

Naval Surface Warfare Center Panama City

Supporting Our Navy War-fighters

Mine Warfare



Expeditionary Maneuver Warfare



Operations in Extreme Environments



Naval Special Warfare



Supporting Military Readiness for Nearly 60 Years

The Naval Surface Warfare Center Panama City (NSWCPC) is the premier Naval Systems Laboratory in the Department of Defense, delivering superior technology and joint warfighter capability through research, development, test and evaluation (RDT&E) efforts. The work of the NSWCPC provides key support in the areas of:

- Mine Warfare
- Expeditionary Maneuver Warfare
- Operations In Extreme Environments
- Naval Special Warfare



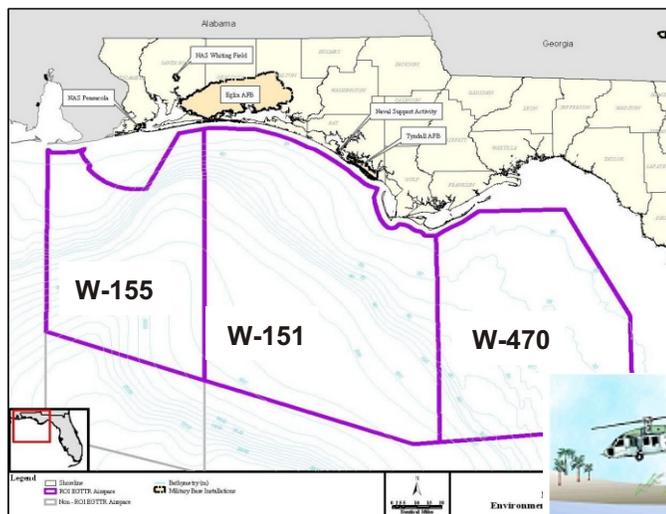
An Unparalleled Location for Testing and Training

Located on St. Andrew Bay, NSWCPC is not only renowned for its technical expertise, but also for the ready access to the shoreline and coastal waters of the Gulf of Mexico -- providing a unique and irreplaceable location for essential Navy test and evaluation activities.

NSWCPC Operations

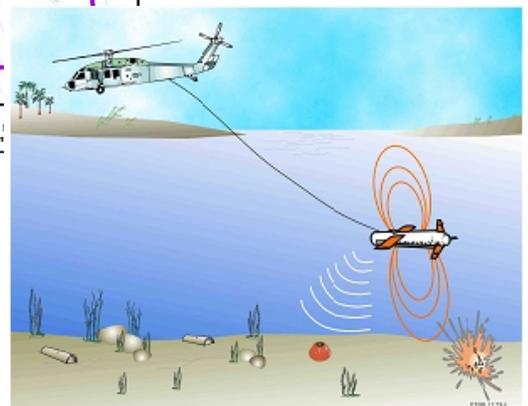
Today, the NSWCPC performs a range of RDT&E operations in its Military Operating Areas (MOAs) that includes adjacent bays and coastal areas as well as the wider Gulf of Mexico. Activities involve support surface ships and aircraft used for the RDT&E of underwater systems in a combination of operations that support seven primary areas:

- Laser
- Electromagnetics
- Detonations
- Air Operations
- Surface Operations
- Subsurface Operations
- Sonar



NSWCPC activities are conducted in the Military Operating Areas of W-155, W-151, W-470 and in the St. Andrew Bay area.

The figure on the right depicts a towed-body deployed by a helicopter, one example of the tests conducted in the NSWCPC military operating areas.



At A Glance



Naval Surface Warfare Center Panama City

The premier Naval Systems Laboratory in the Department of Defense, delivering superior technology and joint warfighter capability in littoral warfare. Mission areas include:

- Mine Warfare
- Expeditionary Maneuver Warfare
- Naval Special Warfare
- Operations in Extreme Environments

For More Information:

www.ncsc.navy.mil

or

www.ncsc.navy.mil/environmentinfo/default.htm
for information about an NSWCPCE
Environmental Impact Statement
underway

Part of the Gulf Community for Decades

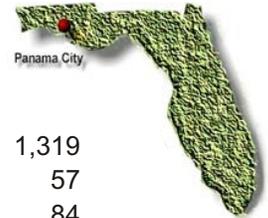
Formed during World War II, the NSWCPCE laboratory has evolved from a Mine Warfare Test Station and Naval Amphibious Training Base to a present day, state-of-the-art facility for support of the Navy warfighter. Through the decades, NSWCPCE has established itself not only as a pinnacle of technical leadership, but also as a strong member of the community, actively participating in civic and community issues, and supporting a thriving economy through job creation, contracting and more.

