

Seven Seas Sailing Logistics LLC
P.O. Box 955
Seward AK 99664

PAID



Sundog
Joe Law
5033 Sillary Cir
Anchorage AK 99508

Invoice # 2017139
Invoice Date March 11, 2017
Balance Due (USD) \$0.00

Task	Time Entry Notes	Rate	Hours	Line Total
Maintenance and repair	[Sundog 02/21/17] Removed misc & unused wiring. Drill holes for new switches/countersink. Release looming throughout large gauge electrical system. Temporarily install smart isolators.	45.00	4	180.00
Maintenance and repair	[Sundog 02/24/17] Routed house bank cables. Cut to length. Crimp & heat shrink ends.	45.00	1	45.00
Maintenance and repair	[Sundog 02/25/17] Attach house bank to charge controllers. Loom alternator & house cables. Replace burned out 200 amp fuse. Remove unneeded components & restructure house wiring layout. Temporarily wire in and test bilge pump.	45.00	1.5	67.50
Maintenance and repair	[Sundog 03/01/17] Gather tools & parts, haul down to boat.	45.00	1	45.00
Maintenance and repair	[Sundog 03/02/17] Install add-a-batt switches: Remove old switches & wiring. Measure & drill wood for opening for new switches. Cut, measure, drill & router uhmw panel for switch mounting. Install switches/panel flush mount.	45.00	6	270.00
Maintenance and repair	[Sundog 03/07/17] Remove 3 batteries from Starboard box. Replace with new start batt and wire in. Corrosion treat terminals. Remove 6 D battery from port side and contain leaking acid. Load all batteries into cart and haul away / dispose of leaking unit. Place new golf cart batteries in house bank box. Begin wire in process and build new cables as required.	45.00	3.5	157.50
Maintenance and repair	[Sundog 03/09/17] Reinstall port-side battery box and wire in start battery. Complete house bank wiring and build new cable for pos terminal. Troubleshoot loose wiring at helm. Trace wires repairing corroded connections as required. Label loose wires when identified. Build small cable for positive bus bar and power panel. Begin testing panel and systems for function. Loom main battery cables down port side stringer and screw/zip tie in place. Begin cleanup and prep for looming loose wires where tracing required removal of fasteners.	45.00	4	180.00
Maintenance and repair	[Sundog 03/11/17] Install new 40 amp breaker at bus bar, for webasto heater. Build new cable for power to unit.	45.00	6	270.00

Task	Time Entry Notes	Rate	Hours	Line Total
	Install grounding strap to starboard shaft.			
	Re zip tie port and Starboard wire groups above engines. Reinstall forced air ducting for heater.			
	Purchase parts to secure house battery bank as one unit and install.			
	Remove old battery charger, wire and unused parts. Cleanup.			
	Job complete, pending test run when freezing weather subsides.			

Item	Description	Unit Cost	Quantity	Line Total
Expense	[Sundog 03/11/17] Inventory reimbursement, Seven Seas: 40 amp Bluesea breaker/switch to replace broken one - Webasto heater.	57.00	1	57.00
Expense	[Sundog 03/11/17] Other Expenses, TrueValue Fishhouse	10.63	1	10.63
Expense	[Sundog 03/11/17] Inventory reimbursement, Seven Seas: 1' 6 ga wire 2 crimp ends Misc zip ties and screws.	20.00	1	20.00
Expense	[Sundog 03/09/17] Inventory reimbursement, Seven Seas: 1' 2/0 battery cable \$6 1' 6/0 battery cable \$4 4 copper crimp ends \$20. 5' 1-2" loom \$1.50 25 zip ties \$2 10 x 14 ga heat shrink crimps \$10 3' label maker ribbon \$5	48.50	1	48.50
Expense	[Sundog 03/07/17] Inventory reimbursement, 7 Seas: 3 feet 2/0 wire. 2x wire ends and heat shrink.	28.00	1	28.00
Expense	[Sundog 02/25/17] Other Expenses, Seven seas: 12' 1.5" loom 2 x 0 size cable ends.	22.00	1	22.00
Expense	[Sundog 01/16/17] Other Expenses, Seven Seas: Electrical switch & heat shrink connectors for Sundog	25.00	1	25.00
Expense	[Sundog 03/11/17] Inventory reimbursement, Costco anchorage: Batteries for Sundog	373.96	1	373.96
Sales Tax	Kenai Peninsula Borough Sales Tax (7% for first \$500.)	35.00	1	35.00


Total	1,835.09
Amount Paid	-1,835.09

Balance Due (USD)

\$0.00

Terms

Payable on receipt.

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