

Submarine Base Kings Bay, GA

Net Gain: 1695 Military, 44 Civilians, and 2000 Students

- Base capacity: 17,000 acres including enough unencumbered, developable acreage to build four New London bases (about 2,800 acres)
- Major facilities to support Trident subs (early 1980s), Training Facility (TTF), Trident Refit Facility (TRF), and Strategic Weapons Facility, Atlantic (SWFLANT) are modern: piers, maintenance as well as MWR, recreational and housing facilities
- Fleet concentration: ready access to surface/aviation assets for training and operating events; SSBNs/SSGNs/SSNs collocation permits cross training/familiarization opportunities.
- Ready access to the only sub deperming facility on East coast
- Base security attendant with support of SSBN mission is greater than on any other base (flotation/chain sea barriers, three boats in area, two of which are armed with 50 Cal and one for "shouldering". 360 Master-at-arms to augment over 300 USMC security guards (President directed military-only security for SSBNs)
- Personnel capacity:
1995: 12,000
If all BRAC actions approved: 11,500
Current: 8,000
- Required to facilitate six SSNs (one pier \$12M), Submarine School (instruction building/simulator building \$89M), BEQs for the approximately 2000 students \$52M. Total MILCON: \$238.4
- New London five year MILCON plan for pier construction alone: \$120M
- Cost Considerations Developed by DOD for Submarine Base New London, CT (Numbers include entire DOD recommendation; relocation of Naval Ordnance Test Unit from Cape Canaveral)
 - One-Time Costs: \$679.6 million
 - Net Savings (Cost) during Implementation: \$345.42 million
 - Annual Recurring Savings: \$192.78 million
 - Return on Investment Year: 2014 (Three)
 - Net Present Value over 20 Years: \$1.58 billion
- Community capacity: Adequate housing, schools and transportation. Twenty minutes from Jacksonville Airport, 45 minutes from downtown Jacksonville, about 12% of

military and 20% of civilians live in Florida. All costs (housing, utilities, etc. are less expensive than New London area)

- Camden County population has grown from 13,000 in 1980 to 45,500 2003; sustained growth of 12% per year for over 20 years
- Nine elementary, two middle, one ninth grade center, one high school with student population increasing from 2,800 to 9,700 1978 to 2002. Can accommodate 1500 additional students with current schools and building plan (New London anticipated student loading is approximately 1,000: forecast by DoD estimates).

(Seven SSBNs on board with two shifting homeports to Bremerton, WA 10/2005 and two SSGNs arriving 06 and 07.

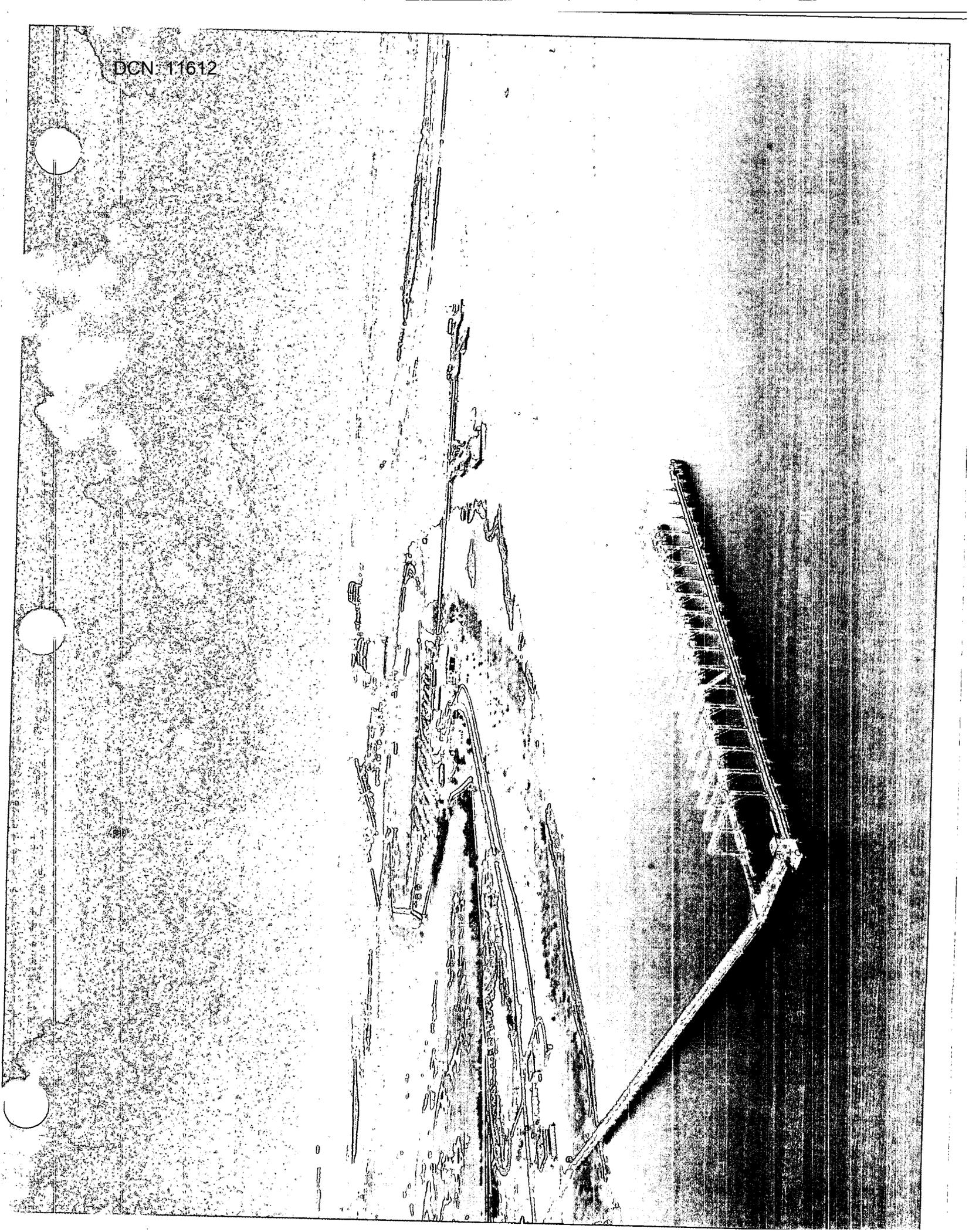
SSBN: 524' x 33' 143 times two crews times five subs: 1430

SSGN: 560' x 42' (tomahawk/MK 48s) 154 men and 66 spec ops times two: 308

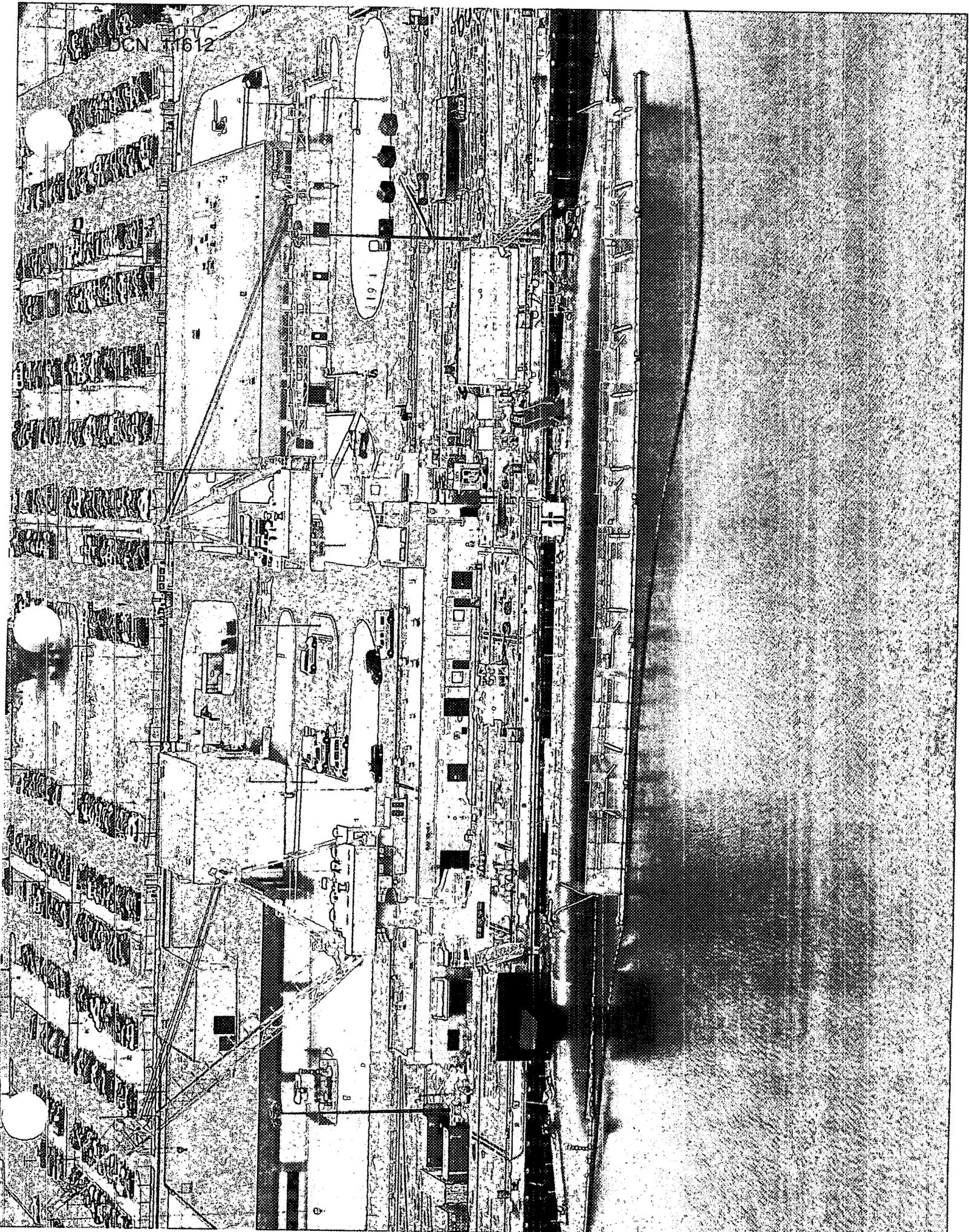
Four oldest Ohio (Tridents) in conversion by EB in Puget Sound and NNSY in Portsmouth. Florida/Georgia to Kings Bay 06/07 respectively

SSN: Seawolf: 353' x 40' draft 35'	displacement 8K tons	127)
Virginia: 377' x 34'	displacement 7.8L tons	113
LA 360' x 33	displacement 6.9K tons	127 crew

