

<b>Product Type</b>	Product			
1	Code	Product Name	<b>List Price</b>	Product Description
ADCP	12937-01	ADCP, WORKHORSE II MONITOR 300KHz, WITH BOTTOM TRACKING	\$49,500.00	Kit includes a Teledyne Workhorse II 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.
	12937-02	ADCP, WORKHORSE II MONITOR 600KHz WITH BOTTOM TRACKING		Kit includes a Teledyne Workhorse II 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.
	04259	BRACKET, ADCP	\$350.00	
CTD	09446	Kit, Mounting Hardware, Seabird Glider Payload CTD [not included] and Dissolved Oxygen [not included], v200 or v300 Sub	\$11,750.00	
	10750	Kit, Mounting Hardware, Seabird Glider Payload CTD [not included] and Dissolved Oxygen [not included], SV3 Float, Souriau bulkhead	\$11,750.00	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.
	10752	Kit, Seabird Glider Payload CTD and Dissolved Oxygen, SV3 Float Mount, Souriau bulkhead	\$41,250.00	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 configurations. A Liquid Robotics SMC Integrated Payload is required and not included.



10751	Kit, Seabird Glider Payload CTD, SV3 Float Mount, Souriau bulkhead	Kit includes the hardware required to mount a Seabird Glider Payload CTD to a SV3 Float, and the necessary SMC sensor management software and configurations. A Liquid Robotics SMC \$40,000.00 Integrated Payload is required and not included.
11868-02	Kit, Seabird Glider Payload CTD, SV3 Skeg Mount, Souriau bulkhead, 2 m cable	Kit includes the hardware required to Skeg mount a Seabird Glider Payload CTD sensor, 2 meter cable. Necessary SMC sensor management software and configurations is also included. A Liquit \$40,000.00 Robotics SMC Integrated Payload is required and not included.
11868-03	Kit, Seabird Glider Payload CTD, SV3 Skeg Mount, Souriau bulkhead, 2.5 m cable	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 included. A Liquit \$40,000.00 Robotics SMC Integrated Payload is required and not included.
11868-05	Kit, Seabird Glider Payload CTD and Dissolved Oxygen, SV3 Skeg Mount, Souriau bulkhead, 2 m cable	Kit includes the hardware required to Skeg mount a Seabird Glider Payload CTD and SBE 43F Dissolved Oxygen sensor, 2 meter cable. Necessary SMC sensor management software and configurations is also included. A Liquid Robotics SMC Integrated Payload is require \$45,000.00 and not included.
10319	Glider Payload, CTD, Plastic, 350dBar, Fast Pump	\$21,000.00 Seabird Glider Payload CTD (350 db sensor).
09450	Kit, Seabird Glider Payload CTD and Dissolved Oxygen, v300 Sub Mount	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 \$35,000.00 required and not included.



	09449	Kit, Seabird Glider Payload CTD, v300 Sub Mount	\$27,500.00	Kit includes the hardware required to mount a Seabird Glider 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.
Electronic Assemblies & Accessories	07496	PCBA, AMPS IGM 2.0	\$1,500.00	
	07028	PCBA, AMPS HIGH VOLT, 6X UNREG VCONS	\$2,750.00	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 power consumption monitoring (logic power)
	10406	Kit, AMPS Carrier, 3MPU	\$1,250.00	
	07847	PCBA, PDC SV3 VERSION 2.0	\$1,000.00	RMA or Maintenance Training Required.
	09746	PCBA, AMPS BRIDGE MODULE 3.0	\$1,375.00	
	09746-01	PCBA, AMPS BRIDGE MODULE 3.0 - APU Variant	\$1,375.00	
	04188	PCBA, AMPS - Solar Panel Input	\$450.00	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	\$700.00	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	\$1,250.00	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.
Fluorometry	10753	Kit, Mounting Hardware, Turner C3 Fluorometer [not included], SV3 Float, Souriau bulkhead	\$22,000.00	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.



