

87013
Rec'd JUN 3 1988
IN ADCRMSM
ZN ADSESM

Cruise Report Outline

1. Ship Name (Parent vessel if submersible used) / submersible name
R/V REDOUBT
2. Cruise number and leg (if any) REDOUBT 87-1
3. Parent project Branch of Risk Assessment
4. Funding agency Branch of Risk Assessment - Denver
5. Funding amount \$50,000.00
6. Contract number N/A
7. Contract start and end date ~~April 1 - 30, 1987~~
8. Area of operations Seattle Washington
9. Dates and ports, start and end of cruise Seattle to Seattle
10. Chief scientist Sam Harding
11. Names and affiliations of scientific party; ship's captain
Sam Harding Branch of Risk Assessment
12. Brief statement of purpose of cruise
Risk assessment nearshore Seattle
13. Brief statement describing navigation techniques
Loran C *GPS-Magnavox
14. Scientific equipment DFSV 24 channel streamer - 15 cu in & 80 cu in
water gun
15. Tabulated information:
Days at sea 20- 10
Kilometers of each type of continuous data 500 kms
Stations occupied (stationary and underway) L
Submersible dives (including dive number tapes in Denver
Station information:
Station number
Date of occupation
Latitude/longitude
Water depth
Sampling device (include dive number here)
Number and type of samples
Remarks
16. Page-size track chart

17-26
per nav. o/p

Sadeberg

APR 3 1987

PRECRUISE REPORT
(Optional Form)

__Preliminary

__Final

__4/2/87____Date

RDBT

1. Vessel NAME: R/V REDOUBT
2. Branch principal: Dave Nichols
3. Cruise area: Puget Sound, Lake Washington
4. Departure date, time, and place: 4/15, 0800, Univ. of Washington, Seattle
5. Return date, time and place: 4/30, 0800, Univ. of Washington, Seattle
6. Intermediate port call date, time and place: Many
7. List all cruise personnel (USGS and other): Sam Harding, BRA-Denver, Ben Huntley, Sea Lease, Mark Holmes, USGS.
8. Give purpose of cruise and types of data to be obtained:

 Fault and Geologic Assesment of Puget Sound area.
 Data: 24 channel Hi-Res Seismic
 15 Cu. in. watergun
 Bathy.
9. List major equipment or systems to be utilized:

 DFS V
 Water Guns
 Furuno
 Loran C 6000
10. Attach "REQUEST FOR APPROVAL OF OVERTIME":