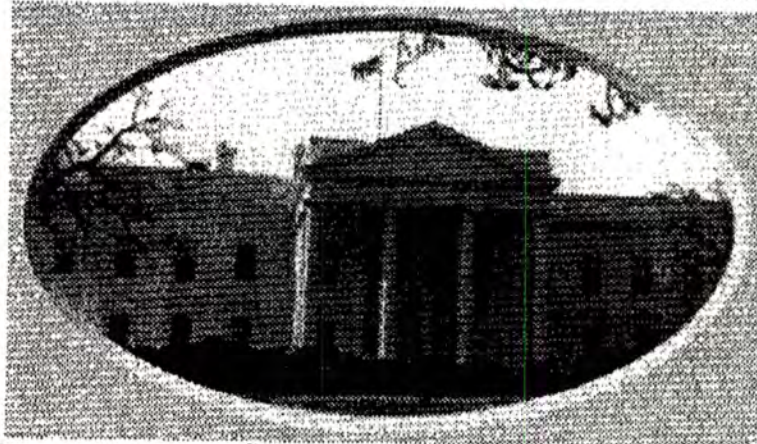


file DOD Family  
Issues

## **Welcome To The White House/DoDEA**



### **Courseware Development Program**

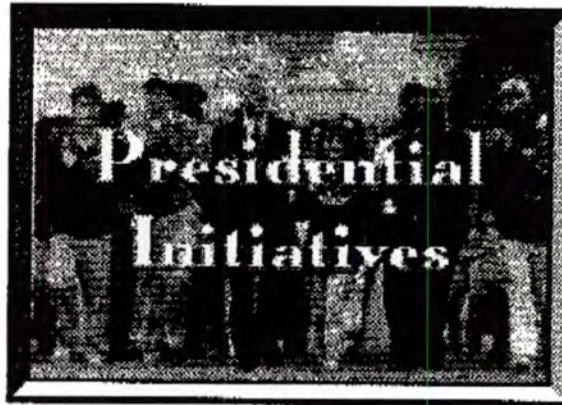
**"The 21st century is America's for the taking - if we are bold enough and strong enough and confident enough to go forward together. We will make the best of this new technology together. We will educate our children with it, make our government more democratic with it, and build a brighter, freer, more prosperous future with it. That is the American way."**



**--President Bill Clinton**



21st Century Technology



**Courseware Development Program Goals**  
**Draft Guidelines for Instructional**  
**Technology Resources**

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Comments? Suggestions? Email the Project Team at the Webb Building in Arlington, Virginia:

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# *The President's Educational Technology Initiative*

- **CURRICULUM** - Develop effective courseware in all subject areas.
- **COMPUTER/HARDWARE** - Provide access to modern computers for all teachers and students.
- **CONNECTIVITY** - Connect every school in America to the Information Superhighway.
- **COMPETENCE** - Give every teacher the development they need to help students use and learn through technology.
- **CORPORATE** - Improve the management decision-making process to deliver resources efficiently to the learner (DoDEA addition).

DRAFT

## **DoDEA Net 98 Plan**

### ***DoDDS/Military Partnership in Technology Connectivity***

**Purpose:** The purpose of this document is to (1) describe Net 98, which is the DoDDS/military partnership to accelerate the networking of DoDDS schools and connection to the Internet, (2) explain the on-going proposed network between DoDDS schools, the Internet and the military services, (3) define the responsibilities of DoDDS and the military services in Net 98 and (4) to establish the specific commitments of DoDDS and the military services required to execute Net 98.

**Background:** DoDDS provides a free and appropriate educational program to eligible DoD military and civilian dependents from preschool through grade 12 at schools located overseas. During School Year (SY) 1996/97, DoDDS served approximately 83,000 students with a staff of 12,500 employees located at 166 schools in 14 countries. At the end of SY 1996/97, DoDDS will complete its drawdown in Europe by closing six to eight schools. The DoDDS enrollment will then remain at approximately 83,000 students until the closure of another nine schools in Panama in FY 1999. After closure of the Panama schools, the overseas enrollments will stabilize at approximately 78,500 students in 150 schools.

DoDDS current curriculum is comparable to the finest educational programs in the United States. It develops the student's lifelong learning skills of higher level thinking, exploration, collaboration and problem solving, including the use of technology as an instructional tool in the classroom. DoDDS students currently perform above national norms as measured by standardized tests such as the Comprehensive Test of Basic Skills (CTBS), Scholastic Aptitude Tests (SAT) and the National Assessment of Educational Progress (NAEP).

