δ</i></i>	Kit includes an Automatic Identification System (AIS) Antenna,
	10044	Kit, AIS Antenna & Locking Cover, v300	\$100.00	locking cover & screw, and dielectric grease.
				Kit includes an Automatic Identification System (AIS) Antenna
	04192	Kit, AIS Antenna	\$65.00	and dielectric grease.
Mission &				Liquid Robotics Professional Service personnel are contracted
<b>Support Services</b>				on a per hour, fee for service basis. A Liquid Robotics
				Professional Services Statement of Work must be completed and
				signed before Liquid Robotics Professional Service personnel
				can be scheduled for work. This does not include engineering or
				design services. Services must be pre-paid and utilized within
	10887	Professional Services, Hourly (Pre-Paid)	\$315.00	one calendar year of purchase.
				This item is for Liquid Robotics' incurred travel expenses. Must
	09788	Travel Expenses	Quote	include Statement of Work.

# PRICE LIST – LIQUID ROBOTICS, A BOEING COMPANY

			The Liquid Robotics Operations Center is staffed 24/7/365. Provided on a per-day, per Wave Glider basis, the LRI Piloting Service includes execution of the mission plan via the WGMS (Wave Glider Management System), monitoring of the Wave Glider, course changes, obstacle avoidance, alarm response, and coordination with in-field personnel during operations. The Operations Center can serve as Incident Command if required. Standard Mission Planning must be purchased along with this service. Services must be utilized within one calendar year of
	00677	Piloting Services (1 Day- 1 Wave Glider - 24 Hours)	\$350.00 purchase.
			Construction of mission plan for specific customer operation. Includes full analysis of environmental risk assessment, power management and summary report of expected performance.
			Setup of custom organization for customer login is done in Wave Glider Management System (WGMS) if required. Mission Planning services must be utilized within one calendar year of
	00674	Standard Mission Planning	\$10,000.00 purchase
Developer Kits			Includes one (1) 1m & one (1) 2m expansion cable; two (2) expansion port bulkhead expansion ports; 1 and 3 MPU drill kit; power charger and debug cable; two (2) 1/2m masts, two (2) sealed SMA connectors; two (2) SMA-SMA 1.7m coax cables; 9 taper head cap screws M5x25mm titanium; flat washers M5 titanium; split lock washers M5 titanium; self tapping inserts M5
	08690	Commonly Used Developer Parts Kit, v300	\$8,125.00 titanium This kit is the functional equivalent of a Wave Clider used for
			This kit is the functional equivalent of a Wave Glider used for desktop development. It includes a Command and Control box, Thrudder electronics housing, expansion cables to act as the
	08689	Development Kit, v300 Block 2	\$62,500.00 umbilical and tow cable and a debug cable.

CCU				Command and Control Unit which handles all of the core
	10000	Command and Control Unit (CCU), SV3 v300 Block 2	\$56,250.00	electronics functions of the Wave Glider.
	09960	Kit, Light Pipe, v300 CCU	\$125.00	Includes light pipe, and mounting hardware.
				Includes pressure port installation hardware, tall pressure port
	09954	Kit, Pressure Port Installation	\$250.00	cover with magnet, and mounting hardware.
	12392	CCU Upgrade Kit, v300 Block 1 to Block 2	\$10,000.00	KIT, CCU UPGRADE, BLOCK1 TO BLOCK 2
		Command and Control Unit (CCU), SV3 v300 Block 2		DISA Command and Control Unit which handles all of the core
	10000-DOD	(DISA)	\$59,375.00	electronics functions of the Wave Glider.
APU		Kit, Power Plug Bulkhead Connector Installation,		Includes bulkhead connector, wiring harness, and installation
	09956	v100/200/300 APU	\$375.00	hardware. Does not include the plug.
				1MPU equivalent APU. Includes expansion port cable (Souriau,
	08087	Auxiliary Power Unit (APU), v300, Souriau	\$10,000.00	13-Pin, Male to Male, 1m)
Weather Station				
& Light Bar	09471	Kit, Mast, Tapered, ID 1in x 1m, Lightbar Cutout	\$940.00	Kit includes a mast and mounting hardware, less Loctite.
				Includes a configurable Light bar, Airmar 200WX weather
		Visibility Mast and Airmar 200WX Weather Station,		station, and 1m mast with fairing and Souriau connectors for
	11047	v300 Block 2	\$6,250.00	v300 Block 2.
				Kit includes Airmar 200WX weather station, thread seal (for mast
				mount), and sealing tape (for cable). Cable and mast are not
	09772	Kit, Airmar 200WX Weather Station	\$1,875.00	included.
	11045	Kit, Programmable Light Bar v300 Blk 2	\$2,190.00	Replacement programmable light bar with cable.
	09169	Kit, Light Bar, 1in ID Mast, Souriau	\$2,190.00	Replacement light bar with cable.
				Minimum order quantity: 10 RMA or Maintenance Training
Fasteners	00068	Insert, Self Tapping, Titanium M5	\$10.00	Required.
				Upgrade that allows the resilient tracker to be properly set-up to
Iridium	10547	DISA Upgrade, Resilient Tracker	\$3,125.00	allow connection to DISA network.
				Upgrade that allows the Iridium Short Burst Data modem to be
	10548	DISA Upgrade, Command & Control Unit	\$3,125.00	properly set-up to allow connection to DISA network.
Shipping &				
Handling	09789	Shipping Charges	Quote	Estimate provided on quotes.



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Please contact Liquid Robotics Customer Support if you have any questions at: Liquid Robotics - Customer Support Operations (INTL) +1.408.636.4205 (USA, toll free) 888.574.4574 support@liquid-robotics.com