

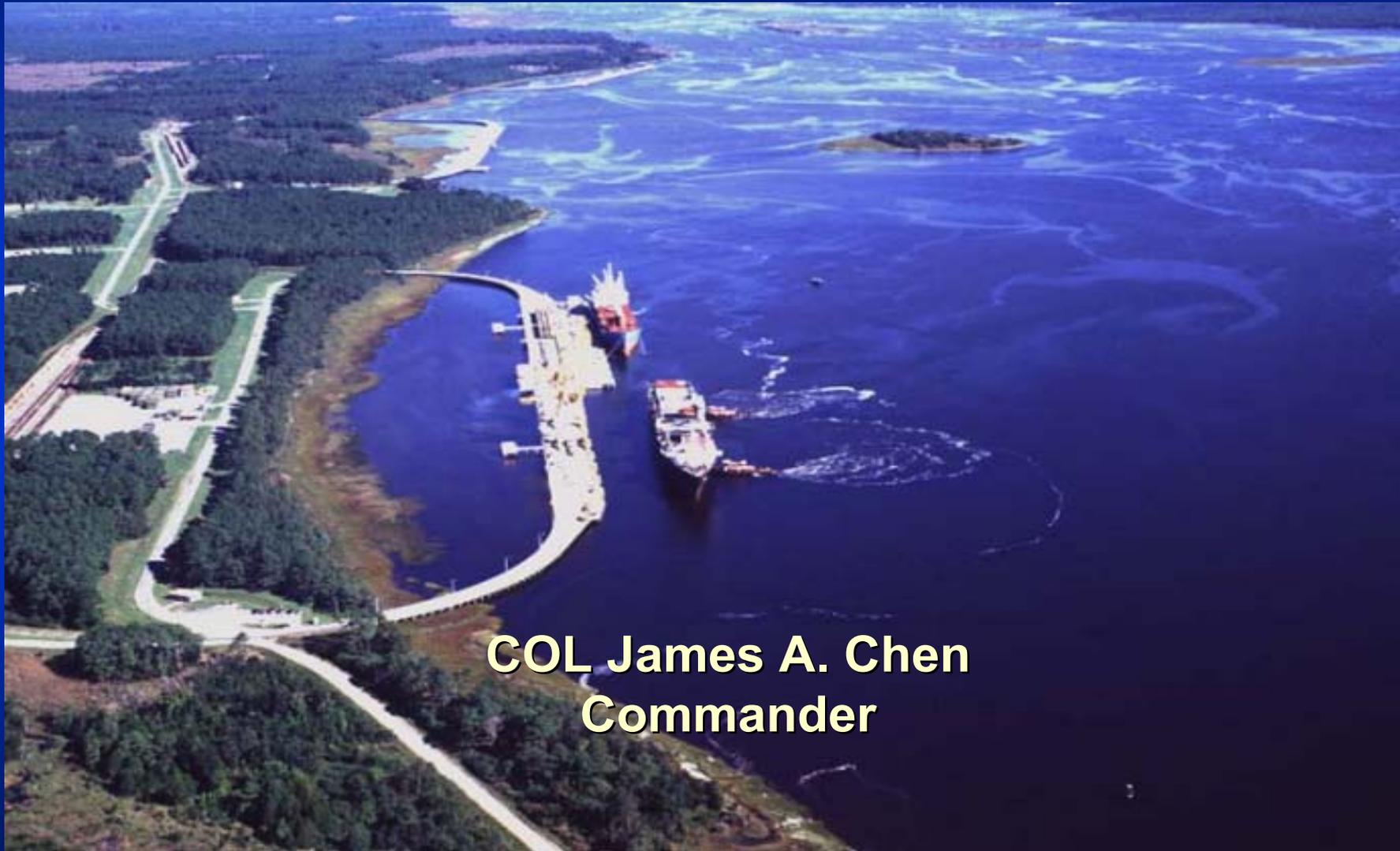


Military Ocean Terminal, Sunny Point (MOTSU)

The Army Basing Study Group

27 JAN 04

DCN: 9986



COL James A. Chen
Commander



Military Surface Deployment And Distribution Command



**Army Component
of USTRANSCOM**

**A jointly staffed Army
MACOM Supporting
all Services since
FEB 65**



SDDC

**Funded primarily through
the Transportation Working
Capital Fund (TWCF)**



597th Transportation Group **Mission Statement**



Plan, coordinate and accomplish the surface movement of DoD munitions, explosives, and other hazardous cargo through the Military Ocean Terminal, Sunny Point, and provide command and control of five subordinate battalions responsible for supporting DoD cargo movement through strategic seaports in CONUS and Puerto Rico.