		Turner C3 Fluorometer (Ref Fuels, CDOM,		
	01385-01	Turbidity)	\$15,125.00	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: CHLOROPHYLL
	01385-02	CHLOROPHYLL A)	\$15,125.00	A
		Turner C3 Fluorometer (CHL-A, Crude Oil,		
	01385-03	Turbidity)	\$1,650.00	Sensor only. Ch1: CHL-A Ch2: Crude Oil Ch3: Turbidity
		Turner C3 Fluorometer (CHL-A, Turbidity,		
	01385-04	CDOM)	\$10,650.00	Sensor only. Ch1: CHL-A Ch2: Turbidity Ch3: CDOM
		Turner C3 Fluorometer (CHL-Red, Turbidity,		
	01385-05	Phycoerythrin)	\$11,650.00	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)	\$15,125.00	fuels
		Turner C3 Fluorometer (Chlorophyll A,		
	01385-09	Tryptophan, CDOM)	\$13,500.00	Sensor only. Ch1: Chlorophyll A Ch2: Tryptophan Ch3: CDOM
		Turner C3 Fluorometer (Chlorophyll A, Refined		
	01385-08	fuels, CDOM)	\$15,125.00	Sensor only. Ch1: Chlorophyll A Ch2: Refined fuels Ch3: CDOM
Launch &				Requires boat hook with mooring hook holder or standalone
Recovery	01838	Mooring Hook	\$105.00	mooring hook holder. Proof load tested to 4,000lbs.
	10303	Launch Strap for Legacy Stand	\$385.00	
				Includes recovery buoy release assembly, and mounting hardware.
	10529	Kit, Recovery Buoy Release	\$2,000.00	Recovery buoy, and recovery line are not included.
		Kit, Rapid Stand & Rapid Stand Launch Kit,		Includes soft gear for Rapid Stand and Rapid Stand Launch Kit: float
	10583	Soft Gear	\$1,100.00	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.
	09597	Ratchet Buckle for the Rapid crate	\$65.00	



			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
		Heavy-Duty Telescoping Boat Hook with	enable easy length adjustments. A Mooring hook holder has been
	05768	Mooring Hook Holder	\$105.00 mounted to the hook. Mooring hook not included.
			Assembly for launching/lifting the rapid stand with integrated 3rd
	10777	Assembly, Launch Bridle, Rapid Stand	\$2,200.00 leg release.
			Kit contains Rapid Stand launch bridle and release line. Does not
	09328	Kit, Rapid Stand Launch	\$275.00 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	\$825.00 miscellaneous hardware.
Masts &			A set of five (5) plus one (1) spare hardware to attach a mast to the
Antennas			mast plate and stern mast mount. This kit does not include Loctite.
	09468	Kit, Mast Mounting Hardware	\$110.00 Note, included with mast kits.
			A set of five (5) plus one (1) spare hardware to attach a mast to the
	10534	Kit, Mast Mounting Hardware, Mast Plate	\$45.00 mast plate. This kit does not include Loctite.
			A set of five (5) plus one (1) spare hardware to attach a mast to the
	10535	Kit, Mast Mounting Hardware, Stern Mount	\$82.50 stern mast mount. This kit does not include Loctite.
		Kit, GPS L1 Patch Antenna, Souriau #10 RF,	Whip length is non-standard. Kit includes an antenna, mast, and
	10054-03	1.25m Whip, 0.5m Mast	\$3,600.00 mounting hardware, less Loctite.
		Kit, GPS L1 Patch Antenna, Souriau #10 RF, 2m	
	10054-05	Whip, 0.5m Mast	\$3,600.00 Kit includes an antenna, mast, and mounting hardware, less Loctite
		Iridium Patch Antenna, Souriau #10 RF, 2m	
	10036-05	Whip	\$2,250.00 Does not include mast.
		Kit, Iridium Patch Antenna, Souriau #10 RF, 2m	
	10040-05	Whip, 0.5m Mast	\$2,850.00 Kit includes an antenna, mast, and mounting hardware, less Loctite.