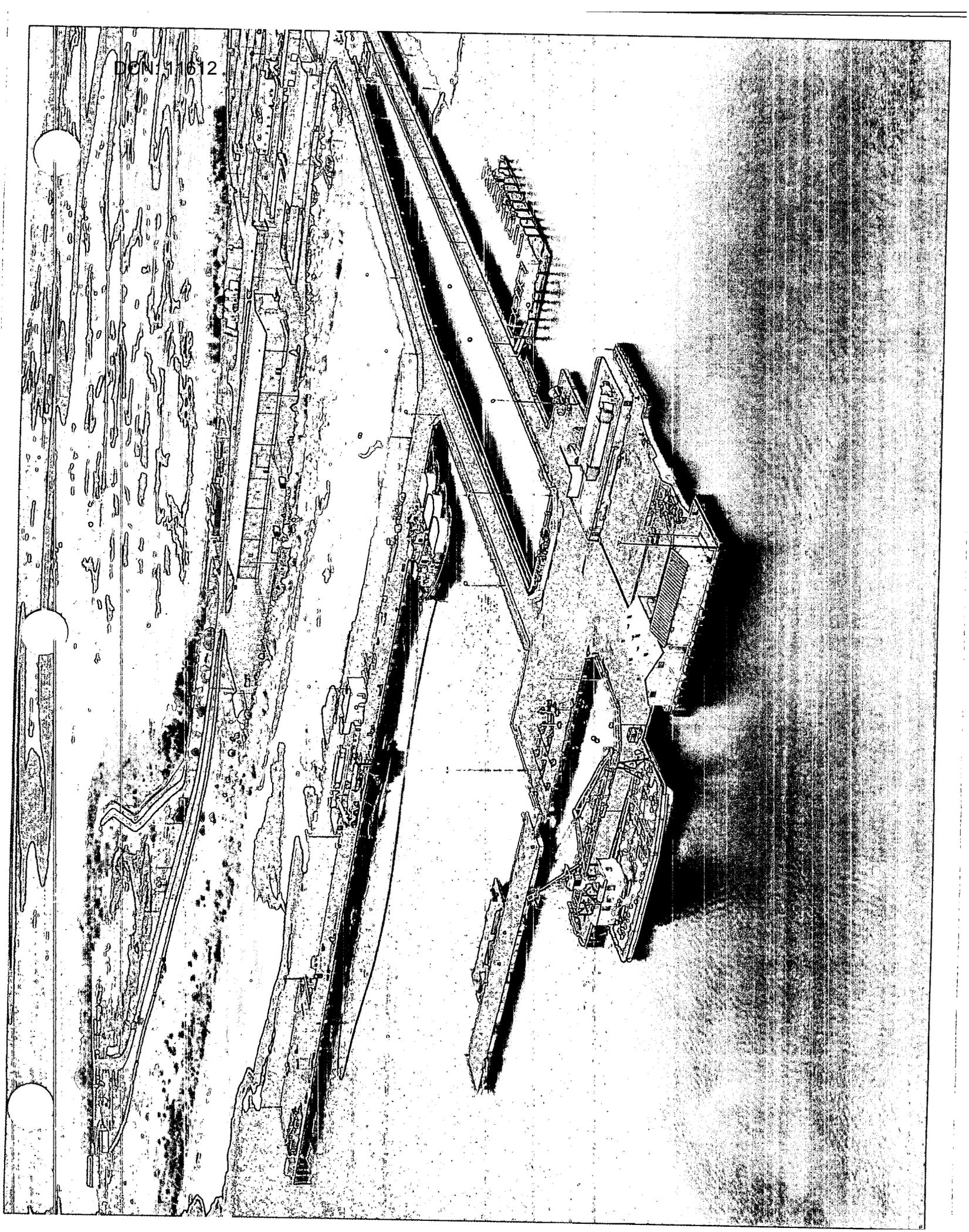
DCN 11612



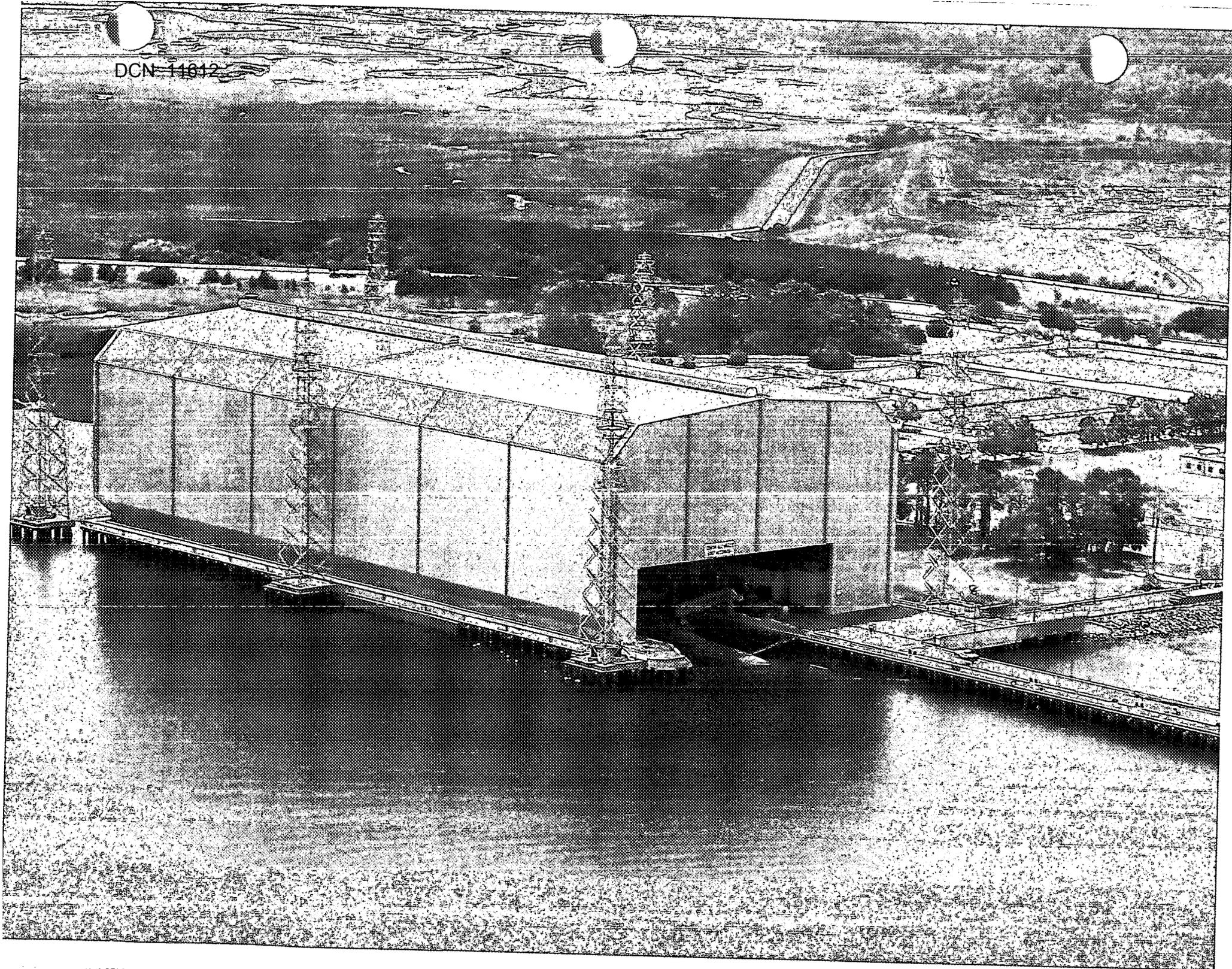
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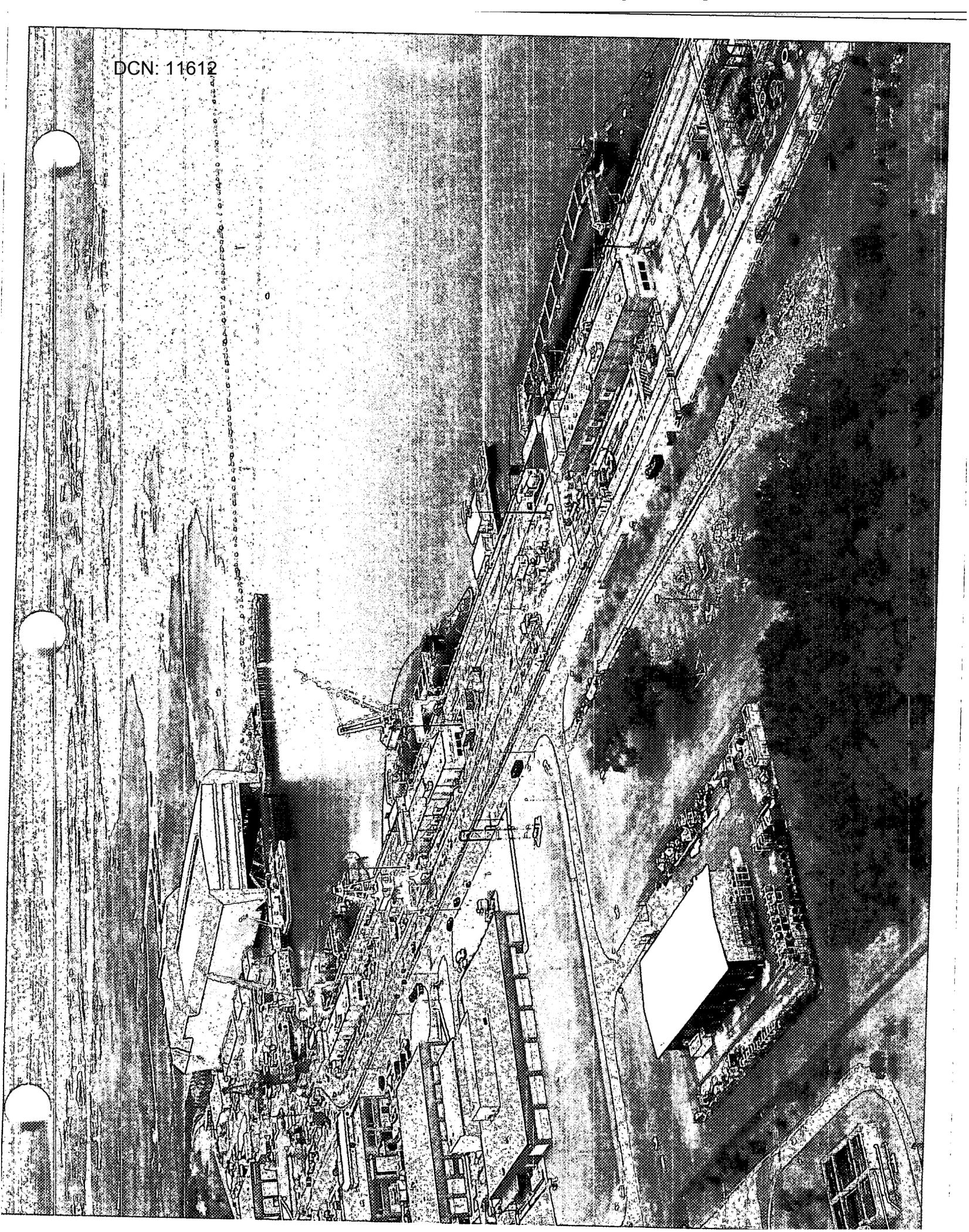
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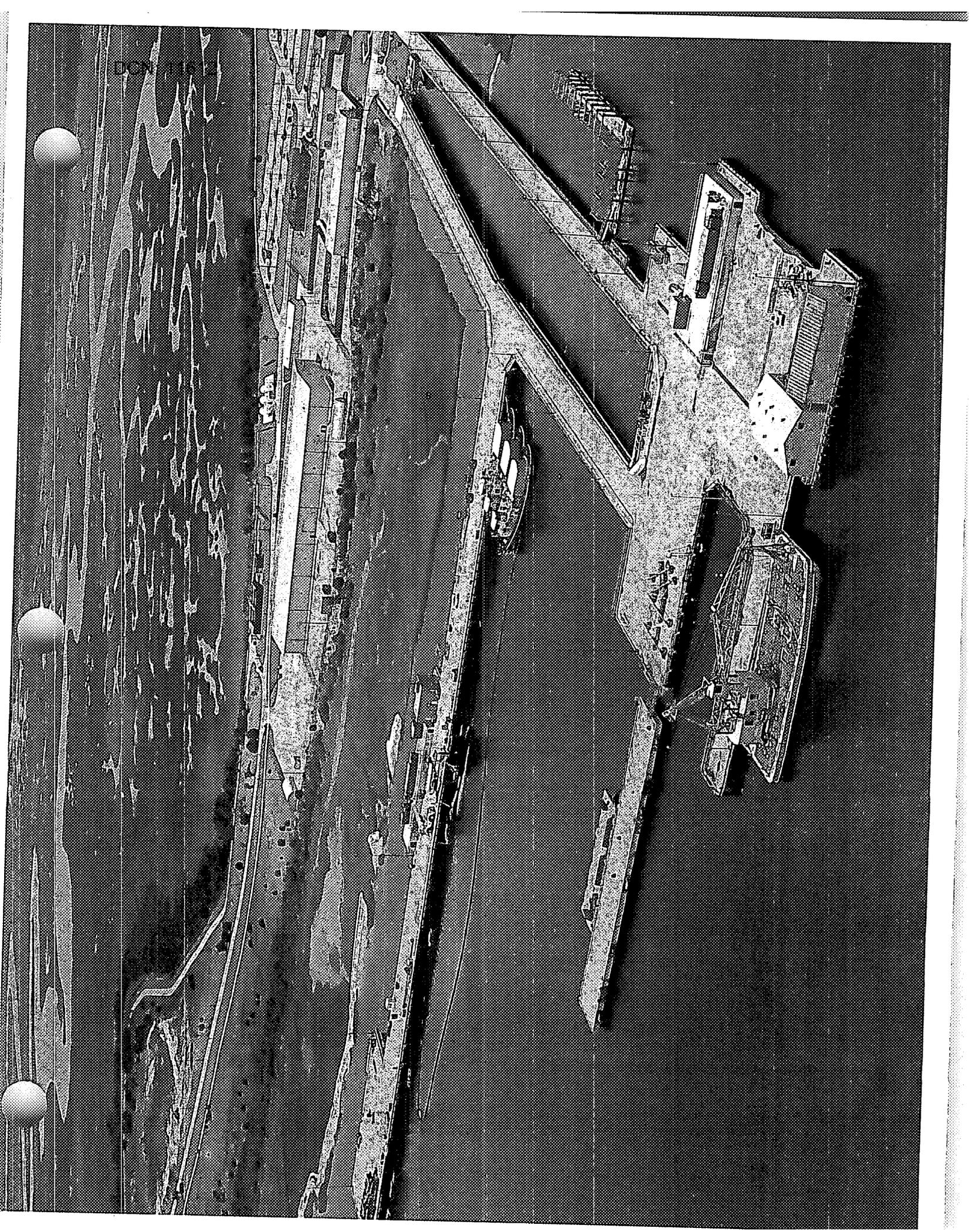


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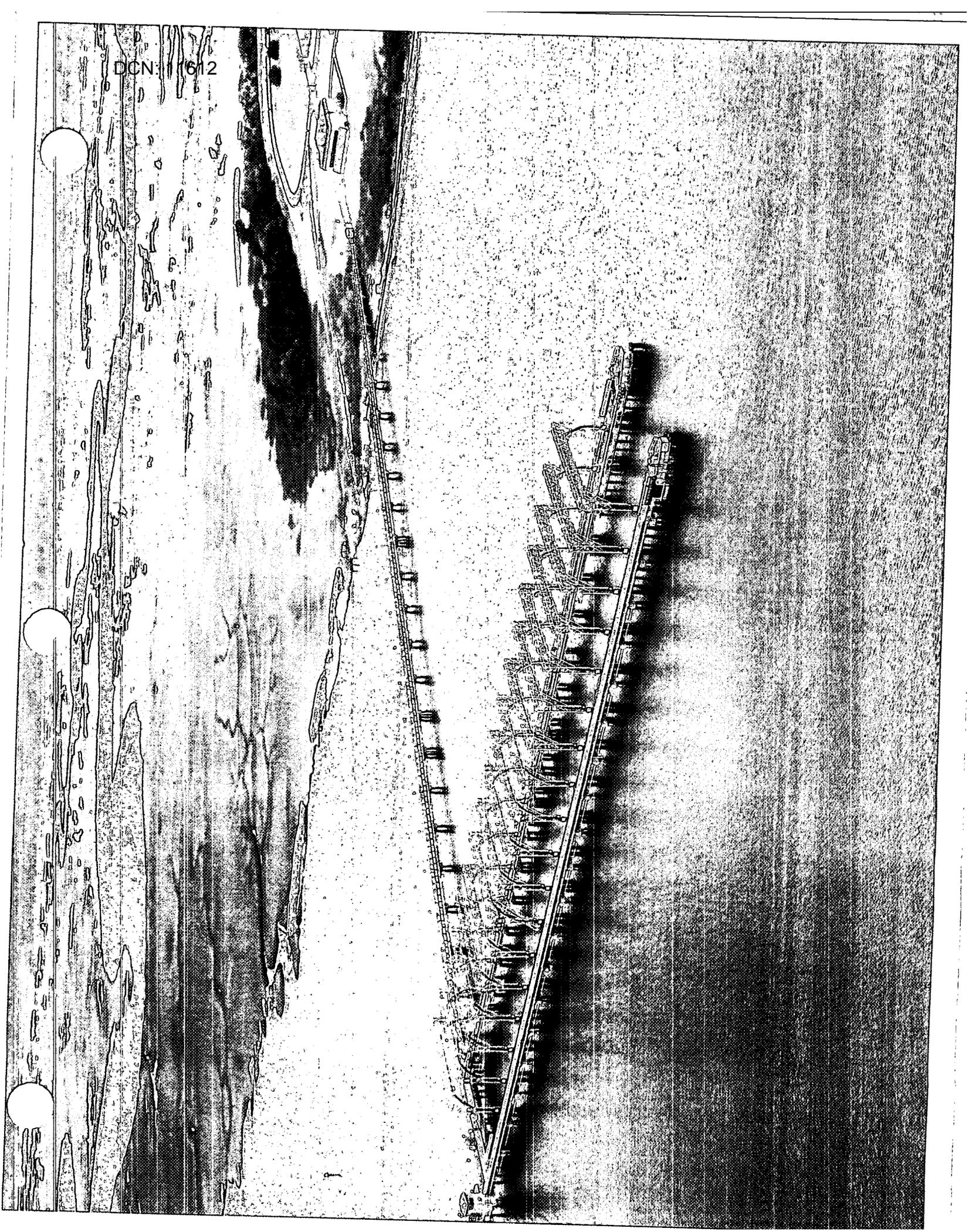


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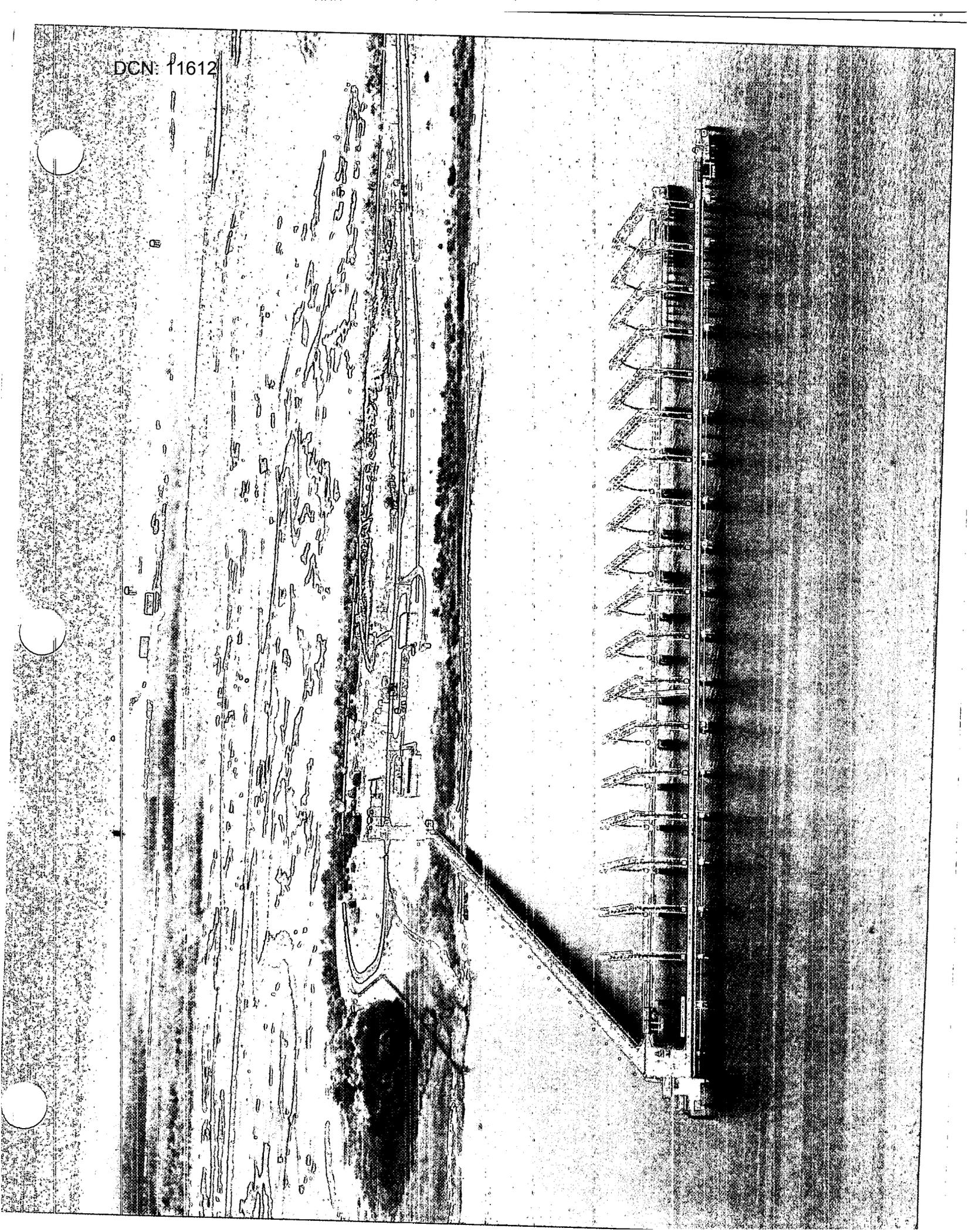


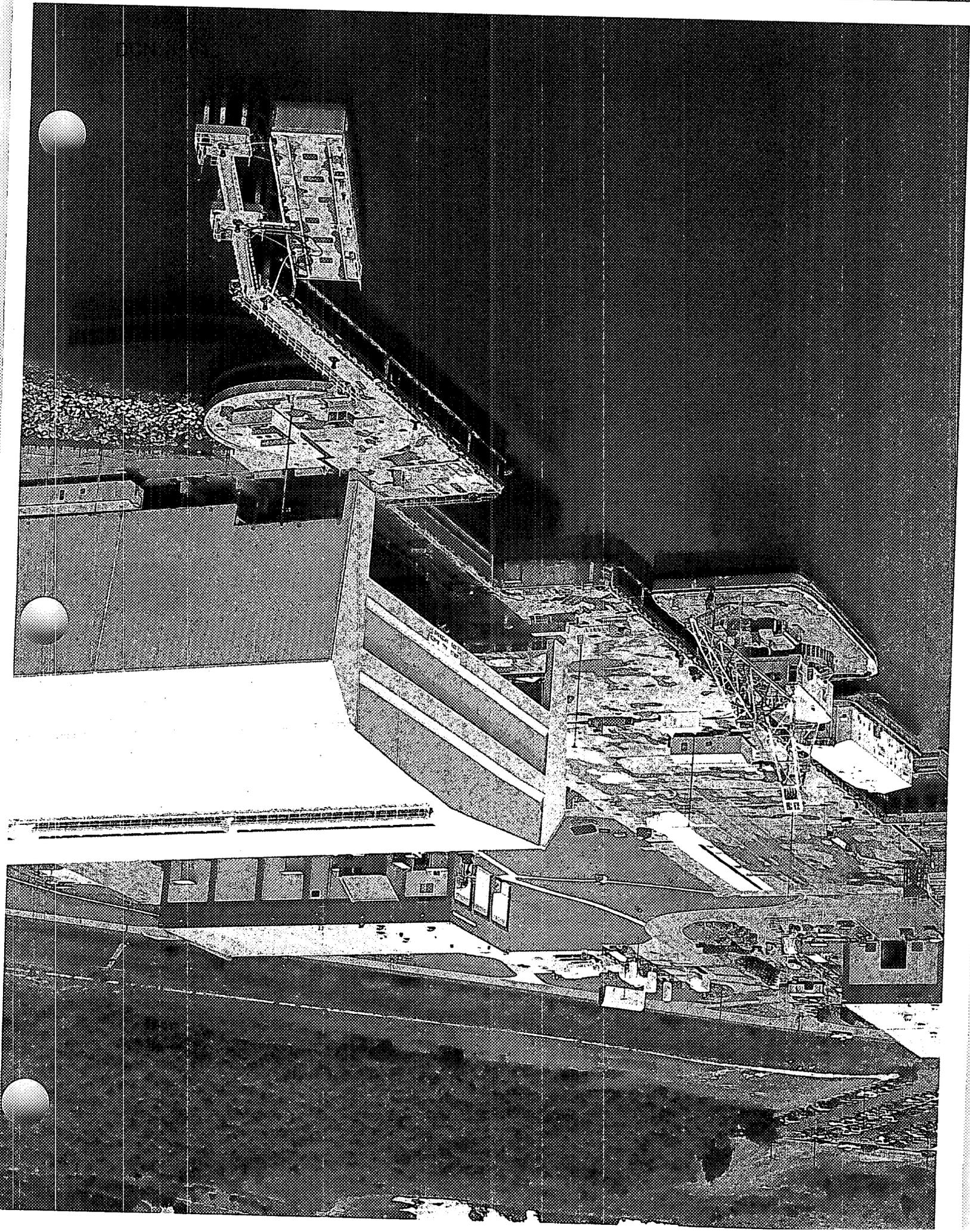
DCN: 612



DCN: 11612

DCN: P1612





**NAVAL SUBMARINE BASE KINGS BAY, GA
ANALYST BASE VISIT**

June 17, 2005

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- Y. COBRA
- Z. ADDITIONAL INFORMATION: ANALYST NOTES

Naval Submarine Base Kings Bay ITINERARY

16/17 June, 2005

TIME	EVENT	LOCATION	POC	NOTES
6/16 1600-1900	Orientation drive Kingston, Kings Bay and St. Mary's	Vicinity Submarine Base Kings Bay	N/A	Windshield tour of area surrounding Kings Bay
6/17 0900-1030	Base Brief	CO Kings Bay Conference Room	Captain McKinnon	Briefed Recommended SSN and Sub School Move from New London and NOTU from Cape Canaveral
1030-1230	Windshield tour of base facilities	Kings Bay	Captain McKinnon	Trident Training Facility, Trident Refit Facility, Pier and Maintenance Facilities, Strategic Weapons Facility, Housing, Base Support and MWR Facilities

DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

BASE SUMMARY SHEET

Submarine Base Kings Bay, GA

INSTALLATION MISSION

DOD RECOMMENDATION

- Close Naval Submarine Base New London, CT. Relocate its assigned submarines, Auxiliary Repair Dock 4 (ARDM-4), and Nuclear Research Submarine 1 (NR-1) along with their dedicated personnel, equipment and support to Submarine Base Kings Bay, GA, and Naval Station Norfolk, VA. Relocate the intermediate submarine repair function to Shore Intermediate Repair Activity Norfolk, at Naval Shipyard Norfolk, VA, and Trident Refit Facility Kings Bay, GA. Relocate the Naval Submarine School and Center for Submarine Learning to Submarine Base Kings Bay, GA.