597th Transportation Group



597th Trans Gp
MOT, Sunny Point



832d Trans Bn
Ft. Buchanan, PR



833d Trans Bn
Seattle, WA



834th Trans Bn
MOT, Concord, CA



841st Trans Bn
NWS, Charleston, SC



842d Trans Bn
Beaumont, TX



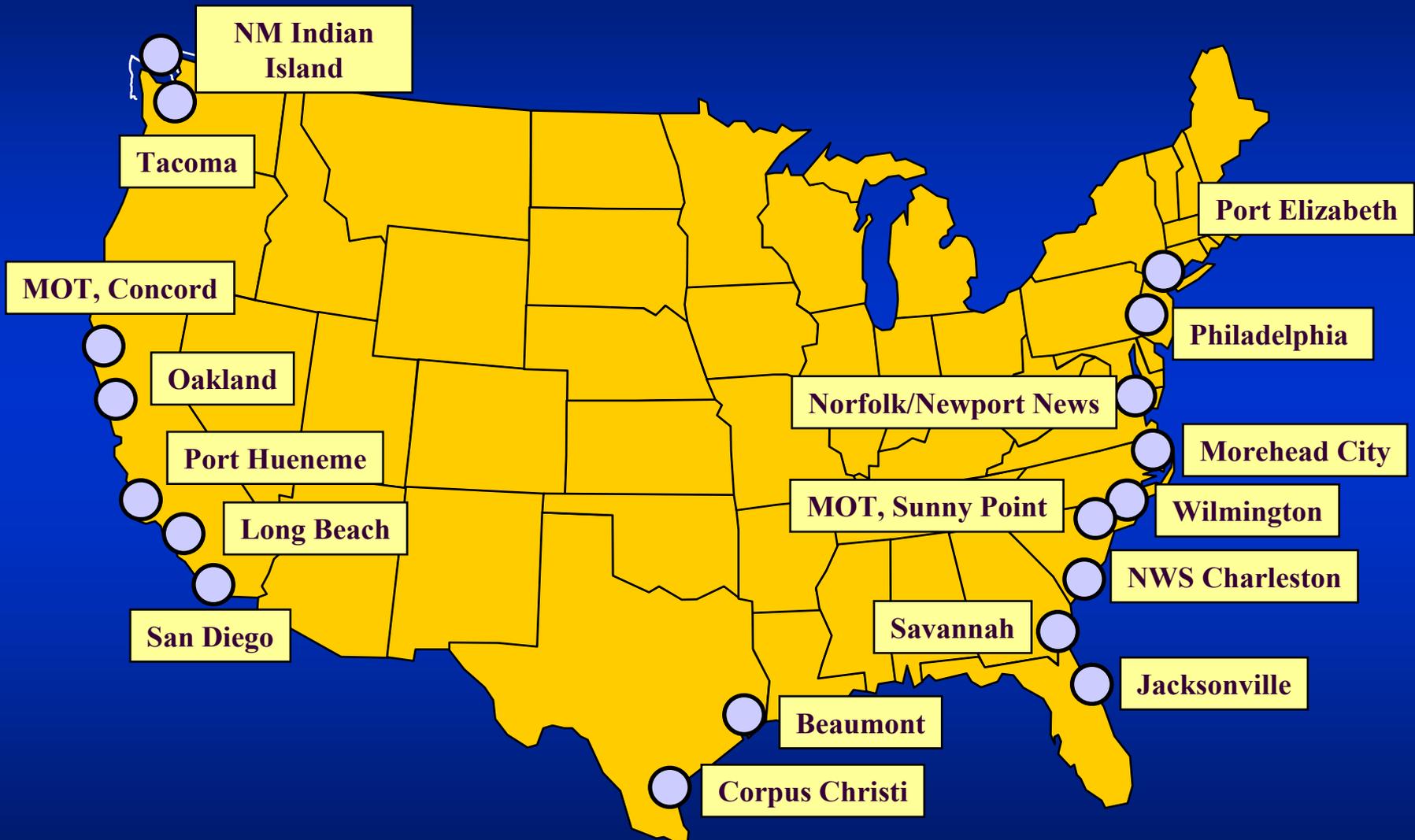
954th Trans Co
Cape Canaveral AFB, FL



956th Trans Co
Ft. Monmouth, NJ



18 Strategic CONUS Seaports





MOTSU Born of Need...

