

BRAC COMMISSION VISIT

1-2 June 2005

NAVAL STATION GREAT LAKES

103-06A –NMC13 – Base Input
Navy/MC–Naval Station Great Lakes-IL
BRAC COMMISSION – FY 2005
COFF: _____ DISPOSITION: Permanent



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Navy Region Midwest *and* Naval Station Great Lakes

BRAC Commission Visit

June 2005

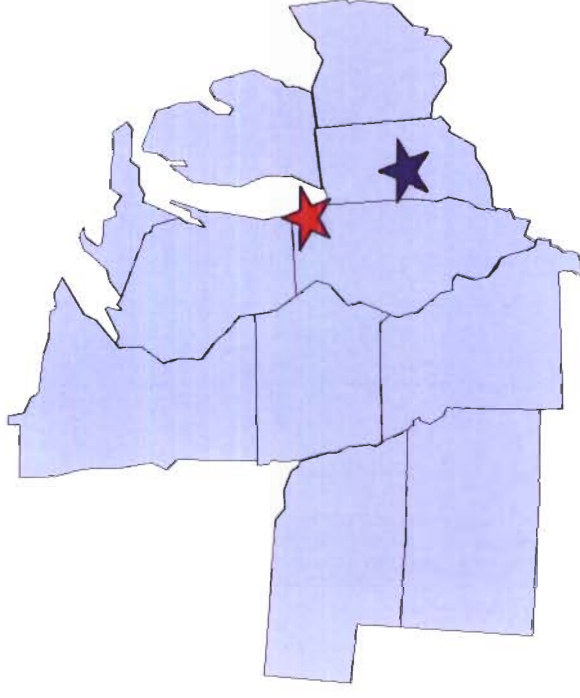


Navy Region Midwest



Responsible for managing all Base Operation Support (BOS) functions at all Naval Activities in the Region

- Established 1 Oct 2003
- IA, MO, NE and KS added when established 15 Jul 2004
- Commander, Naval Service Training Command dual-hatted as Regional Commander





Navy Region Midwest

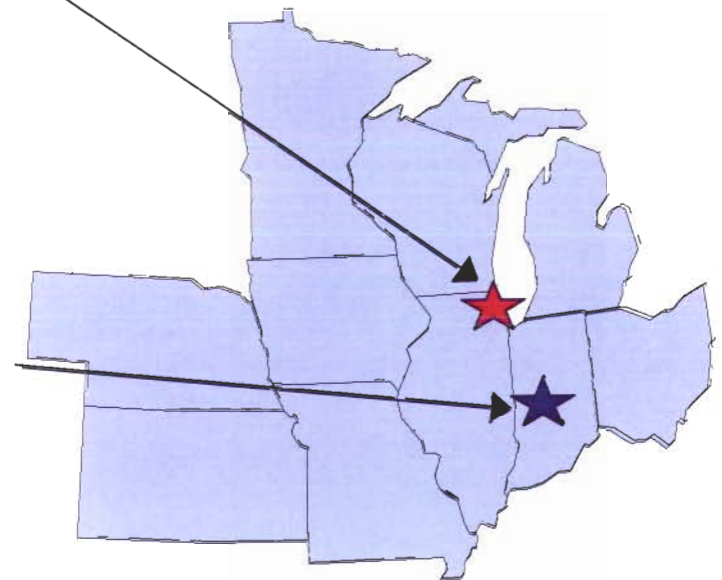


Naval Station Great Lakes, IL

- Training and BUMED tenants
- **Only Recruit Training Command** in the Navy
- One third of all Navy technical training

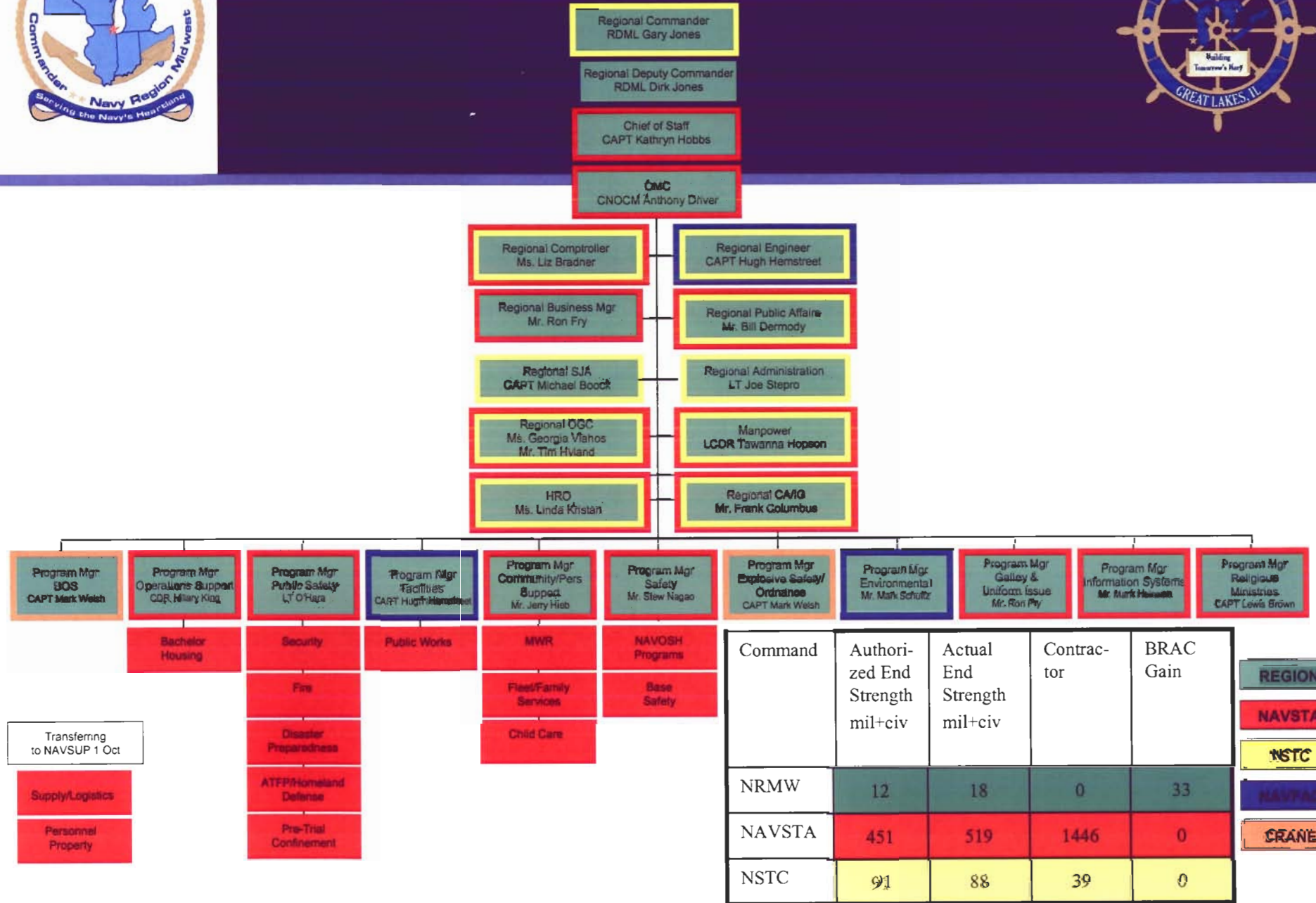
Naval Support Activity Crane, IL

- Ordnance, Research and Development tenants
 - NAVSEA, U.S. Army





NRMW/NSGL/NSTC

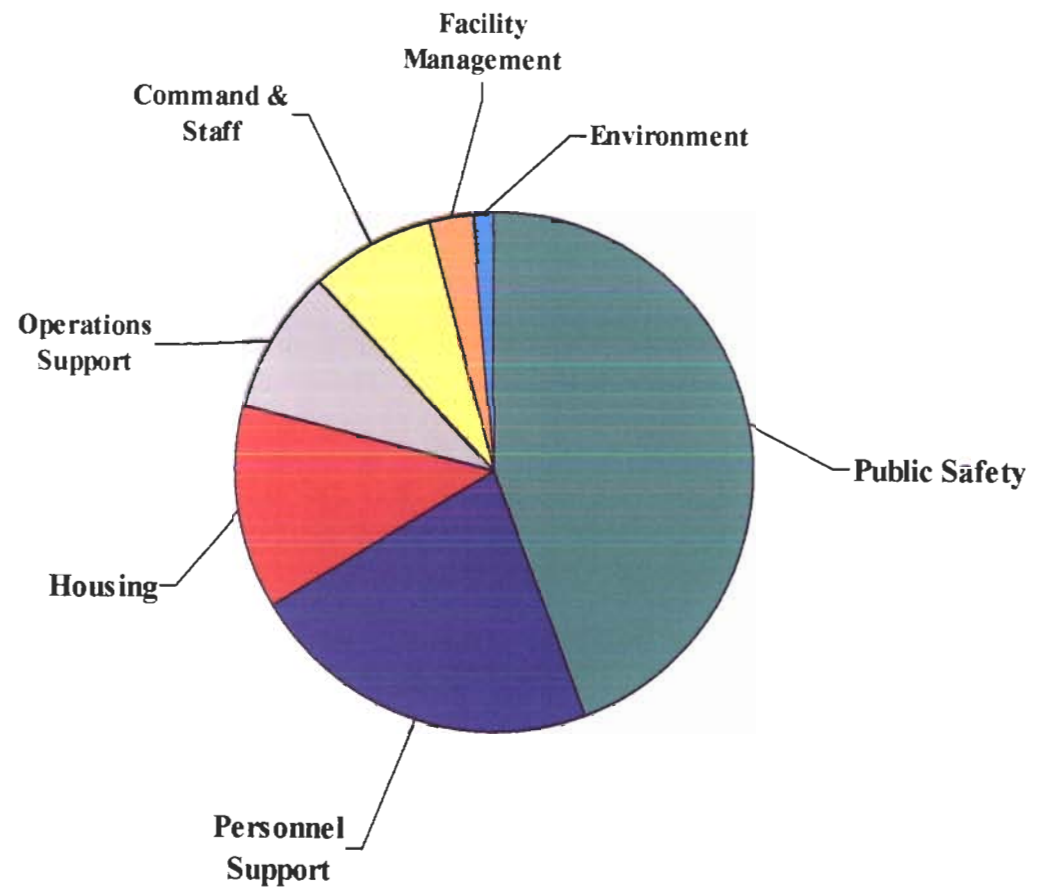


MIDWEST REGION CIVPERS DISTRIBUTION
AUTHORIZED BILLETS (PROGRAM) – NAVSTA GREAT LAKES



TOTAL AUTHORIZED BILLETS - 328

- 43% Public Safety (145)
- 22% Personnel Support (72)
- 13% Housing (42)
- 9% Operations Support (30)
- 8% Command & Staff (25)
- 3% Facility Management (9)
- 2% Environment (5)

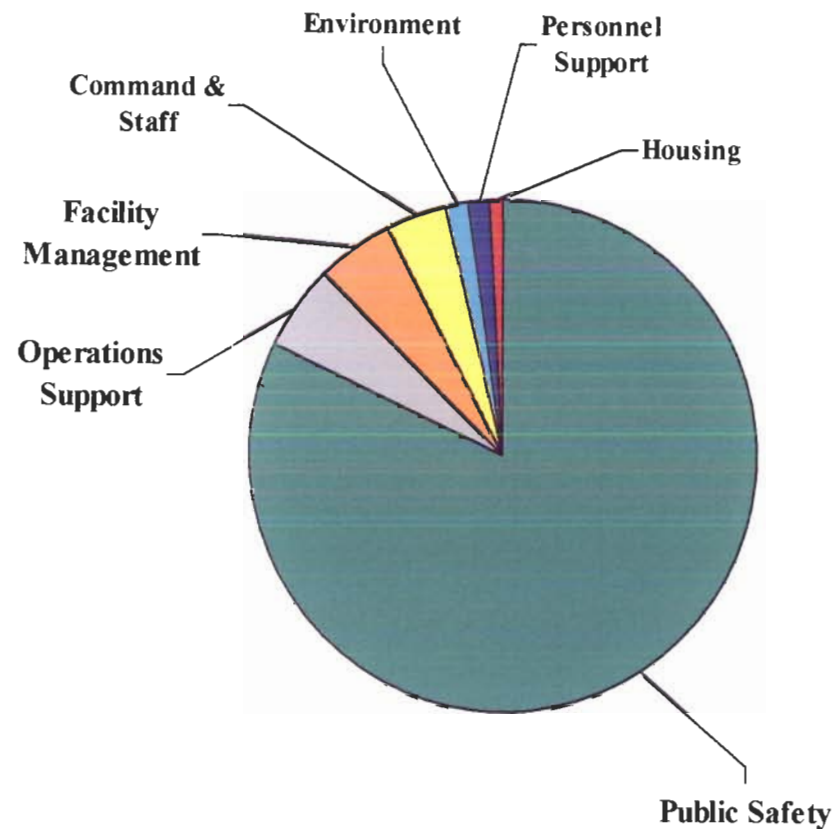


MIDWEST REGION CIVPERS DISTRIBUTION AUTHORIZED BILLETS (PROGRAM) – NSA CRANE



TOTAL AUTHORIZED BILLETS - 223

- 83% Public Safety (183)
- 5% Operations Support (12)
- 5% Facility Management (11)
- 4% Command & Staff (9)
- 1% Environment (3)
- 1% Personnel Support (3)
- 1% Housing (2)

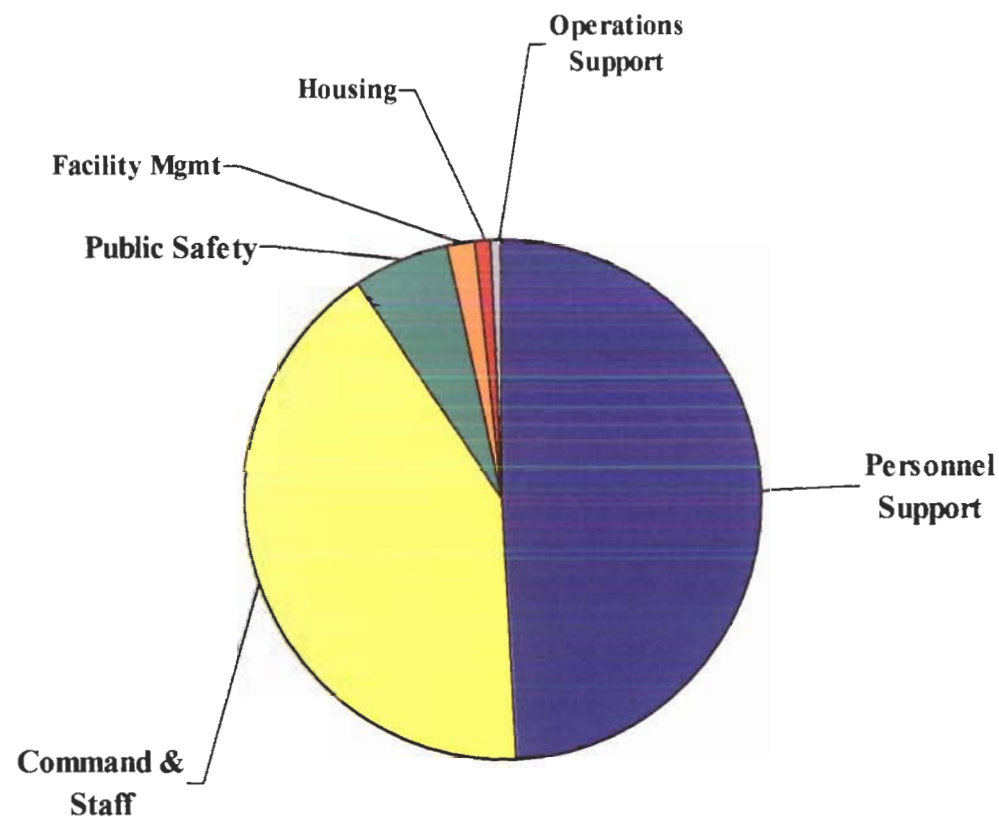


MIDWEST REGION MPN DISTRIBUTION AUTHORIZED BILLETS (PROGRAM) – NAVSTA GREAT LAKES



TOTAL AUTHORIZED BILLETS - 238

- 49% Personnel Support (116)
- 42% Command & Staff (98)
- 6% Public Safety (14)
- 2% Facility Management (4)
- 1% Housing (3)
- 0% Operations Support (1)

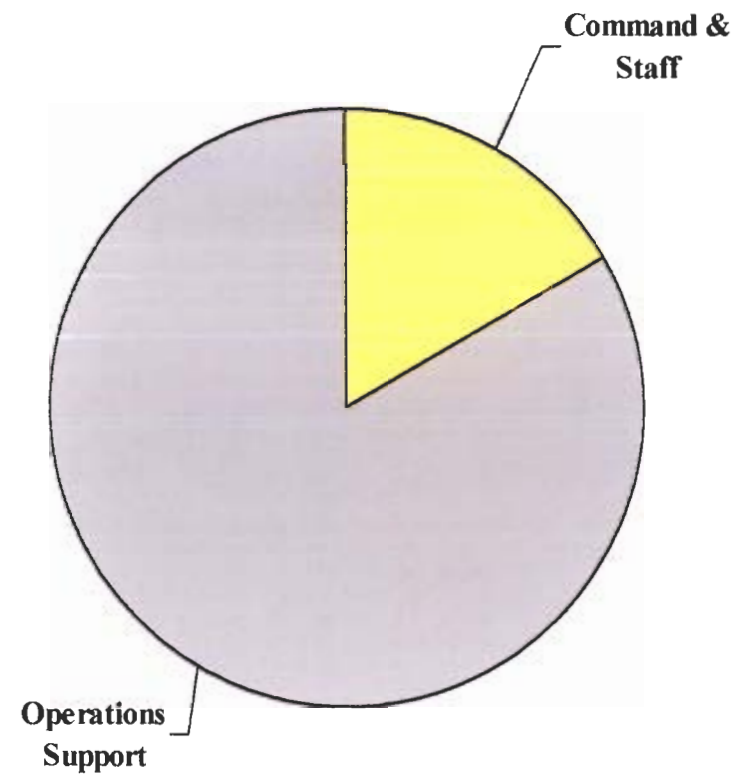


MIDWEST REGION MPN DISTRIBUTION
AUTHORIZED BILLETS (PROGRAM) – NSA CRANE



TOTAL AUTHORIZED BILLETS - 12

- 83% Operations Support (10)
- 17% Command & Staff (2)





A Rich History

Naval Station Great Lakes



- Transforming civilians into Sailors since 1911
- Mission: To deliver highly skilled, technically proficient, disciplined and motivated Sailors to the Fleet
- Home to Navy's only Recruit training facility and one third of the Navy's technical training schools
- The Sailorization Process:
 - Instills basic seamanship skills and core values of honor, courage and commitment in the men and women joining the Navy
 - Fosters teamwork and pride in achievement
 - Teaches fundamental skills in areas such as: competitive military drill, physical fitness, fire fighting, water survival and weapons proficiency



Mission

Naval Station Great Lakes



Established as an independent activity
to manage and perform
Base Operation Support (BOS) functions in support
of tenant organizations at Great Lakes, and to
perform duties normally expected of a host
installation.

