

Appendix VII

NAVO Report

Metrics

	<u>1997</u>		<u>1998</u>
⇒ Ship days	393	⇒ Ship days	431
⇒ Funds	7.5M	⇒ Funds	7.5M
↳ Ships	6.2M	↳ Ships	6.6M
↳ Other	1.3M	↳ Other	0.9M
⇒ UNOLS Institutions	8	⇒ UNOLS Institutions	7
⇒ Ships Used	12	⇒ Ships Used	8

UNOLS 98 Planned Operations



CAPE HELOPEN	42 Days	Physical Oceanography
CAPE HATTERAS	56 Days	
WECOMA	15 Days	
PELICAN	24 Days	
REVELLE	135 Days	Gravity Survey
THOMPSON	60 Days	Gravity/Physical Oceanography
KNORR	19 Days	AUTEC Range update
NEW HORIZON	80 Days	SCORE Range update/Physical Oceanography

1998 UNOLS SHIP SCHEDULES - NAVOCEANO

10/17/1997

SHIPS	1998											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CAPE HATTERAS - Duke SE US Physical Oceanography				▲ 4/3							▼ 10/28	▼ 11/25
WECOMA - Oregon State NW US Physical Oceanography			▲ 3/12	▼ 3/25								
REVELLE - Scripps Gravity Surveys - PAC						▲ 5/28				▼ 10/13		
PELICAN - LUMCON GMEX - Physical Oceanography			▲ 4/2	▼ 4/14						▲ 10/2	▼ 11/9	
CAPE HENLOPEN - UDelaware MidLant US - Physical Oceanog.						▲ 5/27	▼ 6/15			▲ 11/1	▼ 11/21	
THOMPSON - UWash Gravity Surveys - PAC/Phys. O.				▲ 4/21		▼ 6/2				▲ 11/1	▼ 11/15	
NEW HORIZON - Scripps SW US - Physical Oceanog.						▲ 5/1	▼ 6/17			▲ 10/28	▼ 12/8	
R. GORDON SPROUL - Scripps SOCAL Bottom Samples NUWC				▲ 4/21	▼ 5/4							
KNORR - WHOI AUTEK Range						▲ 6/15	▼ 7/2					

ASW Improvement Program/UNOLS



⇒ **Pacific Fleet shallow water range**

- ↳ Mission need statement - CNO N8 Apr 94
- ↳ Top 4 priority on LANT/PAC consolidated top 10 list

⇒ **Score Range**

- ↳ Expanded requirement to include Amphibious Opposed Landing site
- ↳ Expanded instrumented shallow water weapons test range and diesel submarine simulation training area
- ↳ Increased emphasis on “choke point” scenarios including exercise assessment of tactics

⇒ **AUTEC Range**

- ↳ Hydrophone update, first ever replacement and upgrade (FY 98)

⇒ **Onslow Bay**

- ↳ Update entire range, priorities and requirements (FY 99)