**PORT CHICAGO, CA
17 Jul 44**



**320 KILLED
390 INJURED**

**AMMO
PORT
DESTROYED**

**OVER \$12M (1944 \$)
PROPERTY DAMAGE**



MOTSU: History



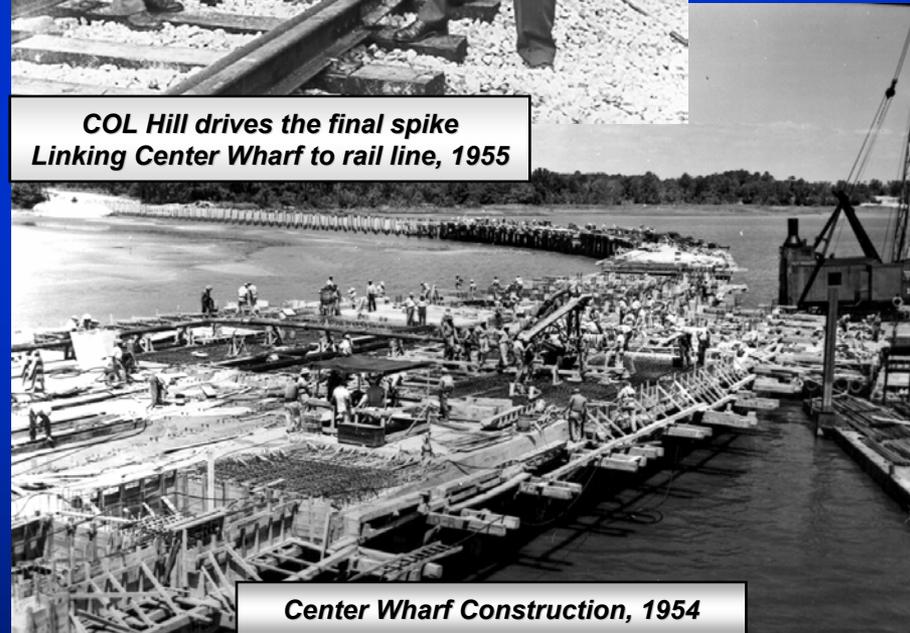
Raising the Flag, 29 OCT 1955



**COL Hill drives the final spike
Linking Center Wharf to rail line, 1955**



North Wharf Construction, 1955



Center Wharf Construction, 1954

**With a design firmly established by the Port Chicago AAR,
construction began on the first terminal designed and built to transship ammunition**



MOTSU: History



The new Military Ocean Terminal went to full capacity during the Cuban Missile Crisis and subsequently loaded 85% of the DOD's re-supply munitions to Vietnam...



MOTSU: History



***...504,905 MTON of munitions were loaded aboard 44 vessels
in support of Operation DESERT SHIELD/STORM...***



MOTSU: History



*...5,775 containers of munitions were loaded aboard 12 vessels
in support of Operation IRAQI FREEDOM...*



Who We Are...



Military: 12

DA Civilians: 220

Contractors: 102

TOTAL: 334

Terminal Contractors:

65 - AKAL Security

12 - Stevedore Services of America

15 - Taritas Power Services

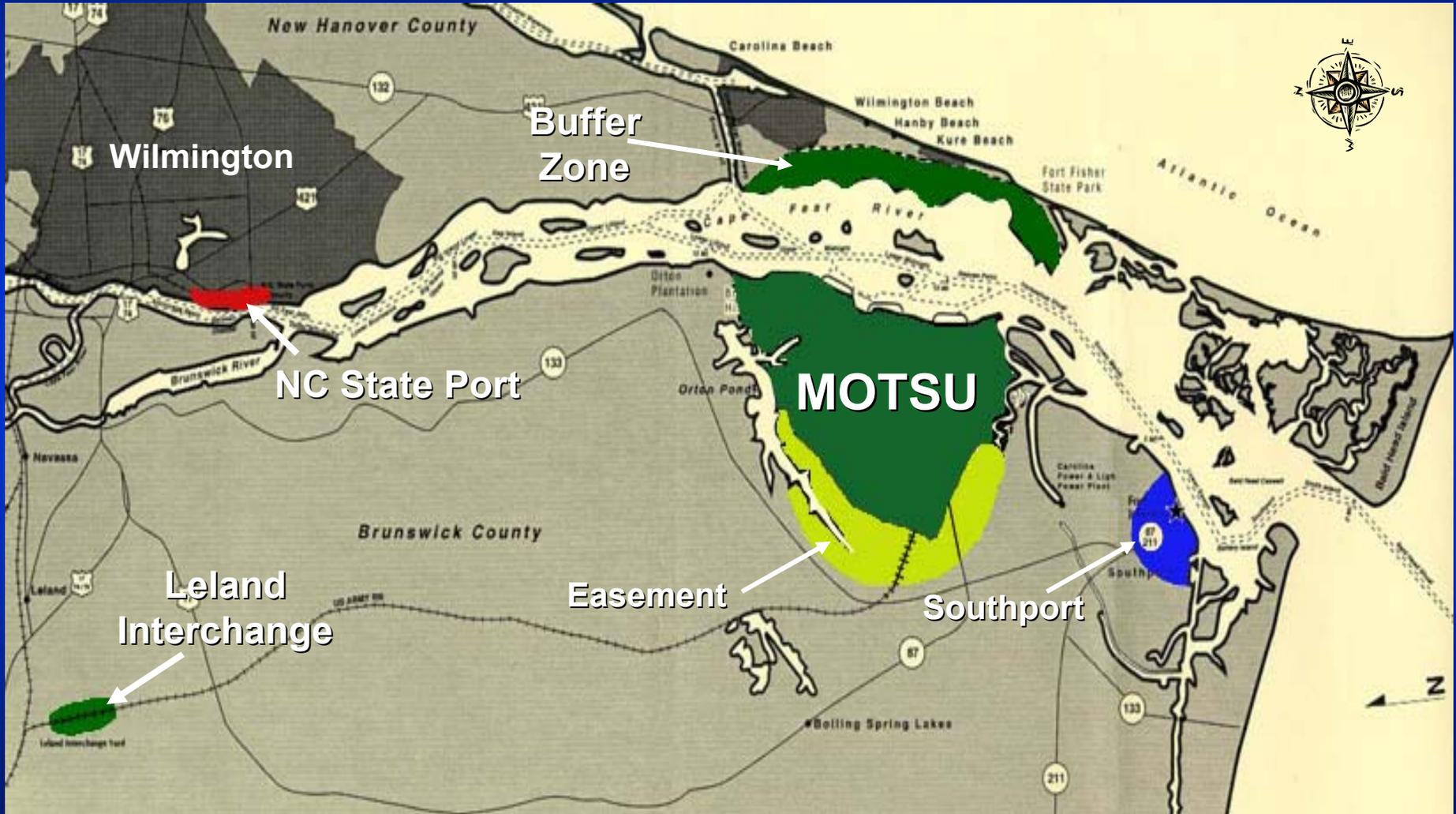
7 - Coastal Enterprises, Inc.