OPNAVNOTE 5450 of 27 July 2001



IMAP 2005 INSTALLATION CORE BUSINESS MODEL



	Operating Forces Support			Community Support		Base Support			
Core Business	Air Operations	Port Operations	Operations Support	Personnel Support	Housing	Facility Support	Environment	Public Safety	Command & Staff
Function	Airfield Ops	Port Ops	Other Ops Support	MWR	Family Housing	Utilities	Compliance	Force Protection	Command
			Supply	Child Development	Bachelor Housing & Lodging	Facility Services	Conservation	Fire & Emergency Services	Resource Mgmt.
				Galley		Facility Mgmt	Pollution Prevention	Emergency Mgmt.	Info. Tech. Services
				Fleet & Family Support		Base Supp. Vehicle & Equip		Safety	Personnel Services
				Other Community Support		Facility Investment			



Tenant Commands

Naval Station Great Lakes

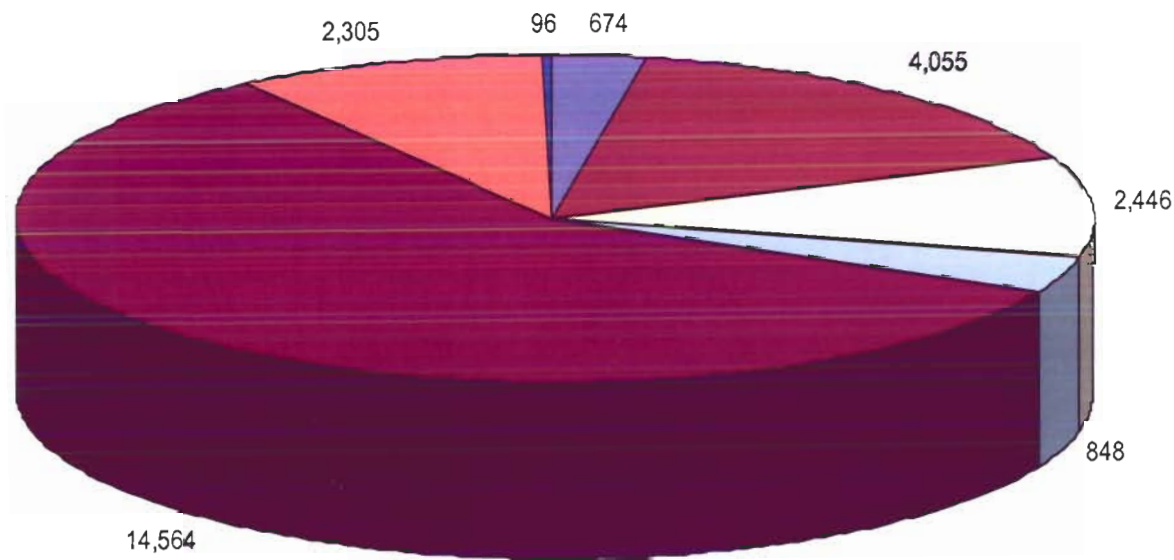


- Major tenant commands include:
 - Naval Service Training Command
 - Recruit Training Command
 - Training Support Center
 - Naval Hospital Great Lakes
 - Naval Hospital Corps School
 - Naval Facilities Engineering Command Midwest
 - U.S. Military Entrance Processing Command
 - Naval Reserve Readiness Command, Midwest
 - Navy Band Great Lakes
 - Naval Dental Biomedical Research Command
 - Total tenant commands: 32



Population

Naval Station Great Lakes



- Officers
- Enlisted
- Civilian (Appropriated funds)
- Civilian (Non-appropriated funds)
- Students or Recruits
- Contractors
- Transients



Location

Naval Station Great Lakes



- Located in Northern Illinois between Chicago, IL and Milwaukee, WI in Great Lakes, IL
- Physical site covers more than 1,600 acres and includes over 1,300 buildings



Installation

Naval Station Great Lakes



NAVAL STATION GREAT LAKES



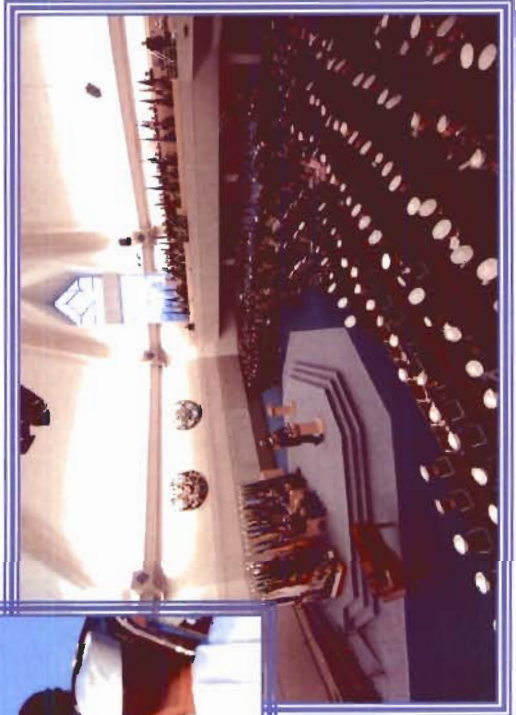


Housing

Naval Station Great Lakes



- 2,739 units:
 - 263 Officer, 2,476 Enlisted units
 - Three geographic locations
 - Great Lakes, Fort Sheridan, Glenview
 - Presently 55% occupied
 - Off-line due to inadequacy/PPV: 393 (14%)
- 1 October 2005: Public Private Venture



IMAP 2005 Installation Core Business Model

Operating Forces Support Community Support Base Support

Air Operations	Port Operations	Operations Support	Personnel Support	Housing	Facility Support	Environment	Public Safety	Command & Staff	
Airfield Ops Admin & Station Aircraft Operations Air Traffic Control Aviation Fuel Support Ground Electronics Airfield Facilities Auxiliary Airfield Support Passenger Terminal & Cargo Handling	Port Ops Berthing & Hotel Services Support Craft Ship Moves Port Logistics Port Operations Center Support Craft Berth Days Magnetic Silencing Spill Response	Other Ops Support Weapons Range Support Healthcare Support Supply Material Management Supply Services Intra-station Moves	MWR Cat A Activities Cat B Activities Cat C Activities Child Development Child Development Centers Child Development Homes School Age Care Contract Spaces Galley Food Service Contracts Galley Operations Fleet & Family Support Deployment Readiness Crisis Response Career Support/Retention Other Community Support Overseas Personnel Support Museums	Family Housing Management Services Furnishings PPV Miscellaneous Utilities Maintenance Leasing Bachelor Housing & Lodging BH Operations BH FF&E BH PPV Dorms Operations Dorms FF&E Extended Stay Lodging TEMDUINS/TDY Lodging Contract Berthing PCS Lodging	Utilities Chiller Plant Electrical Natural Gas Other Sewage Steam Water Delivered Fuels Compressed Gas Facility Management Facility Investment Planning Asset Management Collateral Equip Real Estate Facility Investment Sustainment Restoration & Modernization New Footprint Demolition Combating Terrorism	Facility Services Janitorial Pest Control Refuse Collection/Recycling Other Grounds Maint Street Sweeping Snow Removal Base Support Vehicle & Equip Railway Equipment Cranes Vehicles MHE Construction Trailers Support	Compliance Mgmt & Planning Recurring Activities Support Non-recurring Activities Support Conservation Recurring Activities Support Non-recurring Activities Support Pollution Prevention Recurring Activities Support Non-recurring Activities Support Emergency Management Regional Emerg Mgmt Coord & Liaison Installation Emerg Mgmt EM Training EM Exercises EM Equipment & Sustainment EM Command & Control	Force Protection Law Enforcement Physical Security Equipment Physical Security Mgmt/Planning Antiterrorism Harbor Security Security Ops Fire & Emergency Services EMS Transport Fire Protection Mgmt & Support Fire Protection Aircraft Rescue & Fire Fighting Safety NAVOSH Explosive Safety Traffic Safety Recreational/Off-Duty Safety	Command Command Mgmt Casualty Assistance/Honor Guard Admin Program Religious Programs Staff Judge Advocate Off of Gen Counsel Inspector General Public Affairs Resource Mgmt Manpower Mgmt HRO FECA Business Mgmt Financial Mgmt G&A Info Tech Svcs IT Support & Mgmt/Non-NMCI NMCI Base Communications Personnel Services PASS Restricted Personnel Admin Brigs TPU Operations Reserve Coord/Mobilization Training Support



An Overview of
NAVAFAC Midwest
for the
Base Realignment and Closure
Commissioner Visit

1 June 2005

NAVFAC Midwest: Mission



Provide Facilities Engineering Support for Navy Region and Reserve Readiness Command Midwest, including:

- Facilities Planning & Requirements
- Engineering Studies and Design
- Facilities Maintenance, Repair, Renovation, and Construction
- Utilities Services and Energy Management
- Transportation & Vehicle / Equipment Support
- Environmental Services and Compliance
- Facilities Support Services
- Real Estate Services and Support
- Acquisition and Financial Support for ALL of the above

NAVFAC Midwest: Purpose



Support and Enable Mission Accomplishment for:

- **Navy Region Midwest**
 - Naval Station Great Lakes, Illinois
 - Naval Support Activity Crane, Indiana
 - 36 Navy or Navy & Marine Corps Reserve Centers
- **Navy Reserve Readiness Command Midwest**
- **Other Activities**
 - Marine Corps Mobilization Command, Kansas City
 - 6 Stand-Alone Marine Corps Reserve Centers
 - Naval Hospital Great Lakes
 - Navy Communication Activities

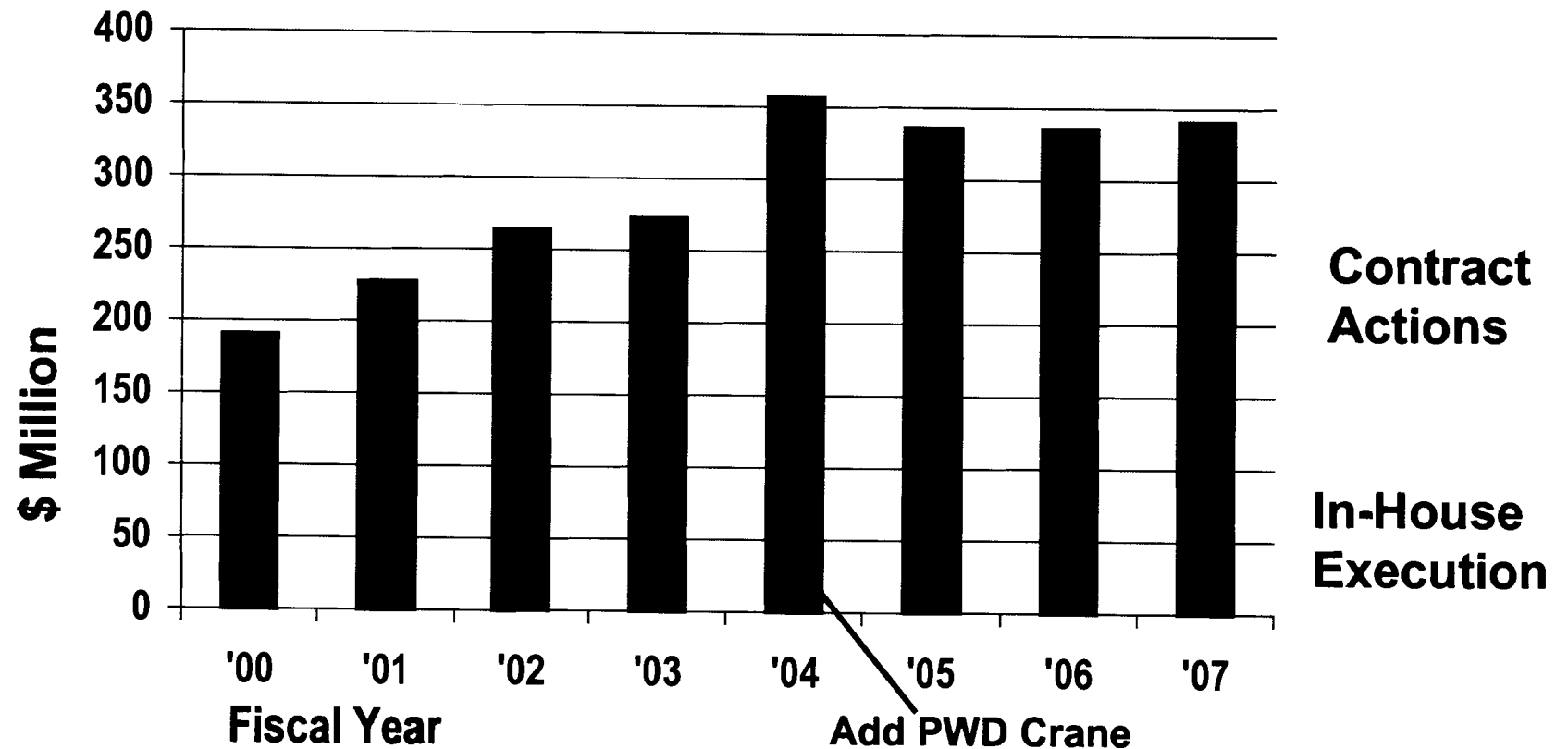
Provide all Facilities Engineering resources available to support the above Activities & Missions

NAVFAC Midwest – Current Status



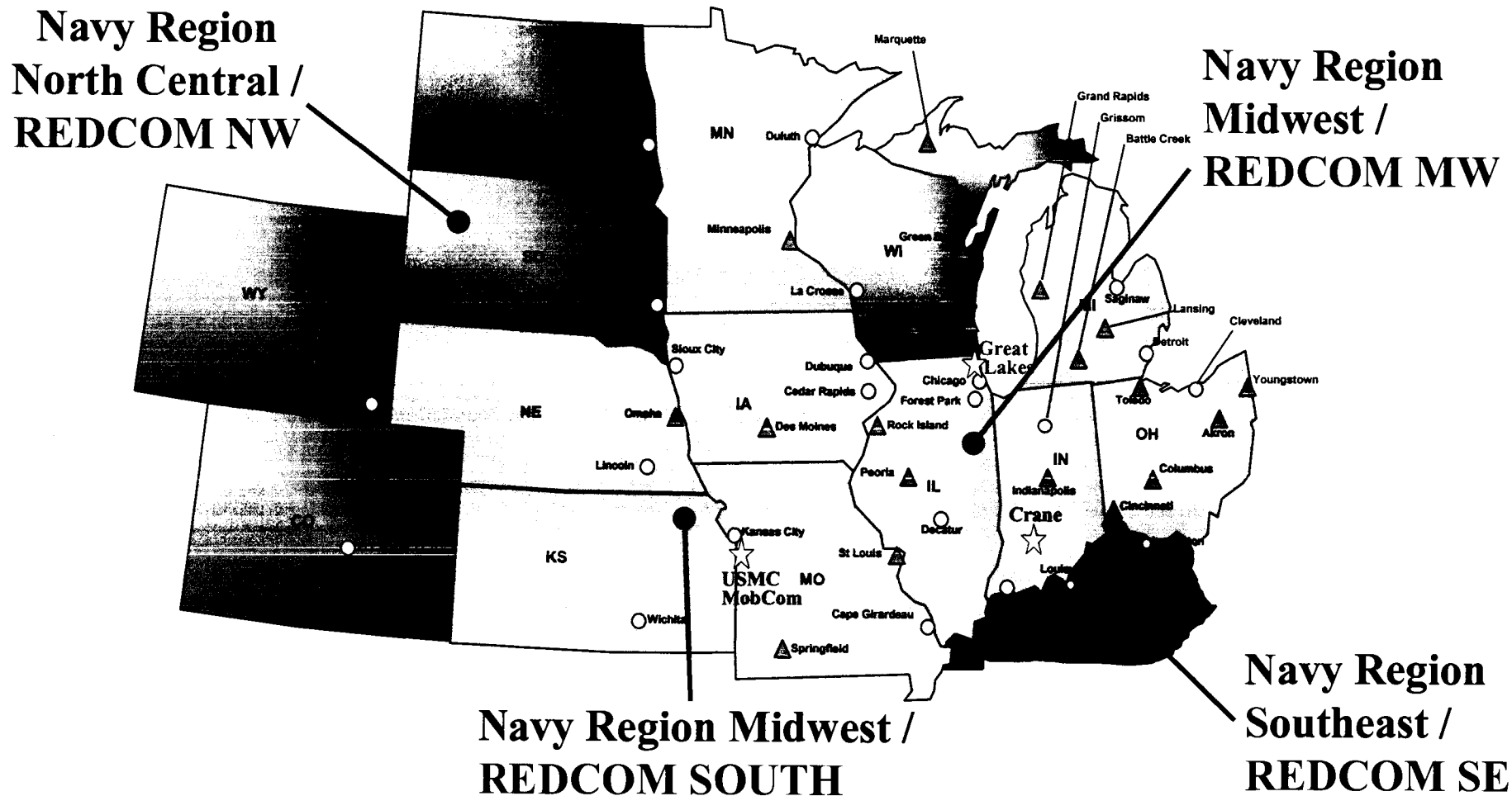
- **Established the Navy's First FEC on 8 July 2004**
 - Further Streamlined Redundancies of Two Commands
- **Integrated Navy's single largest Public Works Dept at Crane**
- **Won 2004 Commercial Activities Study and reduced over 56 FTEs**
- **Executing record workload and \$760M RTC RECAP with less staff**
- **Leading the CNI / NAVFAC intent for Facilities Integration**
 - FEC Managers double-hatted as Regional Facilities Directors
 - Installation Public Works Staff Functionally Realigned
- **But, receive reachback support from NAVFAC South for:**
 - Military Construction Management and Design
 - Real Estate Support
 - Environmental Program Management
 - Regional and Base Development and Planning
 - Utilities Privatization
 - Comptrollership
 - Other Facilities Engineering Support

NAVFAC Midwest: Value of Support

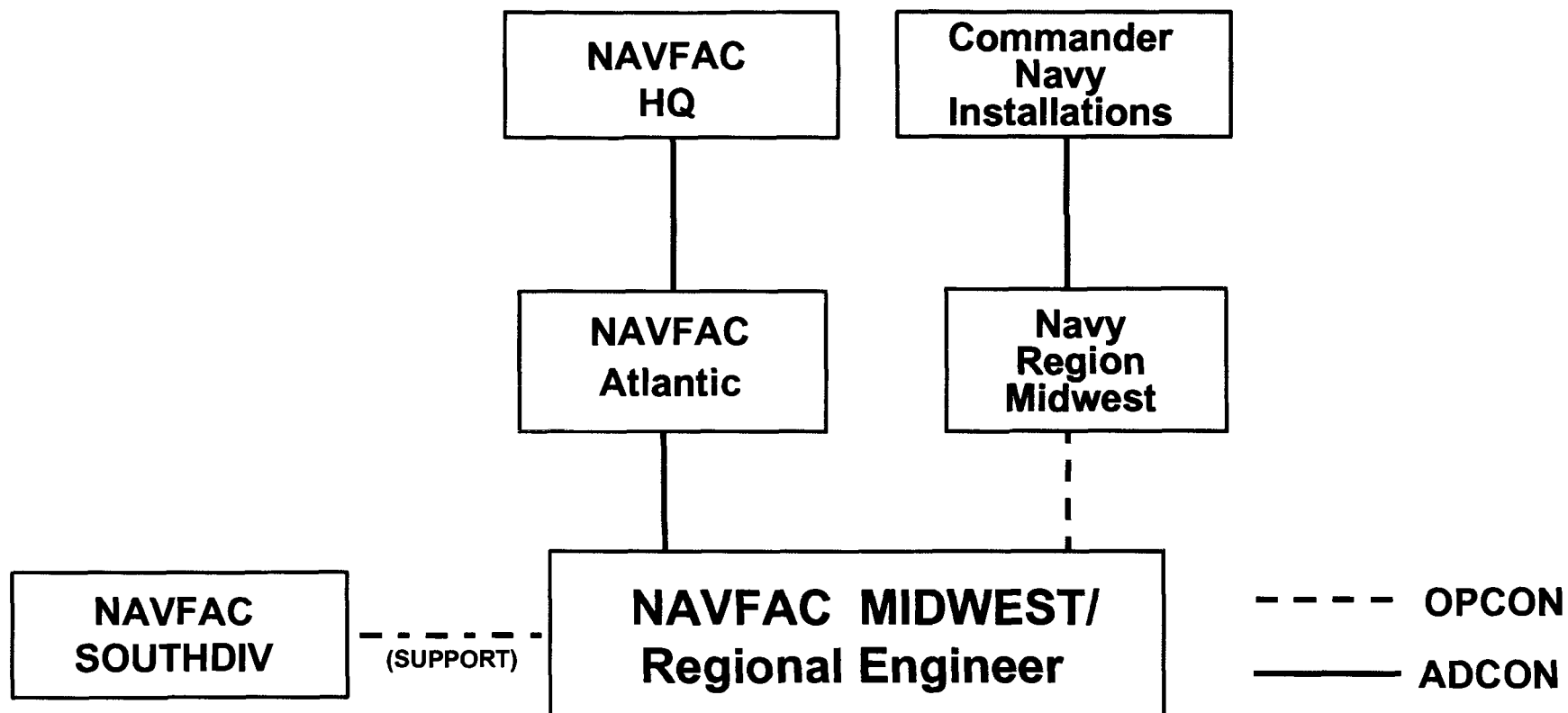


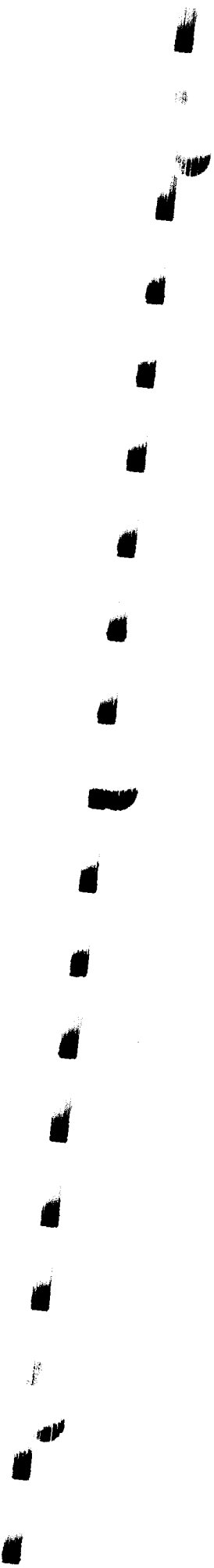
Note: Navy Region Midwest accounts for over \$200M per year

NAVFAC Midwest – Area of Responsibility



Current Midwest Alignment





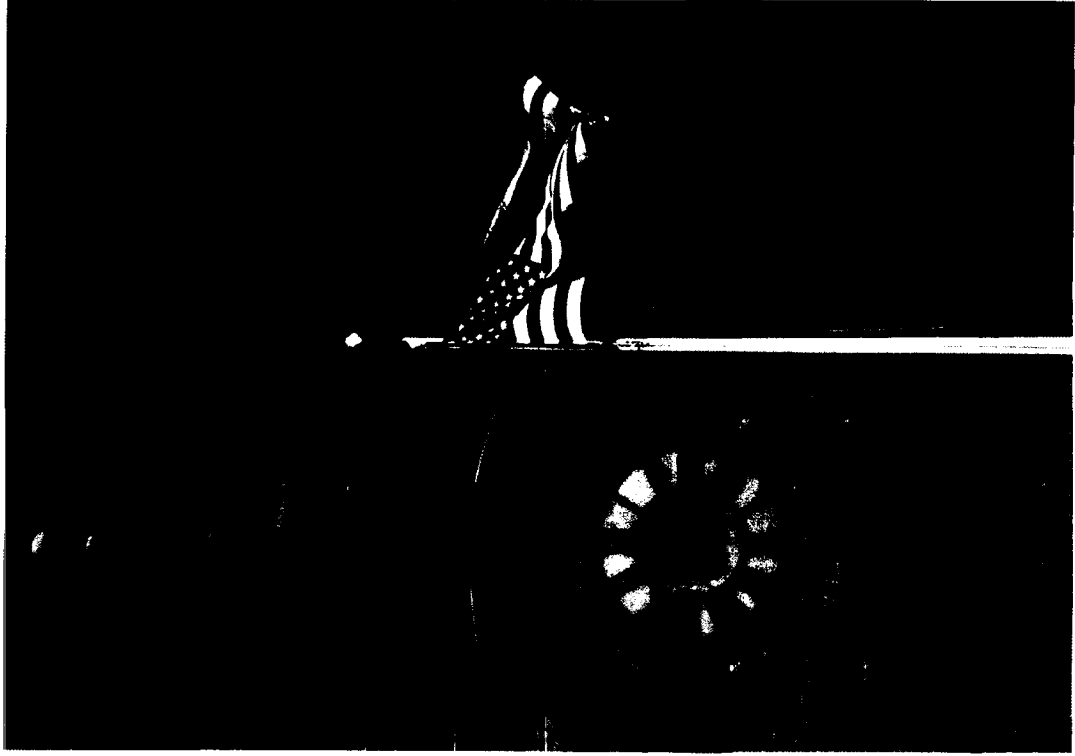


Navy Reserve Readiness Command Midwest

Command Brief

CAPT Jim Monahan

27 May 05





REDCOM Midwest Vision

- **“Ready, ...**
 - **Medical/Dental readiness is key, but more than just clearing the hard-holds for mobilization**
 - **Knowing our people and their capabilities**
 - **Talking to families and employers about service in the Navy Reserve**
- **And Engaged!”**
 - **Reporting for duty to active-duty supported commands**
 - **Communicating with AC counterparts**
 - **Leaning forward, but well-balanced**



