

Appendix IX

FY 2000

- Agencies with NOPP budget submissions: ONR, NOAA, NASA
 - Total budget submitted is approx. \$18M (most of which would be committed to ongoing or specific projects)
- Other agencies have expressed interest (at highest levels) in supporting the Partnership Program in the outyears
- Three themes (NOPP 2000):
 - Processes & Prediction
 - Sensing & Systems
 - Sustainable Coasts & Coastal Presence

- Request to NORLC from Congressmen Saxton and Weldon - 8/98
- NORLC Report, “Toward a U.S. Plan for an Integrated, Sustained Ocean Observing System” (Nowlin/ Malone) - 4/99
- SecNav Danzig and UnderSec Baker letter requesting the next version from the ORAP - 5/99
- ORAP Task Team on Ocean Observations formed - 7/99
- CORE paper, “A National Initiative to Observe the Oceans: A CORE Perspective” - 7/99
- ONR and NOPPO support to ORAP Subcommittee
- New Report to be completed - 12/99

- **Initial NORLC Report is a useful first step**
- **Engage Broader Community concerning how best to proceed**
- **Issues to resolve**
 - **Management**
 - **Integration of present and future systems**
 - **Integration between coastal and open ocean systems**
 - **Relationship to international programs**
 - **Identify objectives, requirements and priorities**
- **ORAP accept responsibility for next step in developing a comprehensive plan**
- **Complete by end of the year (1999)**

- Robert Frosch, Harvard (Chair)
- Richard Anthes, UCAR
- Melbourne Briscoe, ONR
- Otis Brown, U. Miami
- Peter Cornillon, URI
- Frederick Grassle, Rutgers
- Molly Lutcavage, New England Aquarium
- Robert Knox, Scripps
- Eric Lindstrom, NASA
- Thomas Malone, UM HPL
- Robert Molinari, NOAA AOML
- John Orcutt, Scripps
- James Ray, Equilon Enterprises
- Michael Reeve, NSF
- Evan Richert, State of Maine
- Robert Weller, WHOI

- **Need for an Integrated Ocean Observing Strategy**
- **Examples illustrating the Needs:**
 - Ocean-atmosphere interactions and climate
 - Deep ocean and solid earth science
 - Ocean chemistry and the carbon cycle
 - The coastal zone
 - Biological dimensions

IWG

- **NAVY (Chair) - Steven Ramberg**
- **NOAA (Vice-Chair) - Stan Wilson**
- **EPA - Robert Menzer**
- **NSF - Michael Reeve**
- **DARPA - Edward Sheehan**
- **NASA - Eric Lindstrom**
- **USGS - S. Jeffress Williams**
- **OSTP - Donald Pryor**
- **OMB - Kim Newman**
- **USCG -Jonathan Berkson**
- **DoE -Michael Riches**
- **MMS - Kenneth Turgeon**

NORLC

- NAVY (Chair) - Richard Danzig
- NOAA (Vice-Chair) - D. James Baker
- EPA - Carol Browner
- NSF - Rita Colwell
- DARPA - Fernando Fernandez
- NASA - Daniel Goldin
- USGS - Charles Groat
- OSTP - Neal Lane
- OMB - Jacob Lew
- USCG - James Loy
- DoE - Ernest Moniz
- MMS - Tom Kitsos