

AUV ACOUSTIC HOMING OPTIONS																	
Vendor	Model	Description	Contact	Status	Depth	Price (\$)	Angular Range	Freq	Accuracy	Range	Dia	Length	Dry Wt	Wet Wt	Power	Comms	Notes
Sonardyne	Scout deep USBL		Simon C Partridge [scp@sonardyne.co.uk]	Developing systems now that should be available this summer.		70000 estimated		Sonardyne MF band		4500m							They would like us to do testing in lieu of NRE. Will contact us regarding Xsense AHRS
Sonardyne	Type 7832 ROV Homer	Type 7832-000-01 ROV Homer, 4000m	Kim E Schuetzner [ks@sonardyne.com]	Quote Received	4000	7868 +duty	360 (only 10 deg is "in range")	35-55 kHz Sonardyne HF band	10 deg + left + right	750m	2.85	10.7	2.1Kg	1.3Kg		RS232	Uses type 7835 Mini Marker Transponders (\$4800)
Sonardyne	Type 7832 ROV Homer	Type 7832-000-03 ROV Homer, 12000m	Kim E Schuetzner [ks@sonardyne.com]	Quote Received	12000	14087 +duty	360 (only 10 deg is "in range")	35-55 kHz Sonardyne HF band	10 deg + left + right	750m	3.94	14.57	8Kg	5.8Kg		RS232	Uses type 7835 Mini Marker Transponders (\$4800)
Link-Quest	Deep TrackLink 1500I	Integrated USBL Acoustic Tracking and Communication System	Ning [support@link-quest.com]	Quote Received	4500m	65000	60 deg	31 ~ 43.2kHz	2 deg	1000					10W / 1.6W	RS232 9600	+\$12K NRE, but price includes transponder
Link-Quest	Deep TrackLink 1500I	Integrated USBL Acoustic Tracking and Communication System	Ning [support@link-quest.com]	Quote Received	4500m	94000	60 deg	14.2 ~ 19.8 kHz	2 deg	4000~5000					10W / 1.6W	RS232 9600	+\$12K NRE, but price includes transponder
ORE	Trackpoint 4440A		Dave Fraser [fraser@ore.com]	Electronics late spring, Hydrophone July-Dec 2005		25000 elec + 15000 h-phone											With NRE, we could speed Hydrophone devel
Sonatech	ATOAS	NS-031 LBL and USBL Transceiver	Richard Franklin [Franklin@sonatech.com] 805-690-5360	Willing to pursue if we want to, but no other current plans to pursue.	6000m	75000 for 2nd unit	?	7-9 kHz	0.5 deg	9000	22.3	91.2	54.4	20	63W / 18W	RS422	Sold 2 units 6 years ago -- is now obsolete. Expect \$25K NRE to get what we want. Not part of LMRS homing & capture.
Interocean	1120B transceiver	USBL Transciever		Ballpark Estimate Received Verbally		30000~60000											Want to adapt deck unit to underwater. May be large electronics