REDCOM Midwest Mission

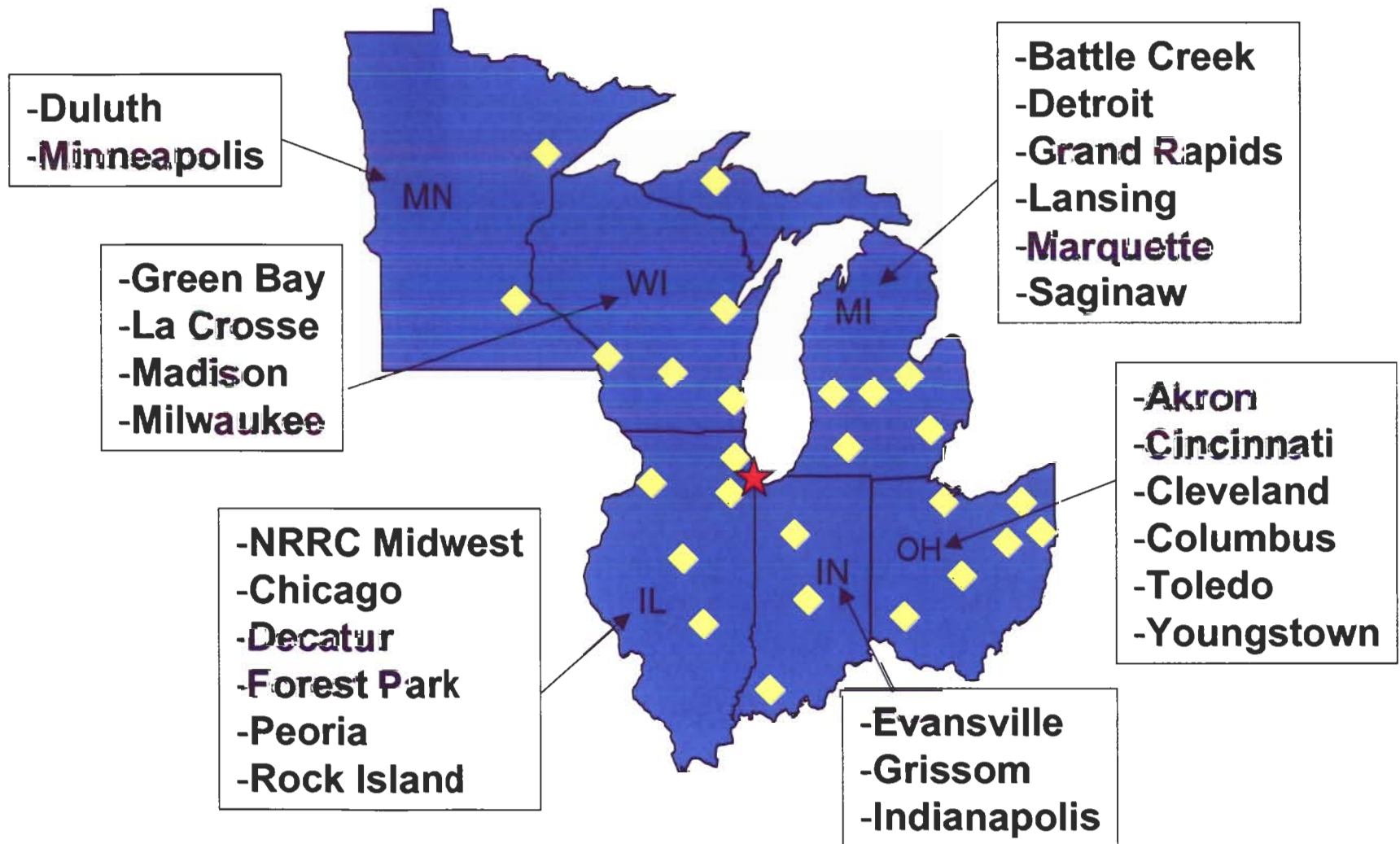
“Provide the highest quality of customer service and overall support for the mobilization readiness of Navy Reservists in the six-state Midwest region.”

***26 Navy Reserve Centers
496 Full-Time Support (FTS) Staff
10,000+ Selected Reservists***



REDCOM Midwest

6 States, 26 Reserve Centers + RCMW HQ





REDCOM Midwest Headquarters Staff

- **Full-Time Support (FTS)**
 - 8 Officers
 - 32 Enlisted
 - 11 Civilians
- **Drilling Reservists**
 - 13 Officers
 - 4 Enlisted



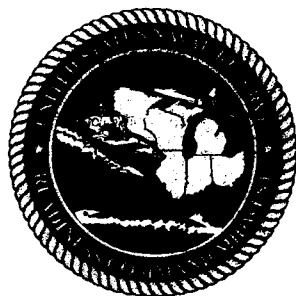
Navy Region Midwest Operational Support

- **Casualty Assistance / Funeral Honors**
- **NEPLO**
- **NAVSTA Great Lakes**
- **RTC Great Lakes**
- **DFAS Columbus / DFAS Cleveland**
- **Naval Hospital Great Lakes**
- **NSWC Crane**
- **Numerous NMCB Projects at DoD Facilities**



REDCOM Midwest Mobilization

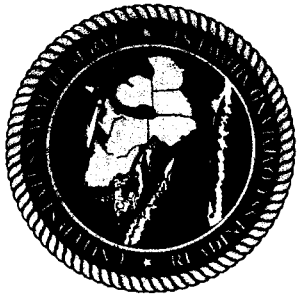
- Operations NOBLE EAGLE / ENDURING FREEDOM / IRAQI FREEDOM:
 - **RCMW SELRES mobilized since 9/11/2001: 2,500+**
 - Over 25% of total drill population for Midwest region
 - **Currently mobilized/activated (May 05): 431**
- Presidential Selected Reserve Call-up (PSRC):
 - **Reservists currently recalled supporting operations in Kosovo and Bosnia**



FY03 and FY04 RPN Budget Execution

	FY03	%	FY04	%
AT Officer	7,754.3	96	7,735.8	93
AT Enlisted	17,596.9	96	19,467.8	93
ADT Special	722.5	43	354.0	100
IDTT	824.0	87	1,557.0	90

All figures in \$K



FY05 RPN Budget Projections

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
AT-Officer	957.0	1,800.0	1,800.0	1,200.0	5,757.0
AT-Enlisted	2,950.0	5,000.0	7,100.0	2,900.0	17,950.0
ADT-Special	20.0	10.0	0.0	0.0	30.0
IDTT	372.6	275.8	225.8	225.0	1,100.0
Total	4,299.6	7,085.8	9,125.8	4,325.0	24,837.0

All figures in \$K



O&M, NR

FY03 and FY04 Execution

	Surface Training	Medical Training	Other	Total	% Obligated
FY03	513	151	7621	8286	99.9
FY04	406	170	4052	4629	99.9

All figures in \$K

FY03 to FY04 reduction due to shift to CNI



FY05 O&M, NR Budget Projections

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
1053	1130	1051	644	3879

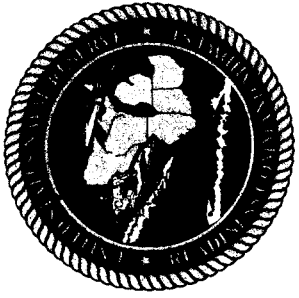
All figures in \$K



REDCOM Midwest

Active – Reserve Integration

- **Currently examining several different models for organizational structure**
 - Communicating with other Regions/REDCOMs so that we are on similar lines, if not standard
- **Functional areas with most synergy**
 - Administration
 - Financial Management
 - Information Technology
 - Logistics
- **Challenges remain in identifying activities that are inherently “Region” vice NSTC or NAVSTA**



REDCOM Midwest Issues & Challenges

Challenges facing Naval Reserve Readiness Command Midwest in the coming years:

- **Geographically Distributed Population**
- **Leveraging Technology - NMCI**
- **Availability of Hands-On training**
- **Transporting Midwest Sailors to the Opportunities**
- **Navy Regionalization and Infrastructure Reductions**



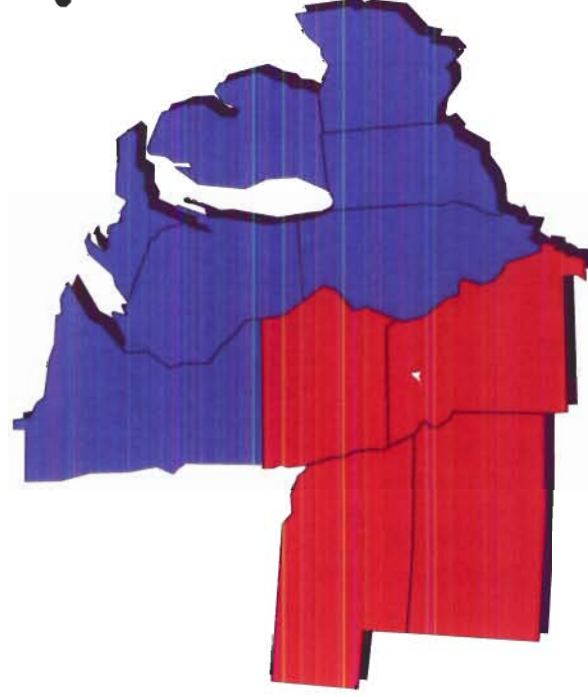
**Realignment and Regionalization:
Navy Region Midwest
REDCOM Midwest
NAVFAC Midwest**



Navy Region Midwest

Who we are:

- The Midwest Region develops the people and the technology with a common goal of supporting the Fleet
 - Only Recruit Training Command in the Navy (Great Lakes)
 - Third Largest Navy base in land area in the world (Crane)
 - The following states have recently been added to the Region: IA, MO, NE and KS

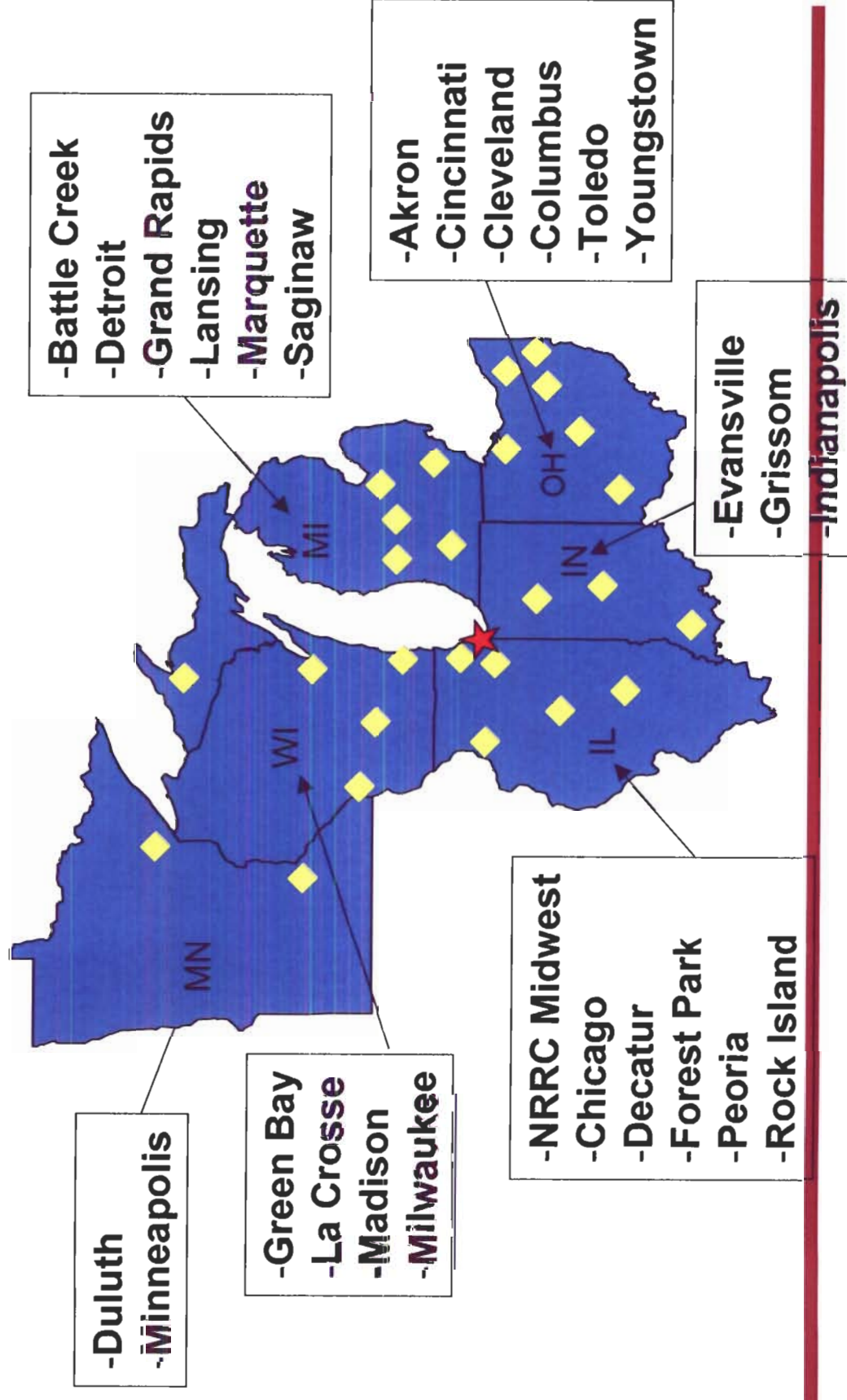


- FEMA Region 5
- FEMA Region 7



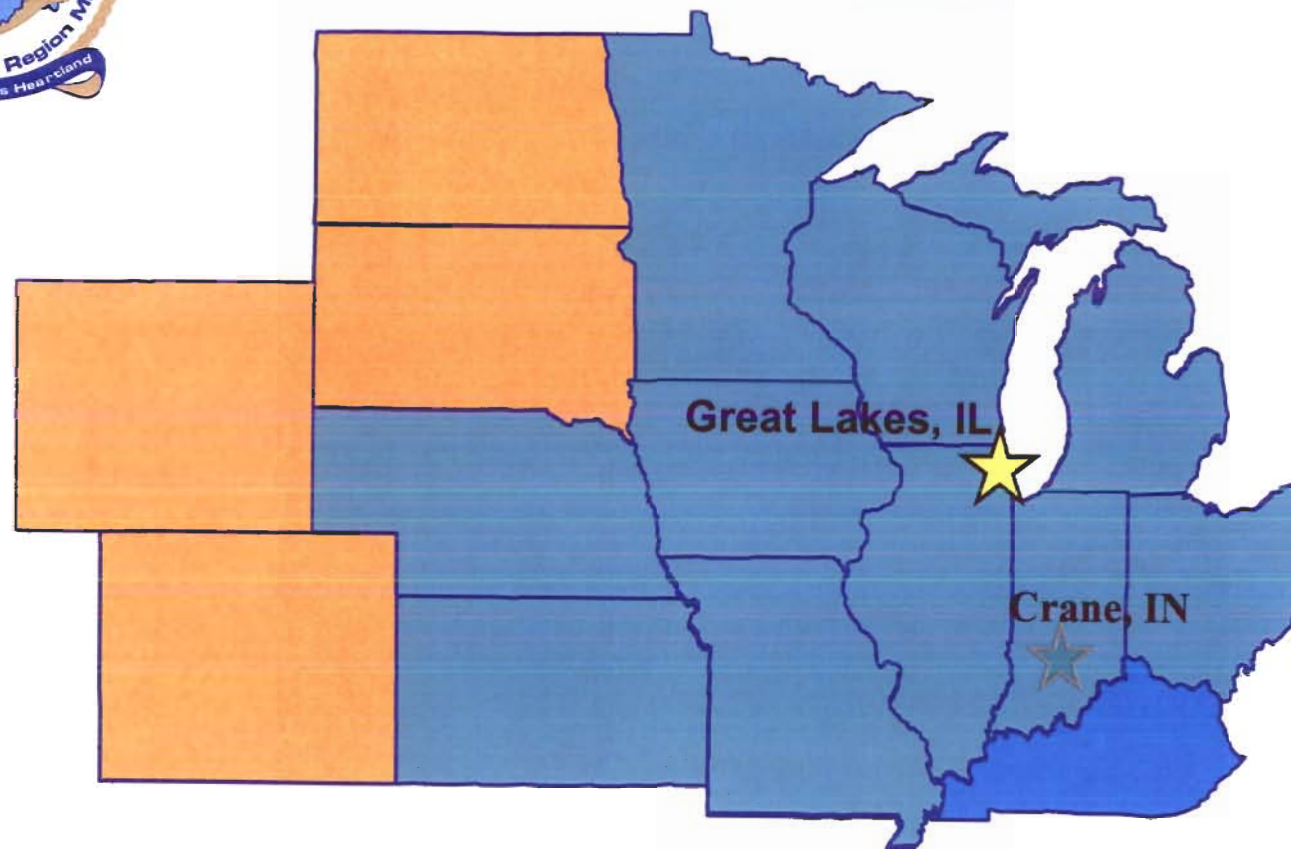
REDCOM Midwest

6 States, 26 Reserve Centers + RCMW HQ





NAVFAC Midwest Area of Responsibility

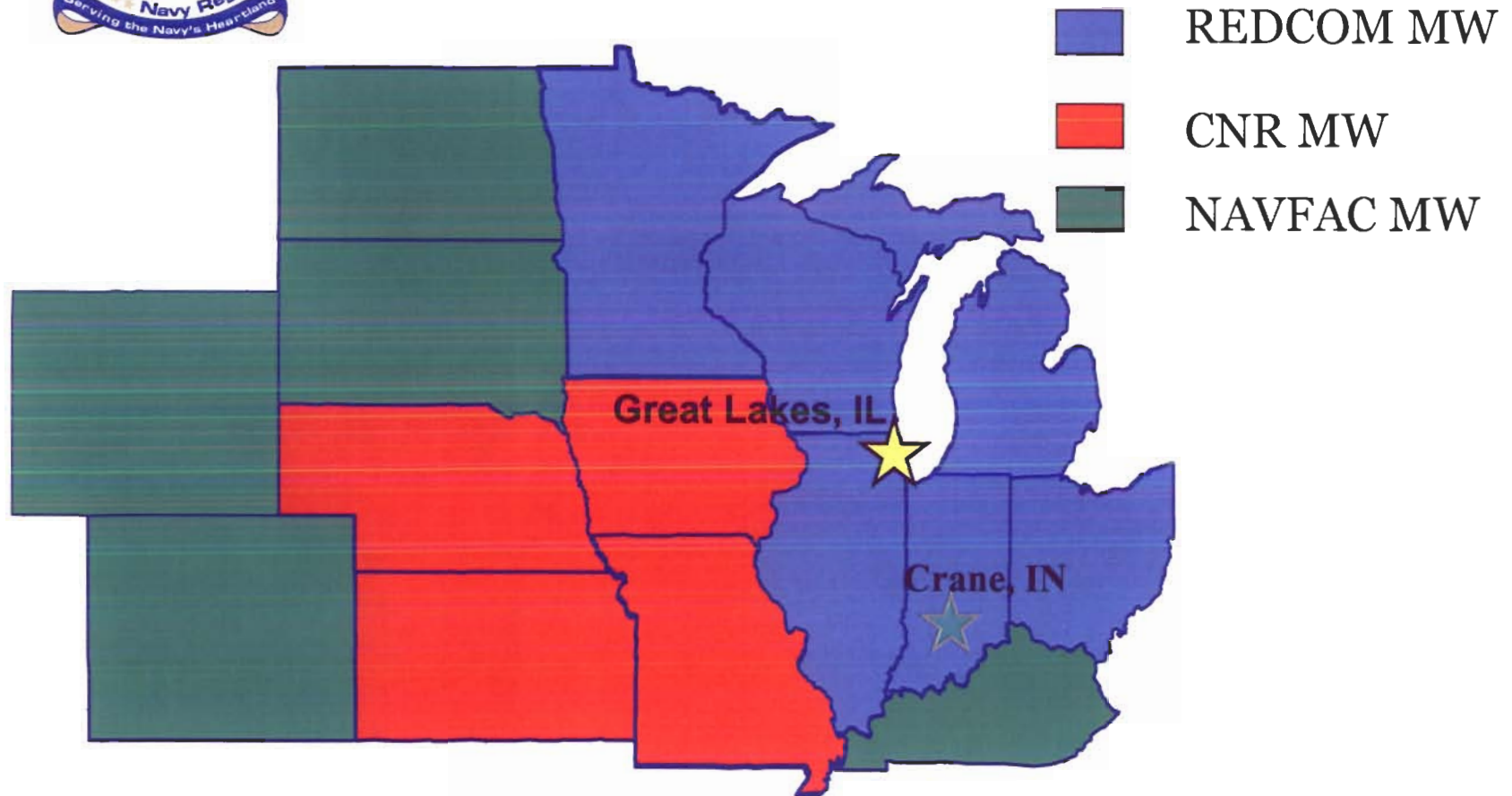


Notes:

- Includes All of EPA Regions 5 & 7 and Parts of Regions 4 & 8
- HQ Proximity to O'Hare Facilitates Access and Coverage

