

Ship Scheduling Review Meeting
September 12 & 13, 2001
National Science Foundation
Board Room

DRAFT MINUTES

Due to the tragic events of September 11, 2001 with the resulting disruption of travel, the UNOLS Ship Scheduling meeting planned for Wednesday, September 12th was cancelled. However, since the UNOLS executive secretary, the SSC Vice Chair and funding agency representatives were stranded in Arlington, it was decided that a Scheduling Review meeting would be held in order to identify agency concerns and to update information on funding status. This information and any action items are included in these minutes for use by the schedulers.

The following people were present for all or part of the meeting: Mike Prince/UNOLS, Dan Schwartz/UW, Fred Rossmann/NOAA, Kenric Osgood/NOAA, Carrie Hadden/NOAA, Tim Pfeiffer/ONR, Elizabeth Brenner/SIO, Linda Goad/NSF, Dolly Dieter/NSF, Holly Smith/NSF. Jon Alberts/WHOI and Mike Rawsom/LDEO were consulted by phone.

Comments and action items noted during the meeting by ship name:

ALPHA HELIX:

NSF cruise for L. Clough is declined. Cruise for K. Faulkner will be scheduled for 2003 if funded. Need to determine with NSF program managers if Estes cruise should stay on ALPHA HELIX schedule. ONR project for Aagard should be shown as funded.

BARNES:

NSF/OPP project for Devol is declined. Investigate with NOAA regarding a potential Sea Grant project on Asian copepods.

BLUE HERON:

Cuhel cruise may require additional days if work is to be conducted in Lake Michigan.

CAPE HENLOPEN:

NSF cruise for Osborne/JHU will go in 2003 if funded. Sharpe cruise for 18 - 20 July is still pending, but will go in 2002 if funded. Sea Grant cruise for Lew Incze is double booked with WEATHERBIRD II. Due to PI preference for lower cost, this cruise should be removed from CAPE HENLOPEN schedule and remain on WEATHERBIRD II. All NAVO cruises are still pending and the East Coast Physical Oceanography cruises are double booked with CAPE HATTERAS and SEWARD JOHNSON. Delaware, Duke and Harbor Branch should attempt to divide this work up equitably. UDEL should check with Sujata Millick regarding the pending ONR/NRL project for Boyd. Verify number of days to be funded by NOAA for Sharpe, Summerfield, Kirchman and Badiay with Fred Rossmann.

PELICAN:

NSF cruises ok. The NOAA project for HARE is scheduled earlier than requested. There was a question about whether or not there should be a fourth cruise for D.Johnson/NRL. The shiptime request shows a cruise for

Dec. 2001 which does not appear to have been scheduled. Verify with ONR whether or not all requested cruises have been scheduled. All NAVO work is pending.

WALTON SMITH:

Check funding status of NSF project for Reid. Check and verify funding status of NOAA project for Jury. Provide more project information on Navy funded project for K. Fanning to ONR. NAVO projects are pending, project double booked with LONGHORN should remain on WALTON SMITH SCHEDULE.

*****Discussions regarding the ATLANTIS, THOMPSON, WECOMA and NEW HORIZON Schedules focused on finding solutions that would be acceptable to the GLOBEC program and allow for the Ocean Exploration ATLANTIS/ALVIN cruise, the Ropos cruise for EMBLY and the ARDENT/NAVY project for Weingart to all be scheduled within acceptable parameters.

A complete summary of considerations was sent to appropriate schedulers and program managers separately. These concerns include the following:

Timing of GLOBEC is tied to specific biological processes. GLOBEC cruises require multiple ships with almost 100% overlap at the correct time and with the correct spacing between two cruises. The GLOBE LTOP cruises must be scheduled around GLOBEC process cruises. EMBLY's ROPOS cruise and the Weingart cruise are more or less restricted to use of the THOMPSON. Weingart's cruise is a multiship cruise that is fixed in time. HOME cruises and Spiess cruises are restricted to the use of REVELLE. HOME is a multi ship, multi year program that is fixed in its schedule and affects the REVELLE and WECOMA schedule. Goldfinger, Johnson and Fisher all use the same OSU coring group and in the case of Goldfinger and Fisher, the same equipment. Johnson and Embly both require the use of the same sampler and technicians and cannot overlap. ATLANTIS and ALVIN are scheduled to go to the Gulf of Alaska for the month of July. The weather window for many of these cruises, in particular the ALVIN and ROV cruises is more or less limited to July through September.

