NELP Celebrates 10 Years of Service

Program Evaluates Innovative Technologies and Management Strategies

For the past decade, the Navy Environmental Leadership Program (NELP) has been providing the Navy's environmental managers with the insights they need into the feasibility of incorporating innovative technologies and management practices into their programs.

Ten years ago, the Navy needed an organization to look at all elements of shore station environmental management including cleanup, compliance, pollution prevention, and stewardship of cultural and natural resources. As a result of this need, the Secretary of the Navy approved the establishment of NELP on 28 October 1993.

NELP was formed by the Chief of Naval Operations (CNO) Environmental Quality Management Board (EQMB) to find new and better ways to conduct the day-to-day management of environmental programs. With this in mind, CNO wanted east coast and west coast major Fleet installations with broad-based environmental programs to establish two NELP programs. Meeting the required CNO criteria, Naval Station (NAVSTA) Mayport, Florida and Naval Air Station (NAS) North Island, San Diego, California were designated as

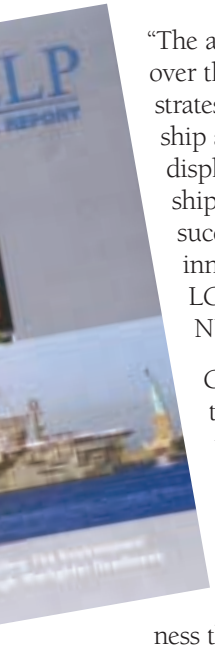
Solar Panels—a North Island Initiative.

Mobile Aircraft Firefighter Training Device.

the east and west coast NELP activities, respectively. Reorganization in 1994 changed NAS North Island to Commander, Navy Region, Southwest (CNRSW).

From the directive mandated by CNO, NELP's vision has been to:

- Evaluate new and innovative technologies and focused management strategies;
- Ensure implementation of those technologies and management strategies that demonstrate environmental and financial benefits; and
- Promote environmental training, awareness, and communication.



"The accomplishments of NELP over the last ten years demonstrates the strength of its leadership and teamwork. NELP displays environmental stewardship through its vision and successes as a test bed for new innovative technologies," said LCDR Joseph Campisano, NELP Mayport Officer.

CNO directed NELP to structure and manage individual programs at each Fleet installation. NELP Mayport established an organizational structure that supported its mission to support warfighter readiness through the identification, demonstration and communication of innovative ways to perform daily operations, minimizing the impacts on our environment and promoting environmental stewardship. The organization structure of NELP Mayport includes an Executive Steering Committee (ESC), Focus Group, NELP Manager and NELP Officer. The ESC chartered a Focus Group that includes members of select commands. The charter of the Focus Group is to expand the application of innovative technologies and focused management initiatives. Diane Lancaster, NELP Manager and LCDR Joseph Campisano, NELP Officer manage the NELP Mayport program out of the NAVSTA Mayport environmental office.

Arno Bernardo, NELP Coordinator, manages the NELP CNRSW program out of the environmental office at NAS North Island. NELP CNRSW selected a different but efficient organizational structure designed to maximize functional capabilities, while minimizing unnecessary controls and administrative costs. Their management team includes representatives from Commander, Naval Base San Diego, San Diego Publics Works Center, Naval Aviation Depot North Island, Supervisor of Shipbuilding Conversion and Repair San Diego, Southwest Division, Naval Facilities Engineering Command, and Commander, Navy Region Southwest.

NELP Mayport Executive Steering Committee Membership

NELP Mayport formed an Executive Steering Committee (ESC) to help guide the operation of the program on the east coast. The Commanding Officers of the following organizations are represented on the NELP Mayport ESC.

- NAVSTA Mayport
- Naval Surface Group Two
- Public Works Center Jacksonville
- Southeast Regional Maintenance Center Jacksonville
- Fleet Industrial Supply Center Jacksonville
- Naval Surface Group Two
- Carrier Group Six
- Cruiser Destroyer Group Twelve
- Afloat Training Group Training Group Mayport
- Supervisor of Shipbuilding Conversion and Repair Jacksonville
- Helicopter Anti-Submarine Squadron Light Wing Atlantic
- Destroyer Squadron Fourteen
- Destroyer Squadron Twenty Four
- Aviation Intermediate Maintenance Detachment Mayport
- Shore Intermediate Maintenance Activity Mayport

The ESC also includes a representative from Navy Region Southeast and the Florida Department of Environmental Protection.

Microturbines.

Air-Sparged Hydrocyclone Unit.

