

UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

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An association of institutions
for the coordination and support
of university oceanographic facilities

UNOLS Office, WB-15
School of Oceanography
University of Washington
Seattle, Washington 98195

WEST COAST SHIP SCHEDULING GROUP Report of Meeting February 15, 1983

The West Coast Ship Scheduling Group met at the Grosvenor House, San Francisco, California on February 15. Attendees are shown on Attachment 1. All UNOLS operating institutions on the West Coast were represented and Captain R. P. Dinsmore represented the East Coast Group.

The meeting was called to order at 9:00 a.m. by Chairman John Martin. The meeting followed the agenda (Attachment 2).

1983 Schedules and Funding: Institutions reviewed their 1983 schedules and estimated operating costs. These reviews are summarized in Attachment 3.

Some schedules for 1983 remain provisional:

The latter portion of the MELVILLE schedule is not yet final pending final decisions from Division of Polar Programs and final coordination between MELVILLE and KNORR.

The ALPHA HELIX schedule is uncertain until decisions are made concerning the ISHTAR project.

Captain Dinsmore summarized East Coast schedules. He noted that ATLANTIS II/ALVIN would be operating in the Pacific from late 1983 through 1984. The ENDEAVOR will be in the Pacific operating mostly off Peru and Chile.

1984 Ship Use Requests: Summaries of 1984 Ship Use Requests were exchanged. The sum of requests represents a strong demand for ship time. However, since at this time many of the relevant science proposals have not yet been submitted and funding decisions have not yet been made, 1984 schedules remain tentative.

1984 Ship Schedules: On the basis of their provisional schedules, institutions provided their estimates of 1984 operating days and a projection of 1984 costs. These estimates are summarized on Attachment 4.

Estimated costs for the WASHINGTON are the product of the estimated days of operation in 1984 times the ship's daily rate for 1983. They are provisional.

The University of Hawaii currently plans to operate the KANA KEOKI in 1983 and the MOANA WAVE in 1984. Negotiations are in progress.

Ship Costs 1984: Estimated costs are summarized on Attachment 4. Costs are highly tentative at this stage. Anticipated funding from ONR and from other sources outside of OFS/NSF are indicated on the summary.

R. Rowland gave a summary report on USGS marine operations. The LEE worked in the South Pacific, Bering and on the Juan de Fuca system during 1982 and is now in shipyard. The ship may work near Hawaii, in the South Pacific and in Alaska waters in 1983/1984. The LEE is being equipped with an integrated navigation system.

The USGS has acquired the POLARIS II, a 145-foot vessel. The vessel is now operating off Florida and will operate in the Pacific late in 1983.

Long Range Plans: The group was alerted to future programs wherein large shiptime requirements, etc., might be anticipated:

ATLANTIS II/ALVIN will be in the Pacific from late 1983 into 1985,
STREX may require shiptime in 1985,
Nowlin-Reid have proposed Pacific work in 1985,
Division of Polar Programs work should re-occur in 1985-86, and
there may be additional Scotia Sea work.

Captain Dinsmore summarized wire and cable bulk purchasing, and noted kinds and quantities remaining in the pool. A recent message from K. Kaulum, ONR, concerning standardization of cable sizes (at diameter .322 inches) was distributed. Captain Dinsmore collected estimated cable requirements from the institutions represented.

Recommendations: The group discussed the timeliness of the receipt of ship time requests together with the timeliness of the submission of the relevant science proposals and funding decisions. The group agreed that much of that timing is beyond their control. They agreed, however, to try to establish consistent individual target dates for the submission of ship time requests and for the West Coast Ship Scheduling Group's first meeting each year:

Target for submission of Shiptime Requests - 15 February
West Coast Ship Scheduling Meeting - about 1 week later.

The UNOLS report Basic Minimum Scientific Support Capabilities for UNOLS Vessels: Supply, Operation and Maintenance, February, 1979 was discussed. It was suggested that the report's recommendations concerning equipment suites for UNOLS vessels should be updated and implemented. G. Shor, Scripps, suggested that workshops should be held, perhaps every two years, to review equipment recommendations and monitor adherence. The group concurred. This informal recommendation will be transmitted to UNOLS.

West Coast Ship Scheduling Group
February 15, 1983
Attendees

J. Frisbee Campbell, University of Hawaii
E. R. Dieter, University of Alaska
Brian Lewis, University of Washington
J. B. Watkins, University of Washington
K. M. Polfrey, Oregon State University
John Martin, Moss Landing Marine Laboratory
Gail Liragis, Moss Landing Marine Laboratory
Robert Carney, Moss Landing Marine Laboratory
Don Keach, University of Southern California
George Shor, University of California, San Diego - Scripps
Jim Williams, University of California, San Diego - Scripps
Robert W. Rowland, USGS
→ R.A. DiPasquale, UNOLS
William Barbee, UNOLS
Mitch Stebens, UNOLS

