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R/V Atlantis 2006 FINAL Schedule

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11/27: Changed arrival date of Mullineaux 1st cruise from Nov. 17 to 18th.
 11/27: Updated number of dives on Mullineaux 2nd cruise from 10 to 12.
 11/23: Added day to Shank/Lutz cruise in Jan 07 for Fornari ISS dive.
 7/25: Moved Cormier 3 days from Von Damm in 2006 to Webb cruise in 2007.
 6/26: Changed arrival into Balboa to June 13 due to canal delay.
 6/24: Levin cruise will depart on the 10th to fuel.
 6/24: Changed arrival day for Von Damm EPR eruption cruise to July 7th (7 Dives).
 6/7: Changed # of dives on Mullineaux cruises.
 5/30: Atlantis will arrive Atl. side of canal, Cristobal, on June 11th. Tentative arrival at Balboa is June 12th, depends on transit through the canal. Science party will embark in Balboa.
 5/22: Ship will depart Galveston on June 5.
 5/17: Added EPR response cruise June 18th, 8 dives. Shifted other cruises later.
 4/19: Changed arrival day Jax -WHOI to April 4th.
 3/2: Added MMS days to NOAA-OE cruise, Added T. Shank to Jan 07 cruise.
 2/18: Added days for Luther in Jan 07.
 2/10: Changed Non-op days.
 2/7: Added 1 dive to Mullineaux Oct. cruise and changed number of dives on both cruises.
 2/7: Changed date of arrival into Jax shipyard to 2/7.
 1/18: Added transit from Jax shipyard to WHOI.
 1/17: Added maintenance days and transit to shipyard in Jax
 1/16: Changed day split Kelley/Booksh
 1/3: Added Becker cruise, JdF in Sept.
 1/3: Changed order of EPR cruises, beginning in Oct.

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CRUISE DATES	MAP INDEX/AREA/PURPOSE	P.I./INSTITUTION/PROPOSAL NO.	PORTS	DAYS/AGENCY/STATUS/CLEARANCE
01 JAN 17 JAN	NA6// Non-Op	Suchy, A./WHOI/	WHOI WHOI	17(Non-Op)/ Other/
18 JAN 31 JAN	NA6// CLIMODE	<u>Toole, J.</u> /WHOI/ OCE-0424865	WHOI WHOI	14/NSF/F
14 science. PI optimun dates 2/15/06, alternate 1/10/06. Load Jan 16, 17, Offload Feb 1.				

01 FEB 02 FEB	NA6// Maintenance Non-Op	Suchy, A./WHOI/	WHOI WHOI	2(Non-Op)/ Other/
In Port Maintenance				

03 FEB	NA6//	Suchy, A./WHOI/	WHOI	5(Non-Op)/

07 FEB Transit Jacksonville Other/
Transit to Shipyard in Jacksonville, 6-8 weeks in shipyard.

08 FEB NA6// Suchy, A./WHOI/ Jacksonvill 51(Non-Op)/
30 MAR Shipyard Jacksonvill Other/
6-8 weeks in Jacksonville shipyard.

31 MAR NA6// Suchy, A./WHOI/ Jacksonvill 5(Non-Op)/
04 APR Transit WHOI Other/
Transit Jax to WHOI.

05 APR NA6// Suchy, A./WHOI/ WHOI 14(Non-Op)/
18 APR Load Alvin WHOI Other/
In-port non-op. Load Alvin and prepare for certification dives.

19 APR NA6/Bermuda/ Walden, B./WHOI/ WHOI 4/NSF/F
29 APR Alvin Certification OCE-0513945 Bermuda Bermuda
/Bermuda/ Walden, B./WHOI/ 4/NOAA/F
Alvin Certification NA05OAR4301102
/Bermuda/ Walden, B./WHOI/ 3/NAVY/F
Alvin Certification N00014-01-1-0373

ALVIN Certification Dives and Trials. 11 days
Day 1 Depart Woods Hole for Bermuda
Day 3 Arrive Bermuda in time to enter St George's harbor
Day 4 Sail for 1st shallow dive
Day 5-6 Daily dives to increasing depths
Day 7 4,500 meter certification dive
Day 8-11 Clear certification survey issues and conduct science test dives
Day 12 Depart Bermuda in the afternoon of 30th for transit to science staging port

WHOI to Bermuda: 620nm 2.3 days.
April 5-18 port days at WHOI for loading Alvin.

30 APR NA6// Transit/WHOI/ Bermuda 5/NOAA/F
04 MAY Transit NA05OAR4301102 Key West
For Roberts NOAA/NURP. 1029 nm, 4 days +1 day depart/arrive

5, 6
07 MAY NA9/Gulf of Mexico/ [McDonough, J./](#) Key West 28/NOAA/F
02 JUN Alvin 14 Dives NOAA/0105CT39187 Galveston
NA9/Gulf of Mexico/ [Roberts, H./](#) 0/NOAA/F
Alvin 9 Dives LSU/NOAA-NURP/NOAA
/Gulf of Mexico/ Brooks, J./MMS/ 3/MMS/F
Alvin Dives 0105CT39187

3, 4
23 science, 4 transit, 4 port. NOAA-OE 28 days, Mineral Management Service 3 days. Chief Scientists: Chuck Fisher (cfisher@psu.edu) and Harry Roberts (hrober3@lsu.edu).