	09638	Kit, Mast, Straight, OD 1.6in x 0.3m	\$900.00 Kit includes a mast and mounting hardware, less Loctite.
	09639	Kit, Mast, Straight, OD 1.6in x 0.8m	\$965.00 Kit includes a mast and mounting hardware, less Loctite.
		Kit, Cell Antenna, Robust, Souriau #10 RF,	
	10057	1.25m Whip, 0.5m Mast	\$3,100.00 Kit includes an antenna, mast, and mounting hardware.
		GPS L1 Patch Antenna, Serial output, Souriau	
	09300	#10 9-Pin Male Connector	\$2,500.00 Does not include mast.
	09470	Kit, Mast, Tapered, 1in ID x 1m length	\$965.00 Kit includes a mast and mounting hardware, less Loctite.
	09469	Kit, Mast, Tapered, 1in ID x 0.5m length	\$900.00 Kit includes a mast and mounting hardware, less Loctite.
Payloads		Kit of 3 Spare Tube Couplers for Use with	Kit of 3 spare tube coupler valves for use with pressures port fill
	08571	Pressure Port Fill Valve	\$45.00 valve on MPU, CCU, APU.
			SV3 v300 Starshield payload. This configuration requires delivery in
		ASSY, SV3 V300 STARSHIELD COMMS	full of the following CFE/GFE SpaceX (OEM) materials for
	13125-02	SOLUTION	\$125,000.00 incorporation into the Assembly P/N 13125-02
			1MPU Souriau payload box housing an embedded S-Band mesh
			radio (Wave Relay) with 3 external antenna ports. Power, Ethernet
		1MPU Souriau Payload, S-Band mesh radio	and control are supplied via an Expansion Port cable. Expansion
	10629-01	(Wave Relay)	\$13,750.00 port cable is not included.
			1MPU souriau payload box housing a SMC2 computer, GPS waves
			sensor and mast, Ethernet switch, and an extra connector for
		1MPU Souriau Payload w/SMC2, GPSWaves	optional Ethernet and power pass-through to an additional payload
	10052-03	sensor and mast	\$38,500.00 box. Expansion port cable included.
			this kit contains all the parts necessary to build a Sonardyne 6G,
	12948	Kit, Sonardyne 6G, ACOMMS-only, SV3 v300	\$44,000.00 ACOMMS-only system.
			Includes an Integrated 3MPU Souriau payload for a SV3 v300 vehicle,
			Sonardyne Integrated Transducer with mounted skeg, two GPS
	12898	Kit, Sonardyne 6G, GPS-A, SV3 v300	\$49,500.00 antennas, and two masts with installation hardware.
			Replacement O-Ring used to seal to perimeter of a 3-Modular
	05057	Wave Glider SV3 3-MPU O-Ring	\$40.00 Payload Unit (3-MPU) box.



		This sub-assembly includes the box and 3MPU AMPS backplane,
10019	AMPS Payload, 3MPU, Souriau	\$4,700.00 PDC, & Bridge with a Souriau bulkhead connector.
		This sub-assembly includes the box and 1MPU AMPS backplane,
08887	AMPS Payload, 1MPU, Souriau	\$3,700.00 PDC, & Bridge with a Souriau bulkhead connector.
		Includes lid, tub, slides, o-ring, handle, pressure port, and associate
06019	Empty Payload, 3MPU	\$2,000.00 miscellaneous hardware.
06323	Empty Payload, 1MPU	\$1,250.00 Includes lid, tub, slides, o-ring, handle, and pressure port.
		This is the Liquid Robotics Integrated 3MPU SMC 2.0 solution with
	Liquid Robotics Integrated Payload, 3MPU	Souriau bulkhead connectors, configured for three (2) Souriau RF
09989-03	SMC 2.0, Souriau (2x Souriau RF)	\$13,500.00 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	Expansion port cable, debug cable, and sensor/payload kits are n
09989-07	SMC 2.0, Souriau (ADCP, FLOAT-CTD)	\$13,500.00 included.
		This is the Integrator 1MPU SMC 2.0 solution with Souriau bulkhe
		connectors (GPSWaves). It contains a SMC 2.0 kit, AMPS
	Payload For Integrators, 1MPU SMC 2.0,	subassembly, buck boost board, and spare high voltage board.
10052-04	Souriau (GPSWaves)	\$12,000.00 Expansion port and debug cables are not included.
		Replacement O-Ring used to seal to perimeter of a 1-Modular
10512	Wave Glider SV3 1-MPU O-Ring	\$40.00 Payload Unit (1-MPU) box
		This is the Liquid Robotics Integrated 3MPU SMC 2.0 solution wit
	Liquid Robotics Integrated Payload, 3MPU	Souriau bulkhead connectors (custom: GPSWAVES, RFx2, 13-PIN
	SMC 2.0, Souriau (GPSWAVES, RFx2, 13-PIN,	7/16 HOLE) Expansion port cable, debug cable, and sensor/payle
09989-06	7/16 HOLE)	\$13,500.00 kits are not included.
		This is the Integrator 3MPU SMC 2.0 solution with Souriau bulkhe
		connectors. It contains a SMC 2.0 kit, AMPS subassembly, high
	Payload For Integrators, 3MPU SMC 2.0,	voltage board, and spare buck boost board. Expansion port and
09989	Souriau	\$12,375.00 debug cables are not included.