ATLANTIS:

NOAA work for ALVIN in the Gulf of Mexico and the Gulf of Alaska is still pending and will not be certain until later this year. The GLOBEC cruise scheduled for Barth in August does not solve the problem of making enough time on THOMPSON schedule for Embly and Ardent and is not acceptable to GLOBEC unless a second ship could be scheduled during the same time period. A suggested alternative would be to schedule the JASON II test cruise and the Paul Johnson LEXEN cruise on the ATLANTIS. The drawback to doing this would be to delay the GLOBEC LTOP cruise for Huyer into early October. WHOI should also determine whether there is room in the schedule to move everything earlier by a week or so to move this cruise back into late September/Early October. Another consideration is that the OSU coring team is involved in the Goldfinger cruise on REVELLE, the Fisher cruise on MELVILLE and the JOHNSON cruise. Ideally these cruises will not overlap. The JOHNSON cruise should end prior to the start of the Fisher cruise currently scheduled to start on 31 August. Division of transits and number of days for NOAA cruises should be worked out with program managers. The Gulf of Alaska Ocean

Explorations cruise is currently planned for 30 operational (charge days) total.

THOMPSON:

Two schedules were presented, one which would cover both GLOBEC cruises but would result in having to choose between supporting Embly's ROPOS cruise or the ARDENT cruise for Weingart. The other schedule did not support GLOBEC at all. A compromise was proposed where Thompson would support the first GLOBEC cruise, the Embly cruise and the Weingart cruise. The Paul Johnson cruise and the JASON II test cruise would be shifted to ATLANTIS and the second GLOBEC cruise would be shifted to NEW HORIZON. This plan would meet most of the requirements of the GLOBEC program and allow all the other projects to be supported. The Embly ROPOS cruise will be supported for only 45 operational days and would be scheduled from Seattle to Seattle. The NOAA project for Bates may either be cancelled or reduced to 30 days and the cruise for Feely may not be supported. The loss and reduction of these NOAA funded projects will reduce the THOMPSON schedule to approximately 170 days. To balance the work load it is suggested that the JASON II cruises for Dunnebier and Garcia cruises currently double booked on the REVELLE and KILO MOANA be covered by THOMPSON. The THOMPSON would then continue west to Guam for the DSL-120 project for M. Tivey currently scheduled on REVELLE. This would result in a schedule of approximately 246 days and room at the beginning of the year for additional projects if needed.

KILO MOANA:

As noted above, the Dunnebier and Garcia cruises are double booked with the REVELLE after the recent change in the shiptime requests and the KILO MOANA schedule. Moving these cruises to THOMPSON will still leave approximately 180 days over six months on the KILO MOANA schedule and will allow for better scheduling of the November HOTS cruise. The July and August HOTS cruises are still not covered by any UNOLS vessels. KILO MOANA schedule should also leave room for warranty repairs.

REVELLE:

If needed to cover the August HOTS cruise, consider moving Goldfinger cruise earlier by going directly from Honolulu to Newport. This may create problems for the OSU coring team. The double booked Dunnebier and Garcia cruises as well as the M. Tivey cruise in Guam can be moved to the THOMPSON which will even out the work load and allow the REVELLE to return to San Diego for maintenance at the end of the year. This results in a 292 day schedule. The NAVO work is still pending and loss of this work would result in a 45 day hole in the early part of the schedule.

MELVILLE:

Sheppard work for New Zealand is still pending. One day added to schedule for demobilization of Forsythe either before or after Coale. Klein and following cruises may need to start later in order to prevent overlap of Fisher cruise with Johnson cruise and conflicts for OSU coring group. Scripps and WHOI need to check with PI's and OSU coring group to determine what the options are.