3 - Others





Area Map





Land Assets



	<u>ACRES</u>	<u>TYPE</u>	<u>COUNTY/CITY</u>
Main Terminal	8,645	Fee Simple	Brunswick County
New Hanover County Buffer Zone	2,267	Fee Simple	New Hanover County Town of Carolina Beach Town of Kure Beach
Fort Johnston (Housing)	6	Fee Simple	City of Southport
Leland Interchange Rail Yard	652	Fee Simple	Brunswick County
Rail Corridor	400	Easement	Brunswick County Town of Boiling Springs Lake
Terminal Restrictive Easement	4,267	Easement	Brunswick County
Total:	16,237		



Infrastructure



- 3 WHARVES - 2,000 LINEAR FT EACH
- 115 MILES OF RAILLINE
- 35+ MILES PAVED ROADS
- 50+ MILES UNPAVED ROADS
- 38 ft. WATER DEPTH IN CHANNELS



Net Explosive Weight (N.E.W.) Capability



**45.8 MILLION
POUNDS N.E.W.
THROUGHPUT
CAPABILITY**

*All three wharves are 2000 ft. long,
well lighted, and are served by rail.*



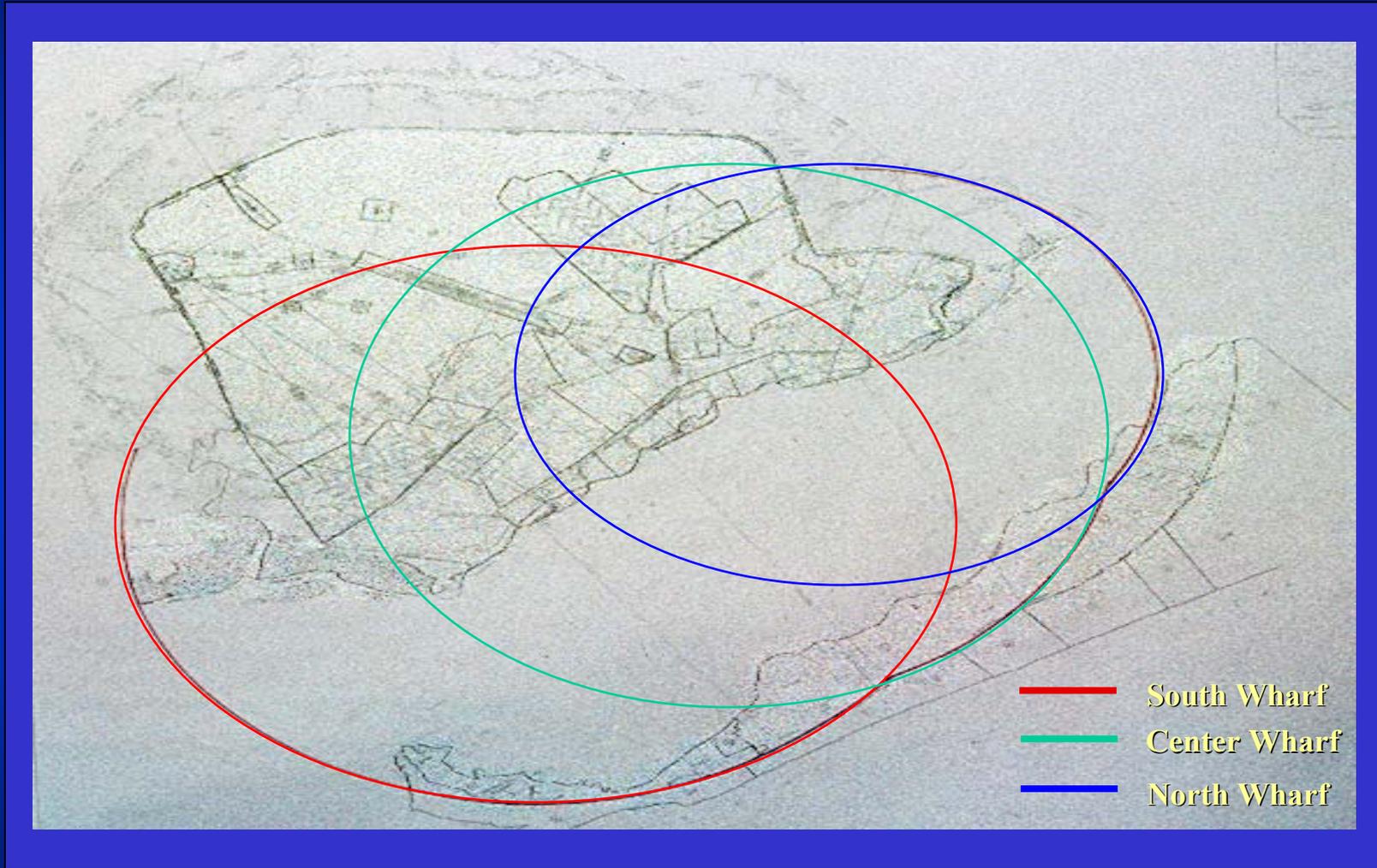
N.E.W. Capability



Making Sunny Point DOD's premiere ammunition terminal.