	09989-ROM	Liquid Robotics Integrated Payload, 3MPU SMC 2.0, Souriau	\$13 500 00	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. Expansion port and debug cables are not included. A Purchase Order cannot be accepted with this part number.
	10052	Payload For Integrators, 1MPU SMC 2.0, Souriau		This is the Integrator 1MPU SMC 2.0 solution with Souriau bulkhead connectors. 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.
	10052-ROM	Liquid Robotics Integrated Payload, 1MPU SMC 2.0, Souriau	\$12,000.00	This is the Liquid Robotics Integrated 1MPU SMC 2.0 solution with Souriau bulkhead connectors. It contains a SMC 2.0 kit, AMPS subassembly, and required voltage regulation board. Expansion port and debug cables are not included. A Purchase Order cannot be accepted with this part number.
	10180	Kit, Drill Jig, 1MPU & 3MPU	\$2,500.00	Includes jigs for 1MPU & 3MPU, and hardware necessary to properly drill holes for bulkhead connectors.
	09989-01	Liquid Robotics Integrated Payload, 3MPU SMC 2.0, Souriau (GPSWaves)	\$13,500.00	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.
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
	09594	Wave Glider Maintenance Training	\$3,750.00	mechanical and electrical components, and be computer capable.



	09592	Wave Glider Operator Training	\$2.750.00	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			· ·	Kit includes the required hardware to replace the top and bottom u-
	09548	Kit, Bearings, Umbilical Wide U-Joint	\$700.00	joint bearings.  Molded assembly (8 meter) for the Wave Glider v300 (Souriau).
	10836-08	Wave Glider v300 Molded section, 8 meter	\$36,500.00	Upper, lower brackets along with the mounting hardware is not included.
		Wave Glider 8 meter Umbilical with Wide U-		Wave Glider 8 meter Umbilical with Wide U joints, v300 for Thrudder 3.0. This kit contains umbilical and hardware required spare the
	09883-08	joints v300 / Thrudder 3.0	\$48,125.00	umbilical locking plate and bolts.  Kit includes locking plates, six (6) hex head screws, SAF-T-EZE,
	12006	Kit, Umbilical Mounting Hardware, v300 Block 2 Sub	\$900.00	safety wire, four (4) nylock nuts, and four (4) cotter pins for motion isolator & center bale.
	09882	Kit, Umbilical Mounting Hardware, v200/300 Sub	\$900.00	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.
Wave Height	10063	Kit, GPSWaves-IMU (GX5-45), Robust, Souriau 9-Pin connectors, 0.5m Mast, SMC2	·	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-IMU.
Vehicles, Configured	11230_02_DOD	Wave Glider SV3 V300 Block 2 (8m Umbilical) WX & Cell, Rapid Stand & Crate - DOD	¢278 125 <b>∩</b> ∩	Includes a high buoyancy float, DOD Command & Control Unit (CCU) 4G and DISA Tracker, 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.



	11230-02	Wave Glider SV3 V300 Block 2 (8m Umbilical) WX & Cell, Rapid Stand & Crate	\$ i \$371,250.00	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	8	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.
	11230-50	Wave Glider SV3 V300 Block 2 (8m Umbilical) Legacy Stand	8	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	7 8 i r	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 Connectors	10215	Kit, Bulkhead Connector, Souriau, 9-Pin, Female (#10 Shell)	7	This kit contains all of the parts necessary to install the bulkhead connector in an existing hole.
	10231	Kit, Bulkhead Debug Port Connector, Souriau, SMC2, 13-Pin, Female (#14 Shell)	\$650.00	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)		This kit contains all of the parts necessary to install the bulkhead connector in an existing hole.



