

APPENDIX XIV

AGOR 25

	LULU	ATLANTIS II	KNORR	ATLANTIS
LOA	105 ft	210 ft	279 ft	274 ft
Beam	48 ft	44 ft	46 ft	52.5 ft
Displacement	480 Ltons	2,300 Ltons	2,685 Ltons	3,250 Ltons
Crew	9	22	22	22
Science	9	22	22	22
DSV/Tech	9	9	13	13
Party	8	19	21	24
Generators (3)	150 kw	600 kw	1,780 kw	2,145 kw
Cruising Speed	6.5 kts	10.5 kts	12 kts	12 kts
Endurance	20 days	30 days	60 days	60 days
Range	2,000 mi	9,000 mi	12,000 mi	11,300 mi plus
Labs	1 van	4 labs	6 labs	6 labs
		1,031 sq. ft	1,981 sq. ft.	3,890 sq. ft.

This appendix contains 9 drawings of ATLANTIS (AGOR 25) outboard profile (Starboard) and deck layouts. This are available from the UNOLS Office

ATLANTIS (AGOR-25)

Schedule of Key Events

<i>Atlantis II</i> out of service	Sept '96
<i>Alvin</i> Overhaul	Sept '96 - Apr. '97
<i>Atlantis</i> (AGOR-25)	
Conversion Complete	Apr.'97
Arrive WHOI	5/6/97
DSOG Demo/Trails	5/20/97 - 6/3/97
Available for Science (Contiguous to USA)	June -Dec '97
Available for Science (unlimited)	>Feb '98

Other Equipment on Atlantis

Swath Bathymetry System / SeaBeam 2112
Bottom Profilers / 12 kHz, 3.5 kHz
Acoustic Positioning / Navetronix
ADCP / 150 kHz
2 Air Compressor / Price A-300
Dynamic Positioning System
IMET
Attitude Sensors (Roll, Pitch, Yaw) / ASHTEC + Hippy
P-Code GPS
Doppler Speed Log
Winches

- Markey DESH-5

- 10,000 m .322EM or 1/4" Hydro-wire
- Traction with Dual Storage Reels
 - Fiber Optic
 - EM
 - 9/16" Trawl wire

Cranes

- 2 Telescopic Cranes
 - 42,000 lb. lift capacity
- 2 Portable "Hiabs"
- 2,200 lb. lift capacity

AGOR 25/ATLANTIS II/ALVIN Schedule is shown in [Figure 7 of APPENDIX III](#)