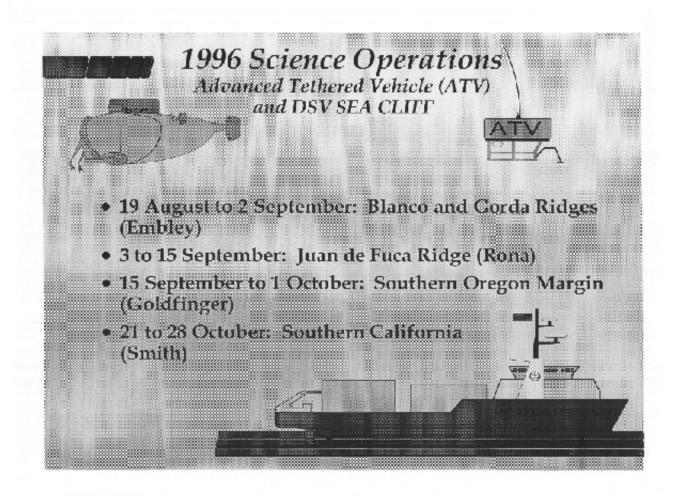
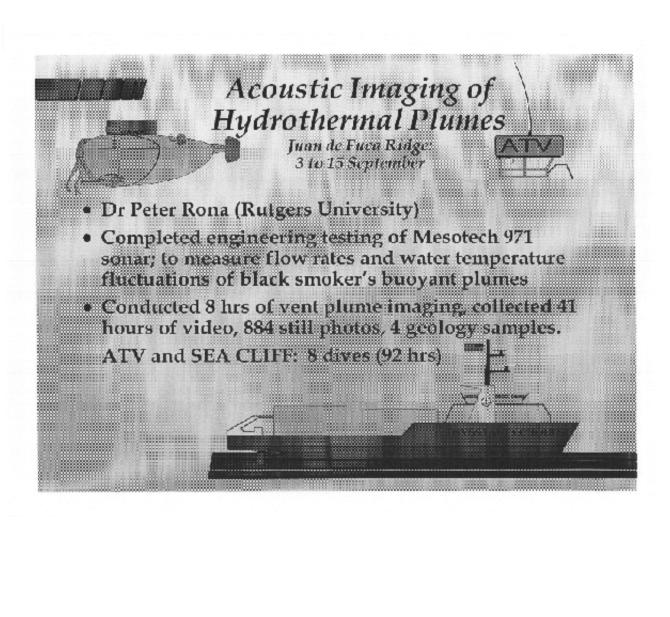
### **APPENDIX XX**

**Navy Development Group 1 - Report** 

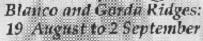


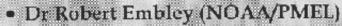
# Structural Observations of Faults Southern Oregon Margin 15 September to 1 October • Dr Chris Goldfinger (Oregon State University) • Investigation and documentation of strike-slip faulting mechanisms and super-scale slump processes. • Recovered 46 specimens, 88 hours of viden, 522 still frames, 56 hours of SEA BEAM

-ATV and SEA CLIFF: 11 dives (146 hrs



# Lava Flow Mapping and Sampling Blanco and Gorda Ridges: 19 August to 2 September

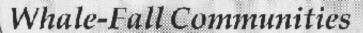




- Investigate various processes at Blanco Depression; lava mapping at Gorda Ridge
- 20 hrs of insitu heat flow and water chemical analysis (SUAVE), 32 still photos, 43 hrs video, 3 Niskin water samples, 3 titanium water samples, 6 tube core samples, 11 geological samples

ATV and SEA CLIFF: 3 dives (61 hrs)

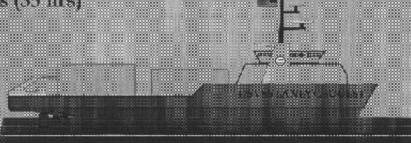




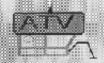
Calalina Basin: 21 to 28 October

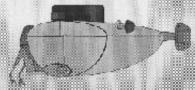


- Dr Craig Smith (University of Hawaii)
- Evaluated the community and population genetic structure of invertebrates associated with whale skeletons.
- Recovered 4 whale bones, 60 core samples, 23 hours of video recordings, 983 still frames.
   ATV: 4 dives (35 hrs)

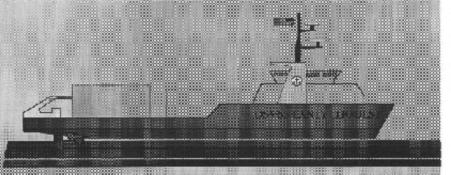


## Summary of Operations





- Total days on station: 25 days (9 lost to weather)
- Depth of operations: 2826 to 12,300 feet
- ATV and SEA CLIFF dives: 26 dives/333 hours
- Total hours of bottom time: 225 hours.



# Procent Military Operations Concurrent with Science Operations Coast Guard mishap investigation One high value R&D Recovery One air-mishap search (HC-130 in progress) International (NATO) DSRV Exercise: France Netherlands and Norway