		Kit, Bulkhead Connector, Souriau, 13-Pin,		This kit contains all of the parts necessary to install the bulkhead
	10213	Female (#14 Shell)	\$450.00	connector in an existing hole.
				This kit contains all of the parts necessary to replace an expansion
		Kit, Bulkhead Expansion Port Connector,		port connector with CAN and Ethernet SAMTEC connectors, and
	10229	Souriau, 13-Pin, Female (#14 Shell)	\$650.00	ferrules for V-Produce, V-Consumer, and Gnd.
<b>Dummy Plugs</b>		Kit, Dummy Plug, Souriau, #10 Shell,		This kit contains all of the parts necessary to install a dummy plug
	09339	Receptacle	\$75.00	into an existing bulkhead connector. BER10PLY equivalent.
		Kit, Dummy Plug, Souriau, #14 Shell,		This kit contains all of the parts necessary to install a dummy plug
	09340	Receptacle	\$75.00	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, mounting hardware and
	08060	Resilient Tracker	\$4,500.00	foam insert not included.
	04457	FOAM, ADCP, SV3	\$250.00	FOAM, ADCP, SV3
				Includes the motion isolator, the water speed sensor, the octopus
				cables, a full set of 1-Modular Payload Unit (1-MPU) foam spacers,
	08012	Float Assembly, High Buoyancy, v300		and a resilient tracker.
	08628	Kit, SV3, Float Skeg	\$625.00	Kit contains a float skeg, mounting hardware, and Loctite.
	09579	Foam, Water Speed, v300	\$275.00	
	10549	Kit, Water Speed Sensor, v300	\$2,125.00	Kit includes water speed sensor with mounting hardware.
	09741	Kit, Motion Isolator Pin	\$110.00	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 installed
	11943	Deck Cover 1MPU for additional mast points	\$1,000.00	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	\$350.00	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, mounting hardware and
	08060-DOD	Resilient Tracker (DISA)	\$7,625.00	foam insert not included.
	09303	ADCP Fiberglass Cutout with Foam	\$650.00	
				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 tool needed to
	09445	Kit, Payload Retention Clips	\$165.00	modify the fore end of the aft payload bay.
	09891	Kit, Frameless Solar Panel Hold-Downs, v300	\$145.00	Kit includes two frameless hold-downs, and mounting hardware.
	09729	Kit, Resilient Tracker Cover	\$75.00	Kit includes cover with mounting hardware.
	04454	Foam, 1MPU Spacer	\$75.00	
Thrudders	06863	Kit, Thruster Blades, Thrudder 1.0, 1.5, & 3.0	\$485.00	Kit includes blades with mounting hardware.
				Kit includes replacement blades and spinner with mounting
	09546	Kit, Thruster Blades & Spinner, Thrudder 3.0	\$900.00	hardware.
	09531	Kit, Thrudder 3.0, Fin	\$250.00	Thrudder 3.0 replacement fin with mounting hardware and Loctite.
				Thrudder 3.0 replacement top fairing with mounting hardware and
	09534	Kit, Thrudder 3.0, Top Fairing	\$485.00	Loctite.
				Thrudder 3.0 replacement bottom fairing with mounting hardware
	09536	Kit, Thrudder 3.0, Bottom Fairing	\$550.00	and Loctite.
				Includes a full Thrudder 3.0 Copper Painted. Mounting hardware not
	11237	Thrudder 3.0, v300 Block 2 (Painted)	\$48,125.00	included.
		Kit, Thrudder 3.0 Mounting Hardware to v300		Kit includes mounting hardware and loctite to attach Thrudder 3.0
	12007	Block 2 Sub	\$350.00	to v300 Block 2 sub.
		Kit, Thrudder 3.0, Side Fairing (Port or		Thrudder 3.0 replacement side fairing (port or starboard) with
	12009	Starboard) v300 Block 2	\$700.00	mounting hardware and Loctite.