DoDDS enjoys a unique relationship with the military commands, since the dependents educational program is considered an integral part of their "Quality of Life" and "Readiness" priorities. The successful execution of Net 98 will ensure that DoDDS students receive access to the Internet at least equal to that of students in the United States. This enhancement of the educational program will improve the quality of military family life overseas and improve military readiness by increasing their ability to retain senior personnel.

**System Description:** The goal of DoDEA is to provide an integrated campus-wide network environment that services both educational and administrative computing needs. This system requires an infrastructure designed to handle the current technology standards and the certainty of tomorrow's expansion. Technology infrastructure includes Local

Area Network (LAN) active and passive components, electrical system upgrade, ventilation upgrade and minor modifications to the school physical security.

a. LAN Description: Currently, most of our schools are running thinnet Ethernet cabling with an administrative network and varying numbers of other unconnected educational networks, (i.e., computer science labs, business labs, science labs, etc.). The existing system does not provide the necessary cable backbone for an efficient school-wide LAN or the required bandwidth for routine multimedia applications.

The current DoDDS LAN standard is to implement a high-speed Fiber Distributed Data Interface (FDDI) backbone network utilizing modular concentrators to supply Category-5 Unshielded Twisted-Pair (UTP) cable to individual workstations. The network topology is a logical bus and star configuration, and conforms to the Technology Programs Standards for the DoDEA Technology Modernization Initiative (14 Aug 1996 - pg. 16).

This network model is Asynchronous Transfer Mode (ATM) upgradeable, the next step in network development. It will provide high-speed data communications for school-wide network services, and support video and multimedia applications via dedicated and shared bandwidth.

b. Electrical Power Upgrade: The existing electrical power supplied to each teaching station is insufficient for the approved technology standard. Independent architect-engineers surveying our pilot LAN sites have specified three additional dedicated electrical circuits be installed in every classroom. In most DoDDS schools, the electrical capacity available to the facilities is sufficient for the technology plan. In these circumstances, the electrical upgrade will consist of a redistribution of the electrical capacity throughout the facility. The engineers have estimated that this electrical upgrade will make up about 45-50% of the total infrastructure cost.

c. Ventilation System Upgrade: With the dense concentration of ADP equipment in concentrator rooms, computer labs and media centers, additional ventilation is required. In some of the southern areas, air conditioning is needed. The cost for this ventilation upgrade could be as high as 10% of the total infrastructure cost.

d. Physical Security Modifications: Security is also an important part of the LAN design. Although it is difficult to create a 100% theft-free environment, LAN designs will include some minor additions to existing school facility security. These security upgrades should be under 2% of the total infrastructure cost.

**A DoDDS/Military Partnership**: The cost to provide the technology infrastructure required to network all DoDDS schools is currently estimated to be about \$60 million. A program of this magnitude can only be funded by DoDDS over many years, which would unfortunately extend the time required to network all DoDDS schools. Net 98 is a DoDDS/military partnership to accelerate the completion of this program by sharing the cost on a 50/50 basis.

The successful execution of Net 98 will ensure that, by the end of 1998, our students will have network access equal to that of the best school systems in the United States. This access will enhance and enrich the educational program which is available to our students. It will improve the quality of military family life overseas and enhance military readiness by increasing the ability to retain senior personnel.

The network will also provide parents, as well as the military command, with access to the school information systems. Parents will be able to access the school's electronic mail and data bases for study and research from the convenience of their home or workplace. Parents will be allowed to access bulletin board information, school activities, volunteer opportunities, student attendance and academic progress information, as well as initiate communication to teachers and administrators through the school's electronic mail system. Each school will also establish electronic mail communications with their community commanders. This network will enhance home/school and school/military communication and partnerships.

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# Military Family



A Newspaper for Those Who Serve Military Men and Women and Their Families

Spring 1996

## Military Father Involvement Praised



The military lifestyle is characterized by frequent family separations due to military duties and deployments. Despite these challenges, the Armed Services pride themselves on their healthy families and the programs they offer to help parents develop positive parenting skills. Here a young father shares an important moment with his son.

Fathers in the Armed Forces serving overseas recently were told how important their parenting role is to the development of their children — even while they were deployed.

On an American Forces Information Service (AFIS) satellite broadcast, Deputy Assistant Secretary of Defense Carolyn Becraft underscored the important role fathers play in the lives of their children and commended Service members who stay involved in their children's development.

The AFIS news feature gave high marks to Service members who search for ways to maintain a connection with their children while they are deployed, highlighting some home videos and audio cassettes of deployed fathers reading and talking to their children.

