



Deep Submergence Science Committee Report

Issues and Activities, 2004

DESSC Annual Meeting -
Spring Meeting -

Portland, January 2004
WHOI, May 2004



2004 ALVIN & ROV Scheduled Operations

Deep Submergence Group, Woods Hole Oceanographic Institution



		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		ALVIN											
MAINT	ENGINE	Schouten Fornari Tivey Seyfried	Kastner	Von-Damm	Lutz Tolstoy Shank	Detrick	Kelley Brown Hilton	McDuff	McLean	Voight	Hickey	Booksh Edwards	Cary
	DIVE	<i>Alvin</i> EPR	<i>Alvin</i> C. Rica	<i>Alvin</i> EPR	<i>Alvin</i> EPR	Non- <i>Alvin</i> JdF	<i>Alvin</i> JdF	Non- <i>Alvin</i> ABE JdF	<i>Alvin</i> Gulf of Alaska	<i>Alvin</i> Cal	Non- <i>Alvin</i> JdF	<i>Alvin</i> EPR	<i>Alvin</i> EPR
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		ROVS											
		Pockalny, Larson		Martinez			Chave	Reynolds		Reves-Sohn	Tivey		
		<i>Jason II</i> <i>DSL-120</i>		<i>DSL-120</i>			<i>Jason II</i>	<i>Jason II</i>		<i>Jason II</i>	<i>Jason II</i> ABE		
		<i>R/V Thompson</i>		<i>R/V Kilo Moana</i>			<i>R/V Revelle</i>	<i>R/V Revelle</i>		<i>R/V Knorr</i>	<i>R/V Knorr</i>		
		Easter Is		MAR			H20 Poc	Aleutians		MAR	MAR		
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC



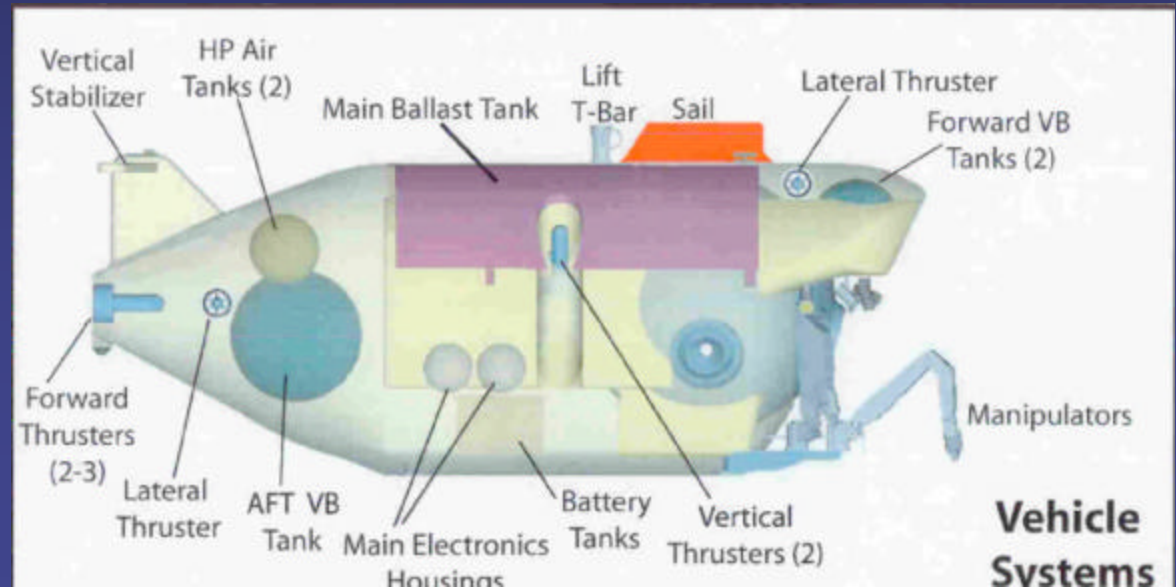
A new WHOI HOV announced at Portland DESSC



- Two phases, progress will be evaluated at the end of phase one (final sphere design and fabrication - 2005) and phase two (final vehicle fabrication and testing) will proceed based on the review.