				Thrudder 3.0 replacement top fairing with mounting hardware and
	12010	Kit, Thrudder 3.0, Top Fairing v300 Block 2	\$485.00	Loctite.
				Thrudder 3.0 replacement bottom fairing with mounting hardware
	12011	Kit, Thrudder 3.0, Bottom Fairing v300 Block 2	\$550.00	and Loctite.
				Kit includes common RMA components for Thrudder 3.0. RMA or
	09552	RMA Kit, Thrudder 3.0	\$685.00	Maintenance Training Required.
		Kit, Thrudder 3.0 Mounting Hardware to v300		Kit includes mounting hardware and loctite to attach Thrudder 3.0
	09785	Sub		to v300 sub.
Subs	07748	Wing Shaft, Quick Release, v200 & v300 Subs	\$140.00	Single quick release wing shaft for v200 & v300 sub.
				Kit of seven (6 + 1 extra) wing spring with mounting hardware for
	09543	Kit, v300 Sub, Wing Spring Set	\$2,750.00	v300 Sub.
	11379	Single quick release wing for v300 Block 2 sub.	\$1,750.00	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 and Umbilical
	11244	Wave Glider v300 Block 2 Sub Assembly	\$82,500.00	not included.
				Kit contains thrudder cable cover fairing, mounting hardware, and
	12008	Kit, v300 Block 2 Sub, Thrudder Cable Fairing	\$750.00	
				Includes the necessary hardware to mount a thrudder and an
				umbilical onto the sub, less safety wire and loctite. Thrudder not
	07907	Sub Assembly, v300	\$82,500.00	included.
				Single quick release wing for v200 & v300 sub. Wings shafts not
	09556	Kit, v200 & v300 Sub, Quick-Pull-Release Wing	\$1,750.00	included.
Cables	07425-01	Cable, Souriau #14 Shell 13-Pin, 1m	\$1,075.00	
	07425-02	Cable, Souriau #14 Shell 13-Pin, 2m	\$1,140.00	
	07579-02	Cable, Souriau #10 Shell 9-Pin, 2m	\$825.00	
	08227-04	Cable, Souriau #10 RF to SMA, 1.5m	\$890.00	
	08227-05	Cable, Souriau #10 RF to SMA, 2m	\$890.00	



	10489-05	Cable, Souriau #10 RF to TNC-Male, 2m	\$890.00	
	10489-07	Cable, Souriau #10 RF to TNC-Male, 3m	\$890.00	
	10490-06	Cable, Souriau #10 RF to TNC-Female, 2.5m	\$890.00	
	10490-07	Cable, Souriau #10 RF to TNC-Female, 3m	\$890.00	
	10489-04	Cable, Souriau #10 RF to TNC-Male, 1.5m	\$890.00	
	10490-04	Cable, Souriau #10 RF to TNC-Female, 1.5m	\$890.00	
	10490-05	Cable, Souriau #10 RF to TNC-Female, 2m	\$890.00	
	10489-06	Cable, Souriau #10 RF to TNC-Male, 2.5m	\$890.00	
	08228-05	Cable, Souriau #10 RF to #10 RF, 2m	\$1,140.00	Souriau 2 meter cable (LMR240-DB, 2m). Both ends waterproofed
	08228-07	Cable, Souriau #10 RF to #10 RF, 3m	\$1,765.00	Souriau 3 meter cable (LMR240-DB, 3m). Both ends waterproofed
	08228-04	Cable, Souriau #10 RF to #10 RF, 1.5m	\$1,140.00	
	08227-07	Cable, Souriau #10 RF to SMA, 3m	\$890.00	
				Kit includes a power charger, 120 VAC power cord, and charge &
		Kit, Charge & Debug, 13 Pin Male Souriau to		debug cable is 13 Pin Male Souriau to DB9/RJ45/8Pin, which allows
	08654	DB9/RJ45/8Pin	\$950.00	communication with the Command & Control Unit.
	10892-04	#14 Souriau 13 pin (M) 4 meter cable whip	\$1,450.00	
				A 4 meter whip cable with #10 Souriau 9 pin (Male) connector on
	10893-04	#10 Souriau 9 pin (M) 4 meter cable whip	\$1,390.00	one end
	09740	Kit, Cable, Octopus, SV3 v300	\$2,075.00	Kit includes Octopus cable with mounting hardware, and Loctite.
	07579-01	Cable, Souriau #10 Shell 9-Pin, 1m	\$825.00	
	08228-06	Cable, Souriau #10 RF to #10 RF, 2.5m	\$1,765.00	
	10892-02	#14 Souriau 13 pin (M) 2 meter cable whip	\$1,200.00	
Shoreside				Provides right to use WGMS, delivered by Liquid Robotics as a
Software		WGMS (Wave Glider Management System)		hosted service for mission management of one commercial Wave
	08358	Annual Subscription	\$15,000.00	Glider for one year.
Maintenance				
				Kit, SV3 v300 12- & 36-Month Sea Time Preventative Maintenance.
		Kit, Preventative Maintenance, 12 and 36 mo,		Includes CCU O-Ring, Umbilical Wear Components, the v300
	12532	SV3 v300 BIk2	\$3,650.00	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 \$47,500.00 Skeg, soft launch / recovery straps.
Sensor	10753-04	Kit, Turner C3 Fluorometer (CHL-A, Turbidity, CDOM), SV3 Float, Souriau bulkhead  Kit, Turner C3 Fluorometer (CHL-A, Crude Oil, Turbidity), SV3 Float, Souriau bulkhead	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 Robotics SMC Integrated Payload is required and not included. 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 Robotics SMC Integrated Payload is required and not included. Ch1: CHL-A Ch2: Crude Oil Ch3: \$45,375.00 Turbidity
Labor	10887	Professional Services, Hourly (Pre-Paid)	Liquid Robotics Professional Service personnel are contracted 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 \$315.00 must be pre-paid and utilized within one calendar year of purchase.