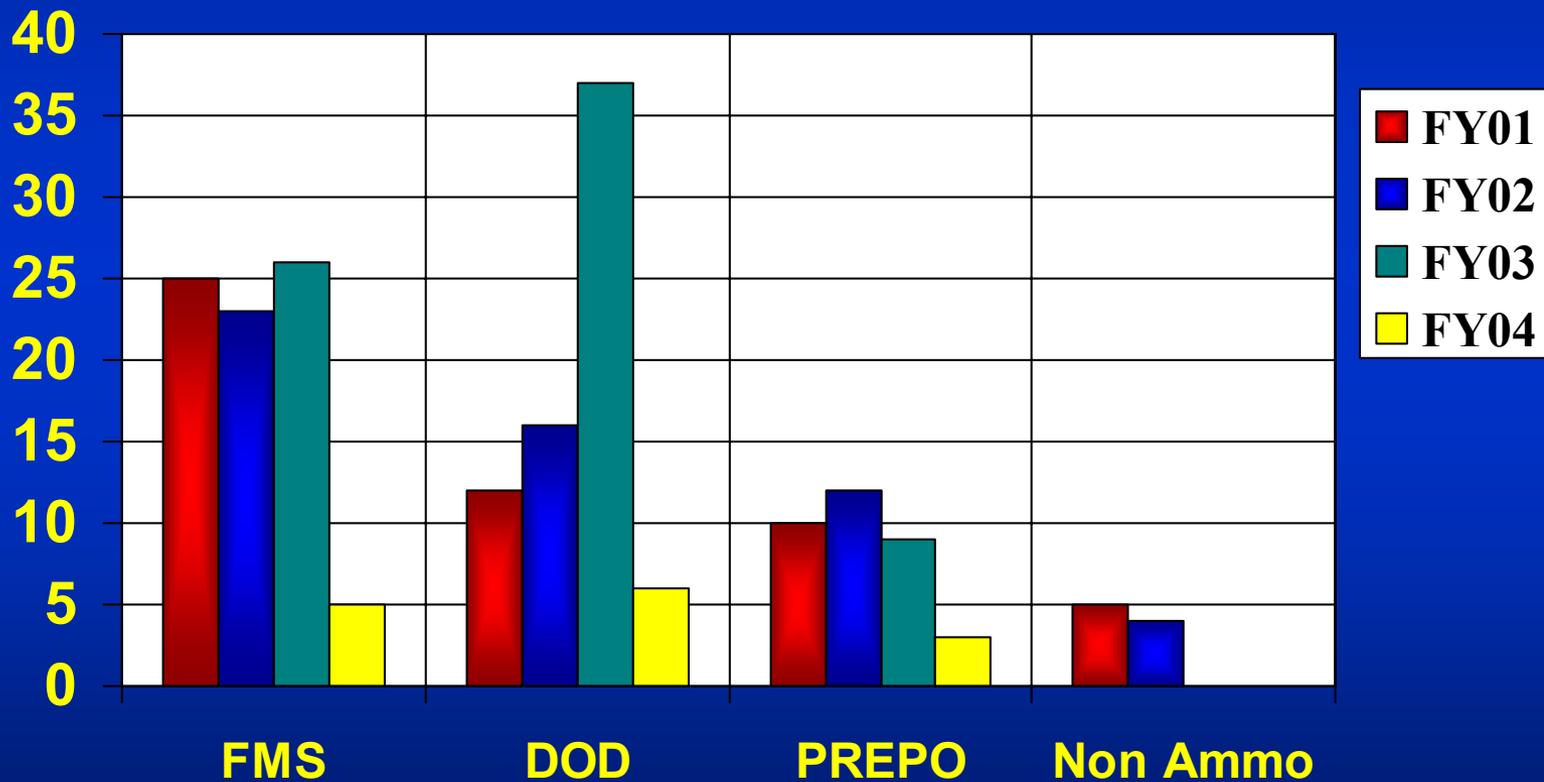
N.E.W. Capability



Blast Arcs for the wharfs

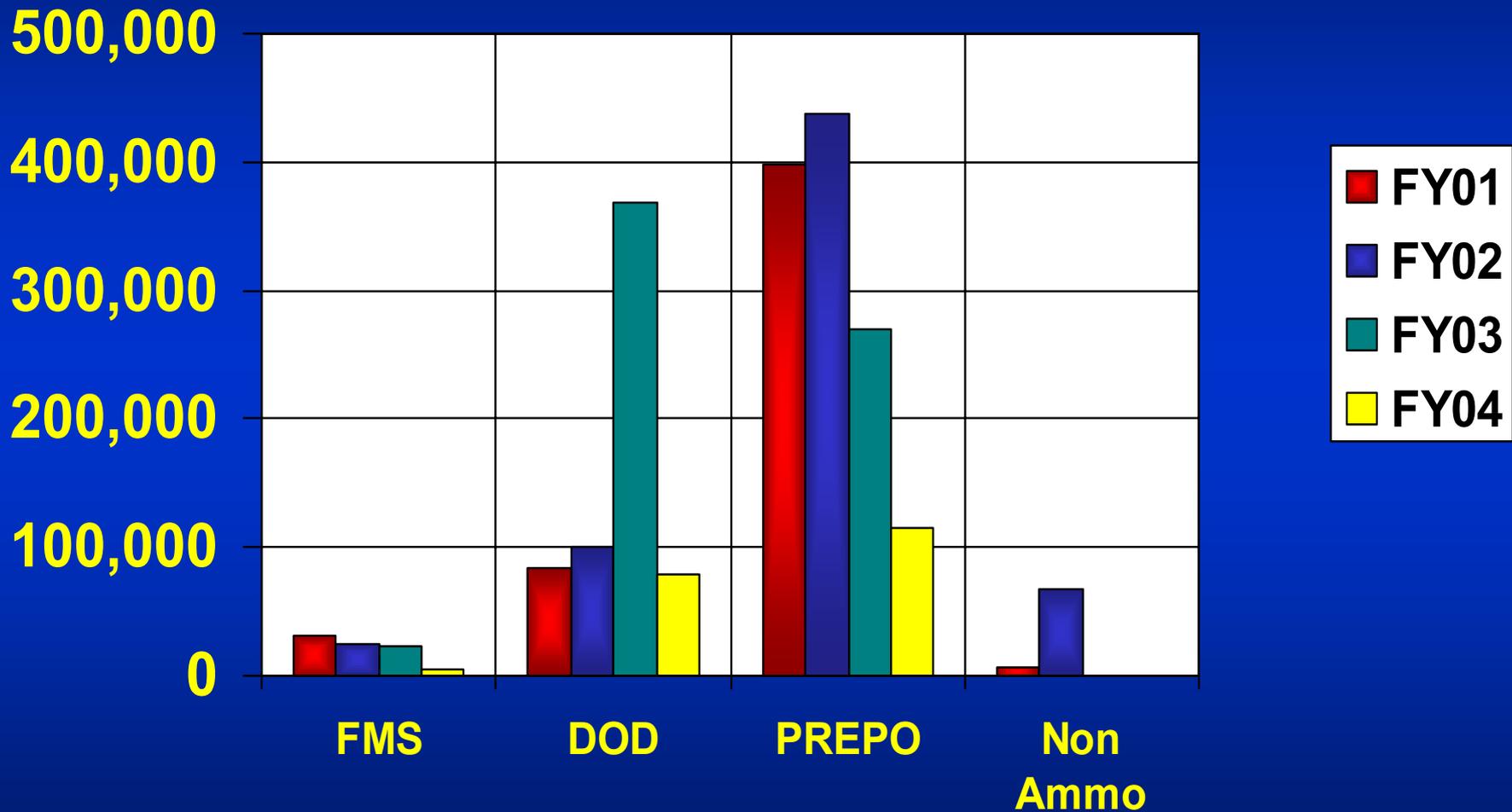


FY 01/02/03/04 Vessels



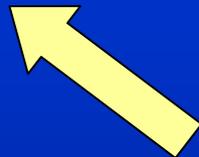
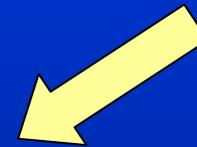
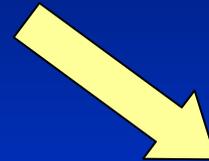


FY 01/02/03/04 Measurement Tons





PREPO Maintenance Cycle





Reconstitution of PREPO Fleet After Operation IRAQI FREEDOM



➤ Completed:

- ✓ CAPT STEVEN L. BENNETT (USAF) 847 TEU
- ✓ A1C WILLIAM H. PITSENBARGER (USAF) 897 TEU
- ✓ MV MERLIN (USAF) 890 TEU

➤ Currently in Maintenance Cycle:

- ❖ SSG EDWARD A. CARTER, JR. (USA) 2,500 TEU

➤ Remaining:

- LTC JOHN U. D. PAGE (USA) 2,500 TEU
- MAJ BERNARD F. FISHER (USAF) 1,000 TEU



MOTSU Focus *Then and Now*

YESTERDAY

Breakbulk Cargo



European Call Forward



Small Vessels



TODAY

Containerized Cargo

Army/Air Force Preposition
Afloat Programs

Large Vessels





What We Do...

Safe & efficient Port Operations & quality Traffic Management



Coordinate Contingency Support



Installation Management



Force Protection





Getting Munitions to the Fight



* Reception

- Rail
- Highway



* Staging

- Containers
- Boxcars
- Trailers



* Vessel Loading

- Containers
- Breakbulk





Reception Subsystem



Ammunition Shippers





Rail Reception



*Leland Interchange throughput capability is 620 railcars
(2,480 containers) per day.*



Commercial Industry Rail Support



**Rail Operations Supports
3 Commercial Industries**



**Progress Energy, Cogentrix, and Archer
Daniels Midland Co.**



Truck Reception



Security can process up to 288 trucks during 24-hour period.



Surveillance In-processing



*Conveyance inspected, documentation checked,
and cargo staged.*



Staging Subsystem



Ammunition Staging Pads



The terminal has 66 ammo staging pads with physical space for 2,816 containers and 166 commercial trailers.



Rail Holding Spurs



The north and south rail holding spurs have a total of 104 rail sidings, and have a capacity of 973 boxcars.