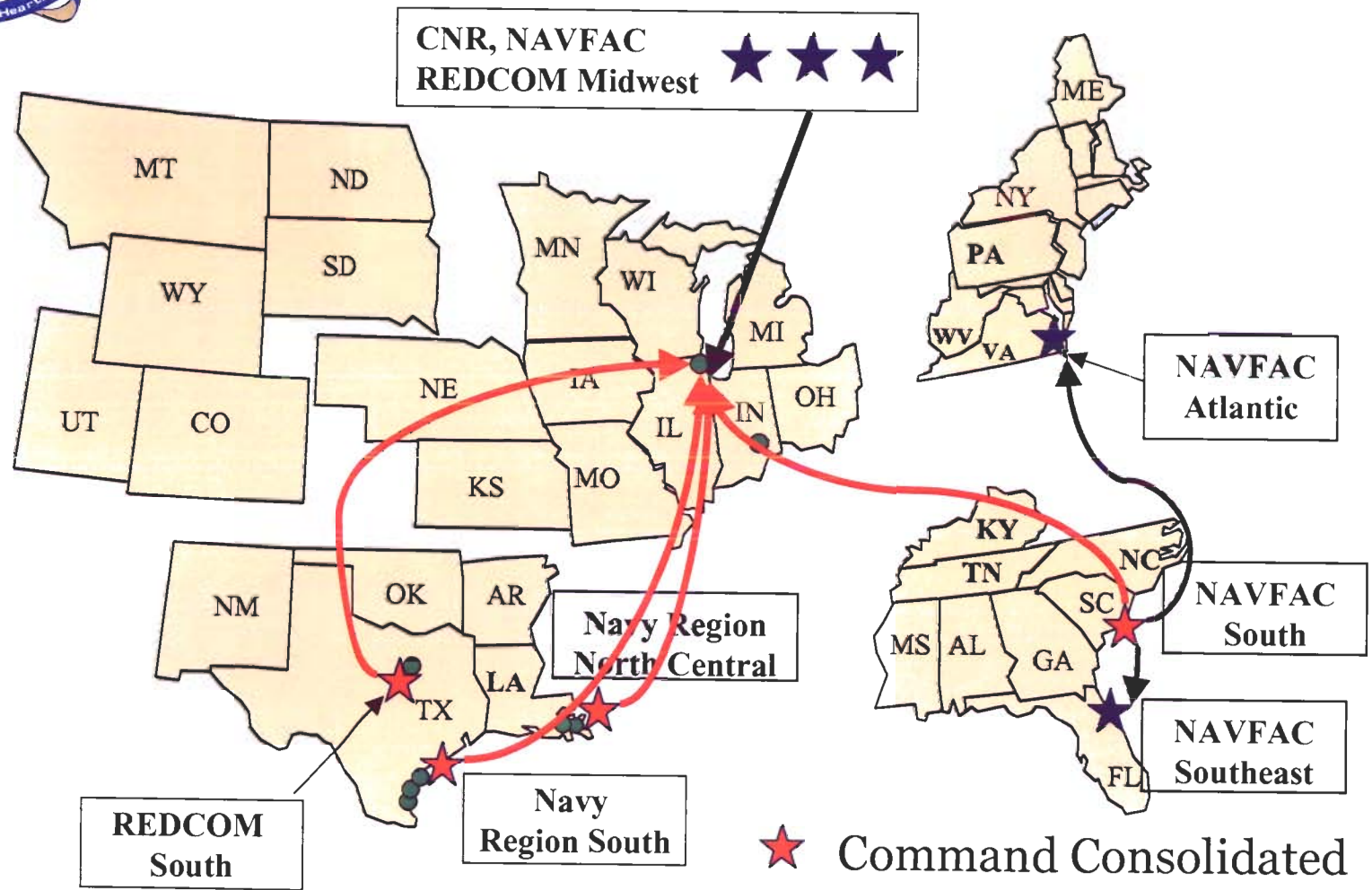


Today's Misalignment...





Creates Opportunities for Efficiency





Consolidated Shore Installation Management at Great Lakes

- Aligns Supporting Command (NAVFAC) and Supported Commands (CNR, REDCOM)
- Allows business process alignment and standardization
 - 16 Regions too many
- Achieves Efficiencies and Economies of Scale by eliminating four existing commands/organizations and integrating their capabilities into existing commands
- Minimal transition costs
 - Excess Administrative space exists at NAVSTA GL
 - Historic admin facilities already funded for renovation



NAVFAC Midwest – BRAC Impacts

- Consolidates Facilities Engineering Support Capabilities and Resources
- Efficiency gained by eliminating extra requirement for **coordination and travel**
- Effectiveness improves by establishing, maintaining, and utilizing resident facilities expertise
- Savings gained by billet reductions at NAVFAC SOUTH

Naval Hospital Great Lakes

Navy Medicine Starts Here



Command Brief

for

The Honorable Samuel K. Skinner
BRAC Commission

2 June 2005

CAPT M. H. Anderson

Commanding Officer

Naval Hospital Great Lakes



NHGL Mission



We are committed to:

- **Operational readiness through training and Force Health Protection**
- **Excellence in Recruit and student health**
- **Comprehensive healthcare for all who are entrusted to our care**

VISION



Naval Healthcare Great Lakes creates an environment of excellence to build a mission ready, healthy, educated force. Through the most progressive federal partnerships, we are leaders and stewards who ensure comprehensive wellness, prevention and healthcare services to all entrusted to our care.

Population Served



TRICARE Prime Site Locations	Total Eligible		Enrolled Benefic's With		% of Enrolles With A		% Eligibles Enrolled
	Bene's		MTF PCM	CIV PCM	MTF PCM	CIV PCM	
					TOTAL		
Great Lakes NH							
AD Empanelled	25,034		25,034	0	25,034	100%	100%
AD	7,884		7,659	225	7,884	97%	100%
ADD	11,988		10,113	789	10,902	93%	91%
NADD	16,200		3,956	284	4,240	93%	26%
NADD+65	7,296			0	0		
TOTAL	68,402		46,762	1,298	48,060	97%	70%

NHGL reduced its mandated catchment area to 30 miles based on an urban travel restriction.

Obtained from the MCSC
MCFAS report

MTF CLINICAL SERVICES



- Alcoholism Rehabilitation
- Audiology
- Cardiology
- Dental
- Dermatology
- ENT
- Family Practice
- General Surgery
- Gynecology
- Immunizations
- Internal Medicine
- Laboratory
- Mental Health
- Neurology
- Nuclear Medicine
- Nutrition
- Occ Health/IH
- Ophthalmology
- Optometry
- Oral Surgery
- Orthopedics
- Overseas Screening
- Pediatrics
- Pharmacy
- Physical Examinations
- Physical Therapy
- Podiatry
- Prenatal
- Preventive Medicine
- Primary Care
- Radiology
- Social Work
- Sports Medicine
- Urology

FY 2003 Health Care Delivered



USS TRANQUILLITY



HEALTH CARE
SERVICES FOR
RECRUITS

157,078 annual visits

USS RED ROVER



RECRUIT MEDICAL
INPROCESSING

32,826 annual visits

FISHER CLINIC



HEALTH CARE
SERVICES FOR SSC,
OSS, OCC
HEALTH/PREV MED
60,978 annual visits

NAVAL HOSPITAL



180,002 annual visits

Total Ambulatory Visits

430,884

Inpatient Days

MED/Surg 2,814

Mental Health 2,318

MTF STAFFING



• The Naval Hospital, Great Lakes is staffed with the following as of APR 2005:

• Military				
-Officers	277			
Physicians		57	(29 Civilians)	
Dentists		72	(23 Contract)	
Nurses		90	(15 Civ Nurses)	
Other		58		
-Enlisted	801			
DepMeds		92		
• Civilian		525		
GS/WG		307		
Contract		218		
Total	1603			

DoD BRAC Recommendations



- **Naval Hospital Great Lakes reduces its mission to an Ambulatory Care Clinic at Naval Station Great Lakes.**

Current Demographics for Region



- Authorized bed strength 25
- Eliminated Beds 25
- Community beds available NDMS immediate occupancy 600
- Projected change in travel time 0
- Increase in Health Care Costs 0
- Medical Research impacted by changes 0
- Closest Military Medical Center 350 miles
(Scott AFB)

Demographics 5 years



- Occupied Bed days 27,825/5yr
- Inpatient utilization/dispositions 5,942/5yr
- Recruit-Student Inpatient Usage/dispositions 2,287/5yr
- Veterans Inpatient Usage fy03-04 53/2yr
- Retiree-Dependent Inpatient Usage 1,874/5yr
- Emergency Room Visits 100,046/5yr

Naval Hospital Support



Great Lakes

Support to Hospital Corpsman “A” School

- All Food Service
(over 2,000 meals
a day)
- Clinical Rotations
- Laboratory
Training
- Berthing



Naval Hospital Support



Facility support to:

- Dental Research (Bldg 1H)
- Military Medical Support Office (MMSO)
- Navy Drug Laboratory (Bldg 38H)

NHGL – VANCMC Sharing



HEC/BRAC Impact To NHGL Services



- **Eligible DoD Beneficiaries will receive tertiary care and inpatient services through a Fully Integrated Federal Healthcare Facility at NCVAMC as mandated in the EDM signed 27 May 2005.**



Phase III
ER, Per Full Integration ed/Surg
Demonstration Project FY 2010



Health Executive Committee (HEC)



- Executive Decision Memo dated 16 October 2002.....
- NCVAMC to provide all OR, Mental Health & Medical/Surgical inpatient, and ER services
- VA to fund renovations (\$13M) to Surgical and PACU suites, as well as Emergency Department areas in anticipation of receiving DoD beneficiary workload
- Navy to construct a NACC on NAVSTA Compound
- Develop sharing agreements between DoD and VA

History Of HEC Implementation Plan



- **October 2003-Closure of NHGL Inpatient Mental Health Services and transfer of care to NCVAMC**
- **July 2006-transfer of Inpatient Medical/Surgical Services to NCVAMC**
- **July 2006-transfer of Peri-operative Services to NCVAMC**
- **July 2006-transfer of Emergency Room Services to NCVAMC**

Phase II Implementation Plan



Personnel Savings to NHGL: 143

Annual Cost Avoidance to NHGL: \$2,787,813

Est. Savings for 40 year life cycle: \$112,000,000

Renovation of 200H:

\$110,000,000

NACC Construction on NAVSTA: \$137 million

Phase II & III Staff Losses



- 143 FTEE will be reduced through the phase 2 integration.
 - 60 FTEE will be gained at the NCVAMC to accommodate the increase in workload.
- An additional 100 FTEE (VA & DoD) will be reduced through the full integration of both Medical Centers.

Proposed Governance Diagram



Phase III Savings to Federal Government



- Total reduction of 183 FTEE positions
 - save approximately \$7 million annually
 - \$280 million savings over the 40 years
- Cost of new construction and renovation of NCVAMC spaces:
 - \$100.5 million
 - Demolition of 200H: \$18 million

- Total projected savings for this project over 40 years:

\$162 million



Healthcare Delivery Systems



- **Maintained**
 - Through the new Federal Healthcare Facility there will be no loss of current services.
- **Added**
 - **Gastroenterology**
 - **Rheumatology**
 - **Endocrinology**
 - **Infectious Disease**
 - **Pulmonary Medicine**
 - **Cardiology**

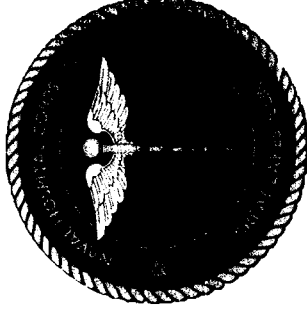
Questions?







Naval Hospital Corps School



CAPT M. H. Lemon
Commanding Officer
June 01, 2005



Navy Medicine's Education and Training Alignment



**NSHS
San Diego**

**NSHS
Portsmouth**

**NHCS
Great Lakes**



**NOMI
Pensacola**

**NMETC Headquarters
Bethesda**





NHCS History



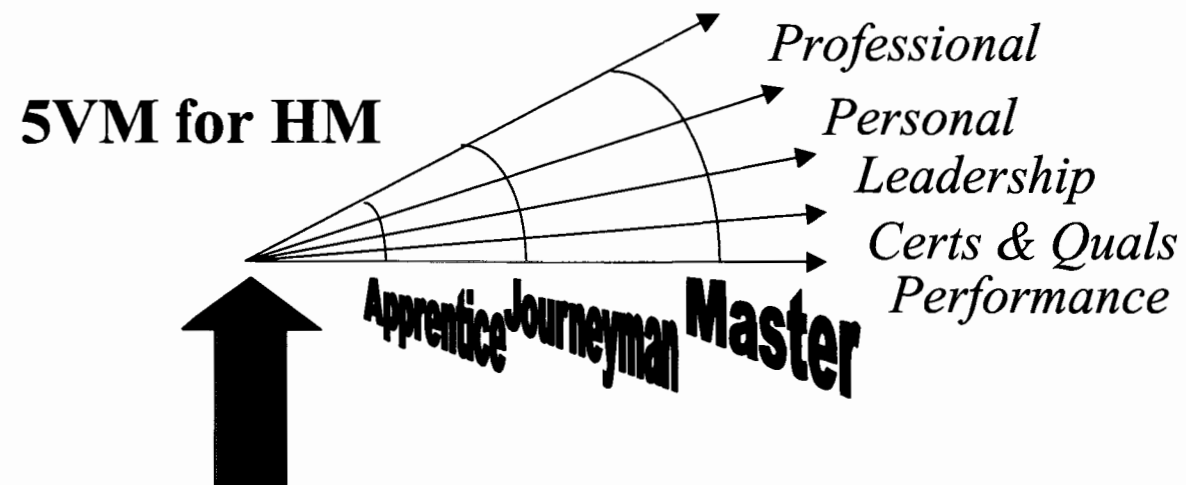
- HM Rating established 1898
- NHCS established 1917
 - One of the first two schools at NAVSTA GL
- Consolidated NHCS “A” school San Diego to Great Lakes - 1997
- Merging of DT rate with HMs - 2005



Mission

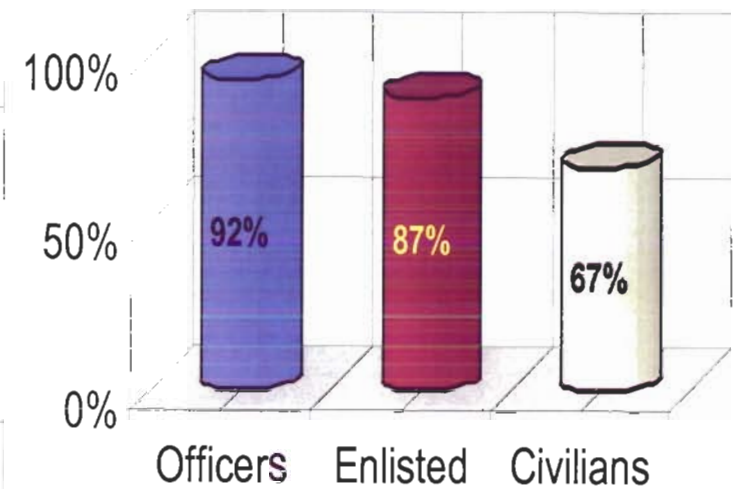
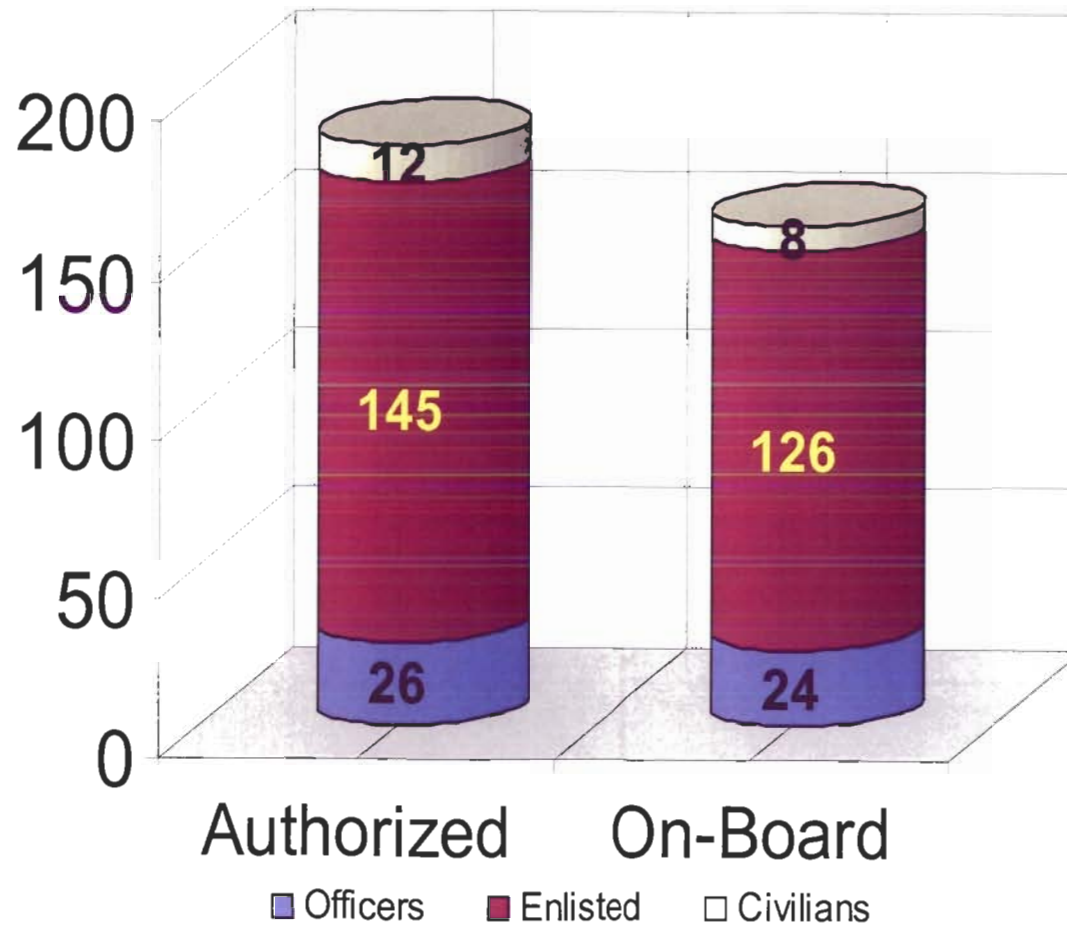


- To train Sailors to perform as Basic Navy Hospital Corpsmen who enter the 5 Vector Model at the apex of the apprenticeship level





Manning (Snapshot: May05)



Source: EDVR (POB1 0505), ODVR & AMD



FY05/06 Gains



- +22 Dental Tech billets from Shepard AFB
 - 3 Admin
 - 19 Instructors (9502)

- +2 Surgery Tech Billets from NMETC – 9502

Source: NMETCINST 1553.1, CNETINST 5310.4E



Navy Military Training/Sailorization



- Governing regulations:
 - OPNAVINST 1500.22E and CNETINST 1540.20
- Provides follow-on Navy/military training after boot camp
- Prepares a new enlistee to function as a **Sailor**
- Formal Curriculum
 - 10 core topics
 - 28 other topics
- Positive Military Environment
- Professional Military Staff



HM/DT Merger



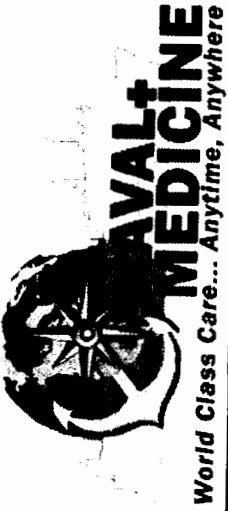
-
- Rationale for HM/DT merger
 - BUPERS does not maintain a rating with less than 2000 personnel
 - Increase wartime medical capabilities of dental technicians
 - Better advancement opportunities for dental technicians
 - Pilot revised curriculum June 2005
 - Expected +300 Dental Technician students annually
 - Full implementation beginning FY06
-



Dental "A" Strand



- Dental Technician follow-on training
- Focus: basic dental chair-side assisting
- Reasons for pullout at Shepard Program
 - Minimal clinical practice during program
 - Lack of flexibility in quota control
- 5 week curriculum
- 20 students class



Reserve Integration



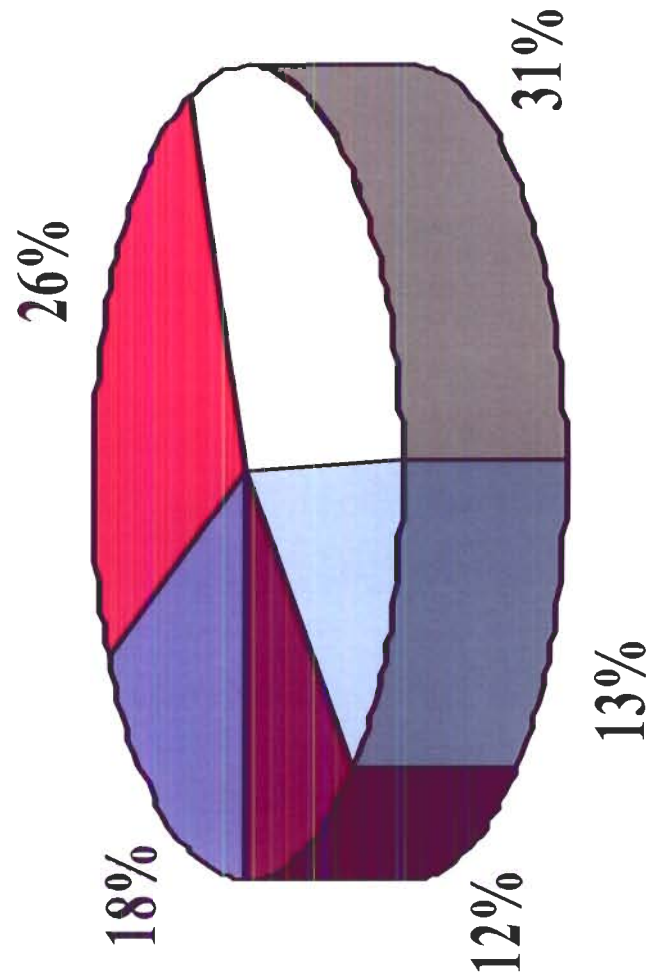
- Resident training when funding available
- On-line curriculum developed by Raytheon Corp.
 - Didactic done at reserve centers
 - 2 week clinical skills testing at NHCS
- Raytheon product will need revision with Dental Tech merger
- Army/AF train reservists by resident training only