EWING:

Schedule Levander at the end of the year and coordinate with Seward Johnson cruise for Pecher. Confirm dates for cruise to be coordinated with ODP Leg 204 and coordinate Lizarralde cruise with SIO/NEW HORIZON. NEW HORIZON schedule has limited ability to move this cruise and that

should be taken into account. Stebeno cruise in the spring needs to start no later than May 10th. EWING is only covering one of the cruises for Stabeno in Alaska and the second cruise may have to use a Canadian vessel.

NEW HORIZON:

Lizaralde cruise needs to be coordinated with revised EWING schedule as much as possible. As part of the solution for supporting GLOBEC work, consider scheduling NEW HORIZON as the second ship for the July 17 through August 6 cruise in conjunction with WECOMA. Determine from PI's how the NEW HORIZON would be utilized and whether or not the NEW HORIZON should start from Newport before WECOMA or at the same time. Consider moving the NAVO cruise in July to SPROUL if funded in order to accommodate the timing of the GLOBEC cruise.

WECOMA:

All NAVO cruises are still pending. Check status of Baker project with NOAA program managers. A cruise for Bacon at the HOTS site is scheduled for August, however the shiptime request asks for cruises in February and June which are not scheduled.

KNORR:

NSF work ok. Alexander's ONR cruise is scheduled later than desired, but there does not appear to be an alternative.

ENDEAVOR:

NSF and NOAA need to determine whether or not D. Smith will be funded for a recovery cruise or a full turnaround cruise. There is a possibility that her cruise will be scheduled on the RON BROWN in which case it is questionable whether the cruise for Boyle should remain on ENDEAVOR Schedule. This needs to be coordinated between NSF, NOAA and URI.

OCEANUS:

Increase funded NSF cruise for Pickart to include 14 science days.

CAPE HATTERAS:

NAVO cruises are pending and the double bookings with CAPE HENLOPEN and SEWARD JOHNSON for the East Coast Phys. Ocean. cruises should be resolved with NAVO input. The level of support needed for Navy funded cruises for Gettrust and Boyd should be confirmed. Transits need to be settled. Schedule is for 1/2 year operation based on the assumption that a 1/2 year layup for refit can be accommodated.

SEWARD JOHNSON:

Navy cruise for Pennington is funded. Confirm funding status and level of support for Navy funded Venezia cruise. McLean NOAA Ocean Exploration cruise is still pending and number of days needs to be checked. A cruise for Pechner needs to be scheduled and coordinated with Levander cruise on EWING in mid November. Coordinate with LDEO.

SEWARD JOHNSON II:

Phinney is funded for two ship ops with SEWARD JOHNSON. McLean is still pending. Check status of Pomponi NOAA cruise.

WEATHERBIRD II:

Schedule ok. Keep L. Incze cruise if current plans and cost remain in

affect.

LONGHORN:

Remove the NAVO cruise that is double booked with WALTON SMITH. Other NAVO work is still pending.

POINT SUR:

All NAVO, CNMOC and ONR cruises are still pending final confirmation of funding status.

SPROUL:

Navy cruise for W. Hodgkiss should be shown as funded. Bishop NOPP cruise is funded with NSF as funding agency for shiptime. Funding status for J. Hildebrand Navy supported cruise should be verified. NAVO Cruises are pending.

SAVANNAH:

No comments

GYRE:

No comments

URRACA:

No comments

EDWIN LINK:

No schedule, in lay up or retirement

LAURENTIAN:

No schedule, retired from UNOLS service.

REQUESTS NOT SCHEDULE:

Bacon at the HOTS site in February and August.
Stabeno in the Bering Sea in the Fall.

DEFERRED TO 2003:

EWING: Penny Barton and Marcia McNutt

NEW HORIZON: R. Goericke/SIO

MELVILLE: H. Dick/WHOI, D. Blackman/SIO and L. Beal/SIO all near South Africa

REVELLE: P. Fryer/UH and G. Laske/SIO

KNORR: M. Tivey/WHOI (Atlantic Work)