			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 of performance as
1	1015-02	Engineering Integration Services \$315.	00 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 the period of performance as
1	1016-01	Field Mission Operations \$315.	defined in the statement of work.
			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 performance as defined in the
1	1015-01	Engineering Support Services \$315.	on statement of work.
			This service is the hourly rate for labor provided by Liquid Robotics
			during regular business hours (8am-5pm PST) for customers whose
04	4068	Depot Repair, Hourly \$315.	00 warranty has expired.



	09786	Program Management, Hourly	a per Worl End for w Servi	uid Robotics Program Management personnel are contracted on er hour, fee for service basis. A mutually agreed to Statement of rk must be completed and signed by Liquid Robotics and the Customer before Liquid Robotics personnel can be scheduled work. This does not include engineering or design services. Vices must be utilized within the period of performance as ined in the statement of work.
Stands and				
Crates	10470	Kit, Third Leg Release Upgrade, Rapid Stand	\$2,750.00 Upgi	graded Third Leg release for Rapid Stand
	08029	Kit, L-Drop Sub Cutout Conversion, Legacy Stand	\$175.00 Kit c	contains the L-drop sub cutout for the cart.
		Kit, Load rated replacement straps for Rapid		
	09359	Stand	· ·	d rated replacement straps for Rapid Stand
	09358	Rapid Crate		oping crate for a Rapid Stand.
	09100	Rapid Stand		udes saddle and cart. Does not include Rapid Launch Kit, overy Kit, or Tow Body Conversion Kit.
Tow Cables and Tow Bodies	10468	Tow Body for Integrators (Empty), 200m Rated, Souriau	mou Sour	ntains a standalone tow body with a moonpool opening for unting a subsea sensor and an bulkhead kit for integrators with a riau bulkhead connector, allowing proper configuration to tom sensor kits. Tow cable (Souriau) not included.
	09990	Tow Body for Integrators, 200m Rated, Souriau	Cont mou allov kit in \$20,625.00 elect	ntains a standalone tow body with a moonpool opening for unting a subsea sensor and an electronics kit for integrators, wing proper configuration to custom sensor kits. The electronics ncludes a battery to enhance power conditioning for additional extronics. Tow cable (Souriau) not included.
	09880	Kit, Tow Cable Install Hardware, v200/300 Sub Mount	\$550.00 and	udes two (2) pivot plates, four (4) hex head screws, safety wire,
	03000	Kit, KraitArray Tow Cable, L-drop, v300 Sub,	·	rop KraitArray Tow Cable including mounting brackets for v300
	09821	Souriau Souriau		. 13-pin Souriau to KraitArray Adapter.