14 Week Curriculum

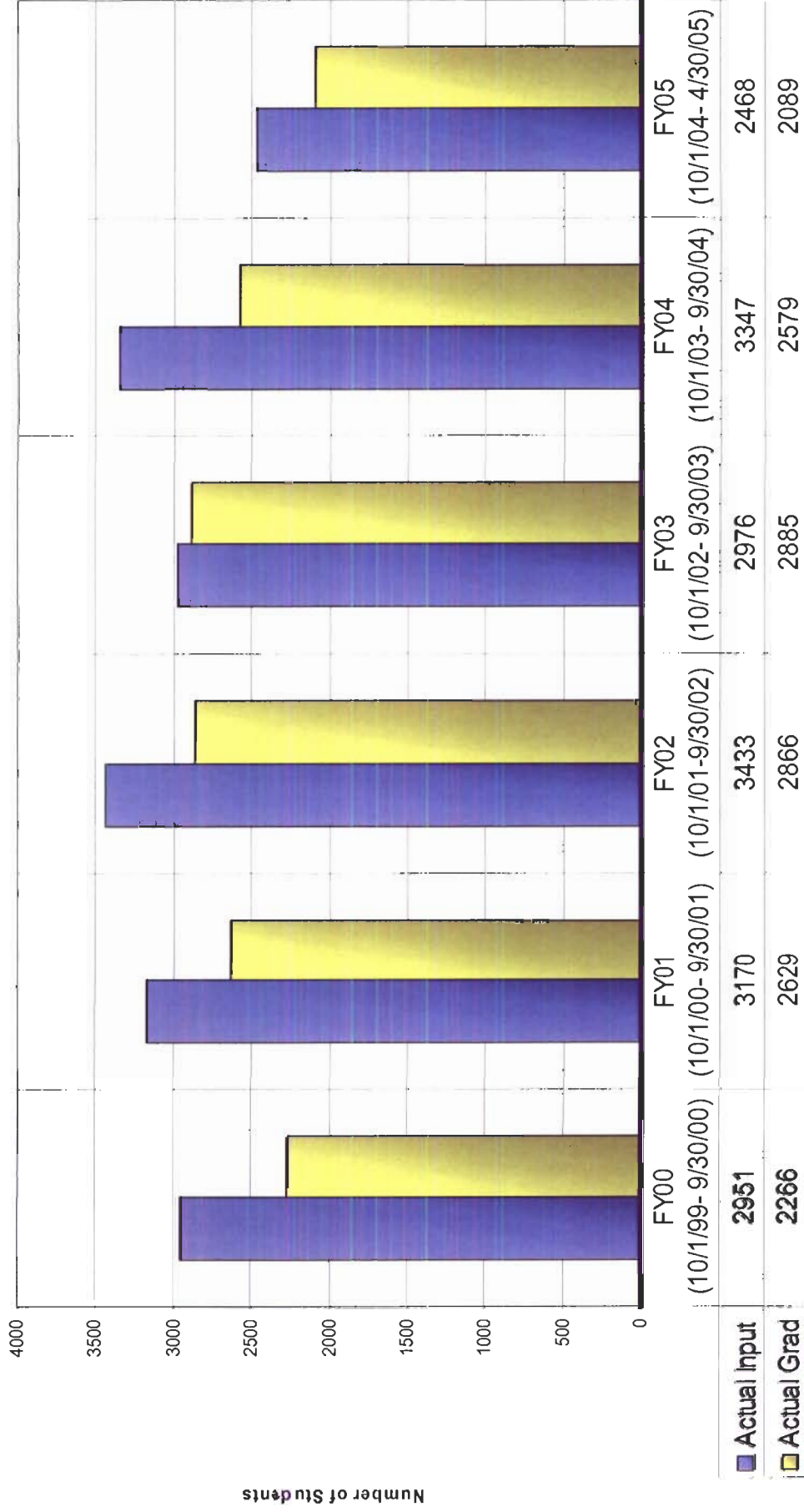


- Fundamentals
- Emergency Care
- Nursing Procedures
- Clinical Rotation
- NMT/Health Promotion





FY Comparison Student Numbers

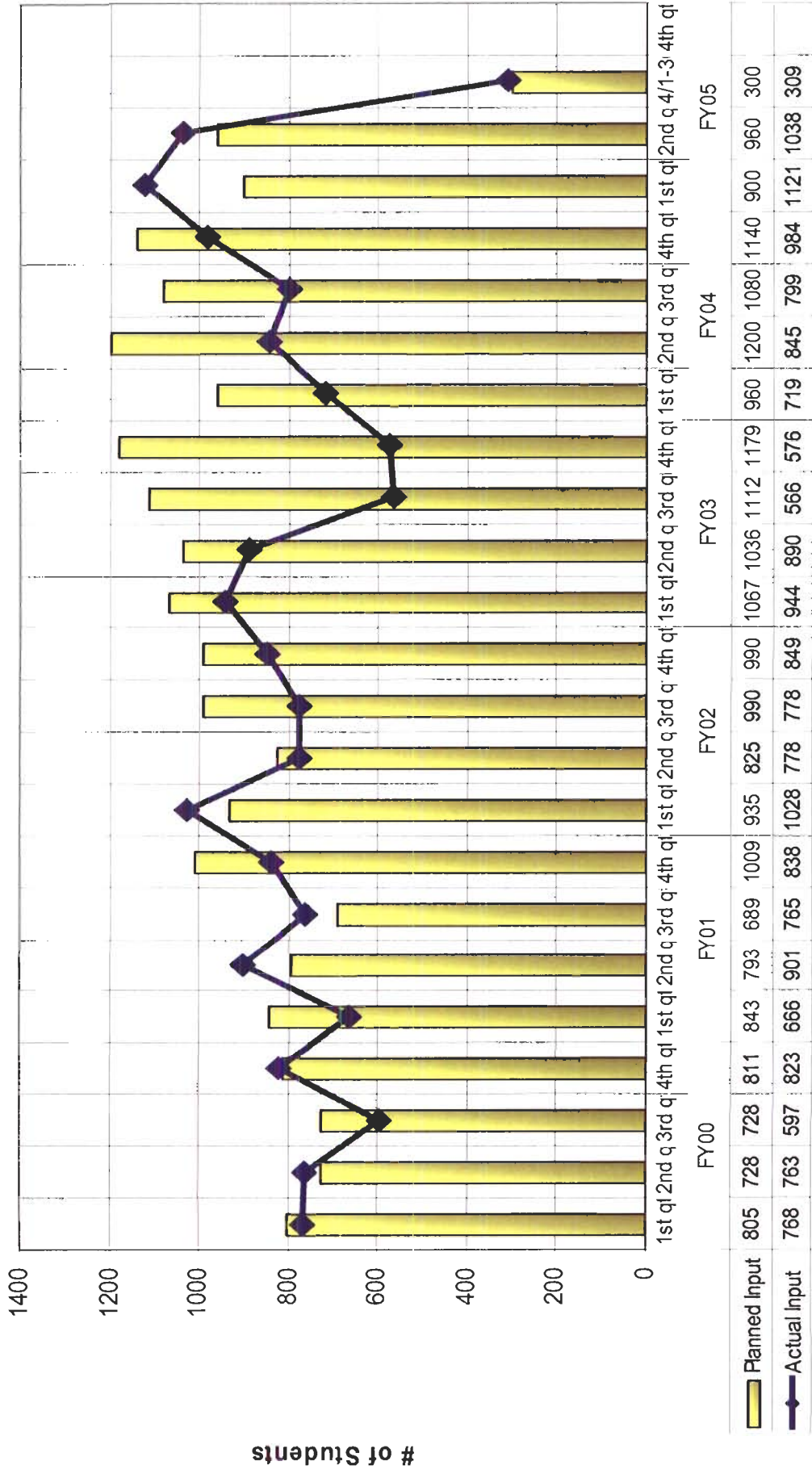


Increased student load of 4850 is projected out to 2011

Source: CETARS Report TST810R



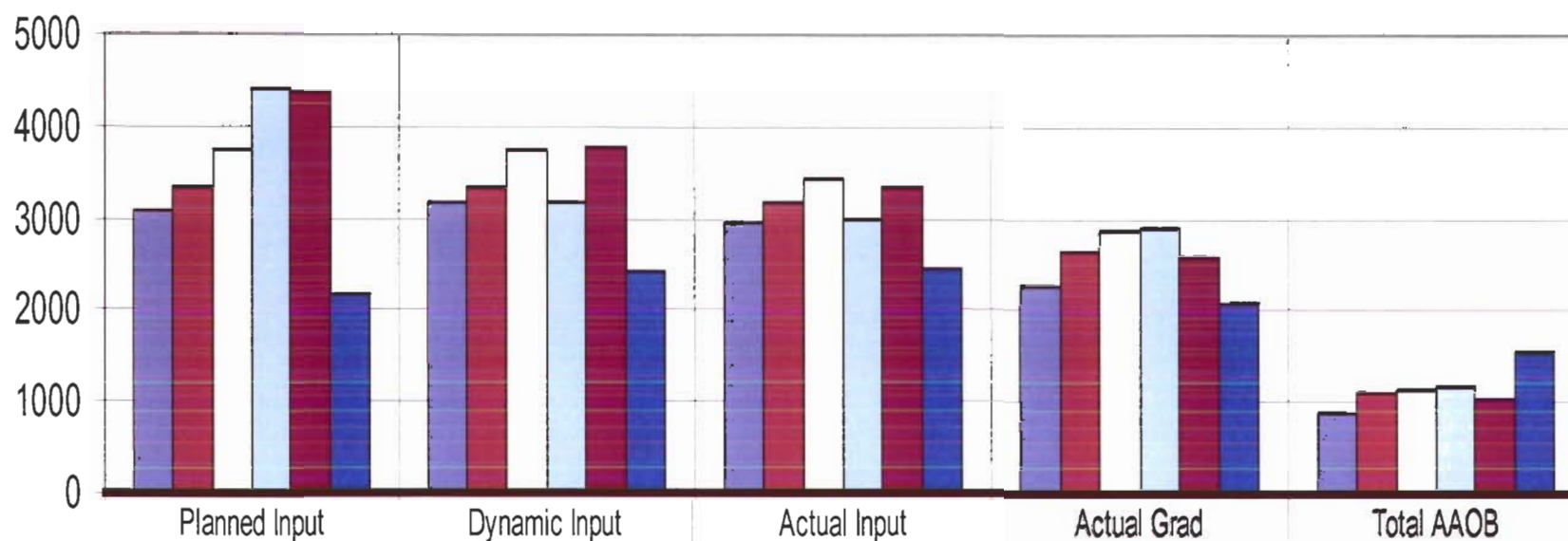
FY Comparison Student Numbers



Source: CETARS Report TST810R: Quarterly Comparison: Planned & Actual Input



FY Comparison Student Numbers



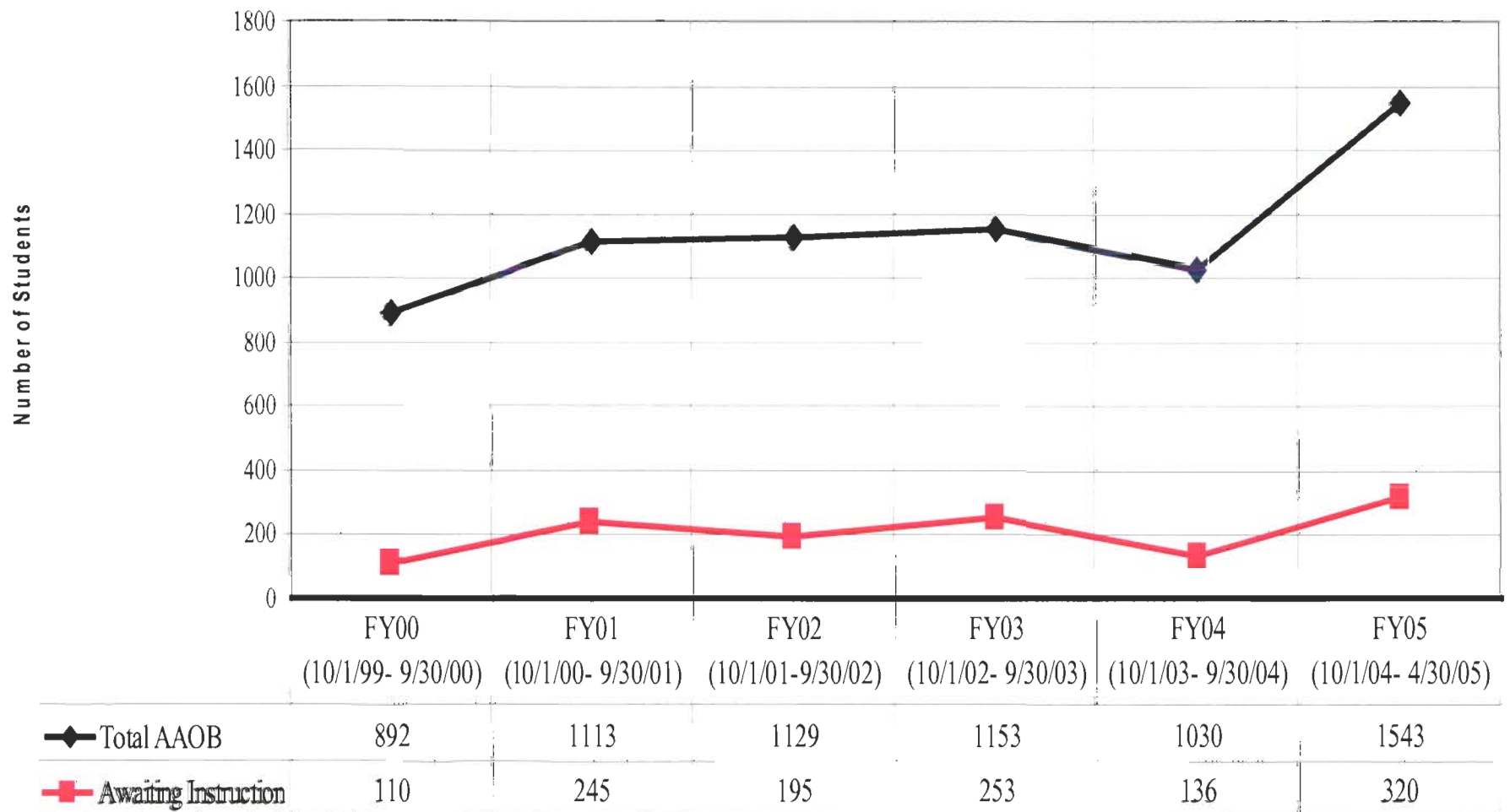
	Planned Input	Dynamic Input	Actual Input	Actual Grad	Total AAOB
FY00 (10/1/99- 9/30/00)	3072	3183	2951	2266	892
FY01 (10/1/00- 9/30/01)	3334	3348	3170	2629	1113
FY02 (10/1/01-9/30/02)	3740	3739	3433	2866	1129
FY03 (10/1/02- 9/30/03)	4394	3171	2976	2885	1153
FY04 (10/1/03- 9/30/04)	4380	3759	3347	2579	1030
FY05 (10/1/04- 4/30/05)	2160	2433	2468	2089	1543