DOD JUSTIFICATION

- The existing berthing capacity at surface/subsurface installations exceeds the capacity required to support the Force Structure Plan. The closure of Submarine Base New London materially contributes to the maximum reduction of excess capacity while increasing the average military value of the remaining bases in this functional area. Sufficient capacity and fleet dispersal is maintained with the East Coast submarine fleet homeports of Naval Station Norfolk and Submarine Base Kings Bay, without affecting operational capability. The intermediate submarine repair function is relocated to Shore Intermediate Maintenance Activity Norfolk at Norfolk Naval Shipyard, and the Trident Refit Facility Kings Bay, GA, in support of the relocating submarines.

COST CONSIDERATIONS DEVELOPED BY DOD

- One-Time Costs: \$679.6 million
- Net Savings (Cost) during Implementation: \$345.42 million
- Annual Recurring Savings: \$192.78 million
- Return on Investment Year: 2014 (Three)
- Net Present Value over 20 Years: \$1.58 billion

MANPOWER IMPLICATIONS OF THIS RECOMMENDATION (EXCLUDES CONTRACTORS)

NS 474

	<u>Military</u>	<u>Civilian</u>	<u>Students</u>
Baseline	6,402	3,069	300
Additions	1,698	80	1,447
Total	8,100	3,149	1,747

ENVIRONMENTAL CONSIDERATIONS

- Naval Station Norfolk, VA is in Maintenance for Ozone (1-Hour) and Marginal Non-attainment for Ozone (8-Hour). An Air Conformity Determination may be required. There are potential impacts for dredging; marine mammals, resources, or sanctuaries; threatened and endangered species; and water resources. Naval Shipyard Norfolk, VA, has the same air status as Naval Station Norfolk. There may be similar water resource impacts. Submarine Base Kings Bay, GA, is in Attainment. There are potential impacts for dredging; marine mammals, resources, or sanctuaries; threatened and endangered species; and water resources. Naval Air Station Pensacola, FL, is in Attainment. There are potential impacts to cultural, archeological, tribal resources; waste management; and wetlands. Walter Reed Medical Center-Forrest Glen Annex, MD, is in Severe Non-attainment for Ozone (1-Hour and 8-Hour) and an Air Conformity Determination will be required. There are potential impacts to land use constraints or sensitive resources, and wetlands. Fort Sam Houston, TX, is in Attainment. There are potential impacts to cultural, archeological, tribal resources; threatened and endangered species; and water resources. No impacts are anticipated for the remaining resource areas of noise; or waste management. This recommendation indicates impacts of costs at the installations involved, which reported \$11.3M in costs for waste management and environmental compliance. These costs were included in the payback calculation. Naval Submarine Base New London, CT, the closing installation, reports \$23.9M in costs for environmental restoration. Because the Department has a legal obligation to perform environmental restoration regardless of whether an installation is closed, realigned, or remains open, this cost is not included in the payback calculation. The aggregate environmental impact of all recommended BRAC actions affecting the installations in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

REPRESENTATION

- Governor: The Honorable Sonny Perdue (R)
- Senators: The Honorable Saxby Chambliss (R)
The Honorable Johnny Isakson (R)
- Representative: The Honorable Jack Kingston (R)

ECONOMIC IMPACT

- | | |
|------------------------------|-----------------------|
| • Potential Employment Gain: | 5,040 jobs |
| • MSA Job Base: | 23,025 jobs |
| • Percentage: | 21.9 percent increase |

MILITARY ISSUES

- Capacity to accommodate transfer of submarines, submarine school, maintenance support and associated personnel and equipment
- Timely receipt of MILCON to support gains



COMMUNITY CONCERNS/ISSUES

- Camden County's capacity to accommodate population growth

ITEMS OF SPECIAL EMPHASIS

- Continuity of submarine personnel training during transition of submarine school from New London to Kings Bay

Hal Tickle/Navy/06/17/2005



Recommendation for Realignment Submarine Base Kings Bay, GA

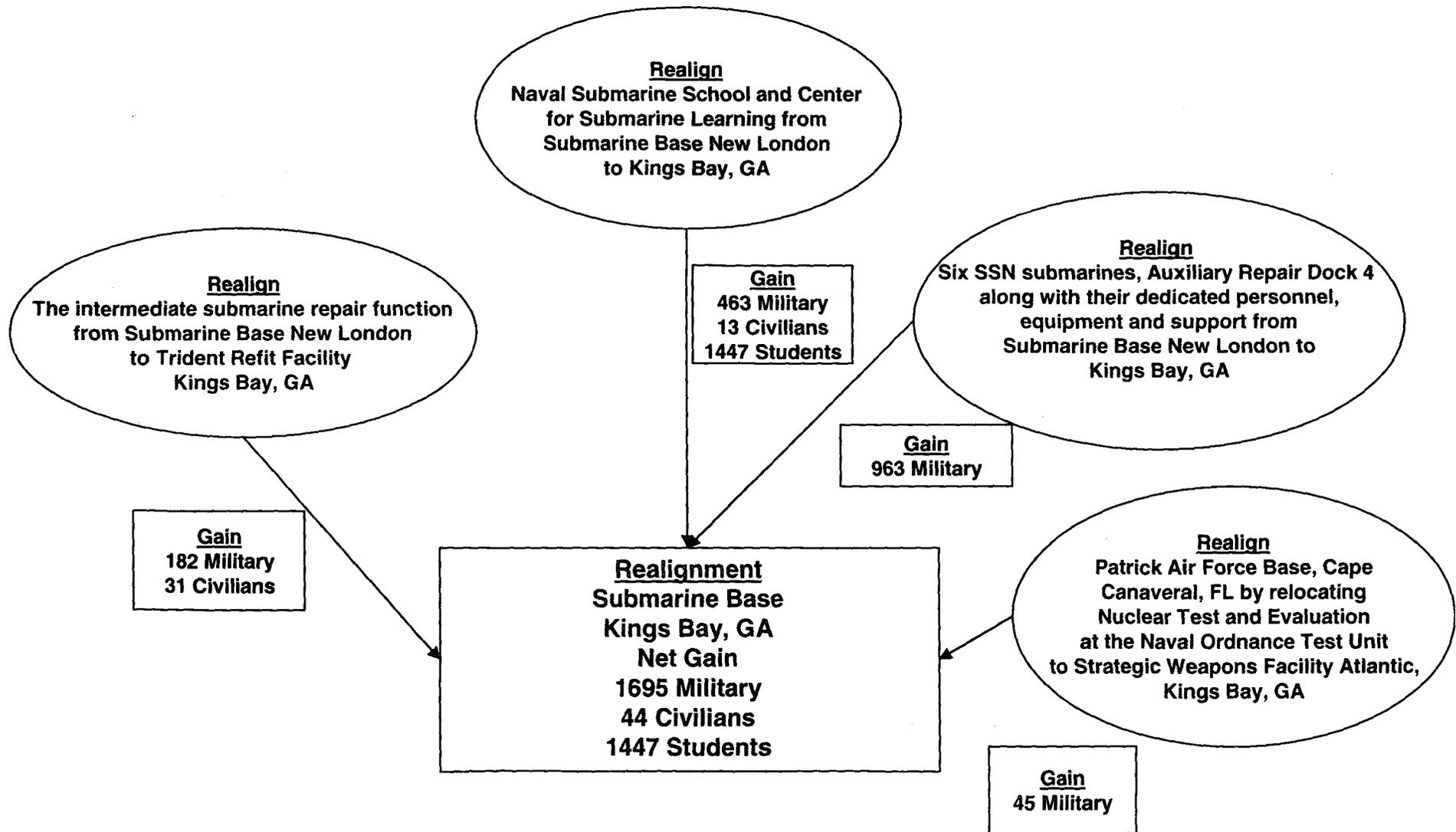
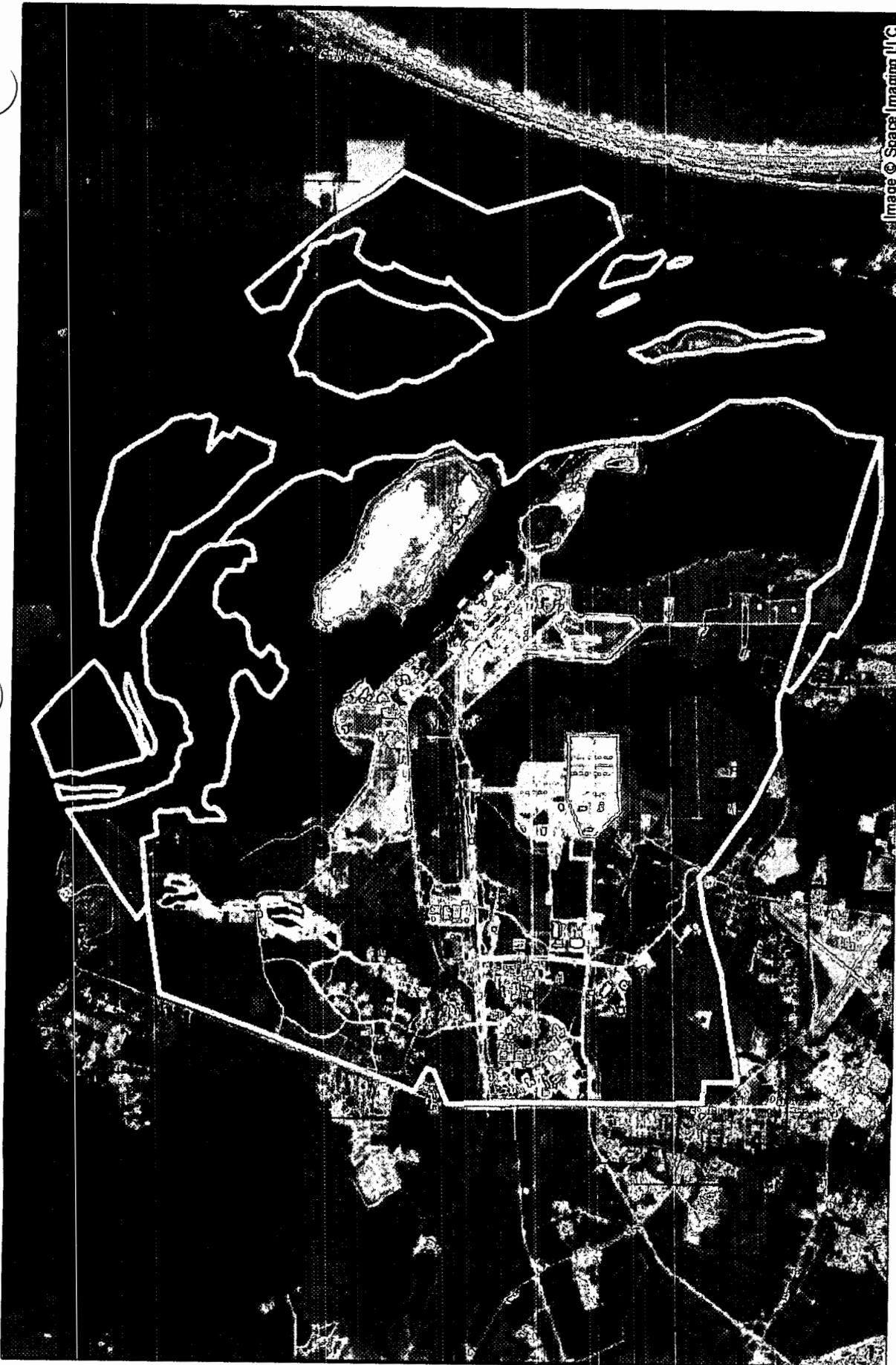


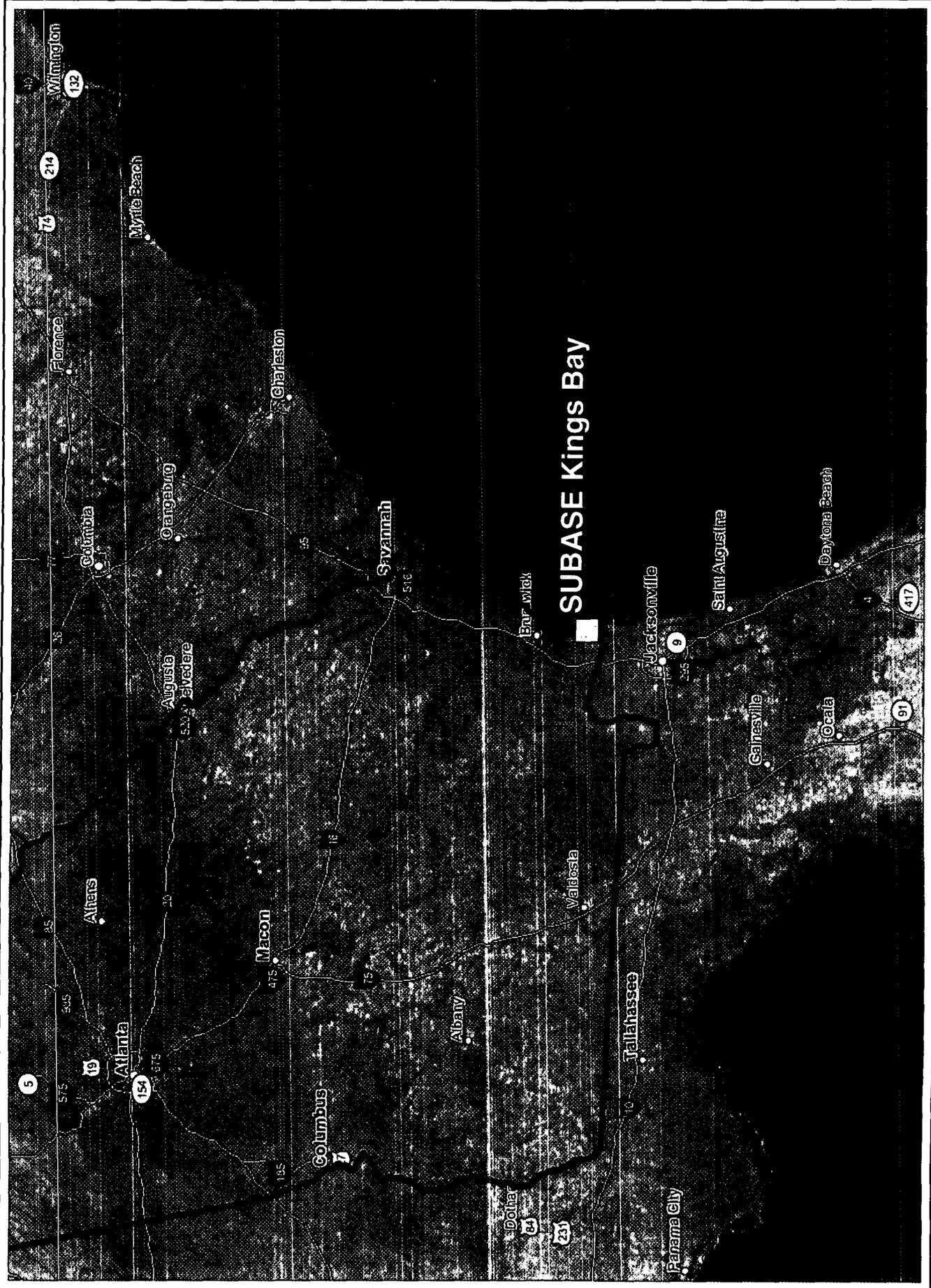
Image © Space Imaging LLC

Submarine Base Kings Bay, GA

Installation Boundary



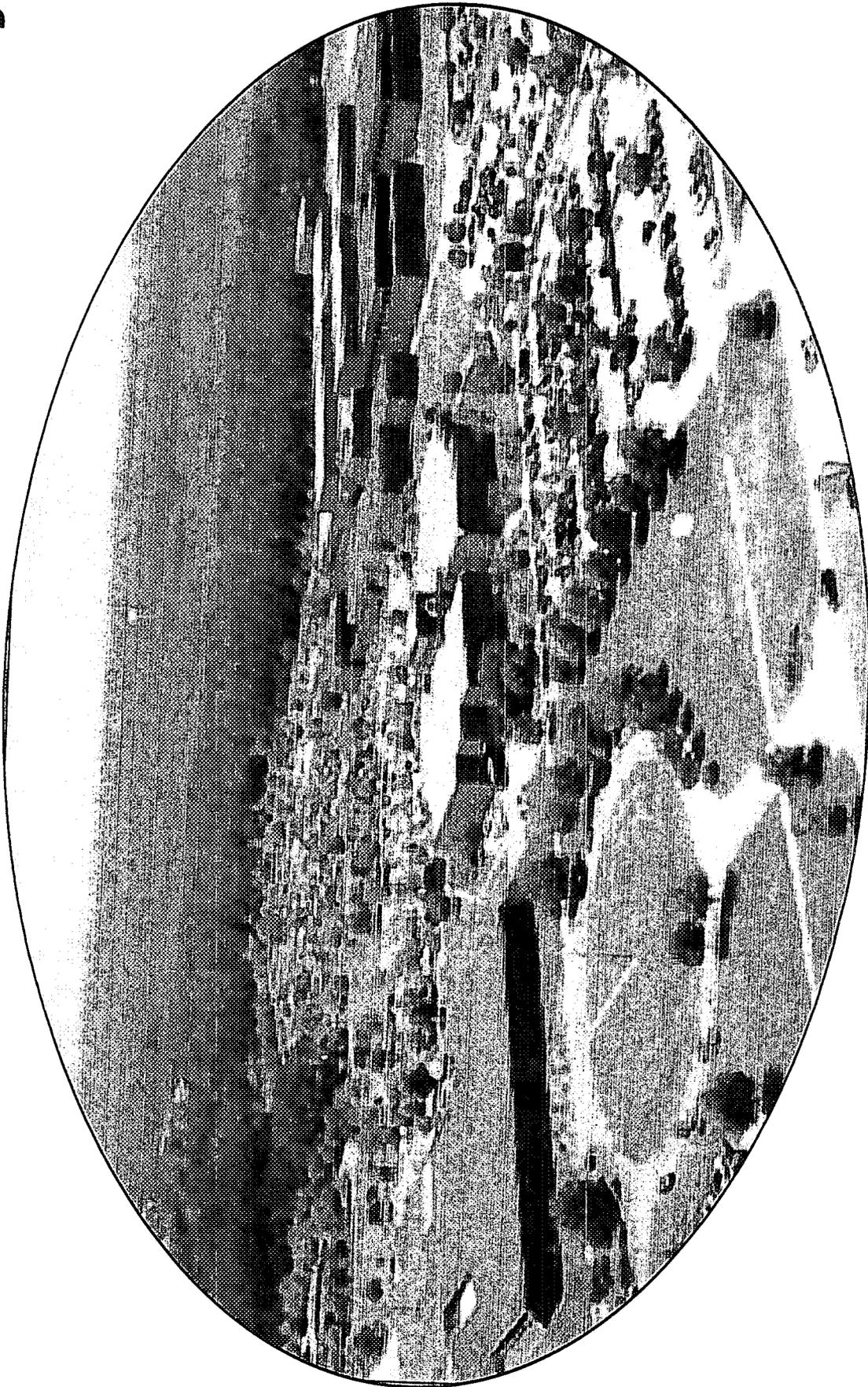
Recommended Georgia Bay Realignments and Closures



