defective manufacturing. Where no spares are available, as with the upper unit on THOMPSON, it takes 13 weeks for manufacture and delivery of replacement units. This presents an unacceptable situation. After receiving the results of the Glosten study a course of action will be recommended to ensure greater reliability.

Ship Inspection Program - Jack Bash reported that a contract has been let to Jamestown Marine Services to conduct the NSF inspection on the non-Navy vessels of the UNOLS Fleet. The first inspection has been completed on LAURENTIAN. This inspection went well. An aggressive inspection schedule is planned.

<u>White Paper on Crewing Requirements</u> - A contract was let to The Glosten Associates to study the impact of new regulations with respect to fleet operations and new ship construction. A preliminary presentation of this study is scheduled for the RVOC meeting in October.

<u>Interim Fleet Improvement Plan</u> - Chris Mooers provided the Council with a revised draft of the Fleet Improvement Committee Interim Fleet Improvement Plan. The Council was asked to review the document and provide feedback to Ken Johnson for finalization.

Long Range Issues - The Council opened discussion on long range issues that should be considered. These included the need to consider new construction, particularly with the intermediate ship class. This effort should get started after hearing the results of the Glosten study on crewing and admeasurement. There was expressed a need that our community become more pro-active on issues and take a greater advocacy role. It was also suggested that the community as a whole needs to get involved and have a greater understanding of the UNOLS activities. Forums at AGU and the Oceans Sciences meetings were suggested.

<u>UNOLS Brochure</u> - Plans to update the UNOLS brochure are in process. The format will be similar to the present format. Vicky Cullen, WHOI, who prepared the original brochure has agreed to put together the update. Suggestions for the update are welcome.

<u>Dues</u> - Jack Bash reported that the balance of UNOLS dues for 1996 was \$3,603.86. A total of \$1450.00 was collected for 1997. To date in 1997, \$1,300.00 has been expended leaving a current balance of \$3,753.86. The 1997 expenditures included \$100.00 to Hospice in memory of Marcus Langseth, \$1000.00 for a Marcus Langseth memorial and \$200.00 deposit on the 16 September evening UNOLS reception.

<u>UNOLS Council Slate</u> - Dennis Hayes, chair of the nominating committee, presented a slate for the Council elections. This slate is included as *Appendix XV*.

<u>Thanks to Out-going Council Members</u> - Dennis Hayes, Cindy Lee and Chris Mooers were thanked for their efforts on the UNOLS Council.

The meeting adjourned at 5:00 p.m.

NOAA/UNOLS MOU Signed - Immediately following the UNOLS Council Meeting, the NOAA/UNOLS MOU was signed by NOAA Director, Dr. James Baker and UNOLS Chair, Dr. Kenneth Johnson.

Appendices

APPENDIX I. Council Meeting Agenda

AGENDA UNOLS COUNCIL MEETING

Wednesday, 17 September 1997, 8:30 a.m. National Science Foundation, Room 1235 4201 Wilson Boulevard Arlington, VA

Call the Meeting: Ken Johnson, UNOLS Chair, will call the meeting to order at 8:30 a.m., 17 September 1997.

Accept Minutes of June, 1997 Meeting.

COMMITTEE REPORTS: Ken Johnson will provide a brief summary of the UNOLS Committee written reports and open the floor to a question/answer period. (Prior to the meeting, Committee Chairs submitted written reports for distribution to meeting participants.) Chairs will identify any important issues that need to be addressed further by the Council.

AGENCY and OTHER REPORTS: Reports from agency representatives on funding outlooks, facility updates, and special projects:

- Department of State Tom Cocke
- National Oceanographic and Atmospheric Administration CDR. Beth White
- National Science Foundation Don Heinrichs
- Naval Oceanographic Center Capt. Dieter Rudolph
- Oceanographer of the Navy Pat Dennis
- Office of Naval Research Sujata Millick
- United States Coast Guard CDR. George Dupree
- Consortium for Oceanographic Research and Education Capt. Daniel Schwartz

UNOLS ISSUES:

Science Mission Requirements for Central Pacific - Sujata Millick will provide the status on the Navy's plan for construction of a Central Pacific research vessel.

NOPA 2 - Dan Schwartz will give an update on plans and funding status for NOPA-2.

NOAA/UNOLS Cooperation - Ken Johnson will review the status of the NOAA-OAR/UNOLS Memorandum of Understanding.

UNCLOS Discussion - Tom Cocke will report on the potential impact of the U.S. decision not to ratify the United Nations Convention of the Law of the Sea (UNCLOS). Dan Schwartz will provide an update on CORE's study on this issue.

NOAA Fishery Needs - Ken Johnson will open a discussion on NOAA fishery needs.

ENDEAVOR/OCEANUS Discussion - Ken Johnson will open a discussion on his recent letter to Dolly Dieter regarding ENDEAVOR and OCEANUS in 1998, see Attachment 1.

Long Term Utilization of the UNOLS Fleet - Discussion on 1998 ship utilization and ship use projections for the future.

Consortia Membership Issue - Discussion on UNOLS Membership issues in relation to consortia.

Charter Review - Cindy Lee will report on the ad hoc committee plans to review the UNOLS Charter and Council structure.

SEA CLIFF Retirement - Sujata Millick will review plans for the future of DSV SEA CLIFF following its retirement from the Navy. Mike Perfit will review DESSC's recommendations regarding SEA CLIFF's future.

ATV Retirement - Bob Knox will summarize the ATV meeting discussions held on 16 September. Mike Perfit will report on DESSC's preliminary recommendations regarding the retirement plans for ATV.

Ship Scheduling Improvements - Jack Bash will report on the progress of the improvements to the UNOLS ship scheduling process.

AGOR Z-drive Thruster Status - Bob Knox and Dick Pittenger will review the latest status of any AGOR Z-drive issues.

Ship Inspection Program - Jack Bash will provide the status of the UNOLS Ship Inspection program.

White Paper on Crewing Requirements - Jack Bash will provide the status of the contract to The Glosten Associates for their efforts to address the impact of Coast Guard Regulations regarding crew size requirements.

Interim Fleet Improvement Plan (IFIP) - The revised Interim Fleet Improvement Plan as provided by Chris Mooers will be reviewed.

Long Range Issues - Identification of long range issues for UNOLS Council attention.

Application for UNOLS Membership - The New Jersey Marine Sciences Consortium has applied for UNOLS Membership. A copy of their application along with information about their consortium is included as Attachment 2.

UNOLS Brochure - Annette DeSilva will provide an update on plans for updating the UNOLS brochure.

UNOLS Dues - Jack Bash will provide an accounting report of the UNOLS dues budget.

UNOLS Council Membership - Dennis Hayes, Nominating Committee Chair, will present the slate of candidates for replacement of those Council members completing terms. The terms of Dennis Hayes, Bob Knox, and Cindy Lee are expiring.

Calendar for UNOLS Meetings:

MEETING	LOCATION	DATES
Ship Scheduling Committee Scheduling Review	Arlington, VA Arlington, VA	15 September 1997 16 September 1997
UNOLS Council	Arlington, VA	17 September 1997
UNOLS Annual	Arlington, VA	18 September 1997
RVOC	Woods Hole, MA	21-23 October 1997
RVTEC	Seattle, WA	27-29 October 1997
FIC	TBD	Fall, 1997
DESSC	San Francisco, CA	7 December 1997
AICC	New Orleans, LA	Jan/Feb 1998

Adjournment