Source: CETARS Report TRST810R



FY Comparison

Actual Average on Board

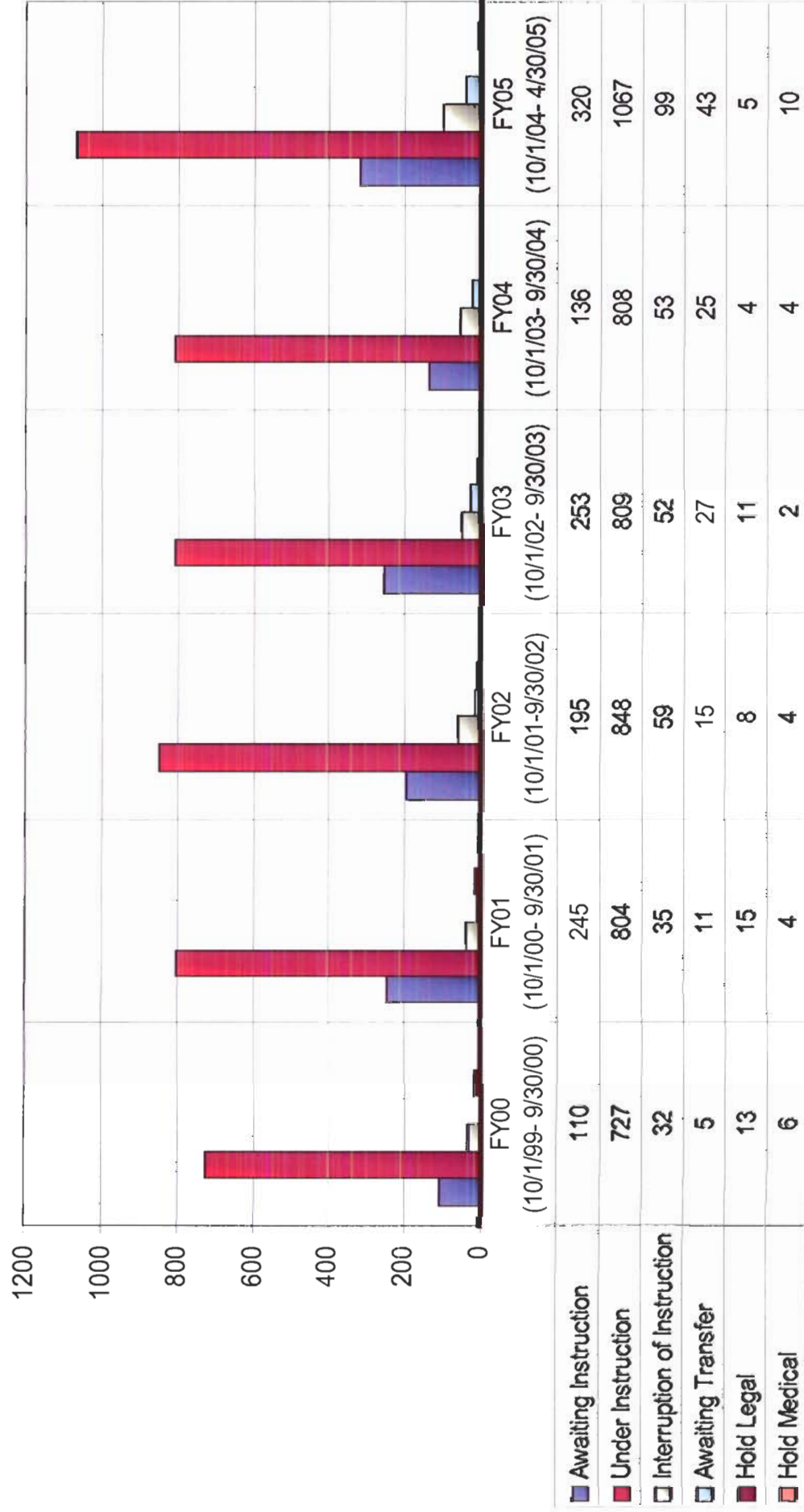


Source: CETARS Report TST810R



FY Comparison

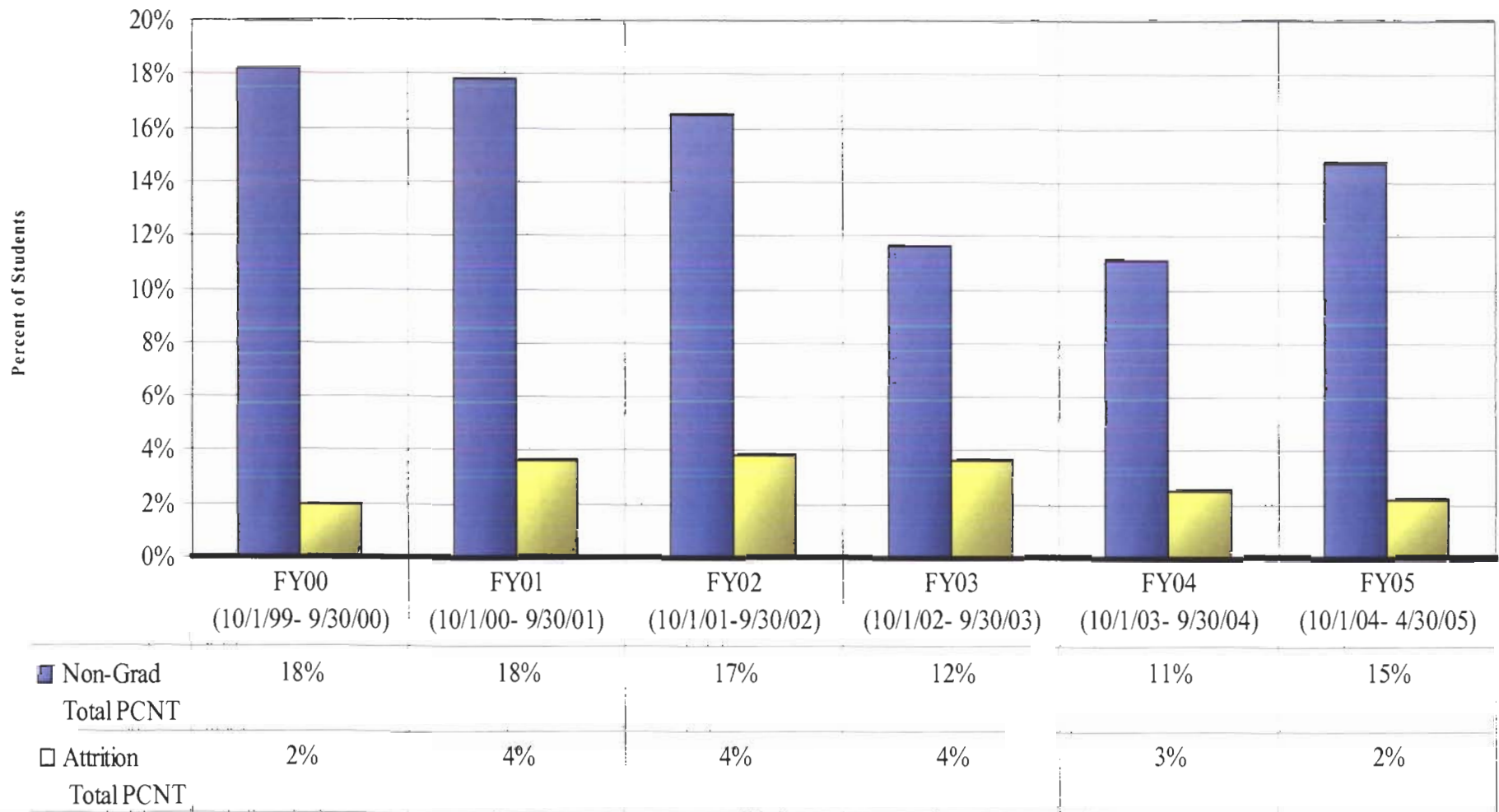
Actual Average on Board



Source: CETARS Report TST810R



Non-Graduates & Attrites

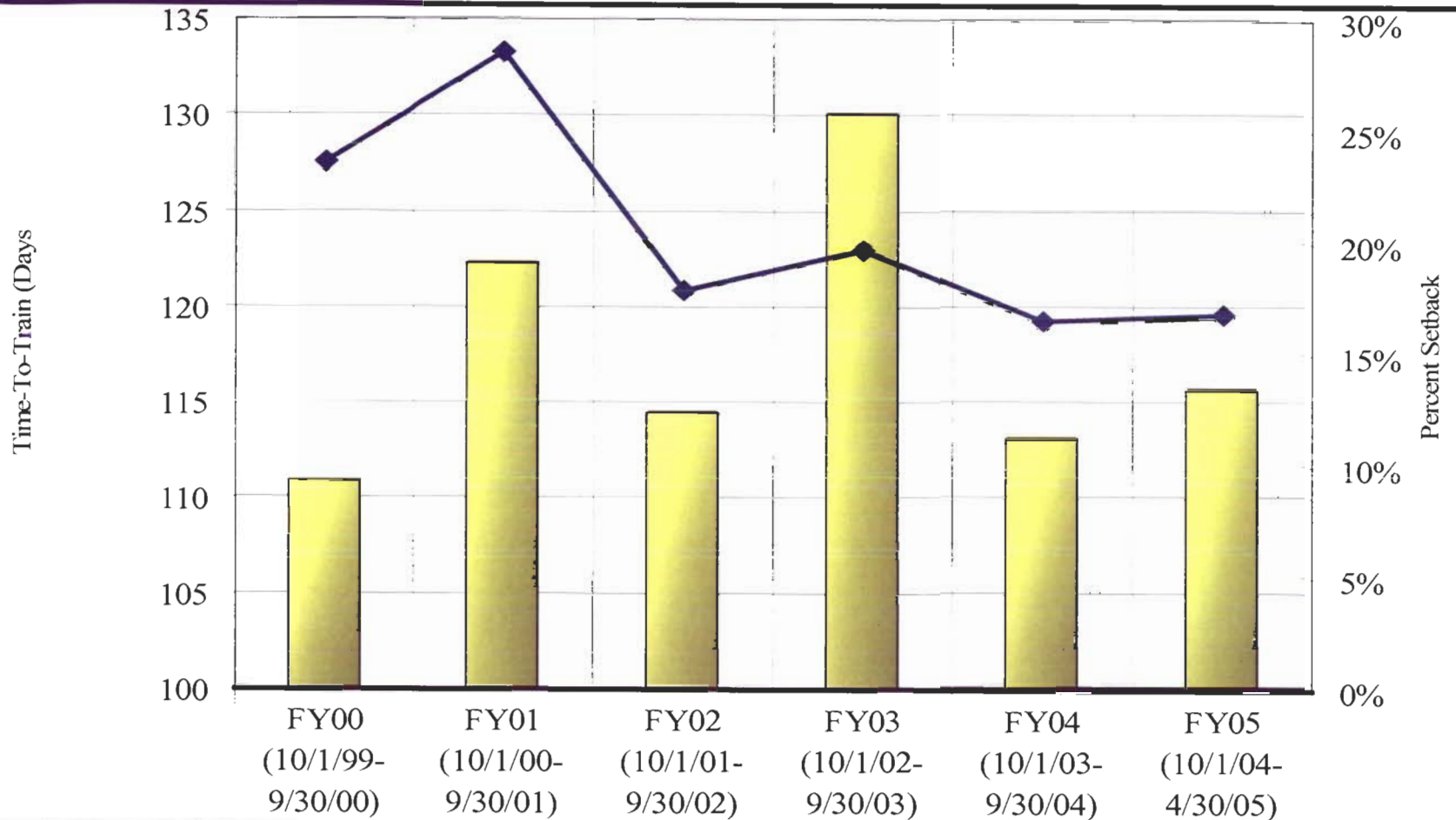


Source: CETARS Report TST810R



FY Comparison

Time-To-Train & Percent Setback

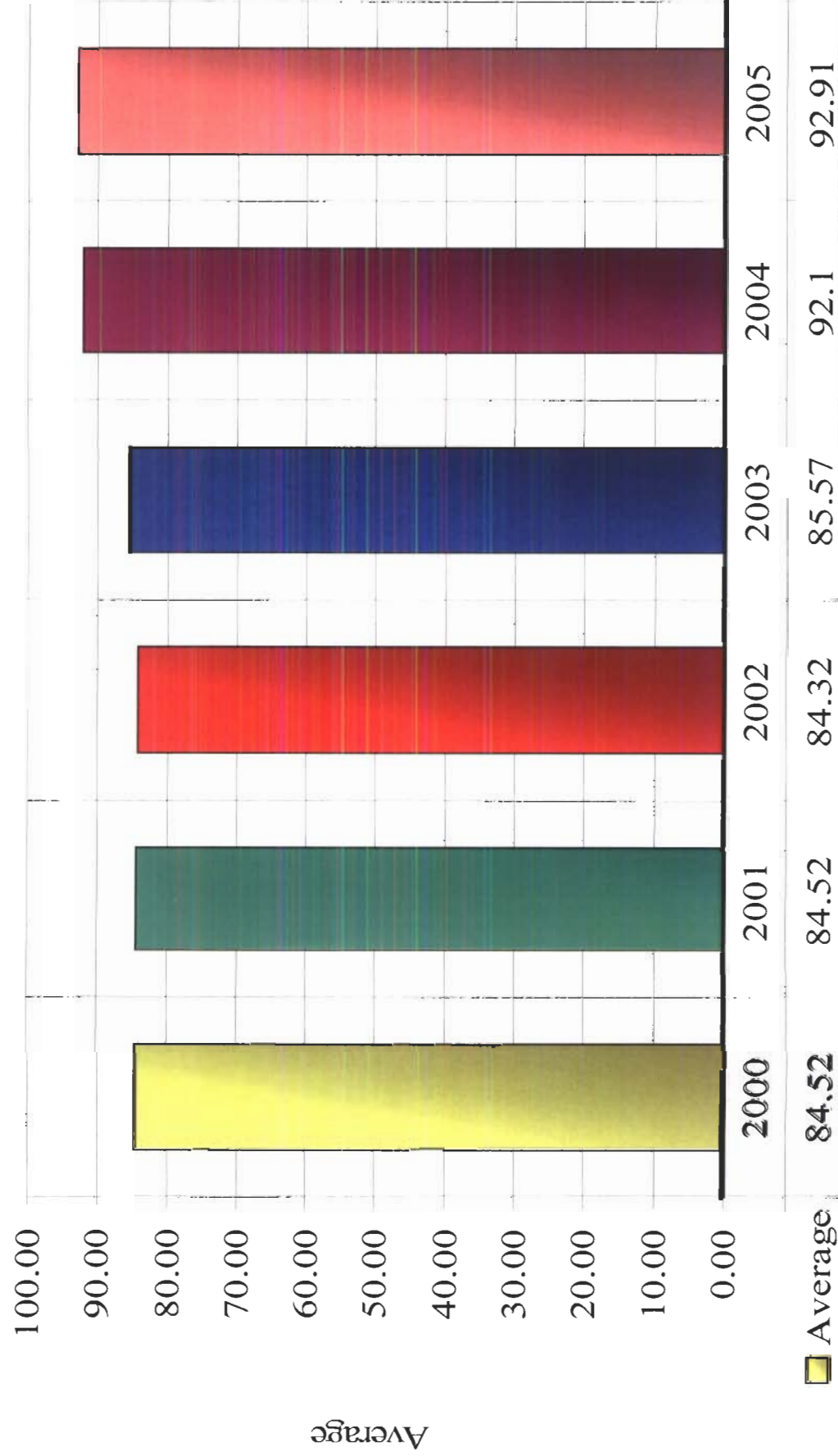


Time-To-Train	111	122	115	130	113	116
Setback %	24%	29%	18%	20%	17%	17%

Source: CNET Report 1510-1 (TTT959R) & CETARS Report TST810R



Grade Point Average



Source: CETARS Discoverer Report



Cost to Train



Classroom Instructor Led Training:

- 96 days x \$141.37/student/day = \$13,571 (ideal)
- 103 days x \$141.37/student/day = \$14,561 (w/ 1 week indoc)
- 113 days x \$141.37/student/day = \$15,833 (actual IA FY04)

Blended Learning:

- 72 days x \$141.37/student/day = \$10,179 (ideal)
- 79 days x \$141.37/student/day = \$11,168 (w/ 1 week indoc)
- 97 days x \$141.37/student/day = \$13,713 (actual IA FY05)

Source: NPDC student cost standards



Cost To Move



- Bachelor Enlisted Quarters Furnishings \$2.8M
 - 80 single person rooms for fleet returnees
 - 380 4-person rooms for E-4 and below
 - Initial outfitting cost required +\$\$
 - Current furnishings beyond cyclical replacement
- HM Historical Center \$9.1K





Cost To Move



- Total Tonnage for Move 138 Tons
- Information Technology 94 Tons
- Academics 30 Tons
- Audiovisual, Teleconferencing, TV Studio 14 Tons





Tri-Service Program Comparison



	Navy	Army	Air Force
Annual Input	4850	7000	2800
Weeks	14	16	14
Instructor/ Student Ratio	<u>Didactic</u> 1:60 <u>Lab</u> 1:8 Non-invasive 1:6 Invasive	<u>Didactic</u> 2:60 <u>Lab</u> 1:6 Non-invasive 1:4 Invasive	<u>Didactic</u> 1:25 <u>Lab</u> 1:8
SimMan	32	132	2
EMT Curriculum Hrs	151	200	229
Graduate Status	Basic HM Certificate	National Registered EMT	National Registered EMT College credit

Army and Air Force data based on 2003 site visit



Benefits/Advantages



- Students
 - Potential College Credit
 - EMT
 - Standard Curriculum

- Staff
 - Efficiencies in equipment/facilities
 - Efficiencies in manpower, dollars and operational readiness

- Share resources

- Curriculum integration



Optimal Outcomes



- Joint war fighting capabilities
- Integration between services
 - Broad implications for detailing to a need versus a service specific billet
- Improve delivery systems for all basic medical training
- Eliminates redundancies and training inconsistencies
 - Uniformity of instruction



Impact on Mission Capabilities



- Decreased throughput during transition
- Civilian personnel assets
- Surge capacity





Implementation Considerations



- Infrastructure Fort Sam Houston
 - BQs full
 - Using trailers for classrooms
- Facility Construction
 - BQs: fleet returnee standard vs E4 & below
 - State-of-the-Art ILE classroom
- Cost of 3 PCS moves in 1 year
 - RTC, A School, & 1st Duty assignment
- Base Ops and Support
 - PSD at Ingleside/Corpus Christi, TX
- Rear Party for closure of current facilities



Implementation Considerations



- No specific curriculum recommended by JCSG
- ITRO may be the structure to work within
- Need for early joint working team to integrate curriculum and command structure/organization
 - Future of integrated learning (ILE)
 - Future of HM/DT merger
 - Quality of DT training
 - Differences in reserve training philosophy
 - Loss of Sailorization
- Critical that each school have senior representation on integration team
- NETC/NPDC Revolution-In-Training advances
- Joint venture vs co-location



Expected Implementation

- Single year 2008

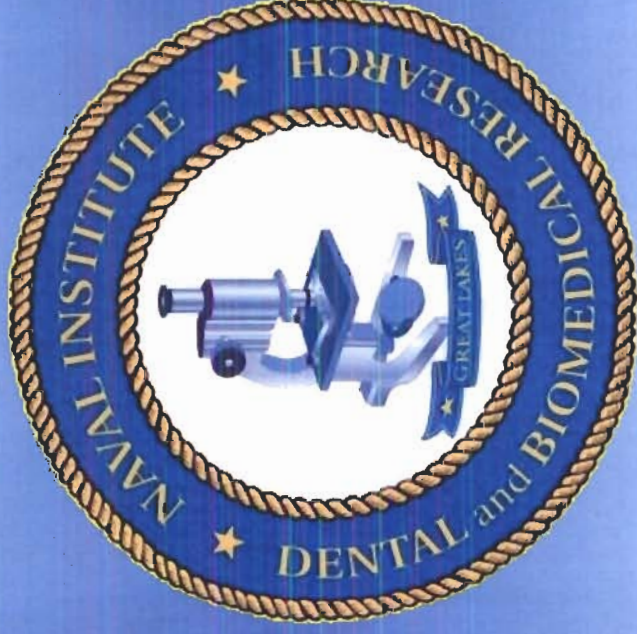




Questions?



**NAVAL INSTITUTE for
DENTAL and BIOMEDICAL
RESEARCH**



CDR Stanton E. Cope, MSC, MS, PhD
Commanding Officer

847-688-4678

secope@nidbr.med.navy.mil

Executive Officer
CAPT Steven Sidoff, DC

Technical Director
CAPT Dale Ehrlich, DC

Military Dental Research Center



Military Dental Research Center

- Center of Excellence For All Military Dental Research
- Co-location Driven by Previous BRACs
- About 100 total personnel
- Separate Command Structures
- Separate Funding Streams Except Congressional Add
 - AF DIS is Program 8 Funds = Not R&D
- Several Collaborative Projects
- Currently Housed in Original Hospital Building - 1911
- ~ 19 Support Services Provided by NAVHOSP GL



Why Dental/Biomedical Research?

- **Dental casualty rate**
- **Dental care anytime, every time, anywhere**
- **First responder treatment**
- **Environmental issues**
- **Evidence-based decisions**
- **Salivary diagnostic research capability**
- **Ready Access to Recruits**



Guiding Principles



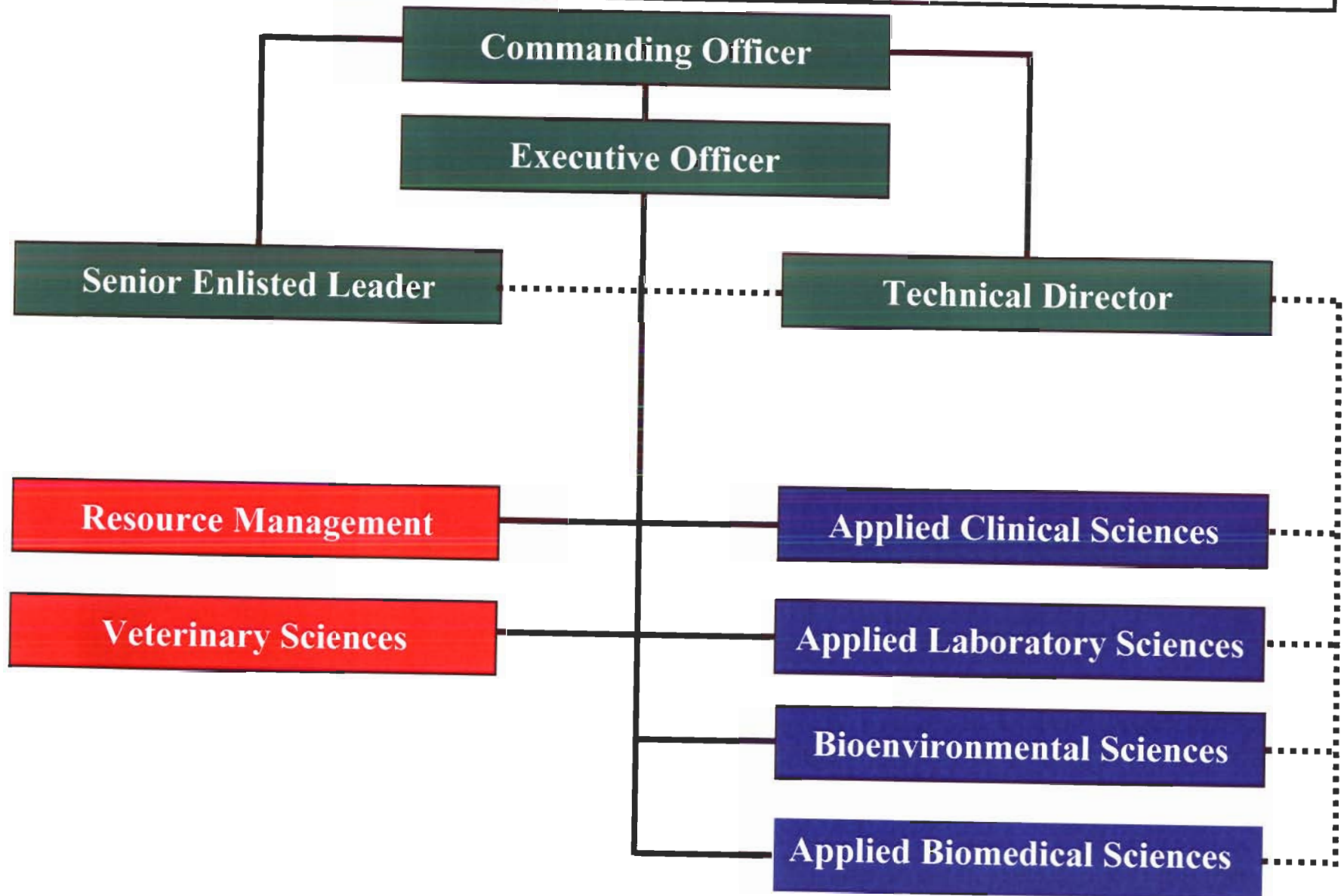
Military Focus

Scientifically Sound Research

Requirements/Products Driven



NIDBR Organizational Chart



Facilities

Naval Station: Buildings 1-H, 43-H

Recruit Training Center: Osbourne Clinic, USS Constitution

North Chicago VA: Building 1





NIDBR Project Highlights

Applied Clinical Sciences



- **Forward Deployable Dental Dressing**
 - **Completed Material Formulation (disclosed)**
 - **CRADA for Optimization/Delivery System**
 - **Clinical Testing**

- **Evaluation of The ADAL 662 Field Dental Operator**
 - **Laboratory and Field Testing**
 - **Collaborative Project with DIS**
 - **Three Equipment Sets – Overlapping Phases**
 - **DOMC Driven**

- **Evaluation of Sand From Middle East**
 - **Collections From Kuwait and Iraq**
 - **Chemical, Biological, Physical Analysis**
 - **ONR Funded**



NIDBR Project Highlights

Applied Biomedical Sciences



- **Validation of Dental Classification System**
 - **Tasking from M3D/SG Interest**
 - **Digitize Records; Enumerate Dental Emergencies**
 - **Determine Optimum Examination Cycle**
 - **Evaluate Readiness Metric?**
 - **Electronic Emergency Treatment Log/Database**

- **Reduction/Prevention of Stress Fractures in Female Recruits**
 - **3-5% of Recruits Develop Severe Stress Fractures**
 - **Efficacy of Supplementation with Vitamin D/Calcium**
 - **DoD Funded**
 - **CRADA with Creighton**
 - **6,000 Subjects; PQCT Testing**



NIDBR Project Highlights

Applied Laboratory Sciences



- **Salivary Diagnostics**
 - **Rapid, Hand-Held, Non-Invasive, Deployable**
 - **Lateral Flow and Fluorescence Polarization**
 - **Anthrax Immune Status, Tuberculosis, Dengue**
 - **Grant For Optimization of LF Test for Anthrax**
 - **CRADA for Optimization/Ruggedization of FP Meter**
 - **Testing of COTS Assays/Assay Development**
 - **Major Articles in Military Medicine, Military Medical Technology and Int. Rev. Armed Forces Med. Services**
 - **ONR Funded Under Warfighter Protection FNC**
 - **WHO Funded for Proof of Principle**



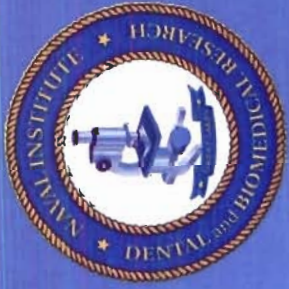
NIDBR Project Highlights

Bioenvironmental Sciences



- **Mercury Abatement**
 - **Tasking from Chief of Dental Corps**
 - **Program 8 Funds Through NEHC**
 - **4th Year; CONUS Surveys Complete**
 - **95% CONUS Installations - CY 04**
 - **6.4 R&D Component - Chairside Filter**
 - **Congressional Testimony**

- **Education and Training Efforts**
 - **EPA Funded**
 - **Website for Dental Mercury (<http://amalgamrecycling.org/>)**
 - **Professional Presentations**
 - **Best Management Practices DVD**



NIDBR

Other Areas of Research



- **Biofilm Elimination and Prevention**
- **Hydroxyapatite-Bone Augmentation**
- **Chronic Orofacial Pain**
- **Treatment of Acute Inversion Ankle Sprains**
- **Biofilms in Dental Unit Water Lines**
- **Mercury Vapors in Dental Operator**
- **Cortisol Levels in Military Watchstanders**