SUBASE Kings Bay Statistics
 Total Acres: 16,609 Total Personnel: 5,733
 Acres Owned: 12,957 Mil: 4,161
 Civ: 1,572
 Other: 0

Naval Submarine Base, Kings Bay

DCN: 11612



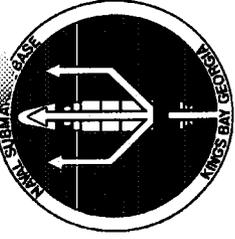
17 JUNE 2005



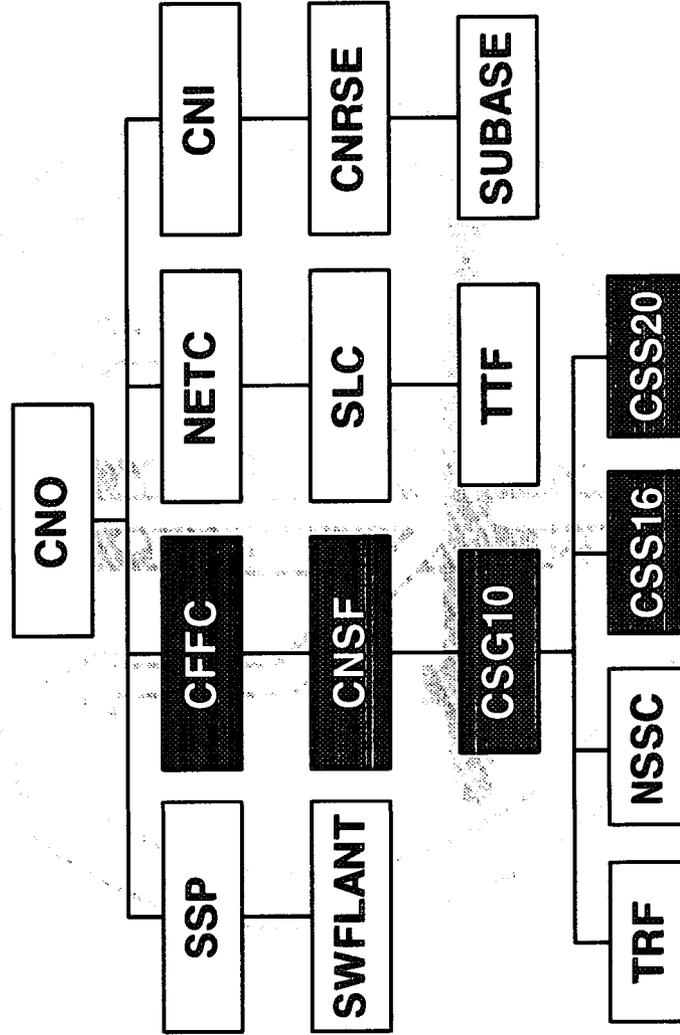
Mission - Vision - Guiding Principles



- **Mission – Deliver Support to the Strategic Warfighter** – SSGN (warfighter of choice) - 22 yr
- **Vision – One Team....Focused on the Warfighter**
- **Guiding Principles**
 - Operate with the focus on the customer
 - Committed to the success of our people
 - Make a difference through integrity, unity, and professionalism
 - Lead forward to meet challenges with teamwork, innovation, stewardship, and open communication

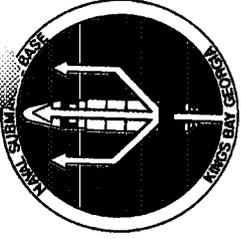


Kings Bay Major Commands & Claimants





Who We Support



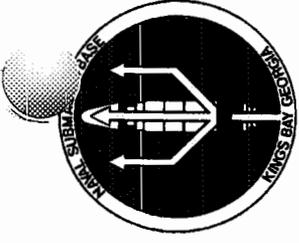
- **Commander Submarine Group Ten**
 - Commander Submarine Squadron Sixteen
 - Commander Submarine Squadron Twenty
 - Trident Refit Facility
 - 7 SSBNs & 2 SSGNs (NORVA – shipyard conversion) ¹⁵ *off of 6A 6-1-2*
- **Trident Training Facility**
- **Strategic Weapons Facility Atlantic**
 - Marine Corps Security Force Company
- **Other Navy/Government: 26**
- **Non-Government Tenants: 8**



Who We Support



- American Red Cross
- Army Veterinary Services
- DeCA
- Defense Security Service
- Defense Printing Detachment, JAX
- FISC JAX Purchasing & Personal Property
- HRO JAX
- Inshore Boat Unit
- Naval Atlantic Meteorology & Ocean Det
- Naval Undersea Warfare Center
- Naval Criminal Investigative Service
- Navy Exchange



Atlantic Fleet SSBN Force



- **USS TENNESSEE (SSBN 734)**
- **USS WEST VIRGINIA (SSBN 736)**
- **USS MARYLAND (SSBN 738)**
- **USS RHODE ISLAND (SSBN 740)**
- **USS MAINE (SSBN 741) ***
- **USS WYOMING (SSBN 742)**
- **USS LOUISIANA (SSBN 743) ***

*Best 10000
10000 - 1500*

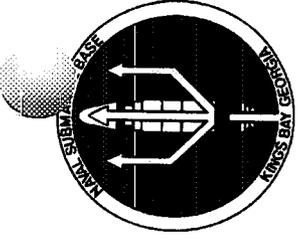
* Homeport Shift to KITSAP 01 Oct 2005



SUBBASE SNAPSHOT



- **Provide Support to 40+ Tenant Commands:**
 - AT/FP for a ROC 1 Installation *- Base*
 - East Coast Support for the Trident D5 Weapons System (the Submarine, its Crews and the Missile/Launch Support System)
 - \$1.2B Construction Project on 16,944 acres / 25 square miles
 - 8553 total employees (2224 Civilians, 4724 Military, 1605 Contractors)
 - SUBBASE ~ 167 Civilians, 285 Military, 175 MWR
 - \$65.7 million budget *Figure 450 - base camp*
 - \$449 million payroll
 - Superb QOL and FFSC programs
 - Unique utility support infrastructure
 - Unique training, refit and weapons facilities
- **Advocate for:**
 - Installation and Fleet Support Issues



Public Works Utility Uniqueness

- Self-Sustained Base
- Military Owned and Operated Utilities
 - 230 KV Electrical Distribution System
 - 70 MW Capacity, 36 MW Demand, 34 MW EXCESS
 - Unmatched Cost Effectiveness and Savings
 - 36 MW Diesel Gen (Backup and Peak Power Demand)
 - 2.9M GPD Water Supply and Treatment System
 - Current Demand 1 M GPD; 1.9 M GPD EXCESS
 - 1.5M GPD Waste Water Capacity (Upper Base)
 - Current Demand 0.75 M GPD; 0.75 M GPD EXCESS
 - 0.75M GPD Waste Water Capacity (Lower Base)
 - Current Demand 0.15 GPD; 0.6 M GPD EXCESS
 - \$15M Phone, LAN Fiber Optic Distribution System

Handwritten notes:
 August 11, 07
 K. B. 107
 Submarine
 use that now under system
 withy electric (Blue 6-65)
 also notes to DC.

Handwritten notes:
 home plant @ again - need
 more than plant

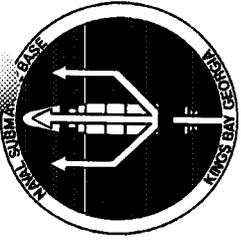


Future Mission Changes



- **Planned Loss of TWO SSBNs (Oct 2005)**
 - **USS MAINE** *off 06*
 - **USS LOUISIANA** *off 07*
- **WARFIGHTER GROWTH**
 - **Plan of Record Show TWO SSGNs**
 - **USS FLORIDA (Home Port Shift FY06)**
 - **USS GEORGIA (Home Port Shift FY08)**
 - **350 Master At Arms to Provide Waterfront Restricted Area Security by October 01, 2005**

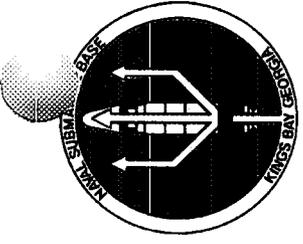
send G's 10/07



BRAC Recommendation

- **Close NLON - relocate to Norfolk and Kings Bay**
 - Submarine Learning Center Command
 - Naval Submarine School
 - Submarine SSN Squadron Support
 - SSN Submarines
 - USS SHIPPINGPORT (ARDM 4)
 - IMA Repair Support
 - Medical Support *(primary students)*
- **RELOCATE Nuclear T&E at NOTU to SWFLANT**
- **USNS WATERS**
- Fleet and Operational Support
- Mission Support Infrastructure

Naval Advanced Test Unit



SUBASE Vision - 2008



MAP Discussion

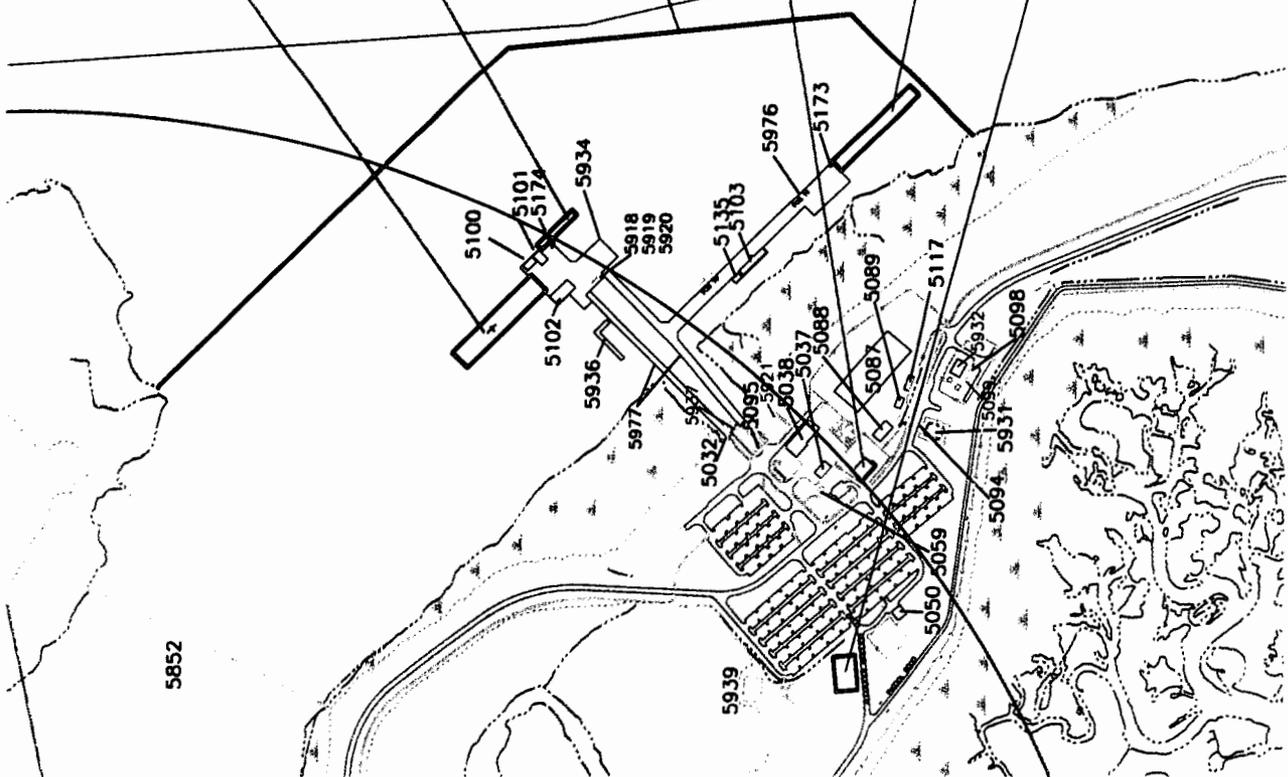
NEW PIER FOR SSN'S

WIDEN ARDM TO ACCEPT
USS SHIPPING PORT

NEW FLOATING BARRIER

RENOVATE BLDG 5090
FOR SSN SQDN ADMIN

NEW PIER FOR
USNS WATERS
NEW SSN MAINT/SHOP
FACILITY



5852

DCN: 11612 NEW BEQ'S
(6 REQ.)

SUB SCHOOL

SUB LEARNING CTR

SUB ESCAPE TNR

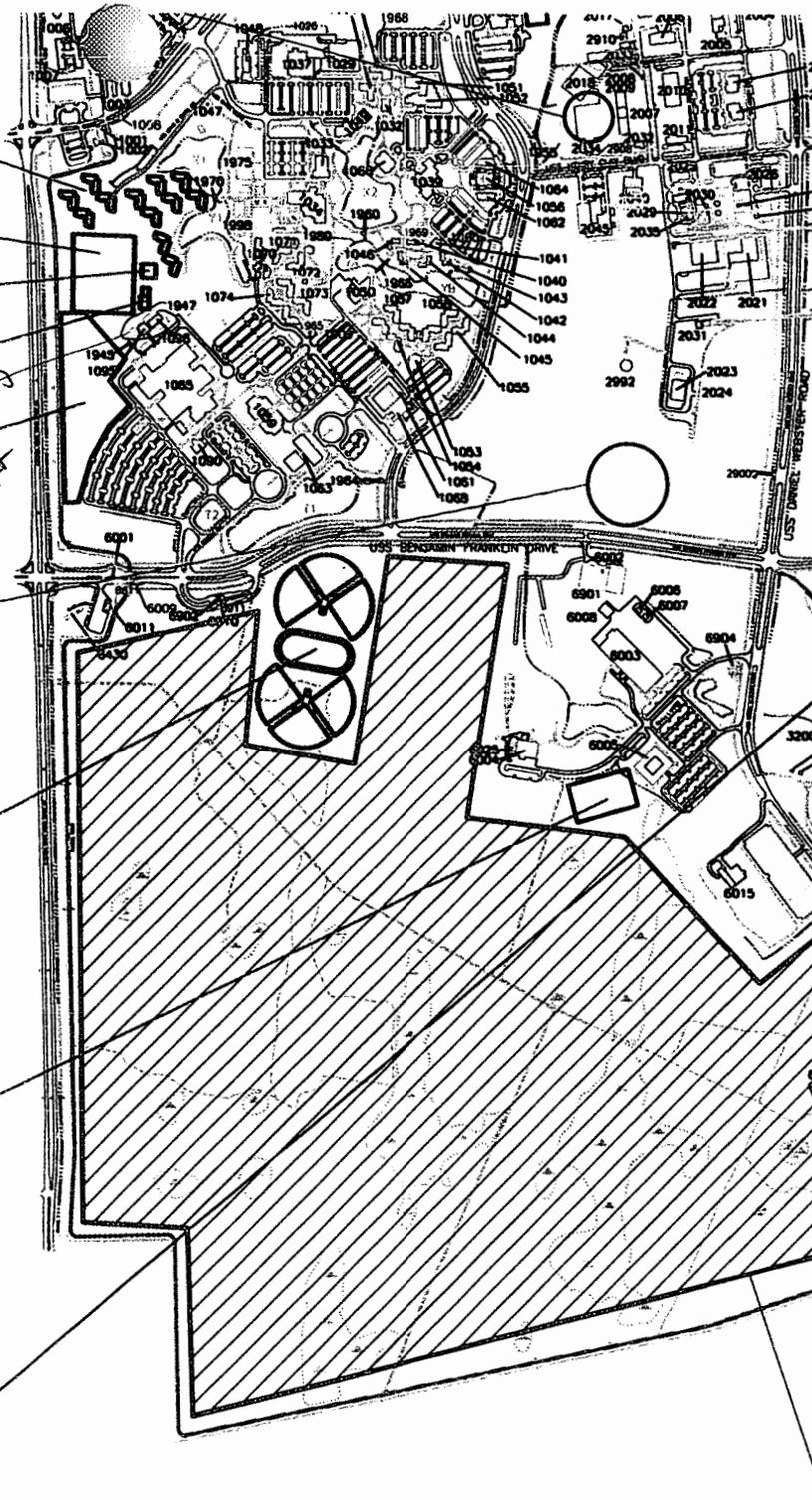
SUB SCHOOL/BEQ
PARKING

FUTURE MILCON P-596
RFF AUX SUPPORT
COMPLEX (AFV GARAGE
& ARMORY)

NEW BALL FIELDS &
SOCCER FIELD

POTENTIAL SITE FOR
NOTU FACILITY ADMIN.

