

Bluefin SandShark™ Mobilization Checklist

(To be performed when installing the AUV and its support equipment
on a ship in preparation for a cruise.)

Date:	Deployment:
Ship:	AUV:
Location:	Operator:

Vehicle Case Inventory

Quantity	Item	Initials
1	SandShark™ vehicle	
3	Rudder/elevator fins	

Support Equipment Case Inventory

Quantity	Item	Initials
1	Wireless router antenna	
1	Wireless router	
1	RDF beacon (optional, but recommended)	
1	UAT beacon (optional, but recommended)	
1	Vehicle power switching magnet	
20	Ballast weights	
.5 lbs	Foam	
1	Charging power supply	
1	Titan strap	
2	(Spare) Vehicle power switching magnets	
6	(Spare) Ortman keys	
1	(Spare) Propeller	
1	(Spare) Duct	
1	(Spare) Retaining Ring	
1	(Spare) Woodruff Key	
3	(Spare) Rudder/elevator fins	
1	(Spare) Vent screw	
1	(Spare) Dummy Plug	
1	(Spare) Shorting Plug	
2	(Spare) Connector Locking Ring	
2	(Spare) O-Ring Kit	
1	Tool Kit (See "Operator Manual: Appendix: Topside Equipment" for contents.)	

Communications Initials

Mount the wireless router in a mechanically-secure location and manner	
Power the wireless router	
Power the vehicle	
Power the operator computer, connect to the network, and launch the topside software	
Establish communications between the operator computer and the vehicle	

Vehicle Checkout Initials

Fully assemble the vehicle	
Perform a predrive checkout, including an in-water checkout	
(If necessary) reballast the vehicle dockside	

Interface with Ship Captain/Crew Initials

Establish communications channels to be used (VHF or other shipboard communications)	
Review ship's standard operating procedures with captain/crew	
Review AUV's standard operating procedures with captain/crew	
Perform test launch and recovery dockside	

Notes

Signature: _____