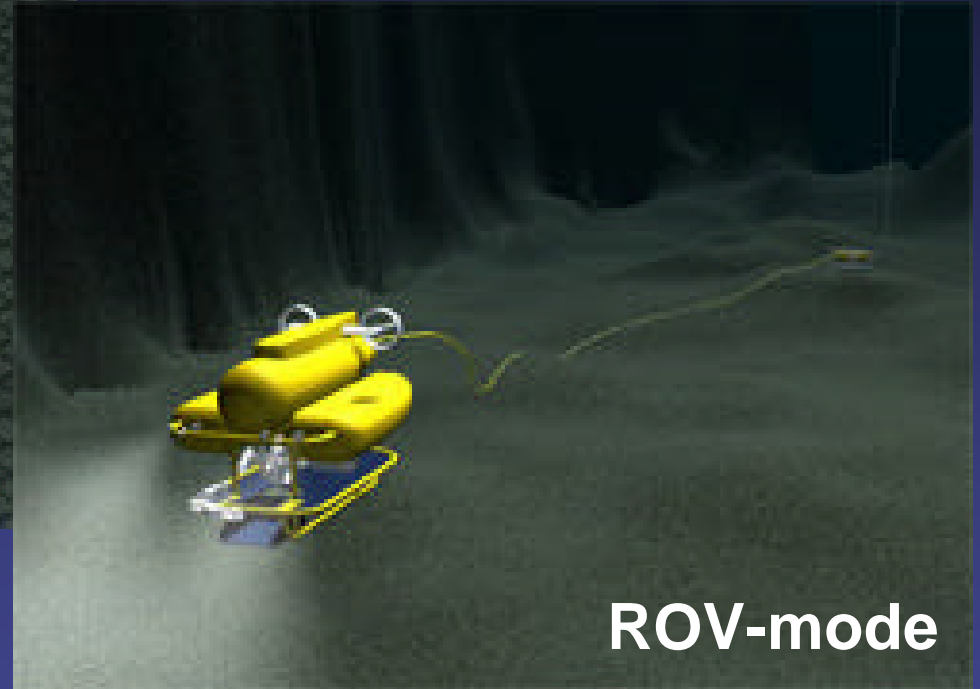
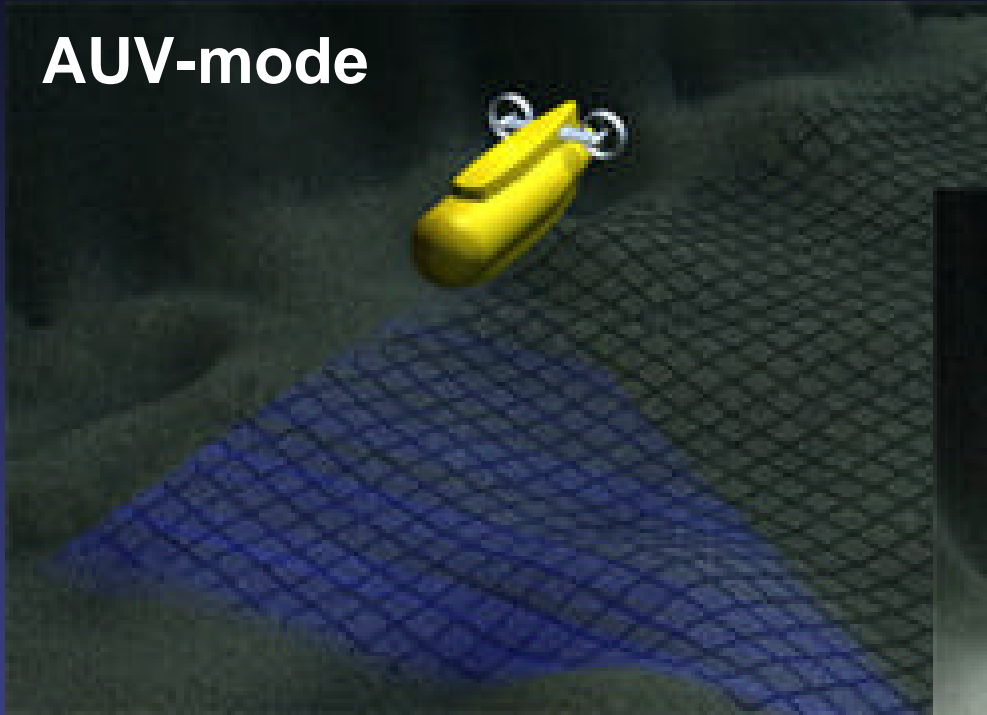
- Anticipated vehicle final assembly 2007 and testing/technical support in early 2008.

- Science programs to begin with new HOV in mid-2008



Also a new full-ocean depth capability HROV

AUV-mode



ROV-mode

Through the efforts of WHOI personnel and the funding agencies. Many thanks for their dedication of time, talent, and resources to making these new assets a possibility.

Thanks to the UNOLS Office



Kate Sawyer
Admin Asst.

Mike Prince
Exec. Sec.



Annette DeSilva
Assoc. Exec Sec.



Peter Wiebe, New Chair



DESSC Membership Changes

(DESSC has a total of 9 official members)

Members leaving the committee (5): P. Fryer (Chair, UH), R. Embley (PMEL), A-L. Reysenbach (PSU), W. Ryan (LDEO), T. Shank (WHOI)

Exofficio leaving: R. Pittenger, D. Fornari, S. Pomponi

Many thanks to the volunteers and nominees: Kang Ding (U. Minnesota) - G&G, Craig Cary (UDel) - Biology, Bill Chadwick (OSU) - MG&G, Neal Driscoll (SIO) - MG&G, Andy Fisher (UCSC) - MG&G, Richard Hey (U. Hawaii) - Geophysicist, Jeff Karson (Duke U) - Structural Geology and Tectonics, Miriam Kastner (SIO) - Marine Geochemistry, Ken MacDonald (UC Santa Barbara) - G&G, Jennifer Reynolds (UAF / NURP) - Geochemistry & Geology, Adam Schultz (OSU) - Geophysics, Seafloor Hydrology, Katy Scott (USF) - Microbiology, Louis Whitcomb (JHU) - Engineering, Scott White (U. of S. Carolina) - Geophysics, Volcanism, Tectonics, Craig Young (U. of Oregon) - Biology, Marsh Youngbluth (HBOI) - Biology, Mark Zumberge (SIO) - Geophysics

New DESSC Membership

Remaining on the committee (4):

D. Kelley (UW), D. Mindell (MIT), M. Chaffey (MBARI), and H. Edmonds (UT)

DESSC New Members (approved by the UNOLS Council, Oct. 14):

D. Kelley (Chair), J. Karson (Duke), W. Chadwick (ORST), J. Reynolds (UAF), K. Scott (USF), C. Young (UO)

New exofficio:

R. Detrick, M. Tivey - Ch. Sci. (Chris German after Jan. 2006), T. Shank