Ms. Becraft praised military parents for the good job they are doing in raising their children despite the demanding responsibilities of military duty. "Being a father," she said, "is one of the most important things you'll ever do."

At a White House meeting last sum-

mer, the value of the father's role in American society was underscored; and a White House special assistant noted the outstanding job the Services are doing in encouraging strong father involvement in the family. At the meeting, DoD was characterized as having a long history of supporting the role of fathers in families. □

### Importance of Fathers

*"I am firm in my belief that the future of our Republic depends on strong families and that committed fathers are essential to those families. I am also aware that strengthening fathers' involvement with their children cannot be accomplished by the Federal Government alone; the solutions lie in the hearts and consciences of individual fathers and the support of the families and communities where they live."*

President Clinton  
Memorandum dated June  
16, 1995

### HIGHLIGHTS

|                             |        |
|-----------------------------|--------|
| New Parent Support          | ....2  |
| Model Communities           | ....4  |
| Bosnia and Family Readiness | .....6 |
| Research                    | .....9 |

## President Visits Troops in Europe

In conjunction with his visit to Bosnia to review Joint Endeavor peace keeping operations in late 1995, President Clinton met with Service men and women and family members at a number of other military installations in Europe, including those at Baumholder, Germany, shown here. Family readiness and programs that are supportive of the troops in preparation for training and contingency operations are playing an important role in the success of the Bosnia peace keeping mission. Please see the Family Readiness article on page 6.



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# Military Family



A Newspaper for Those Who Serve Military Men and Women and Their Families

Fall 1996

## Communities of the Future

### DoD Research Symposium Scheduled

A DoD Quality of Life Research Symposium is slated for December 16 at Georgetown University. Convened by Fred Pang, Assistant Secretary of Defense for Force Management Policy, the one-day symposium will focus on "Communities of the Future."

Symposium planners say the goal of the Research Symposium is to bring together some 150 DoD and civilian leaders, program managers, and researchers to brainstorm technologies and community planning for the future.

"The day's agenda has been designed to provide information about the latest civilian community planning, potential technologies to more effectively deliver community services in the future, and research as guidelines for future policy," Carolyn Becraft explained. Ms. Becraft, the Deputy Assistant Secretary of Defense for Personnel Support, Families and Education, is responsible for the Quality of Life Office, which is hosting this symposium along with the Research Subcommittee it manages.

Ms. Becraft explained, "The military is an important test bed for many social service programs and housing initiatives, and often leads the way in American community services. To be effective, however, we need to stay attuned to what the American people want in their towns and

cities. Additionally, we have to look at research implications for future needs and utilize this research as we make policy and program decisions."

#### Scheduled Seminars

The bulk of the day will revolve around small group seminars which will provide an opportunity for in-depth discussions with civilian experts on the following topics:

- Building a Classic American Town for the 21st Century.
- What Americans Want in the Communities.
- Five Components of Community Well-being — Service Delivery Strategies.
- Technology and People — Making Communities Work.
- Fitness — Good Business
- Carnegie Reports — Realistic Solutions to Improve Life Chances of Young People.
- Turning Research into Policy.

#### Sharing Research

The DoD Quality of Life Office, responsible for coordinating the Research Symposium and managing the

*(continued on page 9)*

## CINCs Reconfirm Quality-of-Life Priorities

Top quality-of-life (QoL) priorities for Joint Commanders-in-Chief include pay and compensation, retirement, medical, and housing, according to Rear Admiral Veronica Froman, USN. RADM Froman is the Director for Manpower and Personnel (J-1) for the Joint Chiefs of Staff.



RADM Froman

In a September briefing to the QoL Executive Committee, RADM Froman added that the issue of equity

was also raised by the CINCs in terms of funding, standards and policy, particularly in the areas of compensation and benefits, child care, tuition assistance and education, and Morale, Welfare and Recreation (MWR) programs including fitness.

In framing her report, RADM Froman explained that all CINCs were visited during a two-week period in July. "From these visits, we developed a good 'snapshot' of

*(continued on page 10)*

### HIGHLIGHTS

|                           |         |
|---------------------------|---------|
| Stockholm Congress        | ....2   |
| Military Family Week      | ....3   |
| Model Communities Seminar | .....6  |
| Singles Focus             | .....12 |

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Department of Defense

# *Goals and Measures for Community and Family Support Programs*



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*A Compendium of*  
**Quality of Life Research**

Prepared for the  
**DoD Quality of Life  
Research Symposium at  
Georgetown University**

**December 16, 1996**