Vessel Loading Subsystem



Container Loading



Conduct containership loading at South Wharf, Berth 1 with two PACECO container cranes.



Container Loading (cont'd)



*Can load containers at Berth 3 by utilizing a 300-Ton mobile crane.
Sustained loading rate is 120 containers per day.*



Breakbulk Loading Capability



- ***Center Wharf loading rate of 2,724 STONs per day***
- ***Emergency dredging operations of North Wharf allows for two additional vessel operations***
- ***Four vessels conducting simultaneous breakbulk operations achieve a total sustained loading rate of 5,448 STONs per day***



Contingency Support Area of Responsibility

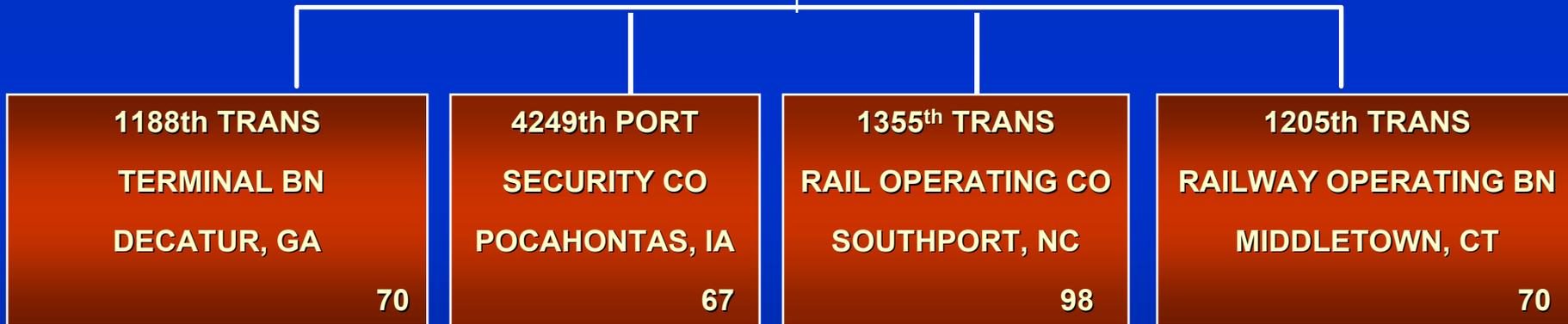


Warfighter Customers and Strategic Ports of Embarkation



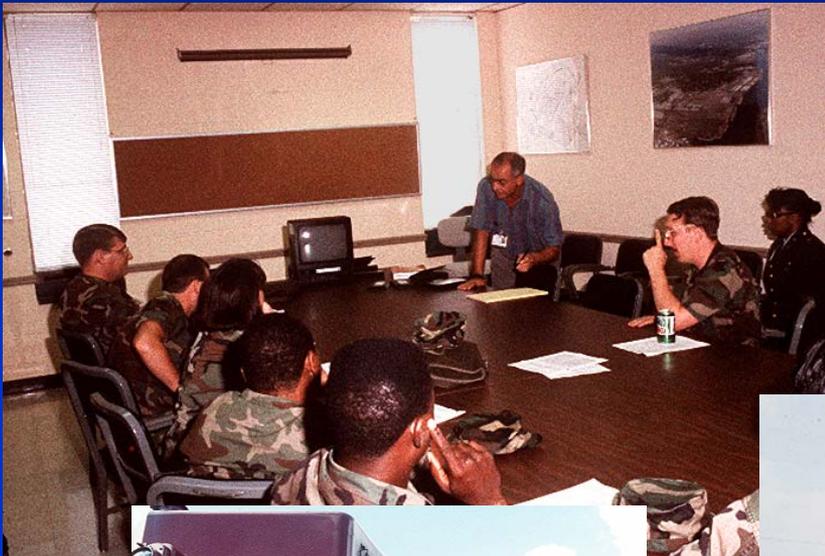
USAR Wartrace Units

597th TRANS GROUP
MILITARY OCEAN TERMINAL, SUNNY POINT





Contingency Support



WARTRACE Reserve Units Train at MOTSU Regularly



Force Protection



- **Landside Security**
 - DoD Guard Force
 - AKAL Security (Contract)

- **Waterside Security**
 - DoD Guards
 - USCG Maritime Safety & Security Team (MSST)





Installation Management



Fire and Emergency Response

Force Protection/Security

Safety

Resource Management

Logistics Support



Safety is Priority #1 At Sunny Point

Public Works

Land Management

Environmental Programs

Information Management

Maintenance of Way



Natural Resources



- 21 freshwater ponds
- 1,500+ Acres of wetlands
- 350+ Acres of Long Leaf Pine
- 3,000+ Acres Controlled Burn of Forest annually
- Active Participant in Audubon Society Annual Bird Count
- Active monitoring program for West Nile Virus



Recently Completed Projects (\$millions)



