

DESSC Meeting

Post Training Session – Survey

- 12 responses received

Research Interest/Discipline

- **MG & G/ Hydrothermal Vents**
- **Vent Microbiology**
- **Geology/Education (Repeat User)**
- **Vent Geochem,/MG&G aqueous geochemistry, instrumentation, observatories**
- **Microbiology**
- **Fisheries Acoustics**
- **Larval dispersal, benthic ecology**
- **Geology/geochemistry**
- **Seagoing Facilities Management**

1. Will the information presented during the training session assist you in the effective planning of future deep submergence research operations?

- Much of the material was review. Prefer to see this on the web.
- Since the systems are updated regularly, it is important to keep community (even regular users) abreast of what is possible.
- good intro
- Pre-cruise planning was very informative - even for veterans.
- You could easily fill 1 day w/training and 1 day
- Session provided helpful review of things learned on previous cruises & highlighted some of the new things NDSF folks are working to improve.
- Yes, this training session was useful -- HOWEVER, the day ran a bit too long.
- learned a considerable amount about upgrades and data processing

2. On a scale from 1 to 5, with 5 being "High Interest" and 1 being "Low Interest," please indicate the ranking that most accurately describes your level of interest in the presentation material.

	5	4	3	2
• Pre-cruise Planning:	5	4	1	
• Alvin:	5	2	2	1
• Jason2 ROV:	6	4		
• DSL-120A sidescan sonar:	2	1	4	2
• Synergistic Vehicle Systems:	4	4	1	1
• Sensor systems:	4	2	3	1
• Video systems:	5	4	1	
• Data Formatting:	3	2	4	1
• Data Products:	4	3	1	2

3. Was there enough time to adequately address the presentation material and allow time for questions and answers?

- NO = 8
- Yes = 3

4. Was the use of visual aids effective?

- Yes = 10
- Generally good PPT's - Would be nice if they are made available in a timely manner.
- For new users images of virtual van, navigation set up and instruments/ROV etc... are very valuable.
- Redundant - It would be more helpful to put the indiv. presentations re: Jason II, ALVIN DSL first, then review them and compare the capabilities, limitations, etc.
- Come up with a chart comparing Jason II,ALVIN, DSL-120, eg. - this would be a great reference handout!
- Need to spend a day on the material presented in the training maybe with time to meet or make appointment to talk to the vehicle team members
- Providing more video clips showing the vehicles performing tasks for a variety of investigators could inspire new scientists to imagine ways in which these assets could serve their specific research missions.

5. Please describe aspects of the training session that were most effective and informative.

- The discussions, rather than the lectures.
- Details of operations at sea
- Nested approaches (non NDSF assets) - ABE (always love to see Dana's data!) - HROV - Good luck - This is a WAY COOL TOOL!
- Timeline of ship scheduling was helpful - still confused about how some cruises are prioritized over others?
- Navigation was informative but deserves more time
- Andy's talk - Dana's was perfect amt & organization of info
- Expectations of scientists/pilots, etc. - communication - walk through the programs and navigation, etc.

5. Please describe aspects of the training session that were most effective and informative.

- The area of navigation was the high point to me and the offer by some of the teams to take guest scientists on missions as a training opportunity on a space available basis.
- Specific information on capabilities of their vehicles.
- Advice on pre-cruise planning. Informal recommendations.
- Description of ISIS and contrasts with JASON were interesting, including the prospect of USBL system for deep water.
- Having the key personnel present to discuss their areas of expertise--and to be available for questions--was a very good idea.

6. Please provide topic suggestions for future training session.

- An entire training session on navigation.
- Lots of good info was presented here, but mostly verbal - needs to be translated to the masses.
- Advantages vs. disadvantages to using one system versus the other,
- Costs of using each vehicle/day (comparison)
- Use scenario of a dive prep., loading of basket, launch, dive (synopsis), recovery to get a feel for the cycle-timing involved (for new users)

6. Please provide topic suggestions for future training session.

- Plug and play tools, interchangeable packages and tool development.
- Proposal writing - how you apply to use NDSF vehicles
- Would be extremely useful to new users.
- More on ABE.
- Providing more video clips showing the vehicles performing tasks for a variety of investigators could inspire new scientists to imagine ways in which these assets could serve their specific research missions.

7. How can future training sessions be improved?

- How to go about instrument development with NDSF vehicles
- They should be day-long decoupled from DESSC meeting.
- More time. Opportunity for hands-on, interactive use of "tools" (software)
- Include a handout (or just put on www for future reference) a glossary of terms - there are a lot of acronyms in our field!
- Better Advertise – Ad on AGU website - Recruitment - send out e-mail invitation to AGU student members?

7. How can future training sessions be improved?

- A longer session, preferably with some hands-on training in small groups, would be best.
- Sending notices to those who will use the vehicles in the next two years might be helpful.
- A follow-up on-line training session might be useful, if someone wanted to set it up.
- What we need in person is the advice on how to **USE** the vehicles, and what limitations and issues new users should think about. This part of the discussion and presentation was **MUCH** more useful than running through lists of system technical capabilities.

8. What future venues would provide good forums for NDSF training sessions?

- Fall AGU in San Francisco
- ISS Meetings
- Hawaii ASLO conference
- As regular sessions at AGU
- WHOI
- Schedule a session in a port w /a ship so that we could have small "break-out sessions" & actually go on board in the van to get hands-on training?
"Virtual van" at the Center for Exploration in Mystic, CT.?

8. What future venues would provide good forums for NDSF training sessions?

- Thermophiles meeting
- A similar presentation could be very helpful at specialty-discipline meetings, so long as a discipline scientist agrees to take the lead to organize the workshop.
- The Portland venue was superb - am happy to return there in future.
- Special meetings that are focused on seafloor science, especially deep water. An example for reaching biologists would have been the Deep Sea Biology Symposium in Oregon (Aug 2003):

9. Would you attend future training sessions of this sort?

- Yes = 11

General Comments

- It would be helpful to have 1-2 handouts available that a) list the DESSC meeting attendants (registered) w /their discipline/role/institution and b) a list of the names of the "key players" in DESSC/NDSF community
- Even though I'm not (yet) a user of NDSF assets, the info. (esp. on ops planning, interactions w/users, etc.) was very useful & applicable to HBOI operations. Thank you!
- This is an excellent first start to fine tuning this workshop. Needs to be streamlined for different audiences. Doing the workshop independent of the morning report session would be excellent for attracting new users to deep submergence science.
- I plan to request time with one or more of the vehicle in the future and would welcome the opportunity to join a cruise as a guest scientist.

General Comments

- My view is that one learns about these things from one's mentors or peers over a period of time - reading papers about what people have done with these and other vehicles. It would have been good to have had a list of important papers based on vehicle use in a variety of ocean science settings and a long list of consistent users.
- A number of people put significant work and time into preparing their presentations, and travel out to Portland. These members of the NDSF family deserve a 'well-done' and our thanks. I would urge that this effort not be discouraged by the relatively small numbers of attendees....but rather that we put our heads together to figure out the best way to bring this message to a larger audience, the next time we conduct one of these sessions.