



# ITACS

## Information Technology and Communications Services

Naval Postgraduate School, Monterey, California

### Technology News

### June 2005

NPS sponsored the **Navy Higher Education Information Technology Consortium (NHEITC)** from June 13-16<sup>th</sup>. Admirals Rempt and Dunne spoke to CIOs from the **US Naval Academy**, the **Naval War College** and the **Naval Research Laboratory**. The group visited HP and IBM sites, listened to many presenters whose topics covered a broad spectrum of information technology, and discussed shared issues and challenges. The CIOs agreed that they would meet annually with their leadership to brief progress.

**Major Arick McNeil, DLI CIO**, will host DLI web servers at NPS, which will allow DLI to access greater bandwidth than is currently available. NPS will provide physical hosting space within the Network Operations Center. This agreement marks an initial collaboration between NPS and DLI to share the cost of state higher education network access.

All of the **Learning Resource Centers (LRC)** were re-imaged during the June break. This involved a complete reformatting of the system's hard drives.

With the cooperation of **Judit Sedillos** and the Dudley Knox Library, the **BOSUN** catalog system on the server **LIBRA** was upgraded on June 21<sup>st</sup>. That same day, the **DNS** servers ern1 and ern2 on the .edu network were re-configured to provide mirrored disk capability, which allows a more robust hardware configuration for this essential service.

The **Sonexis** system and the **Veramark** phone system capabilities for conferencing and report generation were upgraded on June 22 and June 28, respectively.

One June 21<sup>st</sup>, the migration of the operational circuits of **DBIDS** (the defense biometric identification system, which includes the Common Access Card) from NPS and DMDC onto the Monterey Peninsula DoD-Net was completed, improving markedly both the speed and the reliability of the access control system's communications.

**Dave Wennergren, DoN CIO**, will visit NPS on July 19<sup>th</sup>. Mr. Wennergren will address NPS faculty, staff and students at the Secretary of the Navy Guest Lecture and will speak at Susan Matusiak's Information Professional Senior Officer Course that evening.

On June 7<sup>th</sup>, **Hank Hankins** gave a presentation to the **Graduate School of Business and Public Policy**, outlining the transition to the **Education and Research Network (.edu)**.

Members of the **Corporation for Education Network Initiatives in California (CENIC)**, the state's higher education network, are establishing network performance test and monitoring stations on high performance research (HPR) connected campuses. NPS will bring up network performance test and monitoring servers when the HPR connection is ready.

As a result of a research project led by Dr. Alex Bordetsky, associate professor in Information Science, ITACS is exploring connectivity options with **Lawrence Livermore National Laboratory**.

The **Network Operations Center (NOC)** team cutover to the new **Cisco PIX 535** firewall on June 23<sup>rd</sup> was completed in 15 minutes, and full services were restored within 90 minutes. The new firewall provides the same access as the former Symantec firewall, but is capable of 500,000 concurrent connections, is deployed with fail-over capability that provides concurrent connections through automatic, stateful synchronization, and provides Cisco Client VPN availability to NPS users.

**CSUMB** hosted the Wireless Community and Mobile User Conference from June 1-3. **Dr. Alex Bordetsky** presented *Sensor-Unmanned Vehicle Networks for HLS and Humanitarian Operations*. **Brian Steckler** and **JP Pierson** presented *Hastily-Formed Networks – NPS Response to December 2004 Tsunami in Thailand*.

The **Remote Solutions** page details various ways one can work from a remote location, and includes information related to VPN, Citrix, Dialup Access, and more – all from a single location. See the link: <http://www.nps.navy.mil/Remote/index.html>.

The **President's Electronic Suggestion Box** was revamped, increasing the reliability of email delivery, and timeliness of responses. The update also provides archiving capabilities for all previous years. <http://intranet.nps.navy.mil/Code00/SuggestionBox/index.html>.