A Vital Community Partner

As active members of the regional community, NSWCPCE and the hundreds who work there, undertake a variety of activities and programs to support community activities and needs. NSWCPCE is particularly active through its School Enrichment Program to support science studies. Activities include:

- **KidsFest** -- An annual community event to promote science.
- **Dr. Science** -- A stage show geared to elementary students to bring the "magic of science" to the classroom.
- **Three Rivers Science and Engineering Fair** -- An event hosted by NSWCPCE since 1986, the program includes mentoring, supporting and judging this junior and senior level science competitions, with winners advancing to the Florida State Fair and beyond.
- **Shadowmakers** -- Providing a way to help students and teachers link their classroom learning to the "real world," NSWCPCE Panama City employees volunteer to have guests "shadow" them for a day or more.
- **Summer Student Program** -- The Gould Award, established in 1974, is presented to one graduating student at each of the three area high schools who has made great achievements in science. The award includes the offer of employment at NSWCPCE for eight weeks during the summer before they attend college.

A Vital Member Of The Community



Employing:

Civilian	1,319
Military	57
Non-Appropriated Contractors	84
(On Base)	<u>143</u>
TOTAL	1,603

Annual Payroll:

Civilian	\$ 84,801,100
Military	2,858,300
Non-Appropriated Contractors (On Base)	<u>2,477,800</u>
Subtotal	\$ 100,604,300

NSWCPCE Annual Contracts & Purchases:

Contracts & Other Purchases	\$ 190,360,000
Military Construction	<u>3,174,800</u>
Subtotal	\$ 193,534,800

Indirect Jobs Created:

GRAND TOTAL	<u>23,099,240</u>
	\$317,238,340



Annual KidsFest brings the fun and excitement of science to area youth.



NSWCPCE hosts the annual Three Rivers Science and Engineering Fair and mentors students throughout the year.

NSWCPC Commitment To Environmental Stewardship

Protecting Marine Life



The Navy conducts surveys of sea turtles and marine mammals before, during and after testing and training exercises.

Working With Those Who Share Our Dedication to the Environment

The base's Natural Resources Manager continually works with youth groups such as the Boy Scouts of America (BSA), providing challenges and opportunities for development of leadership skills. BSA Troops have helped to plant 250 Bald Cypress trees - important wetland trees - on the base.



Actively Protecting Wildlife



Efforts to enhance and protect beach nesting areas and habitats have resulted in a marked increase in the number of Least Tern nesting pairs on the base.

Examining Environmental Resources Naval Surface Warfare Center Panama City

Working to Preserve and Protect Our Natural Resources

The NSWCPC is situated in the magnificent Gulf Coast region noted for rich environmental, marine and cultural resources. A long-time member of the gulf community, NSWCPC is committed to environmental stewardship and devotes numerous programs and staff resources to conserving and protecting natural resources.

Environmental Impact Statement

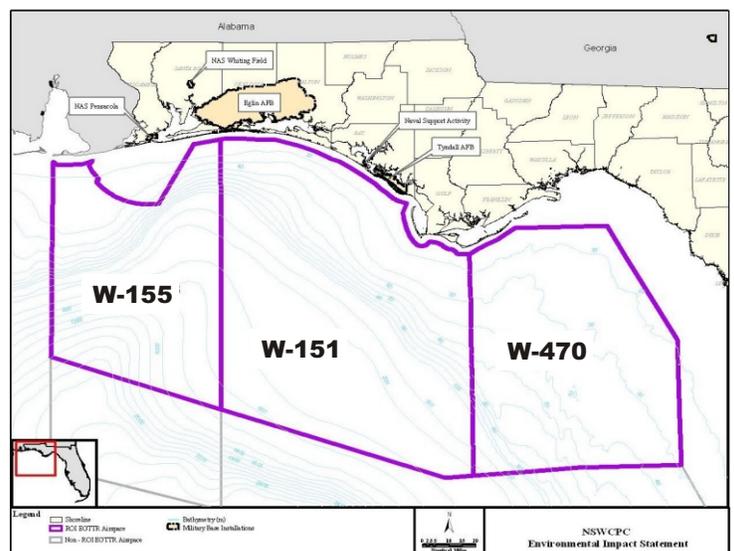
To fully assess the potential environmental impacts of its operations and proposed future actions, and to ensure that interested officials and members of the public are fully informed and involved, NSWCPC has begun a process to develop an Environmental Impact Statement (EIS). The purpose of this EIS is to objectively analyze and evaluate the potential for significant impacts to any environmental resource that could be affected by NSWCPC operations in the EIS Study Area (see map below), looking at a broad spectrum of potential environmental impacts including:

- Air quality
- Water resources
- Coastal zone management
- Threatened/endangered and protected species
- Fisheries
- Coastal/marine resources
- Noise
- Recreational and commercial/industrial activities
- Safety and occupational health and hazardous materials
- Air space
- Artificial reefs
- Cultural resources
- Environmental justice and risks to children



What Is Proposed?