"The NELP CNRSW management team was established to initiate, coordinate, and monitor innovative projects and to ensure that NELP meets the directive mandated by CNO," said Arno Bernardo, NELP CNRSW Coordinator.

Another important element of CNO's mandate for NELP was for it to establish strategic partnerships with other naval commands, regulators and local communities to foster and maintain attitudes of openness and cooperation. The forming of strategic partnerships was to also provide resources in finding new and innovative technologies that have broad Navy-wide application. These technologies are intended to accelerate compliance and cleanup and reduce costs. In following the CNO directive, NELP Mayport has combined efforts with strategic partners like the Naval Facilities Engineering Service Center (NFESC), Fleet Assistance, Support and Technology Transfer (FASTT) Team, Naval Air Warfare Center (NAWC)—Lakehurst, Canadian Defense Ministry, Naval Surface Warfare Center (NAWC)—Carderock, Air Force Research Lab (AFRL), the Pollution Prevention Equipment Program (PPEP), Atlantic Marine Inc., the City of Jacksonville, Florida, and the Federal Network for Sustainability.

"With the cooperation of strategic partners, we have been able to install innovative and useful technologies to help Sailors do their jobs better, faster and cheaper, while reducing the use of hazardous materials," said Diane Lancaster, NELP Mayport Manager. "By working together, we have also been able to increase resources and eliminate the duplication of effort."

Like its east coast counterpart, NELP CNRSW has also formed strategic partnerships. They have partnered on projects with the Naval Facilities Alternative Restoration Technology Team (ARTT), the Naval Facilities Engineering Service Center (NFESC) Port Hueneme, the Space and Naval Warfare (SPAWAR) Systems Center in San Diego, the San Diego Regional Clean Fuels Coalition, and the U.S. Environmental Protection Agency (EPA) Superfund Innovative Technology Evaluation (SITE) program and the Technology Innovative Office (TIO).

Forging partnerships and building on those established relationships has allowed NELP to maintain the Navy's commitment to environmental excellence and provide successful environmental initia-

tives for evaluation at both Fleet installations. NELP Mayport has evaluated a wide range of initiatives with a focus on pollution prevention (P2), cleanup and compliance. Some of their achievements include:

- the Air-Sparged Hydrocyclone (ASH) Unit,
- the Improved Stenciling and Marking System (ISMS),
- the Model Shore Intermediate Maintenance Activity (SIMA) Project,
- the Mobile Aircraft Firefighter Training Device (MAFTD),
- the Fuel Handling Computer-Based Training (CBT),
- the Aqueous Film-Forming Foam (AFFF) Demonstration,
- the Oil Spill Prevention Quality Management Board (QMB),
- the "One Call Hauls All" Wastestream Reduction Program,
- the Chloride Detection Kit,
- the Shipboard Environmental Awareness Video,

Stenciling System.

- the Water Jet Paint Removal Systems, and
- the Warning Placards at Lift Stations for Aqueous Film-Forming Foam (AFFF).

On the west coast, NELP CNSRW has established environmental compliance programs and focused management practices that are primarily committed to finding better ways to manage chemical materials and energy resources. Some of the successful new technologies and management initiatives NELP CNRSW has evaluated include:

- The Photovoltaic Solar Electric System,
- Alternative-Fueled Vehicles,
- Envirogen Biotrickling Filter,
- Thermal-Enhanced Soil Vapor Extraction,
- Paint Freezing,
- Closed-Loop Wash Rack,
- Plastic Pier Pilings,
- Microturbine Power Generation,
- Powder Coating,
- Waterless Wash Process,
- Reductive Dechlorination,
- Solar Powered Skimmer Pump,
- Stormwater Catch Basins,
- Ergonomics Pilot Study,
- Resource Efficiency Management (REM), and
- Fitch Fuel Catalyst Pilot Study.

Through its accomplishments over the last ten years, NELP has charted a course for future successes that support the directive set forth by CNO in 1993. With continued joint efforts of the Naval Environmental Program stations, supportive management teams, strategic partners, and Fleet volunteers, NELP will identify innovative technologies that will improve the life of Navy commands, communities, and the Fleet for the next ten years and beyond. ⚓

CONTACTS

Diane Lancaster
Naval Station Mayport
904-270-6730, x-208
DSN: 960-6730, x-208
DLancaster@nsmayport.spear.navy.mil

Arno Bernardo
NRSW San Diego
619-524-6332
DSN: 524-6332
Bernardo.Arno.V@asw.cnrsw.navy.mil