POTENTIAL SITE FOR
NOTU PRODUCTION
FACILITIES



Part of the plan

fire fighting

modules for med support

SSN/USNS WATERS/OSV SITE 6 BERTHING PLAN

SCALE: 1" = 400'

*brought them
together
USNS waters
(page 5)*

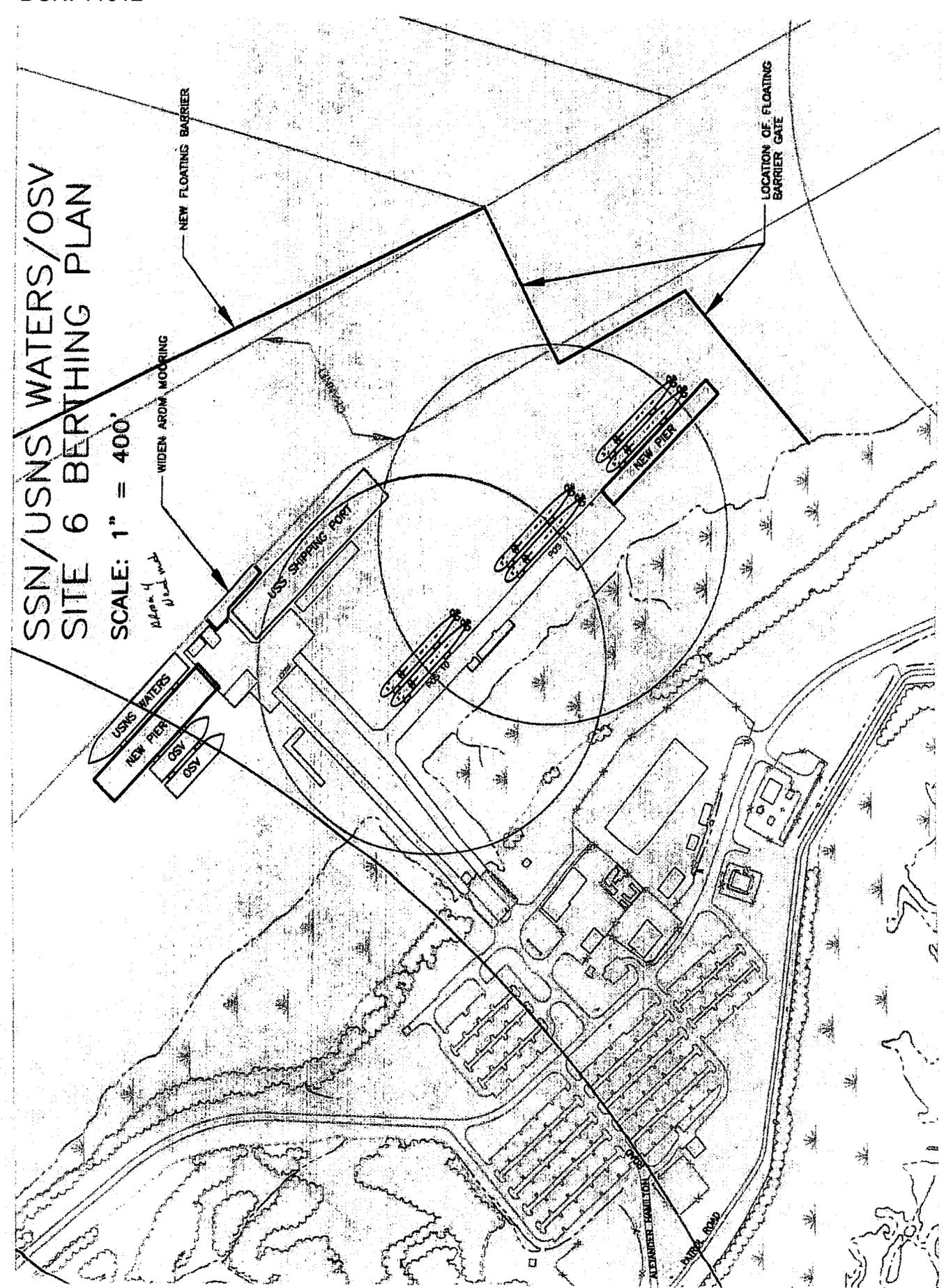
*also - planned
right 2
piers from
(1 pier etc)*

update this

update this

update this

update this





Anticipated Economies & Synergies

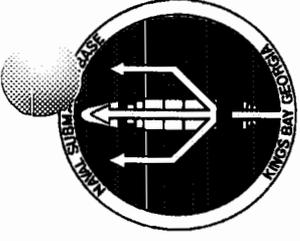


- **SYNERGIES**
 - **Enhanced Wartime READINESS**
 - **Co-location of 3 Submarine Platforms – SSBN, SSGN & SSN - Near Naval Concentration Area**
 - **Sailor Home Porting - Enhance QOS While Improving Operational Exposure and Experience**
 - **Cross Training - Best Practices and Lessons Learned Easily Incorporated and Shared**
 - **Enhanced At-Sea Mutual Training Opportunities with Minimal to No Transit Time**
 - **SURGE Capability Enhanced**
 - **Target Utilization of Repair Resources Where Needed to Meet Military Contingencies**

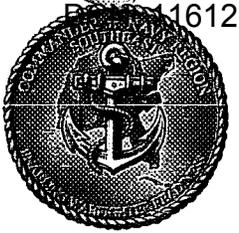
*See Air/Naval
Line 22, 23, 24*



Anticipated Economies & Synergies

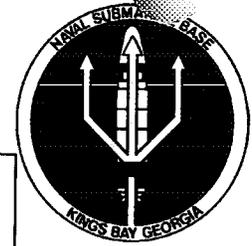


- **SYNERGIES (cont.)**
 - **AT/FP Enhancement**
 - **Leverage off ROC 1 and NWS Requirements**
 - **Nuclear Repair Capability**
 - **Repair Expertise and Experience Broadened**
 - **Minimize Impact for Future Manning Reduction Studies**
 - **No lost transit days for SSNs to transit to Kings Bay for Deperming Operations**
 - **Build DEPERM OPS into SSN Upkeep**



1612

BRAC MILCON – New London



Action #	FAC CODE	FAC DESC	Unit of Measure	QTY (based on UM) (#)	Rehab (based on UM) (#)	Type (List)	Total Cost*
2	1511	Berthing Pier	SY	5,556			11,100,000
6	1712	Applied Instruction - sub school	SF	269,081			56,854,000
6	1721	Operational Trainer - sub school	SF	146,585			32,630,000
6	1732	Training Material Storage	SF	3,466			539,000
6	6100	Administrative Space - sub school	SF	60,284			10,097,000
6	7431	Auditorium & Theater Facility	SF	7,131			1,159,000
2	4211	Magazine, Torpedo	SF	5,432			1,363,000
2	4211	Magazine, DOSA	SF	3,024			759,000
2	4211	Magazine, Tomahawk	SF	9,720			3,788,000
6	7210	Enlisted Unaccompanied Housing	SF	286,000			51,728,000
8	6100	Administrative Space - sub learning ctr	SF	11,000			1,842,000
6	8521	Parking - school and center	SY	95,000			5,229,000
6	8122	Street/Parking Lighting	LF	7,500			99,000
6	8511	Roads - school & center	SY	5,000			134,000
2	8261	Waterfront Utility Plant	SF	10,000			9,209,000
2	1498	Entry Control Point	SF	108			950,000
2	1431	Waterfront Operations Bldg	SF	0	9,197	Amber	184,000
6	8261	Satellite Thermal Plant - school, center & additional BQs.	SF	10,000			12,262,000
6	7522	Soft Ball Fields	EA	6			1,362,000
2	8311	Wastewater Treatment Plant	EA	1			3,896,000
2	8321	Sanitary Sewer System	EA	1			927,000
2	8412	Water Treatment Facilities	EA	1			3,153,000
2	8421	Potable Water Distribution System	EA	1			2,411,000
2	8111	Electrical Power Plant	EA	1			8,800,000
2	8121	Electrical Distribution Lines	EA	1			4,785,000
2	8131	Electrical Substations	EA	1			3,575,000
6	5501	Ambulatory Health Care Clinic	SF	32,139			8,608,000

BRAC MILCON - NOTU



1721	Simulator Facility	SF	17,000			3,784,000
2123	Missile/Launcher Maintenance Support Facility	SF	10,000			2,023,000
2126	Intercontinental Ballistic Missile Proc.	SF	25,000			11,828,000
3121	Missile and Space RDT&E Facility	SF	30,000			10,810,000
3191	Misc Item and Equipment RDT&E Facility	SF	35,000			6,236,000
4421	Covered Storage Building, Installation	SF	35,000			3,222,000
4423	Hazardous Materials Storage, Installation	SF	2,400			356,000
6100	General Administrative Building	SF	60,000			10,049,000
8521	Vehicle Parking, Surfaced	SY	21,000			1,156,000
8122	Exterior Lighting Lines	LF	11,000			146,000
8511	Road, Sargaced	SY	14,000			374,000
8522	Vehicle Parking, Unsurfaced	SY	90,000			730,000
8321	Sewer and Industrial Waste Line	LF	11,000			680,000
8421	Water Distribution Line, Potable	LF	6,000			281,000
8121	Electrical Power Distribution Line	LF	15,000			574,000
8121	Electrical Power Distribution Line	LF	600			23,000
8131	Electrical Power Substation and Switching	KV	60,000			4,772,000
8121	Electrical Power Distribution Line	LF	600			280,000
	Total					57,323,000



*DATA 4/8/04
Service Desk
1/2/04*

NOTU Gap Analysis

*Change in to
Switzerland for user
to office
with security holes
revenue. Error
ground*

11/21/04

Title	Data Call	Baseline May 05	Gap	Est. Cost
Warehouse	72,400	69,300	3,100	-\$421,600
Production	65,000	70,625	-5,625	\$2,134,125
Telemetry	0	6,100	-6,100	\$2,311,900
Training	17,000	9,712	7,288	-\$1,625,224
Administrative	60,000	90,100	-30,100	\$5,056,800
Total	214,400	245,837	-31,437	\$7,456,001



BRAC Construction Timeline



SSN PIER CONSTRUCTION

Best Case / Worst Case

Receive Funds / Start Date	NOV 05	JAN 06
Perform Environmental Assessment (Perform simultaneously the following)	NOV 06	JAN 08
- Prepare DD1391 (1 month)		
- Prepare Design/Build RFP (2 months)		
- Advertise & Award Contract (3 months)		
Facility Complete (12 to 18 months)	NOV 07	JUL 09



Other Significant Costs

• Refit Support Building – Manpower Efficiency Need Near Site IV

*Refit SSN
Manpower Efficiency
Need Near Site IV
0111*

- Estimated cost of \$2.35 Million

• Dive Tower – may deviate from estimated location, existing NLON MILCON Project P462

*3
- 2-3
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- 2004-2005*



Family Housing Availability and Condition

- Capacity (20 Trident Crews and BOS) ²⁰¹⁰
 - 665 units
 - 171 units Vacant (w/ 14 Trident Crews) ^{hang - 7 TRIDENT SSGNs - available for}
- Condition - Excellent
- 2 SSBN Loss / 2 SSGN Gain - No Effect
- 6 SSN Gain Returns Base to Original Level
- 468 Active Listings for Units Off Base ^{parties offered by housing - don't include the contract - no signs or changes}
 - Off Base Support for ~ 1000 Personnel Required ^{Need to find 600-700 more}
 - 500 to 600 units required over 2-4 year period ^{2-4 yr 6 years to get more housing}
 - History shows roughly 20% will live in NE FL ^{history}

Handwritten notes: 1. 2010-2014 2. 2010-2014 3. 2010-2014

Handwritten notes: 4. 2010-2014 5. 2010-2014 6. 2010-2014



On Base Infrastructure Adequacy

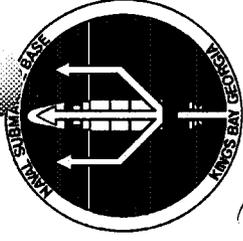


- **CDC**
 - Capacity - 245 children including pre-school
 - Current usage - 140 children
- **Gym**
 - Medium Base per Navy Fitness Standards (3,001-7000 personnel)
 - Average monthly usage - 38,700 patrons
 - Average operating hours per month - 410
 - Average patrons per hour - 94
- **Pool**
 - Open Jun thru Aug
 - Patrons per month - 5,800 patrons

Handwritten note: 7000-7500



On Base Infrastructure Adequacy



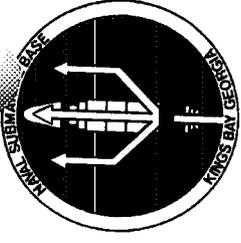
- Youth Center
 - Capacity - 150 elementary age/teens
 - Current usage - 85 elementary age/teens
- Liberty Program *younger-age*
 - Increase in staff will be required
 - Facility and equipment adequate
- NEX/Commissary - Recent Additions
 - Commissary - 18,000 sq feet for total retail space of 53,000 sq feet
 - NEX - 10,500 sq feet for total retail space of 29,700 sq feet
 - Designed for military population of 7,600

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*95 # or 110 need to be paid
 11650*



On Base Infrastructure Adequacy



*Model for future
→ clean
→*

- **Medical**
- Requires 31,000 sq. ft. to support increase population
- May be modularized for effectiveness and efficiency

Chapel

- Chaplain Manning Fully Expected to be Adequate to Handle Increased Counseling Sessions
- Marginal Impact on Catholic Worship Service
- No Impact on Protestant Worship Service *PRC in Jod*

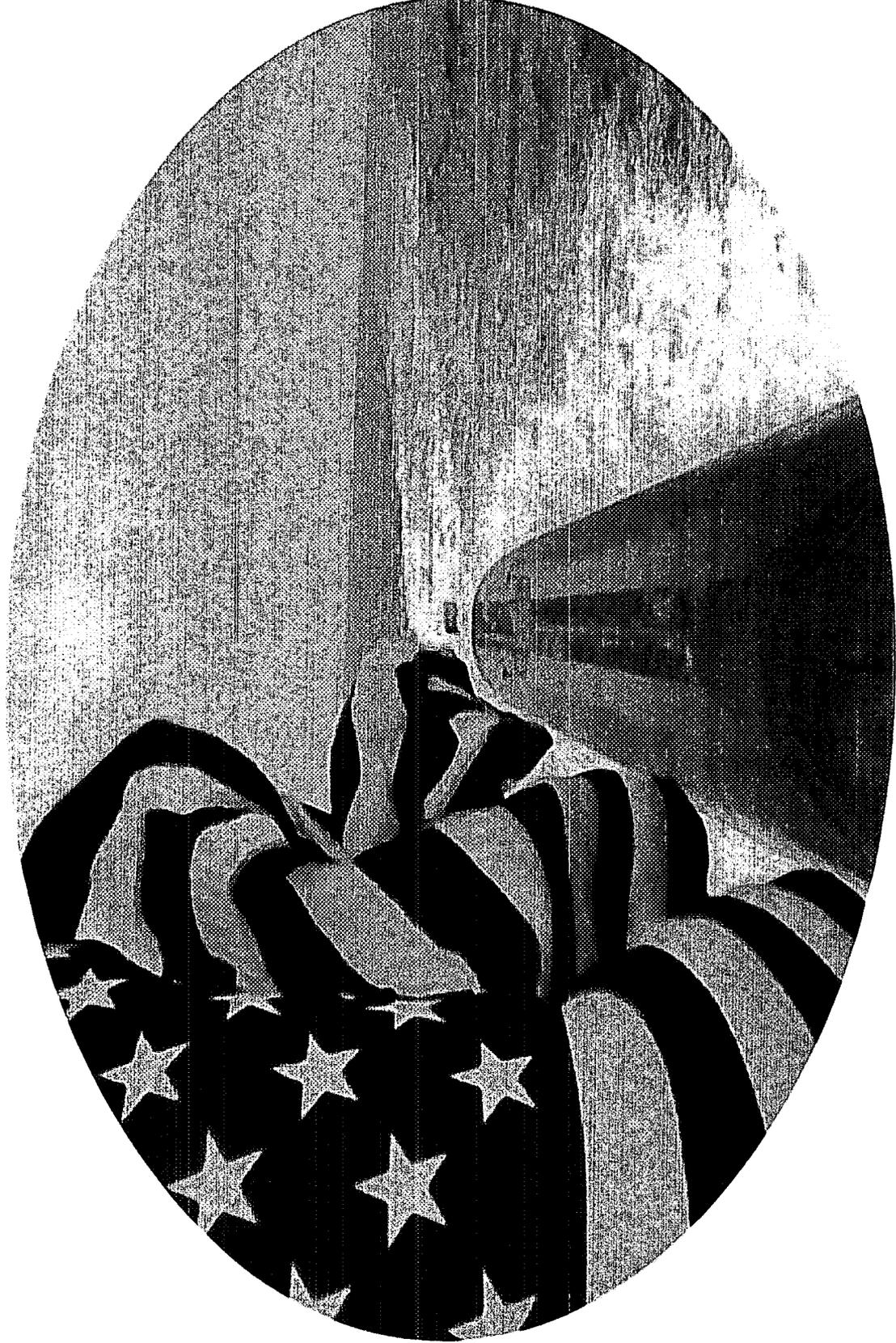
Local Schools

- Excess Capacity Exists - Can Absorb 1,500 Students *Need*
- Previous OEA Grants for Schools
- Approximately \$32,930,147

*CAPE
New # for students
~3300 beds*

Naval Submarine Base, Kings Bay

DCN: 11612



Deliver Support to the Strategic Warfighter



Anticipated Economies & Synergies



- **ECONOMIES**
 - **CLOSE NLON - MOVE TO NORVA & KBAY**
 - Payback - Over a 3 year period
 - Net Savings - \$1.576B over next 20 years
 - **RELOCATE NOTU TO SWFLANT**
 - Payback - Over a 7 year period
 - Net Savings - \$61.4M over next 20 years
 - **Reduce Overhead - BOS/CNRNE/CSG/IMF**
 - **Excess Land Capacity with No Encroachment Issues**
 - Can Easily Support Future Mission and Contingency Growth While Minimizing Cost

BASE VISIT REPORT

Naval Submarine Base Kings Bay

17 June 2005

LEAD ANALYST: Hal Tickle

LIST OF ATTENDEES:

Captain McKinnon - Commanding Officer, Naval Submarine Base Kings Bay
CDR Cole - Executive Officer, Naval Submarine Base Kings Bay
CDR Fahey - Public Works Officer, Submarine Base Kings Bay
CDR Tucker - Security Officer, Submarine Base Kings Bay
Ms. Dotson - Business Manager, Submarine Base Kings Bay
Mr. Buczek - Public Affairs Officer, Submarine Base Kings Bay
Mr. Carin - Planner, Submarine Base Kings Bay

Ms. Mungin - City of Kingsland - City Manager
Mr. Noble - Camden County Joint Development Authority - Executive Director
Mr. Yourstone - The Camden Partnership, Inc - Executive Director

The Honorable Cecily Hill - Georgia House of Representatives
Mr. Grismer - Legislative Assistant for Congressman Jack Kingston, 1st District

NAVAL SUBMARINE BASE KINGS BAY MISSION:

- Deliver support to the strategic warfighter
- 44 Tenant Commands including: one Flag Officer Command (Commander, Subgroup Ten), five Major Commands (Submarine Squadron Sixteen, Submarine Squadron Twenty, Trident Refit Facility, Strategic Weapons Facility Atlantic and Trident Training Facility), seven SSBNs (two will shift homeports to Bangor, Washington 10/2005) two SSGNs (undergoing shipyard conversion, one delivers next year and the second in 2007), 26 other Navy/Government and eight non-Government tenants with 4724 Active and Reserve Duty military, 2224 Civilians and 1605 Contractors.

