Monterey Bay DoDNet

Equipment to establish DoDNet has been configured and installed. Summer schedules and repairs to the **fiber optic** ring infrastructure have slowed progress, but discussions of operations and maintenance sharing are underway. ITACS' staff member **Daryl Williams** has been selected as the primary person to configure and maintain the network equipment. Daryl is enthusiastic about the joint project, and brings experience with both voice and data communications to the task.

NPS telephone and data circuits between the main campus and the Annex will be configured and tested in mid-July, with migration of partner circuits to follow.

Barracuda Spam Firewall

NPS's **Barracuda Spam Firewall** was phased into production over the June break. NPS users are training the spam firewall during this initial period of operation, by going into their personal quarantine space and marking mail for blacklisting, delivery, deletion or whitelisting. The Barracuda, ranked first place in two recent Industry spam-control comparisons, is handling an average 23,000 incoming messages daily from the Internet, of which 8% are quarantined for user action. An average 450 viruses are blocked every day.

Mainframe Upgrade

Work is underway to move all **zVM** production systems from the current IBM 390/9672-R24 mainframe to a new **IBM z800 Model 2066-OEZ1** mainframe. The work should be completed by the end of summer. Two operating systems, zVM and OS/390, have shared the old mainframe for 7 years. Rather than upgrading to a single new mainframe, ITAC's **Jim Hart** analyzed costs and capabilities, and found significant saving in purchasing two smaller mainframes, each running one operating system. The second new mainframe will be a **z890 Type 2086-A04** for OS/390. This 3-CPU, 130 MIPS, 64-bit operating system will be received this fall. Migration from the old OS/390 system will take 6-9 months, since all operating system and OEM vendor products must be assembled, linked and installed fresh.

50th Anniversary Symposium

A one-day symposium on **27 August 2004** will honor the 50th anniversary of computing at NPS. **"The Next 50 Years of DoD Computing"** will feature **Dr. J. Mark Pullen**, , Director, Networking and Simulation Laboratory, C3I Center, George Mason University, and **Dr. Robert Kahn**, Chairman, CEO and President of the Corporation for National Research Initiatives (CNRI), which he founded in 1986 after a thirteen year term at the U.S. Defense Advanced Research Projects Agency (DARPA).

Douglas G. Williams, founding director of the W. R. Church Computer Center at NPS, **Barry Frew**, NPS's first CIO, and **David F. Norman**, recently retired Associate Provost for Information Technology, will take a look back at computing at NPS, 1953-2003, in a morning session.

Afternoon speakers will include NPS alum **Gordon Eubanks**, who is now the President and CEO of Oblix; **Greg Papadopoulos**, VP and CTO of Sun Microsystems; **Karl Triebes**, CTO of Foundry Networks; and **Christopher Jehn**, VP of Government Programs, Cray Inc., all looking at trends and discussing the future of technology in their areas of expertise.

VIP Visits

On July 8, **Dr. Christine Cermak** attended a regional meeting sponsored by the **Monterey County Economic Development Commission** to promote local higher education and research. **CSUMB** will host a website with information about County higher education and research institutions, showcasing their curricula and research initiatives.

Dr. Emil Sarpa, of the Sun Education Products Division, spent 9 July on campus hosted by **Dr. Christine Cermak**. He met with **Drs. Dave Netzer, Rudy Panholzer, Mary Batteen, Cynthia Irvine, Doug Brinkley and Don Brutzman,** who demonstrated some of the projects now in development at NPS.

Dr. Julie McClean, chair of the NPS HPC Committee, presented a proposal to establish an HPC program here at NPS. The program is being supported by **Dean of Research Leonard Ferrari** and **CIO Christine Cermak**. A technical staff position has been funded to support HPC research on campus. For more information, please contact Dr. McClean.

DoN CIO Dave Wennergren was at NPS on 21 July for executive briefings. He is invited to speak at the 50th anniversary symposium in August, as well.