Nichols 88013
Rec'd OCT 7 1988
IN ADCRM

Cruise Report Outline

1. Ship Name(Parent vessel if submersible used)/submersible name Polar Star
2. Cruise number and leg (if any) AR-1
3. Parent project
4. Funding agency USGS Menlo
5. Funding amount —
6. Contract number —
7. Contract start and end date —
8. Area of operations Chuckchi Sea
9. Dates and ports, start and end of cruise 8/30 nome DEPART 9/29 BARROW ARRIVE
10. Chief scientist ~~Grantz~~ (PMG) ART GRANTZ
11. Names and affiliations of scientific party; ship's captain (MR. P. R. TAYLOR)
12. Brief statement of purpose of cruise - To gather Digital Seismic Reflection And refraction DATA And to ground truth the Chuckchi Borderland AREA.
13. Brief statement describing navigation techniques GPS/LORAN C
14. Scientific equipment - DFS V, Airguns, Sono Buoys, SUS Charges, Piston core - Gravity core, Box core
15. Tabulated information:
    - Days at sea 28
    - Kilometers of each type of continuous data —
    - Stations occupied (stationary and underway)
    - Submersible dives (including dive number)
    - 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

~~Data~~? ALL in PMG

ART GRANTZ - PMG
LARRY Phillips - "
ERK Reimnitz - "
Jim VAUGHAN - "
John GANN - "
John Childs - "
Kevin O'Toole - "
Jeff STAMPER - "
Bill LA Fleur - "

Mike Mullen - Alaska Branch
DAVE DINTER - PMG
PAT HART - PMG
STEVE MAY - Alaska Branch
ALAN GAGNON - WHOI
Dave Nichols AMG