SECRETARY OF DEFENSE RECOMMENDATION:

- Close Naval Submarine Base New London, CT. Relocate its assigned submarines, Auxiliary Repair Dock 4 (ARDM-4), and Nuclear Research Submarine 1 (NR-1) along with their dedicated personnel, equipment and support to Submarine Base Kings Bay, GA, and Naval Station Norfolk, VA. Relocate the intermediate submarine repair function to Shore Intermediate Repair Activity Norfolk, at Naval Shipyard Norfolk, VA, and Trident Refit Facility Kings Bay, GA. Relocate the Naval Submarine School and Center for Submarine Learning to Submarine Base Kings Bay, GA.

DRAFT Internal Working Document – Not for distribution under FOIA

- Realign Patrick Air Force Base, Cape Canaveral, FL, by relocating Nuclear Test and Evaluation at the Naval Ordnance Test Unit to Strategic Weapons Facility Atlantic, Kings Bay, GA.

SECRETARY OF DEFENSE JUSTIFICATION:

- The existing berthing capacity at surface/subsurface installations exceeds the capacity required to support the Force Structure Plan. The closure of Submarine Base New London materially contributes to the maximum reduction of excess capacity while increasing the average military value of the remaining bases in this functional area. Sufficient capacity and fleet dispersal is maintained with the East Coast submarine fleet homeports of Naval Station Norfolk and Submarine Base Kings Bay, without affecting operational capability. The intermediate submarine repair function is relocated to Shore Intermediate Maintenance Activity Norfolk at Norfolk Naval Shipyard, and the Trident Refit Facility Kings Bay, GA, in support of the relocating submarines.
- This recommendation realigns the stand-alone east coast facility working in fullscale Nuclear Test & Evaluation at Cape Canaveral into a fully supported Navy nuclear operational site at Kings Bay to gain synergy in security (Anti-Terrorism Force Protection-ATFP), Fleet operational support and mission support infrastructure. Since 1956, the Fleet Ballistic Missile (FBM) Program, in support of the TRIDENT (D-Series) Missile, has executed land-based (pad) as well as sea-based (SSBN) test launches supported by the Naval Ordnance Test Unit (NOTU) at Cape Canaveral, FL. This facility provided both the launch support infrastructure as well as docking for sea-based pre- and post-launch events. Recent changes in ATFP requirements, the recent establishment of the Western Test Range in the Pacific, and the programmatic decision to no longer require land based (pad) launches at Cape Canaveral all lead to the realignment/relocation of this function to Kings Bay. This action aligns nicely with the overall Weapons and Armaments strategy to move smaller activities at remote sites into larger facilities to realize a significant synergy in support functions and costs while maintaining mission capability.

MAIN FACILITIES REVIEWED:

- Trident Refit Facility
- Strategic Weapons Facility Atlantic
- Trident Training Facility
- Piers, dry dock, weapons loading docks, housing, base support facilities, recreational areas, potential building sites

KEY ISSUES IDENTIFIED

- Capacity to accommodate submarines, training school and maintenance and associated personnel and equipment from Submarine Base New London
- Capacity to accommodate Naval Ordnance Test Unit relocation

INSTALLATION CONCERNS RAISED

- Timely receipt of all MILCON funds associated with recommended actions

COMMUNITY CONCERNS RAISED:

- Under estimating Camden County's ability to accommodate increase in personnel associated with DoD recommendation

REQUESTS FOR STAFF AS A RESULT OF VISIT:

- There were no requests for additional visits

Department : Navy
 Scenario File : \\server1\public\CR_COBRA_Review\OPS\DON0033BCR\CR DON-0033B - COBRA 6.09 - 13APR05 (FINAL VERSION).CBR

Option Pkg Name: DON-0033B Close SUBASE NLON CT; Subs to Norfolk & Kings Bay
 Std Fctrs File : C:\WINNT\Profiles\cobra-ops\Desktop\COBRA 6.09\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2011
 Payback Year : 2014 (3 Years)

NPV in 2025(\$K): -1,576,360
 1-Time Cost(\$K): 679,641

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	33,143	95,515	15,883	64,908	203,619	0	413,069	0
Person	-2,097	-6,777	-19,354	-26,096	-32,744	-69,123	-156,191	-132,068
Overhd	-189	-483	-19,094	-19,855	-33,409	-56,001	-129,031	-62,712
Moving	144	3,821	9,888	639	5,906	24,459	44,858	0
Missio	0	-161	-155	8,081	8,081	-5,617	10,229	-5,617
Other	239	8,197	39,454	43,999	10,311	60,305	162,506	7,623
TOTAL	31,240	100,112	26,622	71,678	161,765	-45,976	345,440	-192,774

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	2	8	23	1	23	79	136
Enl	44	23	88	2	88	436	681
Civ	0	37	40	3	40	623	743
TOT	46	68	151	6	151	1,138	1,560

	2006	2007	2008	2009	2010	2011	Total
POSITIONS REALIGNED							
Off	2	7	146	5	125	198	483
Enl	1	51	1,065	21	1,247	1,841	4,226
Stu	0	0	71	0	49	1,447	1,567
Civ	1	76	38	12	28	54	209
TOT	4	134	1,320	38	1,449	3,540	6,485

Summary:

Scenario Title: Close SUBASE New London, CT; Relocate submarines to NS Norfolk, VA and SUBASE Kings Bay, GA

For the purpose of this Scenario Data Call, the following BRAC Actions are being considered for analysis:

- Action 1: Close SUBASE New London, CT.
- Action 2: Relocate SSNs from SUBASE New London, CT, to SUBASE Kings Bay, GA, to include required personnel, equipment, and support.
- Action 3: Relocate SSNs from SUBASE New London, CT, to Naval Station Norfolk, VA, to include required personnel, equipment, and support.
- Action 4: Relocate COMSUBGRU TWO from SUBASE New London, CT, to Naval Station Norfolk, VA.
- Action 5: Disestablish COMNAVREG NE, Groton, CT. Realign Installation Management function to COMNAVREG MIDLANT Norfolk, VA.
- Action 6: Relocate NAVSUBSCOL Groton, CT, to SUBASE Kings Bay, GA.
- Action 7: Consolidate NAVSUBSCOL Groton, CT, with SUBTRAFAC Norfolk, VA.
- Action 8: Relocate CENSUBLEARNING Groton, CT, to SUBASE Kings Bay, GA.
- Action 9: Consolidate NSGA Groton, CT, with NSGA Norfolk, VA.
- Action 10: Consolidate the SSN intermediate repair function of Naval Submarine Support Facility New London, CT, with TRF Kings Bay, GA.
- Action 11: Consolidate the SSN intermediate repair function of Naval Submarine Support Facility New London, CT, with SIMA Norfolk, VA.
- Action 12: Consolidate the SSN intermediate repair function of Naval Submarine Support Facility New London, CT, with NSY Norfolk, VA.
- Action 13: Relocate the NAVOPMEDINST Pensacola, FL, function Naval Undersea Medical Institute Groton, CT, to NAS Pensacola, FL, and Fort Sam Houston, TX.
- Action 14: Disestablish NAVHLTHCARE NEW ENGLAND NEWPORT, RI, function Naval Ambulatory Care Center Groton, CT. Relocate applicable support elements to Branch Medical Clinic Kings Bay GA and NMC Portsmouth VA.
- Action 15: Consolidate Naval Submarine Medical Research Laboratory, Groton, CT, with Naval Medical Research Center, Walter Reed Army Medical Center - Forest Glenn Annex, Silver Spring, MD.

NOTE: Various Staff Personnel and/or Equipment relocated to NMC PORTSMOUTH VA, NAVSTA NEWPORT RI, WPNSTA EARLE NJ, NSA CRANE IN, and WESTOVER ARB MA.

DCN: 11612

COBRA ECONOMIC IMPACT REPORT (COBRA v6.09)

Data As Of 4/13/2005 4:02:41 PM, Report Created 4/13/2005 5:15:47 PM

Department : Navy

Scenario File : \\server1\public\CR_COBRA_Review\OPS\DON0033BCR\CR DON-0033B - COBRA 6.09 - 13APR05 (FINAL VERSION).CBR

Option Pkg Name: DON-0033B Close SUBASE NLON CT; Subs to Norfolk & Kings Bay

Std Fctrs File : C:\WINNT\Profiles\cobra-ops\Desktop\COBRA 6.09\BRAC2005.SFF

SUBASE NEW LONDON, CT (N00129)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	49	89	1,322	29	1,483	2,554	5,526
NET CHANGE-Mil	-49	-89	-1,322	-29	-1,483	-2,554	-5,526
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	1	113	78	15	68	677	952
NET CHANGE-Civ	-1	-113	-78	-15	-68	-677	-952
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	71	0	49	1,447	1,567
NET CHANGE-Stu	0	0	-71	0	-49	-1,447	-1,567

SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	1,145	15	12	526	1,698
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	1,145	15	12	526	1,698
Jobs Gained-Civ	1	0	68	0	0	11	80
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	1	0	68	0	0	11	80
Jobs Gained-Stu	0	0	39	0	0	1,408	1,447
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	39	0	0	1,408	1,447

NAVSTA NORFOLK, VA (N62688)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	3	37	39	0	1,335	1,497	2,911
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	3	37	39	0	1,335	1,497	2,911
Jobs Gained-Civ	0	36	2	0	19	43	100
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	36	2	0	19	43	100
Jobs Gained-Stu	0	0	0	0	33	39	72
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	33	39	72

NSY NORFOLK, VA (N00181)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	64	42	106
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	64	42	106
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

DCN: 11612

COBRA INPUT DATA REPORT (COBRA v6.09) - Page 2
 Data As Of 4/13/2005 4:02:41 PM, Report Created 4/13/2005 5:15:45 PM

Department : Navy
 Scenario File : \\server1\public\CR_COBRA_Review\OPS\DON0033BCR\CR DON-0033B - COBRA 6.09 - 13APR05 (FINAL VERSION).CBR
 Option Pkg Name: DON-0033B Close SUBASE NLON CT; Subs to Norfolk & Kings Bay
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INPUT SCREEN TWO - DISTANCE TABLE

Point A:	Point B:	Distance:
SUBASE NEW LONDON, CT (N00129)	WALTER REED, DC (11933)	347 mi
SUBASE NEW LONDON, CT (N00129)	Westover ARB, MA (YTPM)	66 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from SUBASE NEW LONDON, CT (N00129) to SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	121	0	2	64
Enlisted Positions:	0	0	1,024	15	10	462
Civilian Positions:	1	0	31	0	0	11
Student Positions:	0	0	39	0	0	1,408
NonVeh Missn Eqpt(tons):	0	0	299	0	160	387
Suppt Eqpt (tons):	0	0	2	0	3	118
Military Light Vehicles:	0	0	0	3	0	11
Heavy/Special Vehicles:	0	0	1	0	0	0

Transfers from SUBASE NEW LONDON, CT (N00129) to NAVSTA NORFOLK, VA (N62688)

	2006	2007	2008	2009	2010	2011
Officer Positions:	2	1	15	0	114	132
Enlisted Positions:	1	36	24	0	1,221	1,365
Civilian Positions:	0	36	2	0	19	43
Student Positions:	0	0	0	0	33	39
NonVeh Missn Eqpt(tons):	0	77	0	0	330	344
Suppt Eqpt (tons):	0	21	0	0	0	37
Military Light Vehicles:	0	0	0	0	0	1
Heavy/Special Vehicles:	0	3	0	0	0	0

Transfers from SUBASE NEW LONDON, CT (N00129) to NMC PORTSMOUTH, VA (N00183)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	8	2
Enlisted Positions:	0	0	0	0	10	8
Civilian Positions:	0	0	0	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from SUBASE NEW LONDON, CT (N00129) to NAVSTA NEWPORT, RI (N32411)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	6	0	0	0	0
Enlisted Positions:	0	15	0	0	0	2
Civilian Positions:	0	40	0	0	7	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

DCN: 11612

Department : Navy
 Scenario File : \\server1\public\CR_COBRA_Review\OPS\DON0033BCR\CR DON-0033B - COBRA 6.09 - 13APR05 (FINAL VERSION).CBR
 Option Pkg Name: DON-0033B Close SUBASE NLON CT; Subs to Norfolk & Kings Bay
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INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from SUBASE NEW LONDON, CT (N00129) to WALTER REED, DC (11933)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	3	5	0	0
Enlisted Positions:	0	0	3	6	0	0
Civilian Positions:	0	0	4	12	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	10	57	33	0	0
Suppt Eqpt (tons):	0	0	16	8	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from SUBASE NEW LONDON, CT (N00129) to Westover ARB, MA (YTPM)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	2
Civilian Positions:	0	0	0	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SUBASE NEW LONDON, CT (N00129)

Total Officer Employees:	650	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	4,637	Total Sustainment(\$K/Year):	22,333
Total Student Employees:	1,567	Sustain Payroll (\$K/Year):	8,359
Total Civilian Employees:	967	BOS Non-Payroll (\$K/Year):	26,125
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	82,114
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,284,850
Starting Facilities(KSF):	7,648	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	1,624	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	1,125		
Civ Locality Pay Factor:	1.179	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.14		Admits Visits Prescrip
Per Diem Rate (\$/Day):	146	CostFactor	5,073.00 93.00 25.48
Freight Cost (\$/Ton/Mile):	0.37	Actv MTF	0 104,214 97,606
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	1,361 40,602
Latitude:	41.250000	Retiree	0 18,940 65,626
Longitude:	-72.240000	Retiree65+	0 6,088 72,323

Department : Navy
 Scenario File : \\server1\public\CR_COBRA_Review\OPS\DON0033BCR\CR DON-0033B - COBRA 6.09 - 13APR05 (FINAL VERSION).CBR
 Option Pkg Name: DON-0033B Close SUBASE NLON CT; Subs to Norfolk & Kings Bay
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INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

Total Officer Employees:	677	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	5,725	Total Sustainment(\$K/Year):	30,299
Total Student Employees:	300	Sustain Payroll (\$K/Year):	735
Total Civilian Employees:	3,069	BOS Non-Payroll (\$K/Year):	49,189
Accomp Mil not Receiving BAH:	96.8%	BOS Payroll (\$K/Year):	10,453
Officer Housing Units Avail:	1	Family Housing (\$K/Year):	3,996
Enlisted Housing Units Avail:	8	Installation PRV(\$K):	1,805,139
Starting Facilities(KSF):	5,627	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	874	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	688		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.99		Admits Visits Prescrip
Per Diem Rate (\$/Day):	86	CostFactor	6,521.00 108.00 23.66
Freight Cost (\$/Ton/Mile):	0.25	Actv MTF	0 55,690 74,917
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	1,102 69,712
Latitude:	30.480000	Retiree	0 9,433 44,138
Longitude:	-81.410000	Retiree65+	0 159 19,837

Name: NAVSTA NORFOLK, VA (N62688)

Total Officer Employees:	4,095	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	45,691	Total Sustainment(\$K/Year):	100,299
Total Student Employees:	279	Sustain Payroll (\$K/Year):	1,906
Total Civilian Employees:	6,024	BOS Non-Payroll (\$K/Year):	134,933
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	72,848
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	5,070,166
Starting Facilities(KSF):	20,726	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	1,130	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	923		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.94		Admits Visits Prescrip
Per Diem Rate (\$/Day):	152	CostFactor	4,501.00 69.00 25.27
Freight Cost (\$/Ton/Mile):	0.35	Actv MTF	13,800 529,579 362,165
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	414 39,063
Latitude:	36.951160	Retiree	2,901 149,877 215,145
Longitude:	-76.309210	Retiree65+	1,403 70,316 181,240

DCN: 11612

COBRA INPUT DATA REPORT (COBRA v6.09) - Page 11
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Department : Navy
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 Option Pkg Name: DON-0033B Close SUBASE NLON CT; Subs to Norfolk & Kings Bay
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INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	6,900	25,354	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	2,450	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	596	596	596	596
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	2,250	0	0	150
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0	FH ShDn:	0.000%

Name: NAVSTA NORFOLK, VA (N62688)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	108	80	0	39,000	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	128	0	0
Activ Mission Cost (\$K):	0	0	0	8,195	8,195	8,195
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	385	385	385	385	385
Misc Recurring Save(\$K):	0	0	0	0	46	93
One-Time IT Costs (\$K):	108	26	0	10	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0	FH ShDn:	0.000%

Department : Navy
 Scenario File : \\server1\public\CR_COBRA_Review\OPS\DON0033BCR\CR DON-0033B - COBRA 6.09 - 13APR05 (FINAL VERSION).CBR
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 Std Fctrs File : C:\WINNT\Profiles\cobra-ops\Desktop\COBRA 6.09\BRAC2005.SFF

MilCon for Base: SUBASE KINGSBAY, GA (N42237)

All values in 2005 Constant Dollars (\$K)

FAC	Title	UM	New MilCon	New Cost*	Using Rehab Rehab Type	Rehab Cost*	Total Cost*
1511	Pier	SY	5,556	n/a**	0 Default	n/a**	11,100
1712	Applied Instruction Building	SF	269,081	56,854	0 Default	0	56,854
1721	Flight Simulator Facility	SF	146,585	32,630	0 Default	0	32,630
1732	Training Aids Support Building	SF	3,466	539	0 Default	0	539
6100	General Administrative Building	SF	60,284	10,097	0 Default	0	10,097
7431	Auditorium and Theater Facility	SF	7,131	1,159	0 Default	0	1,159
4211	Ammunition Storage, Depot and Arsenal	SF	5,432	1,363	0 Default	0	1,363
4211	Ammunition Storage, Depot and Arsenal	SF	3,024	759	0 Default	0	759
4211	Ammunition Storage, Depot and Arsenal	SF	9,720	n/a**	0 Default	n/a**	3,788
7210	Enlisted Unaccompanied Personnel Housing	SF	286,000	51,728	0 Default	0	51,728
6100	General Administrative Building	SF	11,000	1,842	0 Default	0	1,842
8521	Vehicle Parking, Surfaced	SY	95,000	5,229	0 Default	0	5,229
8122	Exterior Lighting Lines	LF	7,500	99	0 Default	0	99
8511	Road, Surfaced	SY	5,000	134	0 Default	0	134
8261	Refrigeration and Air Conditioning Source	TR	10,000	n/a**	0 Default	n/a**	9,209
1498	Security Support Facility	SF	108	n/a**	0 Default	n/a**	950
1431	Ship Operations Building	SF	0	n/a**	9,197 Amber	n/a**	184
8261	Refrigeration and Air Conditioning Source	TR	10,000	n/a**	0 Default	n/a**	12,262
7522	Athletic Field	EA	6	1,362	0 Default	0	1,362
8131	Electrical Power Substation and Switching	KV	60,000	n/a**	0 Default	n/a**	3,575
8121	Electrical Power Distribution Line	LF	29,000	n/a**	0 Default	n/a**	4,785
8111	Electrical Power Source	KW	5,000	n/a**	0 Default	n/a**	8,800
8421	Water Distribution Line, Potable	LF	20,900	n/a**	0 Default	n/a**	2,411
8412	Water Treatment Facility	KG	100	n/a**	0 Default	n/a**	3,153
8321	Sewer and Industrial Waste Line	LF	30,000	n/a**	0 Default	n/a**	927
8311	Sewage Treatment	KG	50	n/a**	0 Default	n/a**	3,896
5501	Ambulatory Health Care Clinic	SF	0	n/a**	5,000 Amber	n/a**	1,000
5501	Ambulatory Health Care Clinic	SF	32,139	n/a**	0 Default	n/a**	8,608