Agenda
West Coast Scheduling Group
February 15, 1983

1. Brief review of 1983 schedules and funding status
2. 1984 Ship Use Requests -- Please provide a summary of your ship requests (12 copies)
3. Develop tentative 1984 schedule
4. Ship Costs -- Rough estimate of your 1983 budget
5. Long range plans -- Remote areas, distant cruises, projects with extensive shiptime requirements 1985 and beyond
6. 1983-84 wire and cable requirements. The East Coast scheduling group will consider 1983-1984 requirements at their meeting on February 23, 1983. West Coast institutions should develop their requirements as input to the East Coast meeting.
7. Recommendations
8. Other business

At John Martin's request:

William D. Barbee

WDB:gm

Distribution: B. Lewis, University of Washington; J. B. Watkins, University of Washington; G. Shor, Scripps; D. Keach, USC; R. P. Dinsmore, W.H.O.I.; J. Martin, MLML (Chairman); T. Royer, U. Alaska; D. Dieter, U. Alaska; C. Miller, OSU; ~~Mary~~ Jo Gutierrez, OSU; J. F. Campbell, U. Hawaii; B. Robison, (UNOLS AC), UCSB; J. G. McMillan, NSF/OFS; T. K. Treadwell, TAMU; R. Rowland, USGS; D. Tollakson, ONR.

WEST COAST SHIP SCHEDULE
FEBRUARY 15, 1983

PROJECTED 1983 COSTS (\$K)
(FEBRUARY 15, 1983)

| SHIP | 1983 OP DAYS | NSF | ONR | OTHER | TOTAL |
|--------------|--------------------|----------|---------|---------|----------|
| MELVILLE | 273 | 2,289 | --- | 917 | 3,206 |
| WASHINGTON | 153 | 1,658 | 170 | 170 | 1,998 |
| NEW HORIZON | 224 | 1,184 | 105 | 184 | 1,473 |
| E.B. SCRIPPS | 171 | 284 | 110 | 55 | 449 |
| VELERO IV | 139 | 551 | --- | --- | 551 |
| CAYUSE | 165 | 293 | 29 | 157 | 479 |
| WECOMA | 260 | 1,565 | 204 | 63 | 1,832 |
| THOMPSON | 184 | 787 | 884 | 116 | 1,787 |
| BARNES/ONAR | 200 | 153 | --- | 10 | 163 |
| ALPHA HELIX | 180 | 1,515 | 65 | 120 | 1,700 |
| KANA KEOKI | 217 | 761 | 282 | 257 | 1,300 |
| MOANA WAVE | --- | --- | --- | --- | --- |
| TOTALS | 2,166 | \$11,040 | \$1,849 | \$2,049 | \$14,938 |

WEST COAST SHIP SCHEDULE
FEBRUARY 15, 1983

PROJECTED 1984 COSTS (\$K)
(FEBRUARY 15, 1983)

| SHIP | 1982 Costs (10/82) | 1983 Costs (PROPOSED) | 1983 OP DAYS | 1984 OP DAYS | NSF | ONR | OTHER | TOTAL |
|--------------|--------------------------|-----------------------------|--------------------|--------------------|---|---------|---------------------------------|----------|
| MELVILLE | 2,051 | 3,206 | 273 | 257 | 3,100 | ---- | DOE 220 | 3,320 |
| WASHINGTON | 2,515 | 1,998 | 153 | 321 | 3,576 | 613 | ---- | 4,189 |
| NEW HORIZON | 1,512 | 1,473 | 224 | 266 | 147 | 371 | DARPA 224 DOE 70 UC 1,050 | 1,862 |
| E.B. SCRIPPS | 405 | 449 | 171 | 142 | 321 | ---- | UC 53 | 374 |
| VELERO IV | 651 | 551 | 139 | 162 | 585 | ---- | NASA JPL 65 | 650 |
| KAYUSE | 480 | 479 | 165 | 170 | 300 | ---- | NOAA 15 MLML 135 | 450 |
| HECOMA | 1,578 | 1,832 | 260 | 265 | 1,670 | ---- | NOAA } DOE } 185 | 1,855 |
| THOMPSON | 2,224 | 1,787 | 184 | 315 | 1,925 | 375 | ---- | 2,300 |
| BARNES/ONAR | 134 | 163 | 200 | ---- | 142 | ---- | 8 | 150 |
| ALPHA HELIX | 1,250 | 1,700 | 180 | 197 | 1,700 | 100 | 100 | 1,900 |
| MOANA KEOKI | 1,276 | 1,300 | 217 | | | | | |
| MOANA WAVE | 1,192 | ---- | ---- | 250 | 1,170 (inc. 290 K Ocean drilling) | 290 | ---- | 1,460 |
| TOTALS | \$15,268 | \$14,938 | 2,166 | 2,345 | \$14,636 | \$1,749 | \$2,125 | \$18,510 |

A. COST FOR WASHINGTON ARE PROVISIONAL BECAUSE OF UNCERTAINTIES IN NUMBERS OF OPERATING DAYS, FUEL COSTS, ETC.

B. UNIVERSITY OF HAWAII CURRENTLY PLANS TO OPERATE MOANA WAVE IN 1984.