In addition to the current RDT&E operations conducted in the EIS Study Area, the Navy proposes to improve NSWCPC capabilities to conduct new and increased mission operations for the Department of Defense and other users within the three military operating areas (W-155, W-151 and W-470) in the northern Gulf of Mexico, and in the St. Andrew Bay area.



NSWCPC Wants Your Input

NSWCPC understands the keen interest of agencies, officials, communities and other parties in the environmental protection of our Gulf Coast area and in the activities of the Navy in the region. We encourage all interested parties to take advantage of the information resources available as well as the opportunities to discuss and comment on this important topic.

Where to Find Additional Information

www.ncsc.navy.mil/environmentinfo/default.htm

Information Repository Sites:

Bay County Public Library
25 West Government Street
Panama City, FL 32401

Gulf County Public Library
Highway 71 North
Port St. Joe, FL 32456

Fort Walton Beach Public Library
185 Miracle Strip Pkwy SE
Fort Walton Beach, FL 32548

Pensacola Public Library
200 West Gregory Street
Pensacola, FL 32501

Scoping Meeting Dates and Locations:

Panama City, FSU-PC Auditorium
October 5, 2004 - 6-9 p.m.

Port St. Joe, Port St. Joe Elementary School Auditorium
October 6, 2004 - 6-9 p.m.

Contact:

Commanding Officer
Naval Surface Warfare Center
Panama City
Attn: Environmental Lead
Code XP01FE
110 Vernon Ave
Panama City, FL 32407-7001

850-609-3457

Research

Development

Test

Evaluation

Purpose of Proposed Action

A critical Navy mission is to successfully deploy worldwide naval forces equipped and trained to meet existing and emerging threats. To support this overriding need, NSWCPC must:

- **Enhance the capacity to meet littoral (shallow water) and expeditionary warfare requirements,**
- **Enhance the ability to operate jointly with other components of the armed forces, and**
- **Conduct more seamless testing, versus the segmented testing that often is necessary now.**



Alternatives Being Considered

Alternatives Being Considered			
	No Action Alternative	Alternative 1	Alternative 2
Sonar	410 hrs/yr	625 hrs/yr	719 hrs/yr
Laser	244 hrs/yr	351 hrs/yr	405 hrs/yr
Electromagnetic	155 hrs/yr	245 hrs/yr	281 hrs/yr
Detonations	3 dets/yr	23 dets/yr	26 dets/yr
Projectiles	50 rnds/yr	3,674 rnds/yr	4,226 rnds/yr
Line Charges	1 line/yr	2 lines/yr	3 lines/yr
Air Operations	416 hrs/yr	444 hrs/yr	511 hrs/yr
Surface Operations	2,279 hrs/yr	2,408 hrs/yr	2,769 hrs/yr
Subsurface Operations	266 MLOs/yr	322 MLOs/yr	370 MLOs/yr

No Action Alternative: *This addresses historic and current mission activities ("Baseline mission activities" or "Status Quo") at the NSWCPC operating areas.*

Alternative 1: *This addresses baseline mission activities, as well as known future (five year) NSWCPC users' activities, in order to increase NSWCPC operational capability. Alternative 1 enhances capabilities to meet future needs by incorporating new test capabilities as well as projected increases to the baseline tempo and intensity of RDT&E activities.*

Alternative 2: *This addresses baseline mission activities, as well as known future (five year) NSWCPC users' activities at an increased tempo, in order to maximize NSWCPC operational capability. Alternative 2 includes the test capabilities of Alternative 1 and increases the overall tempo of RDT&E activities at a notional 15% over Alternative 1.*

Your Input Is Appreciated

A critical component of the Navy's review of alternatives is input from interested agencies and the public. That's why the EIS process includes opportunities for public review and comment. The first opportunity is the scoping period during which agencies and the public can provide input to the Navy on environmental issues and alternatives for evaluation in the Draft EIS. After publication of a Draft EIS, the public and agencies are given the opportunity to review and comment on the findings and conclusions included in the document. The final two steps in the process include issuance of the Final EIS and release of a Record of Decision. For details on each of these stages, please visit www.ncsc.navy.mil/environmentinfo/default.htm, or see the contact information listed on this page.