Total Construction Cost: 238,443
 - Construction Cost Avoid: 0

Total Net Milcon Cost: 238,443

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

**No New Milcon / Rehabilitation Cost breakdown is available if Total Cost was entered by the user.

Department : Navy
 Scenario File : \\server1\public\CR_COBRA_Review\OPS\DON0033BCR\CR DON-0033B - COBRA 6.09 - 13APR05 (FINAL VERSION).CBR
 Option Pkg Name: DON-0033B Close SUBASE NLON CT; Subs to Norfolk & Kings Bay
 Std Fctrs File : C:\WINNT\Profiles\cobra-ops\Desktop\COBRA 6.09\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

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Scenario Title: Close SUBASE New London, CT; Relocate submarines to NS Norfolk, VA and SUBASE Kings Bay, GA

For the purpose of this Scenario Data Call, the following BRAC Actions are being considered for analysis:

Action 1: Close SUBASE New London, CT.
 Action 2: Relocate SSNs from SUBASE New London, CT, to SUBASE Kings Bay, GA, to include required personnel, equipment, and support.
 Action 3: Relocate SSNs from SUBASE New London, CT, to Naval Station Norfolk, VA, to include required personnel, equipment, and support.
 Action 4: Relocate COMSUBGRU TWO from SUBASE New London, CT, to Naval Station Norfolk, VA.
 Action 5: Disestablish COMNAVREG NE, Groton, CT. Realign Installation Management function to COMNAVREG MIDLANT Norfolk, VA.
 Action 6: Relocate NAVSUBSCOL Groton, CT, to SUBASE Kings Bay, GA.
 Action 7: Consolidate NAVSUBSCOL Groton, CT, with SUBTRAFAC Norfolk, VA.
 Action 8: Relocate CENSUBLEARNING Groton, CT, to SUBASE Kings Bay, GA.
 Action 9: Consolidate NSGA Groton, CT, with NSGA Norfolk, VA.
 Action 10: Consolidate the SSN intermediate repair function of Naval Submarine Support Facility New London, CT, with TRF Kings Bay, GA.
 Action 11: Consolidate the SSN intermediate repair function of Naval Submarine Support Facility New London, CT, with SIMA Norfolk, VA.
 Action 12: Consolidate the SSN intermediate repair function of Naval Submarine Support Facility New London, CT, with NSY Norfolk, VA.
 Action 13: Relocate the NAVOPMEDINST Pensacola, FL, function Naval Undersea Medical Institute Groton, CT, to NAS Pensacola, FL, and Fort Sam Houston, TX.
 Action 14: Disestablish NAVHLTHCARE NEW ENGLAND NEWPORT, RI, function Naval Ambulatory Care Center Groton, CT. Relocate applicable support elements to Branch Medical Clinic Kings Bay GA and NMC Portsmouth VA.
 Action 15: Consolidate Naval Submarine Medical Research Laboratory, Groton, CT, with Naval Medical Research Center, Walter Reed Army Medical Center - Forest Glenn Annex, Silver Spring, MD.

NOTE: Various Staff Personnel and/or Equipment relocated to NMC PORTSMOUTH VA, NAVSTA NEWPORT RI, WPNSTA EARLE NJ, NSA CRANE IN, and WESTOVER ARB MA.

FOOTNOTES FOR SCREEN THREE

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SUBASE NLON TO KINGSBAY: Six LA Class SSNs with equipment and crew/medical personnel to transfer in FY08. Fifteen Seaport personnel with equipment to follow in FY09. CENSUBLEARNING to move personnel in FY10 with NAVSUBSCHOL and remaining medical/BOS personnel following in FY11. Data based on Scenario DON-0033; Close SUBASE NLON, Subs to KBAY and NF, 6 December; and DON-0033M; Nlon Med Support; 23 March.

SUBASE NLON TO NS NORFOLK: Movement of personnel and equipment in FY06 and FY07 based on consolidation of COMNAVREG NE and NAVSECGRU. Movement of personnel in FY08 based on transfer of COMSUBGRU TWO. Five SSNs with crew and support transfer in FY10 and 6 more SSNs with crew and support in FY10. Data based on Scenario DON-0033; Close SUBASE NLON, Subs to KBAY and NF, 6 December.

SUBASE NLON TO NMC PORTSMOUTH: Movement of medical support personnel in FY10 and FY11 based on DON-0033M; Nlon Med Support; 23 March, adjusted from FY08 and FY09 to coincide with arrival of crew.

SUBASE NLON TO NS NEWPORT: Movement of personnel in FY07 based on consolidation of COMNAVREGNE. Seven DoD Civilians transfer in FY10 in support of NHCNE function currently performed from NLON. Two personnel transfet in FY11 in support of Military Working Dogs (MWD) assets. Data based on Scenario DON-0033; Close SUBASE NLON, Subs to KBAY and NF, 6 December; and DON-0033M.

Department : Navy
Scenario File : \\server1\public\CR_COBRA_Review\OPS\DON0033BCR\CR DON-0033B - COBRA 6.09 - 13APR05 (FINAL VERSION).CBR
Option Pkg Name: DON-0033B Close SUBASE NLON CT; Subs to Norfolk & Kings Bay
Std Fctrs File : C:\WINNT\Profiles\cobra-ops\Desktop\COBRA 6.09\BRAC2005.SFF

SUBASE NLON TO WPNSTA EARLE: Two personnel transfet in FY11 in support of Military Working Dogs (MWD) assets. Data based on Scenario DON-0033; Close SUBASE NLON, Subs to KBAY and NF, 6 December.

SUBASE NLON TO NSA CRANE: Base Security Weapons returned to NSA Crane in FY11. Data based on Scenario DON-0033; Close SUBASE NLON, Subs to KBAY and NF, 6 December.

SUBASE NLON TO FORT SAM HOUSTON: Personnel transer in FY 10 in support of Naval Undersea Medical Institute relocation. Data based on MJCSG MED 036 Enabler 05Apr05.

SUBASE NLON TO NAS PENSACOLA: Personnel and equipment tranfer in FY 08 in support of Naval Undersea Medical Institute relocation. Data based on MJCSG MED 036 Enabler 05Apr05.

SUBASE NLON TO WRAMC-FGA: Equipment and personnel transfer in FY07, FY08, and FY09 in support of NSMRL consolidation with NMRC. Data based on MJCSG MED 24-WR TriSvc Biomed CoEs (FINAL MJCSG APPROVED VARIANT).

SUBASE NLON TO WESTOVER ARB: Two personnel transfet in FY11 in support of Military Working Dogs (MWD) assets. Data based on Scenario DON-0033; Close SUBASE NLON, Subs to KBAY and NF, 6 December, as modified for moving WESTOVER ARB vice NAS BRUNSWICK which is also recommended for closure.

FOOTNOTES FOR SCREEN FOUR

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NAVSTA NEWPORT and SUBASE NLON Non-BRAC Military Student deltas reflect post COBRA 6.09 ERRATA.

FOOTNOTES FOR SCREEN FIVE

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ALL DYNAMIC COST/SAVINGS VALUES BASED ON:

Scenario DON-0033; Close SUBASE NLON, Subs to KBAY and NF, 6 December (OMITTING info for ACTION 13, 14, and 15)
DON-0033M; Nlon Med Support; 23 March
MJCSG MED 24-WR TriSvc Biomed CoEs (FINAL MJCSG APPROVED VARIANT)
MJCSG MED 036 Enabler 05Apr05

WITH THE FOLLOWING EXCEPTIONS:

COBRA model accounts for excessive B.O.S. at the de-activated NLON site. Per data reported in Scenario DON-0033; Close SUBASE NLON, Subs to KBAY and NF, 6 December, the actual B.O.S. anticipated for the enclaves USS NAUTILUS MUSEUM was estimated to be \$275000 (avg of FY02 and FY03 with FY01 being an outlying data point based on major overhaul). Therefore, an Activity Mision Savings of \$13.7M was added in FY11 to correct for this known discrepancy.

NSY Norfolk reported both a cost estimate and a corresponding personnel estimate required to support this scenario. The cost estimate was disgarded and the personnel was added to the model in SCREEN SIX to allow the COBRA model to estimate cost.

FOOTNOTES FOR SCREEN SIX

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Thirty seven DoD Civilians added to SUBASE KBAY in FY08 and 106 DoD Civilians added to NNSY from FY10 to FY11 to support this scenario as reported in Scenario DON-0033; Close SUBASE NLON, Subs to KBAY and NF, 6 December. These additions are based on the shift in work currently performed by EB contractors to gov't employees.

Five Officers, 34 Enlisted, and 15 Civilians left behind in SUBASE NLON to account for USS Nautilus

Att Reference *Mumbai Home* *New 1500 to Jaxx 212 R/P AGS*
OTCS *BRAC* *Three F150*
(Total 2)

KINGS BAY ANALYST VISIT

XO: ATTENDANCE LIST

POCs: CO Captain Mike McKinnon mike.mckinnon@navy.mil. 912.573.2020
CNRSE: Captain Schellhorn matthew.schellhorn@navy.mil. 904.542.2326/2561
Captain Larry Cotton, COS, lawrence.cotton@navy.mil.

Karen Datsun 912 573-4932 Datsun KLE subase kb.navy.mil

To confirm planned visit Friday, June 17 at 0900, I am interested in Kings Bay capability to accommodate the actions associated with the DoD BRAC recommendation to close Submarine Base New London. My fellow analyst, C.W. Furlow, has been rescheduled so I will be the audience. Because Kings Bay is a proposed net gaining activity, there is no scheduled Commissioner visit. Looking forward to seeing you on Friday.

On board	677	O -	677	+ 185	21698 mil
Officer	5725	Z -	5725	+ 1500	80 civ
Enlisted		Stud -	300	+ ~ 1500 - 2000	~ students
Civilian	3069	C -	3,069		
Family members					

Number of subs *5 SSBNs Line 2 Jan 2 SSBNs*
Maintenance capacity
Pier capacity

What do you anticipate receiving as result of recommended BRAC action?
Number of SSNs
Maintenance support
Sub school
Personnel O/E/Civilian (how to replace if they do not relocate? How many do you expect?)
Family members
2,000 students on board at any one time; 24,000 - 30,000 per year
What movements are anticipated outside BRAC

What's here now
Excess capacity that may be used in short term
MILCOM to mod/rehab/build delta

Admin/Barracks/Family Housing/Bachelor Housing/Utilities/Training/health/MWR/Child care/commute time/access to base

Community: Purchase/rental market, schools, child care, health care, spouse employment, entertainment

Naval Submarine School, Groton, has an approved MILCON for a \$17M submarine escape tower and 20 instructors. MILCON project should be transferred to Kings Bay, GA, and construction completed by FY10. TRITRAFAC, Kings Bay requires a Multi-SCTT to be installed by FY08 to support the six SSN submarines. The FIDE trainer scheduled to be built at NAVSUBSCOL, Groton in FY06 should be built in Kings Bay by FY08 to support the six SSN submarines. The SMMTT-3 trainer scheduled to be installed at Naval Submarine School in FY09 should be built at SUBTRAFAC, Norfolk, VA to support eleven more SSN submarines. Naval Submarine School requires five MILCON projects in Kings Bay to relocate all pipeline, new accession, fleet, and predeployment training. MILCON #1 104,774 s.f., #2 118,372 s.f., #3 74,171 s.f., #4 70,500 s.f., #5 118,730 s.f. for a total of 484,000 s.f. Naval Submarine School will also require 30,000 s.f. in Norfolk to support additional trainers and fleet and

team training courses. Additionally, Naval Submarine School requires 800 BEQ rooms to berth an average on board population of 1500 students in Kings Bay. Naval Submarine School also requires four to six military vehicles in Kings Bay. TRITRAFAC, Kings Bay should ensure MWR support facilities are adequate to support an increased student and staff population of over 2000 personnel.

Kings Bay response to DON 0033: 1. FISC JAX/Kings Bay Satellite Personal Property Ofc would require 6 addtl FTEs. 2. Increase PSA staff by 26. 3. NSB Kings Bay's explosive site approval is based solely on the operational relationship that exists between the Trident II Weapons System, the Trident II Weapons Support Facilities (SWFLANT, EHW, TRF, etc.) and the Trident II Weapons Platform, the SSBN. This site approval specifically allows Trident II related operations to be conducted at a distance closer to the Explosive Handling Wharf (EHW) than would normally be allowed by Explosive Safety Quantity Distances (ESQD) restrictions. This means that Trident II related activities at TRF or Site Six, for example, may continue during Trident II missile operations at the EHW, even though such operations are, technically, within an ESQD that would normally disallow such activity. No other naval vessels are addressed in the Kings Bay site approval. Therefore, no other operations would be allowed within the Trident II ESQD arcs during Trident II missile operations. The result of this is that SSN operations would not be allowed at Site Six or RFW's during Trident II missile operations at the EHW. In order to allow SSN operations at the Kings Bay waterfront during Trident II missiles operations, a new site approval must be obtained from the DoD Explosive Safety Board or through the SECNAV Certification Process. Additionally, SWFLANT's TRIDENT II missile ordnance operations require setting strict security perimeters. This perimeter extends from SWFLANT's missile stowage area down the missile movement route to an area that extends approximately 500 yards from the Explosive Handling Wharves. On average, there are two ordnance operations per week. These operations are extremely time consuming and intrusive, and would considerably impact personnel movements and work at site Six. 4. FISC Det needs 10 contracting pers.

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)
 Total Officer Employees: 677 Base Service (for BOS/Sust): Navy
 Total Enlisted Employees: 5,725 Total Sustainment(\$K/Year): 30,299
 Total Student Employees: 300 Sustain Payroll (\$K/Year): 735
 Total Civilian Employees: 3,069 BOS Non-Payroll (\$K/Year): 49,189
 Accomp Mil not Receiving BAH: 96.8% BOS Payroll (\$K/Year): 10,453
 Officer Housing Units Avail: 1 Family Housing (\$K/Year): 3,996
 Enlisted Housing Units Avail: 8 Installation PRV(\$K): 1,805,139
 Starting Facilities(KSF): 5,627 Svc/Agcy Recap Rate (Years): 114
 Officer BAH (\$/Month): 874 Homeowner Assistance Program: No
 Enlisted BAH (\$/Month): 688
 Civ Locality Pay Factor: 1.109 TRICARE In-Pat Out-Pat
 Area Cost Factor: 0.99 Admits Visits Prescrip
 Per Diem Rate (\$/Day): 86 CostFactor 6,521.00 108.00 23.66
 Freight Cost (\$/Ton/Mile): 0.25 Actv MTF 0 55,690 74,917
 Vehicle Cost (\$/Lift/Mile): 4.84 Actv Purch 1,102 69,712
 Latitude: 30.480000 Retiree 0 9,433 44,138
 Longitude: -81.410000 Retiree65+ 0 159 19,837

Naval Ordnance Test Unit (Patrick AFB, Cape Canaveral, FL)

Base briefing 17 June 2005:

NOTU (and USNS Waters) provide T&E for SSBN missile firings. Moving the unit to Kings Bay saves dollars in Navy leased spaces (expensive place operate from for the unity and for SSBNs during support ops). Facilitates communication and coordination and saves money on infrastructure and operating costs. Now that there is very little non-SSBN missile support, there is little reason to leave at Canaveral.

Plenty of space/support at Kings Bay for the unit.

Table 4 2005 BRAC Job Gains And Losses (Proposed)

Base closures	(62,970)
Base realignments	(58,683)
Job losses (from movements out of leased space)	(26,018)
Base gains	134,842

Source: U.S. Department of Defense

Table 5 BRAC Timetable

Date	Action Required
Sept. 8, 2005	BRAC commission recommendations due to the President.
Sept. 23, 2005	President either accepts BRAC commission recommendations and forwards to Congress or returns to BRAC Commission.
Oct. 20, 2005	BRAC revised recommendations due to President if President returns for further study.
Nov. 11, 2005	President's approval or disapproval of revised BRAC commission recommendations. If accepted forwarded to Congress.

Forty-five days after receipt of approved BRAC Commission recommendations from the President, Congress must disapprove or the recommendations become law.