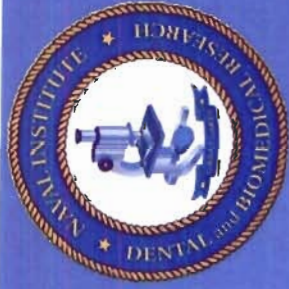


NIDBR

Recent Products



- **Dental Triage CD-ROM**
- **Dental Image Quiz CD-ROM**
- **Point Papers to Chief of the Dental Corps**
- **Best Management Practices for Amalgam Waste DVD**
- **Mercury Abatement System Installations**
- **Joint Research Symposium With VA/NAVHOSP/RFU**



NIDBR

Success Stories

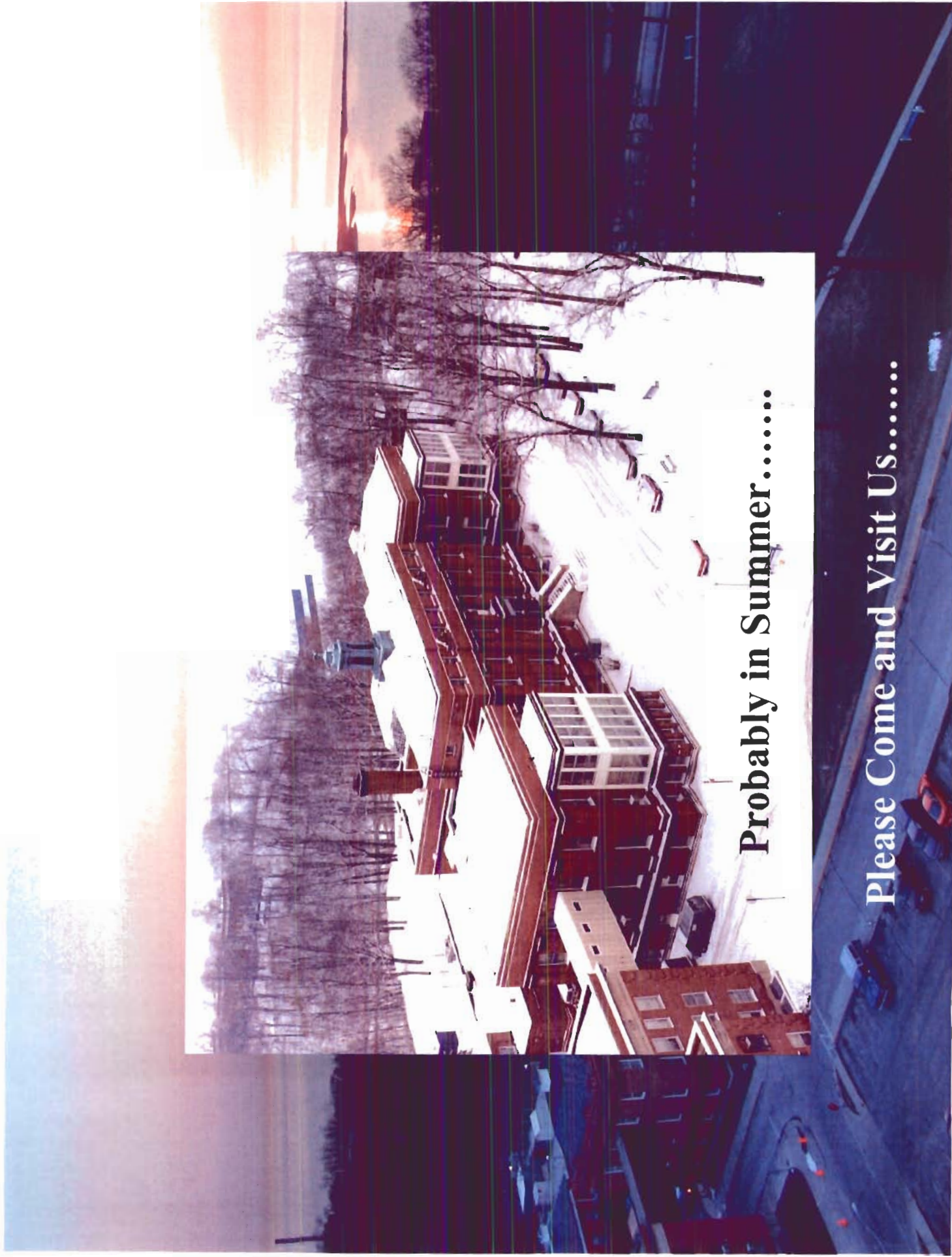


- **Kuwait and Okinawa Deployments**
- **EPA Award for Waste Minimization May 2004**
- **AAALAC Accreditation**
- **Amalgam BMP DVD With EPA and ADA**
- **Broader Funding Base**
- **Collaboration with DIS**
- **Aggressive Public Affairs Campaign**
- **Dental Research Alignment Council (DRAC)**
- **Validation Laboratory for CDC ELISA – Anthrax**
- **TB Lateral Flow Prototype at 90% (N = 60)**
- **Sharing Agreement with VA Hospital**

Military Dental Research Center

- BRAC 05 Directs Relocation of All Three Commands to Army Institute of Surgical Research (ISR), Fort Sam Houston, TX
- Creates COE for **Battlefield Health and Trauma** research
- Already Contacted by ISR re: Needs
- Expecting Substantial MILCON
- Impact of Relocation on NAVSTA GL Minimal





Probably in Summer.....

Please Come and Visit Us.....





United States Air Force

DENTAL INVESTIGATION SERVICE

Established in 1976

Attached to Brooks City-Base



School of Aerospace Medicine

Moved to Great Lakes in 2000



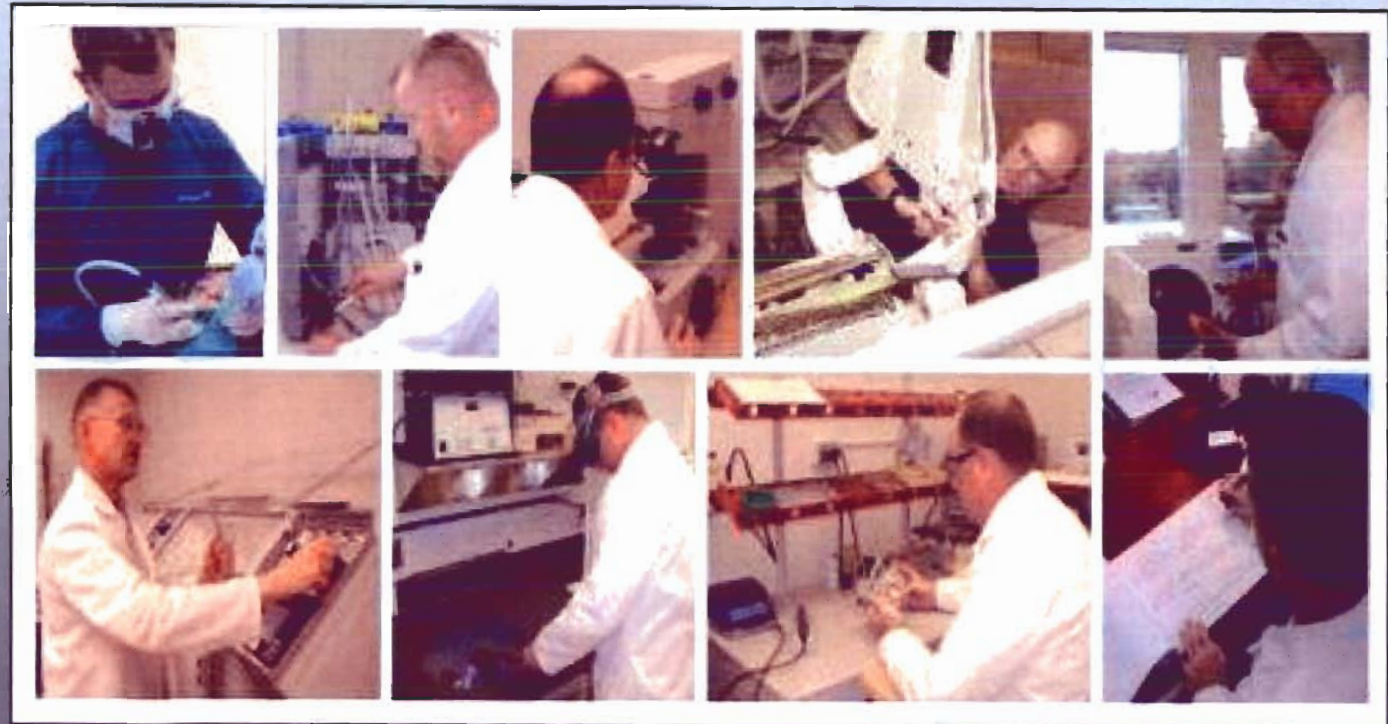
Manpower – FY05

- Officer 5/5 (DC officers)
- Enlisted 3/3
- Civilian 1/1 (GS5)
- Contract 2/2 (BMET, IT)
- Projected FY06 changes: lose 1 officer,
gain 1 civilian

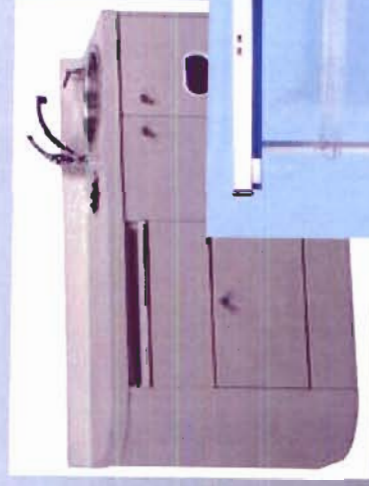
DIS MISSION: Provide solutions to operational problems of the USAF Dental Service and other federal dental agencies.



DIS MISSION: Plan and execute a diversified program of testing and technical evaluation of dental equipment and materials.



DIS MISSION: Provide guidance for policymakers on dental facility design, biomaterials, infection control, occupational health and environmental and safety issues.



DIS MISSION: Disseminate information to Federal Service Customers via the world-wide web ...

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Serving the federal dental community by providing unbiased product evaluations

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**Materials
Evaluation**

**Equipment
Evaluation**

**Facility
Design**

**Infection
Control**



Technical Evaluation

- Laboratory Evaluation
 - Products are tested in DIS laboratories for compliance with military specifications and/or national and international standards (ANSI/ADA, ISO)
- Clinical User Evaluations
 - Products are tested by users at federal service dental clinics to evaluate clinical handling characteristics and operational features

1 July 2005

**USAF Dental Investigation Service
official new name is:**

**USAF Dental Evaluation and
Consultation Service (DECS)**

Customers

HQ USAF/SGD

USAF Dental Service

Other Federal Agency Dental Services

USAF School of Aerospace Medicine

Air Force Medical Support Agency

Joint Readiness Clinical Advisory Board

Defense Support Center Philadelphia

Academic Affiliation Partners

Thank You

United States Air Force
Dental Evaluation and
Consultation Service

Dental Investigation Service



DSN 792-7676, 847-688-7676

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US Navy Culinary Specialist Training Relocation

Michael Geraci
Center for Service Support, N5A
01 JUN 2005



Background

- **14 July 2003- NPDC requested AETC relocate MSS to Davis Hall.**
- **18 July 2003- AETC informed NPDC that MSS would remain in Bldg 146 until new barracks become available.....**
- **08 Aug 03 - NPDC directed CSS to explore feasibility of moving MS A School to TSC GL as “expeditiously as possible”.**
- **15 Sep 03 - CSS submitted “Quick Look” assessment that sufficient barracks, office and classroom space exists at TSC GL, but a food teaching facility would have to be built, converted or outsourced.**
- **CSS prepared internal BCA with relocation options and cost estimates.**



Background

- **12 March 2004 – NTIP Workshop Directed CSS To:**
 - Provide a More Detailed Relocation Proposal at a Follow-up NTIP Meeting at Great Lakes on 20 April
 - Provide a Status Report to NPDC on 5 April
- **20 April 2004- Briefed Relocation Proposal to NPDC.**
Options Included:
 - Existing Gailey 535
 - Bldg 523 MR A School
 - Naval Hospital Galley
 - Empty Warehouse Space on Separate Part of the Base
- **3 May 2004- Received Concurring Recommendations from TSC GLakes and NAVSTA (Midwest Region) to Pursue Bldg 523**
- **NPDC Directed CSS Pursue a “Public-Private Venture”**
 - Private Sector Involvement (Financing) for the Development of the Facility



Background

- **22 July 2004 – NAVFAC MW provided in-house developed cost estimate for renovation of Bldg 523**
- **24 August 2004- NAVFAC HQ, Special Venture Acquisitions, determined that a public-private venture was not possible in this case**
- **31 August 2004- NPDC investigating possibility of “split funding” the project**
- **27 September 2004- Briefed NPDC (RADM Moran). Directed to proceed with relocation to Great Lakes and the remodel / renovation of Bldg 523. Authorized the expenditure of \$1.4M in FY04 \$\$**



Cost Estimates

	Lackland	Preferred Option BLDG 523	Great Lakes- Outsourced Foodlab
BBT to USAF (BOS)	\$403,000	\$0	0
BBT to USAF (Mission)	\$115,000	\$0	\$0
BOS Support	\$0	\$412,000	\$412,000
Mission Support	\$0	\$115,000	\$62,000
Tuition Costs	\$0	\$0	\$2,030,560
Annualized facility cost for FPV			
Instructional Services Contract	\$450,000		
Military A Instructors	\$1,105,000	\$1,105,000	\$715,000
NMT / Barracks Support to TSC	\$320,000	\$320,000	\$320,000
BAH Differential	\$0	\$133,500	\$101,460
Additional PCS costs	\$140,294		
Additional MALT costs	\$587,286		
Galley Lab Equipment		\$225,000	\$13,000
Facility Remodel / Renovation	\$0	\$1,192,300	\$13,000
First Year Costs	\$3,120,580	\$3,502,600	\$3,641,020
First Year Savings	\$0	-\$382,220	-\$3,641,020
Out Year Annual Costs	\$3,120,580	\$2,085,500	\$3,641,020
Out Year Annual Savings	\$0	\$1,035,080	-\$1,555,520
Savings over 5 years		\$3,758,100	-\$11,418,620
Cost Recovery Period in Years		1.37	



Cost Estimates

	OM&N NETC	MPN PERS	Annual Cost	One-Time Cost	Annual Savings	Years to Recoup
Remain at Lackland AFB	\$968,000	\$2,152,580	\$3,120,580			
All Military at Glakes	\$527,000	\$1,558,500	\$2,085,500	\$1,417,300	\$1,035,080	1.37
Glakes Outsourced Lab	\$2,504,560	\$1,136,460	\$3,641,020	\$13,000	-\$1,555,520	Never

Only Option
with + ROI



Cost Estimates

- **Renovations / Repairs**
 - NAVFAC Estimate of ~\$1.2M for Repair/renovation of Bldg 523 at Great Lakes
 - **Revised estimate of \$1,653,443 for Repair/renovation of Bldg 523**
 - \$66,114 already expended for design and engineering (TENG)
 - \$922,765 for in-house labor and materials
 - \$661,782 for contracted HVAC work
 - \$2,782 for NAVFAC Engineering
 - **Includes Equipment Installation**
 - **Does Not Include Equipment Procurement**
- **Galley Equipment**
 - Preliminary Estimates of \$225K
 - **Final equipment purchase costs \$244,080**
 - **Some Reduction Can Be Achieved by Reutilization of Equipment From RTC Galley 928 (May 2005)**
- **Lackland Equipment Relocation**
 - \$13K for Relocation of Computers and Classroom Equipment
- **Total Required for Project**
 - **\$1.42M**
 - **Updated cost as of 16 March 2005 = \$1.9M**



Cost Estimates Updated



BBT to USAF (BOS)
BBT to USAF (Mission)
BOS Support
Mission Support
Tuition Costs
Annualized facility cost for PPV
Instructional Services Contract
Military A Instructors
NMT / Barracks Support to TSC
BAH Differential
Additional PCS costs
Additional MALT costs
Galley Lab Equipment / MISC
Facility Remodel / Renovation
First Year Costs
First Year Savings
Out Year Annual Costs
Out Year Annual Savings
Savings over 5 years
Cost Recovery Period in Years

Original cost Analysis
\$0
\$0
\$412,000
\$115,000
\$0
\$1,105,000
\$320,000
\$133,500
\$225,000
\$1,192,300
\$3,502,800
-\$382,220
\$2,085,500
\$1,035,080
\$3,758,100
1.37

UPDATED COSTS
16MAR05
\$0
\$0
\$412,000
\$115,000
\$0
\$1,105,000
\$320,000
\$133,500
\$245,080
\$1,654,000
\$3,984,580
-\$864,000
\$2,085,500
\$1,035,080
\$3,276,320
1.83

Equipment costs increased from \$225K

\$66K Design
\$925K NAVFAC
\$661K HVAC Contract

Payback still < 2 years



Current Funding Status

- **Total Project Funding**
– \$1,898,000
- **Total Amount Expended / Obligated**
– \$506,383
- **Amount Committed to HVAC Contract**
– \$542,383
- **Available Balance**
– \$849,234

All Figures are approximate as of 24 May 2005



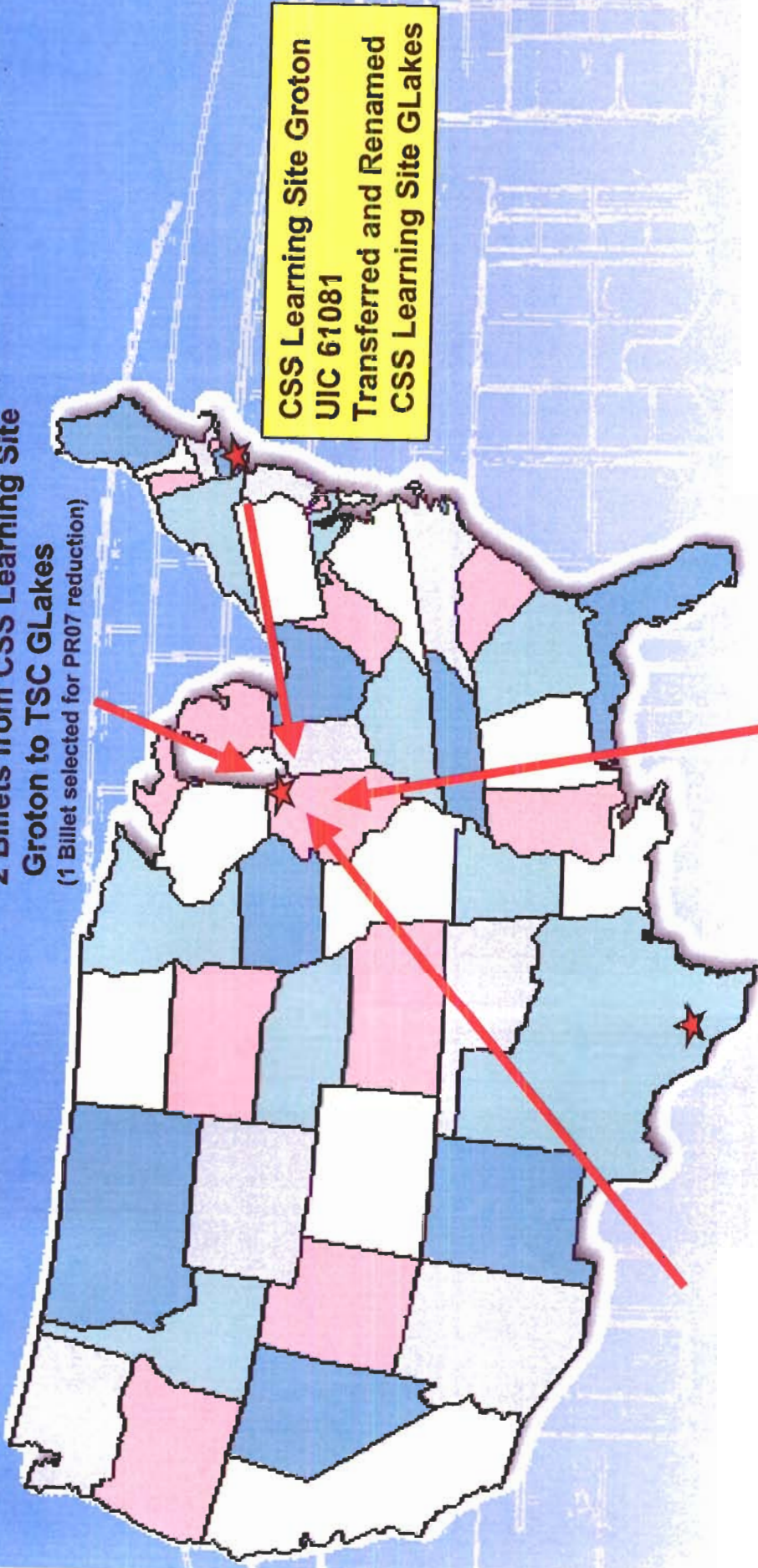
Manpower

- **CO, CSS Itr 1553 Ser 00/0146 dtd 10 Nov 04 Identified All Actions Required for Manpower Realignment**
 - **19 Instructor and 1 Officer Billet from CSS Learning Site Lackland to CSS Learning GLakes**
 - **4 Support Billets From NTTC Lackland (TSD) to TSC GLakes**
 - **2 Support Billets From CSS Learning Site Groton to TSC GLakes (1 Billet Identified for PR07 Reduction)**



Manpower

2 Billets from CSS Learning Site
Groton to TSC GLakes
(1 Billet selected for PR07 reduction)



19 Instructors, 1 Officer from
CSS Learning Site Lackland to
CSS Learning Site GLakes

4 Billets from NTTC Lackland (TSD)
To TSC GLakes



Current Personnel Status

- Migration Plan
 - Initial TSC Glakes billet filled in March 05
 - CSC Mathis
 - First CSS LS billets will be filled in Jun 05
 - CSC Frierson and CS1 Maner are currently enroute
 - Additional personnel due to execute orders as follows:

JUN 05	JUL 05	AUG 05	SEP 05	OCT 05
CSC Diegor CS1 Angeles	CS1 Moore CS1 Fields	CS1 Criner CSC Mills		CSCS Oden CS2 Hatfield