				L-Drop Tow Cable including mounting brackets for v300 Sub. 13-
	09587	Kit, Tow Cable, L-drop, v300 Sub, Souriau	\$18,000.00	pin Souriau to 13-pin Souriau.
Spares				Replacement Rechargeable Smart Lithium Ion Battery for CCU or
_	04565	Inspired Energy, NH2054HD34	\$275.00	APU. RMA or Maintenance Training Required.
				Motion Isolator Spring (Elastomer) for Wave Glider SV3 v200 / v300
		Wave Glider SV3 v200/v300 Motion Isolator		variety. This item should be purchased together with Kit, Umbilical
	08791	Spring (Elastomer)	\$225.00	Mounting Hardware, v200/300 Sub (PN: 09882).
				Miscellaneous parts for the SV3 V300 (Consumables) including;
		Wave Glider SV3 V300 Miscellaneous		Charger / Debug Kit, Screws, Washers, Loctites Grease. Pelican case
	10143	(Consumables)	\$7,000.00	(1550) is included.
				Kit includes a 75 watt solar panel, two frameless hold-downs, and
	11854	Kit, Solar Panel, v300 Block 2, 75W	\$6,875.00	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)	\$275.00	v300
	10828	Wing Shaft, Quick Release, v300 Block 2 Subs	\$140.00	Single quick release wing shaft for v300 Block 2 sub.
	12829	Kit, Lightbar Outer Case	\$40.00	Outer case dome with the two O rings for this assembly.
Winch				Includes winch (line & sinker), 1.4m Souriau 13-Pin cable, and
	09730	Winch 150P Kit, v300 Sub	\$130,625.00	mounting hardware for v300 sub.
				Winch Hammock Rapid Stand kit. Replacement parts of an existing
	11469	Winch Hammock Rapid Stand kit	\$1,100.00	hammock for repair or annual maintenance.
	09148	Casting wire & Snubber, Winch 150P	\$16,500.00	Replacement casting wire and snubber for the Winch 150P.
AIS				Kit includes an Automatic Identification System (AIS) Antenna's
				locking cover & screw, and dielectric grease. AIS Antenna not
	10032	Kit, AIS Locking Cover, v300	\$85.00	included.
				Kit includes an Automatic Identification System (AIS) Antenna,
	10044	Kit, AIS Antenna & Locking Cover, v300	\$110.00	locking cover & screw, and dielectric grease.
				Kit includes an Automatic Identification System (AIS) Antenna and
	04192	Kit, AIS Antenna	\$75.00	dielectric grease.



Mission & Support Services	00677	Piloting Services (1 Day- 1 Wave Glider - 24 Hours)	\$350.00	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 purchase.
	00674	Standard Mission Planning	\$10,000.00	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 purchase
Developer Kits	08690	Commonly Used Developer Parts Kit, v300	\$10,000.00	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 titanium  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	\$68,750.00	umbilical and tow cable and a debug cable.  Command and Control Unit which handles all of the core electronics
CCU	10000	Command and Control Unit (CCU), SV3 v300 Block 2	\$62,000.00	functions of the Wave Glider.



	09960	Kit, Light Pipe, v300 CCU	\$137.50	Includes light pipe, and mounting hardware.
				Includes pressure port installation hardware, tall pressure port cover
	09954	Kit, Pressure Port Installation	\$275.00	with magnet, and mounting hardware.
	12392	CCU Upgrade Kit, v300 Block 1 to Block 2	\$11,500.00	KIT, CCU UPGRADE, BLOCK1 TO BLOCK 2
		Command and Control Unit (CCU), SV3 v300		DISA Command and Control Unit which handles all of the core
	10000-DOD	Block 2 (DISA)	\$65,125.00	electronics functions of the Wave Glider.
APU		Kit, Power Plug Bulkhead Connector		Includes bulkhead connector, wiring harness, and installation
	09956	Installation, v100/200/300 APU	\$450.00	hardware. Does not include the plug.
				1MPU equivalent APU. Includes expansion port cable (Souriau, 13-
	08087	Auxiliary Power Unit (APU), v300, Souriau	\$11,500.00	Pin, Male to Male, 1m)
Weather Station & Light Bar	09471	Kit, Mast, Tapered, ID 1in x 1m, Lightbar Cutout	\$1,125.00	Kit includes a mast and mounting hardware, less Loctite.
	11047	Visibility Mast and Airmar 200WX Weather Station, v300 Block 2	\$6,975.00	Includes a configurable Light bar, Airmar 200WX weather station, and 1m mast with fairing and Souriau connectors for v300 Block 2.
	09772	Kit, Airmar 200WX Weather Station	\$2,125.00	Kit includes Airmar 200WX weather station, thread seal (for mast mount), and sealing tape (for cable). Cable and mast are not included.
	11045	Kit, Programmable Light Bar v300 Blk 2	\$2,700.00	Replacement programmable light bar with cable.
	09169	Kit, Light Bar, 1in ID Mast, Souriau	\$2,700.00	Replacement light bar with cable.
Fasteners				Minimum order quantity: 10 RMA or Maintenance Training
	00068	Insert, Self Tapping, Titanium M5	\$11.00	Required.
Iridium			·	Upgrade that allows the resilient tracker to be properly set-up to
	10547	DISA Upgrade, Resilient Tracker	\$3,125.00	allow connection to DISA network.
		1 -		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.



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Please contact Liquid Robotics Customer Support if you have any questions at:

**Liquid Robotics - Customer Support Operations** 

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