- | | | |
|--------------------------------------------------------------------|---------------|-----|
| ➤ Ammo Inspection Facility | (FY 02, ASMP) | 3.8 |
| ➤ Railroad Equipment Maintenance Facility | (FY 03, ASMP) | 2.5 |
| ➤ Paving Chassis Staging Area | (FY 03, ASMP) | 2.0 |
| ➤ Canopies at Transfer/Deployment Staging Areas | (FY 03, ASMP) | 1.2 |
| ➤ Repairs to Paceco Cranes | (FY 03, M&R) | 5.5 |
| ➤ Raising Dredge Disposal Areas | (FY 03, M&R) | 4.5 |
| ➤ Replace Fire Alarm System | (FY 03, M&R) | 0.7 |
| ➤ Repairs to Bridge Crane | (FY 03, CPP) | 1.8 |
| ➤ Installation Information Infrastructure
Modernization Program | (FY02) | 0.8 |
| ➤ Utilities Privatization | (FY 04) | 0.5 |



On Going Projects/Construction (Funded) (\$millions)



			<u>Comp.</u>
➤ Road Widening & New Truck Pads	(ASMP)	2.6	04/04
➤ New Fire Station	(MCA)	2.5	04/04
➤ Waterfront Security Barriers	(CbTRIF)	3.0	09/04
➤ HQ Building Renovations	(M&R)	1.2	12/04
➤ South Wharf Structural Repairs	(M&R)	2.5	07/04
➤ Repairs to Main Access Track	(M&R)	2.5	09/04
➤ New Security Gate	(FP/OMA)	1.0	12/04
➤ Security Enhancement Projects	(FP/OMA)	2.5	12/04



Programmed Projects (\$millions)

➤ Center Wharf Expansion	(FY07/08, AP3)	50.0
➤ Security System/CCTV @ Wharves	(AP3)*	3.0
➤ Rail Rehab	(M&R/AP3)*	15.0
➤ Security IDS for Ammo Holding Areas	(FY 04, CbTRIF)	2.5
➤ Ammo Pads Improvements	(FY 05, CPP)	2.5

* AP3 Projects have not been programmed by DA G-4



MOTSU Tenants



***All Tenants Support
Unique MOTSU
Mission***

- 1355th Transportation Railway Operating Company (USAR) - 110
- Military Sealift Command Representative - 1
- CPAC – 2
- Corps of Engineers Construction Field Office - 3
- Womack Army Hospital - 2



Mutual Aid to the Community



**STRUCTURAL & FOREST
FIREFIGHTING SUPPORT**



EMT RESCUE SUPPORT

**Benefiting
community and
maintaining
skill level**

	<u>EMS</u>	<u>Fire</u>
2001	451	139
2002	466	101
2003	549	66



Environmental Management



Woodlands, wetlands and wildlife are carefully managed...

**Red
Cockaded
Woodpecker**



Alligator



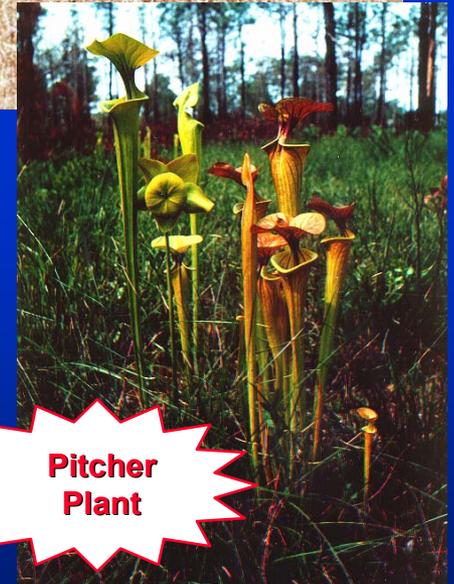
**Rough-Leaved
Loosestrife**



**Venus
Flytrap**



**Pitcher
Plant**



... to include endangered and threatened species.



Sub-Installation: Fort Johnston Army Family Housing



Land is listed on
National Registry
of Historical Places



6 Acres In
Downtown Southport
4 AFH Units
1 UPH Unit
2 Tennis Courts
Playground
Parade Ground
Southport Community
Center (long-term
lease)

Fort Johnston is in the process of being excessed



Fort Johnston Excess



- NOV 03 – Approval given by CG, SDDC to excess property
- DEC 03 – Checklist submitted to HUD for screening under McKinney Homeless Act
- Current – Compiling environmental and legal documentation for Report of Excess (ROE)
- APR 04 – Submit ROE through channels (after HUD screening)
- JUN 05 – Complete access process

**Will save average
of \$100K/Year
AFH**

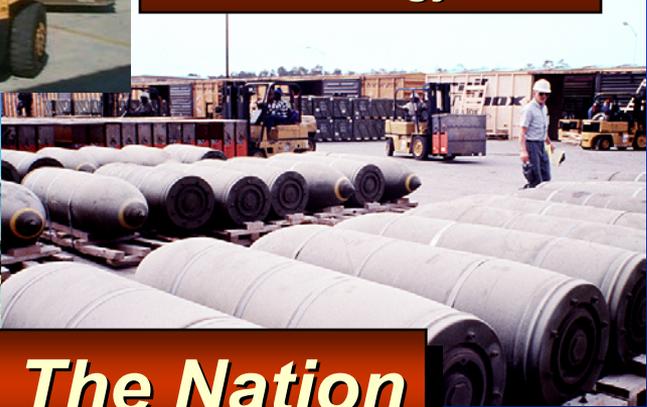


MOT, Sunny Point

***DOD'S Premiere
Ammunition Terminal***



***Indispensable to our
National Military
Strategy***



50 Years of Service To The Nation