- CS1 Malone, CS1 Gallos, and CS1 Nickeo are approved for extensions to move to Great Lakes
 - No orders written yet
- Additional personnel to TSC
 - CS2 Perez – SEP 05
 - CSC Mack – NOV 05

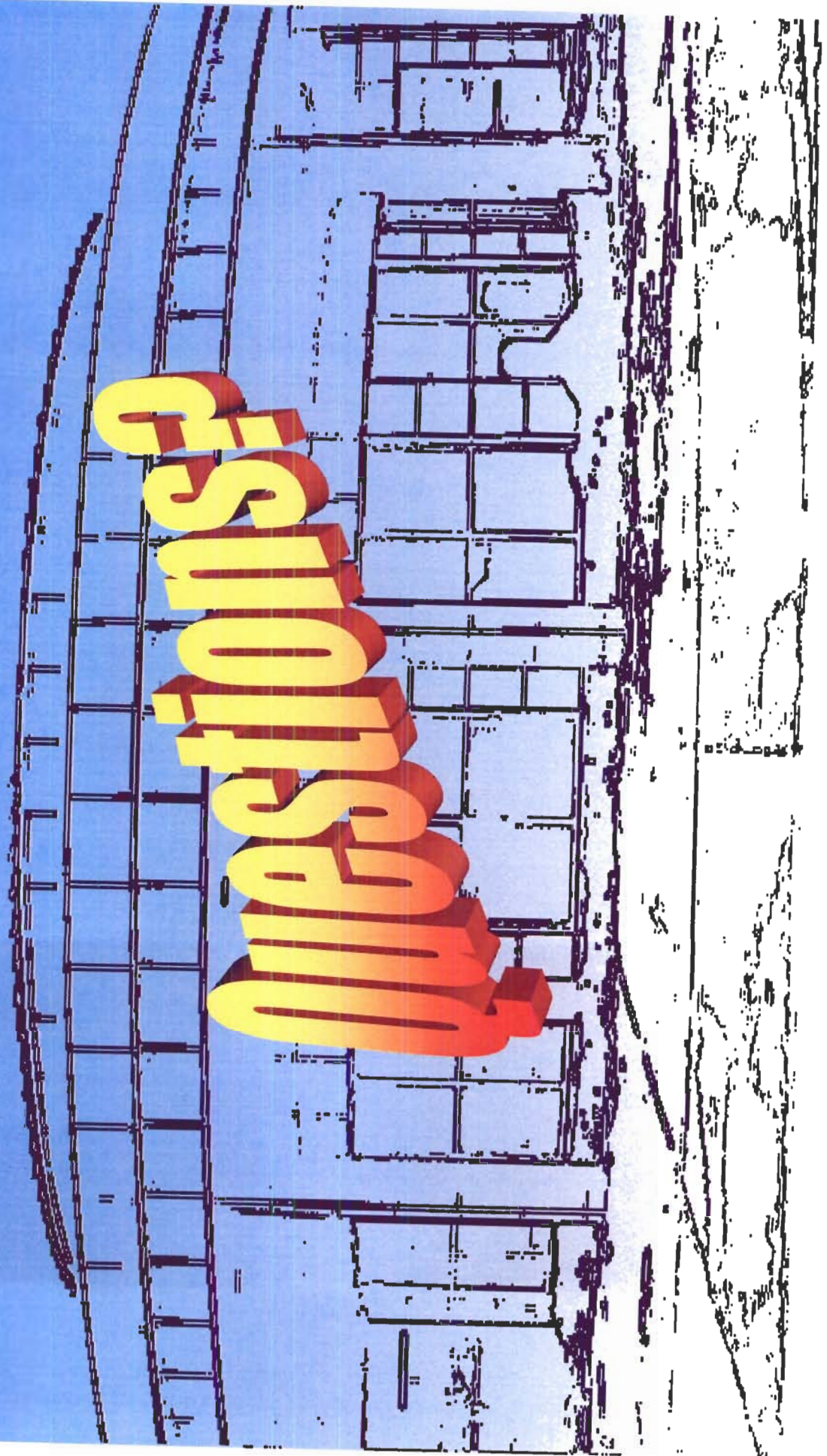


POA&M

ITEM	DUE	COMP	DESCRIPTION	COG	COMMENTS
1	Sep 04	27 Sep 04	Brief NPDC / Receive approval to proceed with relocation	CSS	
2	Sep 04	Oct 04	Notify USAF of intent to leave Lackland AFB	CSS	
3	Oct 04	13 Oct 04	Conduct Scoping meeting with NAVFAC MW	CSS	
4	Nov 04	2 Nov 04	Let Contract for facility design	NAVFAC	
5	Nov 04	10 Nov 04	Initiate Manpower Requirements Package	CSS	
6	Dec 04	2 Dec 04	50% Design Review	NAVFAC / CSS	
7	Jan 05	19 Jan 05	100% Design Review	NAVFAC / CSS	
8	Jan 05	19 Jan 05	Validate Final Equipment Requirements	Glakes Food Service	
9	Jan 05	11 Mar 05	Establish CSS LS Glakes	NPDC / NETC	UIC Request at EPMAC 1 Mar 05
10	Jan 05	Jan 05	Submit TFFMS Package	CSS	
11	Jan 05	22 Feb 05	Begin Demolition and Construction	NAVFAC	Est. 9 Feb begin construction
12	Mar 05		Order Equipment	Glakes Food Service / CSS	On Hold
13	Mar 05	9 May 05	Detailer Visit to Lackland AFB	CSS / PERS	
14	May 05		Begin Personnel Migration	CSS / PERS	On Hold
15	Aug 05		Ready for Occupancy	NAVFAC	
16	Sep 05		Ready for Training	CSS	



Questions?



TAB A

CURRICULUM OUTLINE
BASIC HOSPITAL CORPS SCHOOL

B-300-0010

Prepared by:

Naval Hospital Corps School
Great Lakes, Illinois 60088-5257

Prepared For:

Naval Medical Education and Training Command
Bethesda, MD

Approved:

2005

COURSE DATA PAGE

1. **COURSE MISSION:** To provide education and training to enlisted personnel in the basic subjects and procedures required to qualify them for duties as general service Hospital Corpsmen (HM). The curriculum emphasizes emergency medical care and nursing care procedures. It is designed to prepare graduates to perform general duties normally required during their first enlistment.

2. **SECURITY CLASSIFICATION:** Unclassified

3. **COURSE LENGTH:** 70 training days; 560 contact hours

Distribution of Contact Hours:

Didactic	253.0	Other Required Training (NMT, NRR, etc.)	35.0
Lab/Practical	154.0	Other Required Activities (PT, drill, etc.)	46.0
Clinical	72.0		

4. **LOCATION WHERE TAUGHT:**

Naval Hospital Corps School, Great Lakes, Illinois 60088-5257

5. **STUDENT CAPACITY:**

Great Lakes

Class size: 68

Convening Rate: 60 classes/yr

6. **STAFFING REQUIREMENTS:** Hospital Corpsmen and Nurse Corps officers who have successfully completed training equivalent to Naval Education and Training Command Basic Instructor Training (BIT) course.

7. **CURRICULUM APPROVAL AUTHORITY:** Naval Medical Education and Training Command

8. **QUOTA CONTROL:** Bureau of Naval Personnel

9. **IMPLEMENTATION DATE:** July 2005

10. **PRIMARY MODE OF INSTRUCTION:** Group-paced

11. **INSTRUMENTS AND PROCEDURES FOR MEASURING STUDENT PERFORMANCE:**

- a. Written, criterion-referenced evaluation instruments
- b. Performance checklists
- c. Clinical evaluation

12. **DATE OF PRECEDING CURRICULUM OUTLINE:** January 2003

CONTACT HOURS OUTLINE

Notes:

1. Time for didactic testing and subsequent review is in addition to the time shown for each individual lesson topic.
2. Evaluation of skills performance is an integral part of all lab/practical sessions and is not accounted for separately.

	Did	Lab/Pr	Total
Unit 1.0 Medical Fundamentals	79.5	14.0	93.5
Test and Review	12.0	0.0	12.0
1.01 Basic Life Support	3.0	5.0	8.0
1.02 Basic Mathematics	3.0	0.0	3.0
1.03 Role of the Hospital Corps	2.0	0.0	2.0
1.04 Introduction to the Bureau of Medicine & Surgery	1.0	0.0	1.0
1.05 Law of Armed Conflict	3.0	0.0	3.0
1.06 Basic Medical Ethics	5.0	0.0	5.0
1.07 Basic Medical Terms and Abbreviations	3.0	0.0	3.0
1.08 Anatomy & Physiology: Total Man	1.0	0.0	1.0
1.09 Anatomy & Physiology: Integumentary System	1.0	0.0	1.0
1.10 Anatomy & Physiology: Musculoskeletal System	4.0	0.0	4.0
1.11 Anatomy & Physiology: Nervous System	3.0	0.0	3.0
1.12 Anatomy & Physiology: Eye and Ear	2.0	0.0	2.0
1.13 Anatomy & Physiology: Cardiovascular System	4.0	0.0	4.0
1.14 Anatomy & Physiology: Respiratory System	2.0	0.0	2.0
1.15 Anatomy & Physiology: Lymphatic System	1.0	0.0	1.0
1.16 Anatomy & Physiology: Digestive System	2.0	0.0	2.0
1.17 Anatomy & Physiology: Genitourinary System	4.0	0.0	4.0
1.18 Customer Service & Interpersonal Communication	4.0	0.0	4.0
1.19 Patient Interviewing and History Taking	2.0	0.0	2.0
1.20 Basic Handwashing Techniques	1.0	0.0	1.0
1.21 Vital Signs	4.0	9.0	13.0
1.22 Preventive Medicine	4.0	0.0	4.0
1.23 DOD Immunization Program	1.0	0.0	1.0
1.24 Managed Care Concepts	2.0	0.0	2.0
1.25 Health Promotion Program	1.5	0.0	1.5
1.26 Nutrition	2.0	0.0	2.0
1.27 Oral Anatomy	1.0	0.0	1.0
1.28 Patient Safety	1.0	0.0	1.0

Unit 2.0 Emergency Medical Care	81.0	73.0	154.0
Test and Review	12.0	0.0	12.0
2.01 Lifting and Moving a Patient	1.5	2.0	3.5
2.02 Airway Management	4.0	9.0	13.0
2.03 Scene Size-Up and Safety	1.5	0.0	1.5
2.04 Patient Assessment	5.0	12.0	17.0
2.05 Respiratory Emergencies	3.0	0.0	3.0
2.06 Diabetic Emergencies and Altered Mental Status	2.5	0.0	2.5
2.07 Poison Overdose Emergencies and Substance Abuse	3.0	0.0	3.0
2.08 Allergies	2.5	0.0	2.5
2.09 Environmental Injuries	3.5	0.0	3.5
2.10 Behavioral Emergencies	6.0	0.0	6.0
2.11 Obstetrics & Gynecology	4.0	0.0	4.0
2.12 Infants and Children	3.5	0.0	3.5
2.13 Soft Tissue Injuries, Bleeding and Shock	8.0	16.0	24.0
2.14 CBRNE Casualties	4.0	0.0	4.0
2.15 Musculoskeletal Injuries	4.0	14.0	18.0
2.16 Head and Spine Injuries	4.0	12.0	16.0
2.17 Triage and Medical Decision Making	4.0	8.0	12.0
2.18 Tactical Combat Casualty Care	3.0	0.0	3.0
2.19 Dental Emergencies	2.0	0.0	2.0
Unit 3.0 Nursing Procedures	91.0	67.0	158.0
Test and Review	18.0	0.0	18.0
3.01 Military Health Records	1.5	0.0	1.5
3.02 Basic Physical Examination	2.5	0.0	2.5
3.03 Patient Care Documentation	4.0	0.0	4.0
3.04 Admission and Discharge	1.0	0.0	1.0
3.05 Inpatient Care	1.0	0.0	1.0
3.06 Nasogastric Tubes	4.0	0.0	4.0
3.07 Range of Motion and Patient Positioning	1.0	1.0	2.0
3.08 Restraining a Patient	1.0	0.0	1.0
3.09 Isolation Techniques & Blood Borne Pathogens	3.0	0.0	3.0
3.10 Surgical Asepsis	6.0	14.0	20.0
3.11 Wound Closure and Management	1.0	0.0	1.0
3.12 Specimens	4.0	0.0	4.0
3.13 Urinary Catheterization	3.0	0.0	3.0
3.14 Pharmacology and Toxicology	4.0	0.0	4.0
3.15 Introduction to Medication Administration	3.5	0.0	3.5
3.16 Dosage Calculation	3.0	0.0	3.0
3.17 Oral Medication Administration	2.0	8.0	10.0

3.18 Inhalation and Mucus Membrane Med Admin	2.0	0.0	2.0
3.19 Parenteral Medication Admin	4.0	14.0	18.0
3.20 Pain Management	2.0	0.0	2.0
3.21 Pre-operative and Postoperative Nursing Care	4.0	0.0	4.0
3.22 Venipuncture	2.0	6.0	8.0
3.23 Introduction to Intravenous Therapy	2.5	0.0	2.5
3.24 Intravenous Insertion	2.5	15.0	17.5
3.25 Respiratory Care	4.0	0.0	4.0
3.26 Cast Care	1.0	0.0	1.0
3.28 Death and Dying	2.5	0.0	2.5
3.29 Transfer and Ambulation	1.0	1.0	2.0
Synthesis Laboratory	0.0	8.0	8.0

	Did	CL	Total
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Unit 4.0 Clinical Experience

Rotation # 1	1.5	72.0	73.5
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Contact Hours Summary

Curriculum Hours

Didactic	253.0
Lab/practical	154.0
Clinical	72.0
Other Required Training	35.0 (NMT, NRR, etc.)
Other Required Activities	46.0 (PT, drill, etc.)

TOTAL **560.0**

DRAFT



CURRICULUM OUTLINE
BASIC HOSPITAL CORPS SCHOOL

B-300-0010

Prepared by:

Naval Hospital Corps School
Great Lakes, Illinois 60088-5257

Prepared For:

Naval Medical Education and Training Command
Bethesda, MD

Approved:

July 2003

COURSE DATA PAGE

1. COURSE MISSION: To provide education and training to enlisted personnel in the basic subjects and procedures required to qualify them for duties as general service Hospital Corpsmen (HM). The curriculum emphasizes emergency medical care and nursing care procedures. It is designed to prepare graduates to perform general duties normally required during their first enlistment.

2. SECURITY CLASSIFICATION: Unclassified

3. COURSE LENGTH: 70 training days; 560 contact hours

Distribution of Contact Hours:

Didactic	265.0	Other Required Training	30.0
Lab/Practical	154.0	Other Required Activities	39.0
Clinical	72.0		

4. LOCATION WHERE TAUGHT:

Naval Hospital Corps School, Great Lakes, Illinois 60088-5257

5. STUDENT CAPACITY: Great Lakes

Class size: 68

Convening Rate: 60 classes/yr

6. STAFFING REQUIREMENTS: Hospital Corpsmen and Nurse Corps officers who have successfully completed training equivalent to Naval Education and Training Command Basic Instructor Training (BIT) course.

7. CURRICULUM APPROVAL AUTHORITY: Naval Medical Education and Training Command

8. QUOTA CONTROL: Bureau of Naval Personnel

9. IMPLEMENTATION DATE: July 2003

10. PRIMARY MODE OF INSTRUCTION: Group-paced

11. INSTRUMENTS AND PROCEDURES FOR MEASURING STUDENT

PERFORMANCE:

- a. Written, criterion-referenced evaluation instruments
- b. Performance checklists
- c. Clinical evaluation

12. DATE OF PRECEDING CURRICULUM OUTLINE: January 1998

CONTACT HOURS OUTLINE

Notes:

1. Time for didactic testing and subsequent review is in addition to the time shown for each individual lesson topic.
2. Evaluation of skills performance is an integral part of all lab/practical sessions and is not accounted for separately.

	Did	Lab/Pr	Total
Unit 1.0 Medical Fundamentals	76.5	19.0	95.5
Test and Review	12.0	0.0	12.0
1.01 Basic Life Support	3.0	5.0	8.0
1.02 Basic Mathematics	3.0	0.0	3.0
1.03 Role of the Hospital Corps	2.0	0.0	2.0
1.04 Introduction to the Bureau of Medicine & Surgery	1.0	0.0	1.0
1.05 Law of Armed Conflict	3.0	0.0	3.0
1.06 Basic Medical Ethics	5.0	0.0	5.0
1.07 Basic Medical Terms and Abbreviations	3.0	0.0	3.0
1.08 Anatomy & Physiology: Total Man	1.0	0.0	1.0
1.09 Anatomy & Physiology: Integumentary System	1.0	0.0	1.0
1.10 Anatomy & Physiology: Musculoskeletal System	4.0	0.0	4.0
1.11 Anatomy & Physiology: Nervous System	3.0	0.0	3.0
1.12 Anatomy & Physiology: Eye and Ear	2.0	0.0	2.0
1.13 Anatomy & Physiology: Cardiovascular System	4.0	0.0	4.0
1.14 Anatomy & Physiology: Respiratory System	2.0	0.0	2.0
1.15 Anatomy & Physiology: Lymphatic System	1.0	0.0	1.0
1.16 Anatomy & Physiology: Digestive System	2.0	0.0	2.0
1.17 Anatomy & Physiology: Genitourinary System	4.0	0.0	4.0
1.18 Customer Service & Interpersonal Communication	4.0	0.0	4.0
1.19 Patient Interviewing and History Taking	2.0	0.0	2.0
1.20 Principles and Concepts of Medical Asepsis	2.0	0.0	2.0
1.21 Vital Signs	4.0	9.0	13.0
1.22 Preventive Medicine	4.0	0.0	4.0
1.23 DOD Immunization Program	1.0	0.0	1.0
1.24 Managed Care Concepts	2.0	0.0	2.0
1.25 Health Promotion Program	1.5	0.0	1.5
Synthesis Laboratory	0.0	5.0	5.0

Unit 2.0 Emergency Medical Care	82.0	63.5	145.5
Test and Review	12.0	0.0	12.0
2.01 Medical/Legal and Ethical Issues	2.0	0.0	2.0
2.02 Lifting and Moving a Patient	1.5	2.0	3.5
2.03 Airway Management	4.0	6.5	10.5
2.04 Scene Size-Up and Safety	2.5	0.0	2.5
2.05 Patient Assessment	7.5	11.0	18.5
2.06 Respiratory Emergencies	3.0	0.0	3.0
2.07 Diabetic Emergencies and Altered Mental Status	2.5	0.0	2.5
2.08 Poison Overdose Emergencies and Substance Abuse	3.0	0.0	3.0
2.09 Allergies	2.5	0.0	2.5
2.10 Environmental Injuries	3.5	0.0	3.5
2.11 Behavioral Emergencies	6.0	0.0	6.0
2.12 Obstetrics & Gynecology	4.0	0.0	4.0
2.13 Infants and Children	3.5	0.0	3.5
2.14 Bleeding and Shock	4.0	6.5	10.5
2.15 Soft Tissue Injuries	4.5	7.0	11.5
2.16 CBRNE Casualties	4.0	0.0	4.0
2.17 Musculoskeletal Injuries	4.0	12.0	16.0
2.18 Head and Spine Injuries	4.0	11.0	15.0
2.19 Triage and Medical Decision Making	4.0	7.5	11.5
Unit 3.0 Nursing Procedures	102.0	64.0	166.0
Test and Review	18.0	0.0	18.0
3.01 Military Health Records	1.5	0.0	1.5
3.02 Basic Physical Examination	3.0	0.0	3.0
3.03 Patient Care Documentation	4.0	0.0	4.0
3.04 Inpatient Clinical Record	3.0	0.0	3.0
3.05 Admission and Discharge	2.0	1.0	3.0
3.06 Inpatient Care	1.0	5.5	6.5
3.07 Nasogastric Tubes	2.5	0.0	2.5
3.08 Range of Motion and Patient Positioning	1.0	1.0	2.0
3.09 Restraining a Patient	1.0	0.0	1.0
3.10 Isolation Techniques & Blood Borne Pathogens	3.0	0.0	3.0
3.11 Surgical Asepsis	6.0	12.0	18.0
3.12 Wound Closure and Management	1.0	0.0	1.0
3.13 Specimens	4.0	0.0	4.0
3.14 Urinary Catheterization	4.0	3.0	7.0
3.15 Pharmacology and Toxicology	6.0	0.0	6.0
3.16 Introduction to Medication Administration	1.5	0.0	1.5
3.17 Storage of Medications	2.0	0.0	2.0

3.18 Dosage Calculation	3.0	0.0	3.0
3.19 Oral Medication Administration	2.0	6.0	8.0
3.20 Sublingual/Topical/Rectal Medication Admin	2.0	0.0	2.0
3.21 Intramuscular & Subcutaneous Medication Admin	4.0	11.5	15.5
3.22 Pain Management	2.0	0.0	2.0
3.23 Pre-operative and Postoperative Nursing Care	4.0	0.0	4.0
3.24 Venipuncture	2.0	5.0	7.0
3.25 Introduction to Intravenous Therapy	2.5	0.0	2.5
3.26 Maintenance of Intravenous Therapy	4.0	8.0	12.0
3.27 Intravenous Insertion	2.5	4.0	6.5
3.28 Respiratory Care	3.0	0.0	3.0
3.29 Cast Care	1.0	0.0	1.0
3.30 Chest Tubes	2.0	0.0	2.0
3.31 Death and Dying	2.5	0.0	2.5
3.32 Transfer and Ambulation	1.0	1.0	2.0
Synthesis Laboratory	0.0	6.0	6.0
	Did	CL	Total
Unit 4.0 Clinical Experience	1.5	72.0	73.5
Rotation # 1	1.5	72.0	73.5

Contact Hours Summary

Curriculum Hours

Didactic	262.0
Lab/practical	146.5
Clinical	72.0
Other Required Training	30.0
Other Required Activities	39.0

TOTAL **560.0**