05 JUN NA9// Transit/WHOI/ Galveston 6/NOAA/F
13 JUN Transit NA05OAR4301102 Balboa
// Transit/WHOI/ 3/NSF/F
OCE-0504133

** Atlantis due to arrive Atl. side of canal, Cristobal, on June 11th.

Tentative arrival at Balboa is June 12th, depends on transit through the canal.
Science party will board in Balboa.
8 days total. Galveston to Colon (Atl. side) 1536nm, 5.82 days, 1 day for
Canal.

14 JUN NP13/Costa Rica Ridge/ [Hilton, D.](#)/Scripps Balboa 4/NSF/F
17 JUN Transit/Alvin 2 Dives /OCE-0242034 Puntarenas Costa Rica
2 science, 2 transit, in-port day on the 13th. Balboa to Hilton 460nm, 1.74
days, Hilton to to Puntarenas 70nm, .3 days. Personnel transfer 12hrs.
(*** Arrive Very Late on the 17th)

18 JUN NP13/EPR Eruption/ [Von Damm, K.](#)/UNH/ Puntarenas 21/NSF/F
07 JUL 7 Dives NSF San Diego

8

7 science, 12 transit, 1 port.

Dives:

1 - R2K infra-structure- FornariMullineaux from October.

2 - Shank/Lutz/Luther/Vetriani/Tolstoy from January 07.

2 - Sievert from 08 program

3- New NSF funded dives

18 June: Personnel transfer in morning, depart in afternoon after clearing
customs (Puntarenas to EPR 1139nm, 4.3 days.)

22 June: arrive on station in the evening

(EPR to San Diego 1553nm, 5.8 days)

9

10 JUL NP9/Eel River & OR [Levin, L.](#)/Scripps/ San Diego 23/NSF/F

29 JUL coas/Alvin 13-14 Dives OCE-0425317 San Francis

30, 31

Depart on the 10th to fuel. 13-14 science, 5 transit, 3 port, 1 day depart. SD
to South Sta (638nm, 2.4 days), South Sta to North Sta (234nm 1 day), N Sta to
San Fran (479nm, 1.8 days). Requested 3-6 months, ok with 2-4 months.

1, 2

03 AUG NP9/SoCal/ [Smith, K.](#)/Scripps/ San Francis 22/NSF/F

20 AUG 14 Alvin Dives OCE-0242472 Astoria

21, 22

14 science, 4 transit, 4 port (San Fran to Sta 182nm, 16hrs) (Sta to Astoria
700nm, 2.7 days)

23, 24

25 AUG NP9/JdF/ [Kelley, D.](#)/UW/ Astoria 12/NSF/F

11 SEP Alvin 10 Dives OCE-0426109 Astoria Canada

NP9/JdF/ [Booksh, K.](#)/ASU/ 10/NSF/F

Alvin 6 Dives OCE-0119999

12, 13

16 science, 2 transit, 4 port. 22 total. Days/Dives: Kelley 10, Booksh/Lilley

6. Sta to Astoria 295nm, 1.1 days.

14, 15

16 SEP NP9/JdF/ [Becker, K.](#)/U Astoria 10/NSF/F

21 SEP 4 Alvin Dives Miami/OCE-0400471 Astoria Canada

22, 23

4 science, 2 transit, 4 port. Astoria to site 1: 102nm 10hrs, Astoria to site
2: 202nm, 19 hrs.

 24, 25
 26 SEP NP9/Eel River Basin/ [Orphan, V./Cal](#) Astoria 8/NSF/F
 13 OCT Alvin 5 Dives Tech/MCB 0348596 San Diego
 NP9/N. Cal & OR coast/ [Levin, L./Scripps/](#) 13/NSF/F
 Alvin 8 Dives OCE-0425317

14
 13 science, 5 transit, 3 port. Astoria to North Sta (106 nm, 10 hrs). North Sta to South Sta (234nm, 1 day). South Sta to SD (638nm, 2.4 days). Levin 8 dives, Orphan 5 dives. Levin requested 3-6 months, ok with 2-4 months.

 15 OCT NP9// Maintenance/WHOI/ San Diego 7(Non-Op)/
 21 OCT Non-Op San Diego Other/

22, 23
 24 OCT NP13/EPR/ [Mullineaux, L./](#) San Diego 25/NSF/F
 18 NOV Alvin 14 Dives WHOI/OCE-0424953 Manzanillo
 /EPR/ [Bright, M./](#) 4/Other/F
 2 Alvin Dives U of Vienna/NA

19
 (* May/15: -1 dive to add to Eruption response) 15 science Mullineaux, 2 Bright, 8 transit, 4 port.
 SD to EPR (1561nm, 6 days). Needs 2-3 weeks between cruises 40 Days. Total 16 Dives.

 20, 21
 22 NOV NP13/EPR/ [Von Damm, K./UNH/](#) Manzanillo 19/NSF/F
 06 DEC Alvin 11 Dives OCE-0327126 Manzanillo

7, 8
 11 science, 4 transit, 4 port. SD to EPR (1561nm, 6 days). EPR to Manzanillo (573nm, 2.1 days).

 9, 10
 11 DEC NP13/EPR/ [Mullineaux, L./](#) Manzanillo 23/NSF/F
 05 JAN Alvin 12 Dives WHOI/OCE-0424953 Manzanillo

6, 7
 21 science, 4 transit, 4 port, 1 day arr/dep. 20 days in 2006, 10 in 2007. Needs 2-3 weeks between cruises 40 Days. 12 Alvin dives.

Agency	Funded	Proposed	TOTAL
MMS	3.0	0.0	3.0
NAVY	3.0	0.0	3.0
NOAA	43.0	0.0	43.0
NSF	211.0	0.0	211.0
Other	4.0	0.0	4.0
TOTAL	264.0	0.0	264.0
