

APPENDIX III

ATLANTIS II VOYAGE 132 - LEG IX

DIVES 2940-2951

10 NOAA VENTS PROGRAM/2 NSF (M.K. TIVIEY)

JUAN DE FUCA

- NORTH CLEFT
 - NSF - RECOVER INSTRUMENTS...
 - CONTINUE VENT FLUID TIME SERIES
- COAXIAL
 - TIME SERIES CHEMISTRY AND BIOLOGY AT FLOC AND SOURCE SITES
 - GEOLOGICAL MAPPING AND SAMPLING OF YOUNG LAVAS AND HYDROTHERMAL ACTIVE FISSURE SYSTEM
- AXIAL VOLCANO - (1 DIVE)
 - REVISIT AFTER 7 YRS
 - +20°C (AVERAGE OF 4 SMOKERS)
 - BIG CHANGES IN MACROFAUNA

OTHER COMMENTS:

MESOTECH SURVEY - VERY USEFUL ANCILLARY TOOL AT VENT FIELD SCALE AND FOR MAPPING- SMALL STRUCTURES

ON BOARD GIS SYSTEM - USER FRIENDLY INTERFACE VERY USEFUL FOR DIVE PLANNING

This appendix also contains two bottom contour charts of the dive area.. These are available from the UNOLS office.