Source: U.S. Department of Defense

Table 6 MSAs (With Largest Net Employment Loss)

Economic Area Installation	Economic Area Employment	Changes As % Of Employment
Clovis, N.M.	23,348	(20.5)
Martin County, Ind.	8,525	(11.6)
Norwich-New London, Conn.	168,620	(9.4)
Fairbanks, Alaska	54,469	(8.6)
Rapid City, S.D.	79,970	(8.5)
Grand Forks, N.D.-Minn.	66,242	(7.4)
Texarkana, Texas - Texarkana, Ark.	67,895	(6.5)
Mountain Home, Idaho	14,441	(6.2)
King George County, Va.	14,171	(5.5)
Wichita Falls, Texas	93,033	(4.7)
Elizabethtown, Ky.	65,926	(4.5)
Portland-South Portland-Biddeford Me.	331,655	(4.0)

Source: U.S. Department of Defense

Table 7 MSAs With Largest Net Employment Gain

Economic Area Installation	Economic Area Employment	Changes As % Of Employment
St. Marys, Ga.	23,025	21.9
Lawton, Okla.	63,978	9.0
Columbus, Ga.	163,565	8.5
Enterprise-Ozark, Ala.	48,094	7.4
Manhattan, Kan.	72,434	6.5
El Paso, Texas	328,741	6.1

Source: U.S. Department of Defense

Number of family housing units

- Capacity to support 20 Trident Crews and Base tenants providing operational support
 - 665 units
 - 171* units Vacant
 - 14 Trident Crews are currently homeported in Kings Bay, 4 crews scheduled to shift homeports to Bangor, Washington 01 Oct 2005.
 - Condition – Excellent

* As of June 9, 2005

Number of bachelor housing units

- Capacity to support 20 Trident Crews, Trident Training Facility and other base tenants providing operational support
 - 1,490 Beds – 1,010 Rooms (one person rooms), 152 Rooms (two person rooms (USMC))
 - 575 Beds Vacant
 - 14 Trident Crews are currently homeported in Kings Bay, 4 crews scheduled to shift homeports to Bangor, Washington 01 Oct 2005.
 - Condition – Excellent

Developmental plan for base housing

- NSB Kings Bay plans to convert to Public Private Venture (PPV) in 2007. A managing partnership has not been selected and no decision on future housing needs have been made.
- The PPV program will maximize the Navy's investment, provide affordable and suitable housing to the military member; and produce long-term cost effectiveness.
- In addition, a PPV partnership will:
 - Revitalize existing units
 - Replace uneconomical units
 - Reduce deficit through new construction

Current Infrastructure (Water, Power, Roads)

- 16, 994 acres/25 square miles supported by 12.7 miles of railroad and 140 miles of paved roadway
- Approximately 2, 500 acres of unencumbered property (e.g., clear of wetlands or outside of explosive arcs) remain for additional construction/growth
- Military Owned and Operated Utilities
 - 230 KV Electrical Distribution System
 - 70 MW Capacity, 36 MW Demand, 34 MW EXCESS
 - 36 MW Diesel Gen (Backup and Peak Power Demand)
- 2.9M GPD Water Supply and Treatment System
 - Current Demand 1 M GPD; 1.9 M GPD EXCESS
- 1.5M GPD Waste Water Capacity (Upper Base)
 - Current Demand 0.75 M GPD; 0.75 M GPD EXCESS
- 0.75M GPD Waste Water Capacity (Lower Base)

- Current Demand 0.15 GPD; 0.6 M GPD EXCESS
- Plant Replacement Value (PRV) \$2.2B – FY05
- Child Development Center
 - Capacity – 245 children including pre-school
 - Current usage – 140 children
- Fitness Center Complex
 - Medium Base per Navy Fitness Standards (3,001- 7,000 personnel)
- Youth Center (Boys & Girls Club)
 - Capacity – 150 elementary age/teens
 - Current usage – 85 elementary age/teens
- NEX/Commissary – Recent Additions
 - Commissary - total retail space of 53,000 sq feet
 - NEX - total retail space of 29,700 sq feet
 - Designed for military population of 7,600
- Local Schools
 - Excess Capacity Exists - Can Absorb 1,500 Students
 - Previous OEA Grants for Schools
 - Approximately \$32,930,147.00

Base master plan - specifically reflecting future growth

- See Current Infrastructure above
- Attached list of military construction provided for COBRA analysis purposes and subject to revision in the course of implementation
- Attached diagrams provided for information purposes and subject to revision in the course of implementation

Number of people who live in base housing

- 461 military members
- 1,089 family members
- 1,550 total residents

* As of June 9, 2005

Number of people who work on base residing in GA and FL broken down by ZIP Code (see attached spreadsheet – ZIP Code data only available for military personnel)

- **8163* total employees**
 - 4334 Military Personnel
 - 3826 reside in Georgia
 - 508 reside in Florida (11.7%)
 - 1,890 Appropriated-Funded Employees
 - 392 reside in Florida (20.7%)
 - 334 Non-Appropriated Employees (MWR, NEX)
 - 13 reside in Florida (4%)
 - 1,605 Contractors
 - 92 reside in Florida (5.7%)

DCN: 11612

- Total personnel residing in FL is 12.3% of all employees (military and civilian combined)

* As of June 10, 2005

Breakdown of Bachelor Housing Calculations

		Avg SF/Room	Total SF
Personnel to Be Transferred			
Students	1,519		
Enlisted	1,043		
Must House			
Students	1,519		
Staff	112		
20% of Enlisted E1-E3 rounded	200		
Total	1,831		
Excess Capacity	495		
Total to be housed	1,336		
One man rooms	151	370	55,870
Two man rooms	612	370	226,440
Total SF for rooms only			282,310
Kitchen space (6 bldgs at 3 floors/bldg * 200SF)			3,600
Total BQ space SF			285,910
Rounded SF			286,000

Camden County Schools

Governance

Camden County Schools are governed by an elected Board of Education. The Board is a sovereign body as prescribed by the Georgia Constitution with authority to raise revenue through taxation and issue debt. Five elected members make up the Board in Camden County. Three of the five board members have continued to serve since the initial expansion of KBNSB. Growth related to a Federal presence in the community resulted in a 240% increase in enrollment from 2,840 students in 1978 to 9,666 in 2002. As expected, the unprecedented growth presented many challenges for the Board and school system leadership. One indicator those challenges were successfully met is revealed by the fact three of the five Board members serving prior to the expansion still hold their elected seats. Further, in the most recent election all three members up for re-election ran unopposed. The Board of Education and school leadership in Camden County embraced the initial expansion of Kings Bay and possess the experience, insight, acumen and community support to do so again. Questions concerning the school system's ability to adapt, change and flourish during a time of expansion can be quickly answered by examining past accomplishments, the extraordinary support of the community and testimony of Navy personnel.

Capacity for Growth

Combined capacity in Camden County Schools is conditionally based on maximum class size limits prescribed by the Georgia Legislature. Camden County's current elementary capacity totals 5,125 students; middle grades capacity is 2,500 while capacity for students in grades 9-12 is 2,975. Facilities to generate this capacity were planned and paid for to accommodate a strong military presence. Enrollment data reveals a student population of approximately 9,502 Pre-Kindergarten through 12th grade students suggesting current excess capacity of 1,098. Additionally, there are 28 classrooms in portable structures owned by Camden County Schools available for placement on school sites as needed. Collectively, these portable classrooms will accommodate between 588 and 784 additional students depending on their grade level. School facilities in Camden County were planned to accommodate military families and supporting industries for 10 Trident submarines. The departure of four Trident submarines and their 2,400 military billets will contribute significantly to excess capacity. In 1999 53% of the students in Camden County were federally connected; in 2004 this was true for only 44%. Acquisition of new missions for Kings Bay to fill the void left by departing subs will allow full use of the abundance of quality educational resources available for students and families.

Future Expansion

Planning for military expansion will include dialog with the branch of service selected to operate within or near the school system's boundaries, municipal leaders and private developers. The school system is fortunate to have effective collegial relationships with military and private developers enabling the assessment of expansion and growth. In all but a few instances, land donations have been the primary source of property for school buildings. As residential communities are planned to accommodate growth, the abundant land resources in the county are made available to the school system as incentives for investment in the communities. Camden County's Board and school leadership realize how fortunate they are in this fact and empathize with school systems faced with ever shrinking land resources. The absence of land acquisition issues allows the school system to become pro-active in working with community planners to identify areas for future growth. Although current enrollment does not demand it, school leaders identified three potential school sites throughout the county and initiated communication with interested land donors through engineers and community planners. Additional missions, if reflective of past expansion and current populations, will not present an unprecedented or significant burden to the school system. An increase of up to 1,000 students can be assimilated into the system and still ensure maximum class size requirements are met. Growth between 1,000 and 1,500 students will require the use of existing conventional buildings and the incorporation of portable classrooms the school system currently owns. Growth beyond 1,500 students will require expansion of existing facilities or construction of new buildings to meet demand. Currently there are 636 instructional spaces in Camden County Schools; the addition of the projected 1,450 students due to the 3,151 military and civilian jobs associated with the BRAC initiative would increase average class size by 2.3 students.

Student Achievement

The Board and school leaders accepted challenges in the past associated with rapid growth. They capitalized on the many opportunities expansion offered to enrich the lives of both military and civilian families through a robust, comprehensive educational system. Student performance on standardized assessments, opportunities for advanced learning, instructional staff credentials and overwhelming support by the community attest to the school system's commitment to educational excellence. Each spring every student enrolled in first through the eighth grades in Georgia public schools takes the Criterion Referenced Competency Test (CRCT). The CRCT is based on the state's Quality Core Curriculum (QCC) and designed to assess the knowledge and skills of Georgia's students. Results of these tests are used to diagnose individual strengths and weaknesses and measure the quality of education in schools and systems. A review of 2004 CRCT results revealed a third straight year of distinction for Camden County. At every grade level and subject tested student scores in Camden County exceeded the state average. Camden students scored four points above the state average in social studies, five points higher in science, six points higher in reading and language arts, and eight points higher in mathematics. Preliminary results for the 2005 school year suggest the



performance of Camden's students is even more exciting. High School students take advantage of course offerings including 4-year sequential programs in mathematics, English and foreign language to prepare for career, post-secondary, vocational and academic pursuits. Honors, gifted and advanced placement classes are offered in all core areas.

Professional Staff

Twenty-six high school faculty members attained endorsement to provide gifted and advanced placement instruction by the end of the 2004 school term. Sixty percent of Camden County's 2003 graduates met academic requirements to attain Hope scholarships, thereby guaranteeing free tuition and books at the college of their choice in the University System of Georgia. Instructional staff are employed in numbers sufficient to outpace state requirements for maximum class size at every grade level. The student to instructor ratio of 15.3:1 contributes significantly to the success of Camden County students. Fifty-eight percent of the 621 instructional staff hold advanced degrees in their chosen field with average experience of 13 years. The 52 instructional leaders in Camden County Schools all hold advanced degrees and have an average of 23 years experience.

Community Support



Extraordinary community support for Camden's students is a mainstay of continued success in the classroom, on the athletic field and in post secondary endeavors. Graduating seniors from Camden County were awarded \$1.3 million in scholarships in the spring of 2005. Capital projects and debt borne by the citizens of Camden County to support education during the initial military expansion totaled \$30,651,298. The entire debt has been retired and the property tax assessment to citizens in Camden County for education is less now than in 1995. Students and families in Camden County enjoy the many benefits of having every educational dollar spent to support quality instruction rather than debt.

Camden Co. School Buildings Data Record

	Camden High 0295	Camden Middle 0182	St Marys Middle	Crooked River Elementary 0187	David L. Rainer Elementary 0195	Kingsland Elementary 0193	Mamie Lou Gross Elementary 0100	Mary Lee Clark Elementary 0495	Matilda Harris Elementary 0189	Sugar Mill Elementary 0197	St Marys Elementary 3050	Woodbine Elemntary 0192
Street Address, POBox,City, State, Zip	1585 Laurel Island Pkwy. Kingsland, GA 31548	1300 Middle School Rd. Kingsland, GA 31548	2600 Osborne Rd. St. Marys, GA 31558	1820 Spur 40 St. Marys, GA 31558	850 May Creek Dr Kingsland, GA 31548	900 West King St Kingsland, GA 31548	277 Roberts Path Woodbine, GA 31569	318 Mickler Drive St. Marys, GA 31558	1100 Lakes Blvd. Kingsland, GA 31548	2332 County Rd. 78 St. Marys, GA 31558	510 Osborne St. St. Marys, GA 31558	495 Broadwood Rd., Woodbine, GA 31569
Site acres	60	30	45	20	26	26	50	30	25	26	9	26
Bldg Sq Footage	304,988	64,379	84,800	64,810	80,588	73,874	73,417	84,183	79,447	76,420	76,420	69,728
Setting	urban	urban	urban	urban	urban	urban	urban	urban	urban	urban	urban	rural
Grades	9th-12th	6th-8th	6th-8th	Pre-K-5	Pre-K-5	Pre-K-5	Pre-K-5	Pre-K-5	Pre-K-5	Pre-K-5	Pre-K-5	Pre-K-5
Student Capacity	2975	1200	1300	625	550	550	600	550	575	625	525	525
Student enrollment	2659	1350	921	486	544	510	426	643	683	455	477	348
Excess / Deficit Capacity	316	(150)	379	139	6	40	174	(93)	(108)	170	48	177
Construct Date	1995	2001	2006	1986	1995	1992	1999	1986	1988	1996	1950	1991
Energy Sources	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
HVAC	Central-(room- thru-wall)	Room-Thru-Wall	Central-(room- thru-wall)	Roof	Room-Thru-Wall	Room-Thru-Wall	Room-Thru-Wall	Room-Thru-Wall	Room-Thru-Wall	Room-Thru-Wall	Room-Thru-Wall	Room-Thru-Wall
Exterior Surface	Brick	Brick	Brick	Brick	Brick	Brick	Brick	Brick	Brick	Brick	Brick	Brick
Foundation	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB	STRUCTURAL SLAB

Excess Capacity

Pre-K - 5	553
6-8	229
9-12	316

Camden County Schools
Capacity for Expansion in Selected Elementary Schools

School	Existing Instructional Units (IU's)	Existing Media Sq. Ft.	Existing Kitchen Sq. Ft.	Existing Dining Sq. Ft.	Maximum Additional IU's
Woodbine Elem.	36	3,620	3,436	2,989	3
St. Marys Elem.	36	3,427	1,900	3,707	9
Mamie Lou Gross	40	4,809	3,279	3,487	5
David L. Rainer	38	6,199	4,039	4,117	13
Sugarmill	40	4,945	3,528	3,163	0
Kingsland Elem.	38	4,641	3,364	3,150	2

* Thirty two additional instructional units (classrooms) can be added to these elementary schools without exceeding Department of Education Guidelines.

**Camden County Schools
Capital Projects Budget Status Report**

St Marys Middle School		
Original Phase I Grading Contract	\$	541,681.57
Original Construction Contract	\$	17,325,000.00
Estimated Architectural Contract	\$	982,667.48
Total Project Budget	\$	18,849,349.05
Change Order One - Owner Direct purchases	\$	(2,493,176.13)
Change Order Two - Owner Direct purchases	\$	(541,311.06)
Change Order Three - See comment	\$	(134,747.00)
Change Order Four - Owner Direct purchases	\$	(106,177.99)
Owner Direct purchases	\$	2,977,780.91
Revised Project Budget of ...	\$	18,551,717.78
Phase I Grading Pay Request (Project complete)	\$	-
Architect's Pay Request #12	\$	-
Architectural Fees	\$	-
General Contractor's Pay Request #12	\$	-
Direct purchases	\$	-
Miscellaneous Direct purchases	\$	-
Previously paid	\$	7,933,731.07
Remaining Balance	\$	10,617,986.71
St Marys Middle School Expenditures To Date	\$	7,933,731.07

9th Grade Center Addition		
Original Phase I Grading Contract	\$	243,330.83
Original Construction Contract	\$	5,044,000.00
Estimated Architectural Contract	\$	290,803.19
Total Project Budget	\$	5,578,134.02
Change Order One [Description] ...	\$	(37,051.46)
Change Order Two [Description] ...	\$	-
Revised Project Budget of ...	\$	5,541,082.56
Phase I Grading Pay Request #3	\$	-
Architect's Pay Request #7	\$	-
Architectural Fees	\$	-
General Contractor's Pay Request #7	\$	-
Direct Purchases	\$	-
Miscellaneous Direct purchases	\$	-
Previously paid	\$	1,386,549.04
Remaining Balance	\$	4,154,533.52
9th Grade Center Expenditures To Date	\$	1,386,549.04

Camden County Schools
CURRENT 2004 DIGEST AND 7-YEAR HISTORY OF LEVY

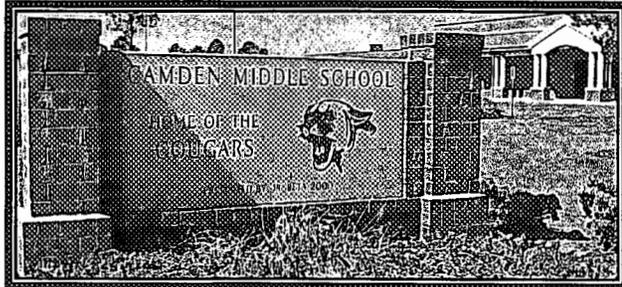
County School	1997	1998	1999	2000	2001	2002	2003	2004
Real & Personal	554,900,430	581,892,922	613,164,743	648,470,009	709,454,766	734,160,928	825,130,919	931,258,037
Motor Vehicles	26,949,609	47,398,412	49,355,283	64,189,343	70,871,808	72,929,052	75,276,540	76,130,240
Mobile Homes	5,155,482	5,649,425	14,453,818	6,090,865	16,025,538	13,273,548	11,620,693	11,513,171
Timber 100%	19,122,873	19,741,084	15,270,012	19,485,236	16,196,681	10,049,925	9,065,491	9,704,925
Heavy Duty Equipment	-0-	-0-	-0-	-0-	-0-	0	0	15697
Gross Digest	606,128,394	654,681,843	692,243,856	738,235,453	812,548,793	830,413,453	921,093,643	1,028,622,070
Less M &O Exemptions	38,451,405	40,908,591	44,033,879	50,486,684	56,033,382	56,409,479	61,448,937	67,247,864
Net M &O Digest	567,676,989	613,773,252	648,209,977	687,748,769	756,515,411	774,003,974	859,644,706	961,374,206
Gross M &O Millage	16.00	15.00	15.00	14.95	14.95	14.95	14.578	14.578
Less Rollbacks	-0-	-0-	-0-	-0-	-0-	0	-0-	0
Net M &O Millage	16.00	15.00	15.00	14.95	14.95	14.95	14.578	14.578
Net Taxes Levied	9,082,832	9,206,599	9,723,150	10,281,844	11,309,905	11,571,359	12,531,901	14,014,913
Net Taxes \$ Increase	313,333	123,767	516,551	558,694	1,028,061	261,454	960,541	1,483,012
Net % increase	3.45	1.34	5.31	5.43	9.09	2.26	7.66	10.58

BY: CAMDEN COUNTY BOARD OF EDUCATION
DR. ANN PROCTOR, SUPERINTENDENT
P.O. BOX 1330
KINGSLAND, GEORGIA 31548

DCN: 11612



Camden County Community...



Quality Schools

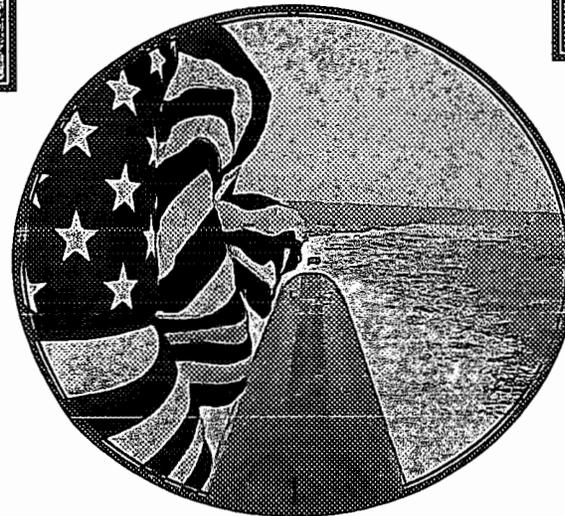
Military-Community Partnerships



Available, Affordable Housing



High Quality of Life



BRAC

Research Analysis Team



Community Support

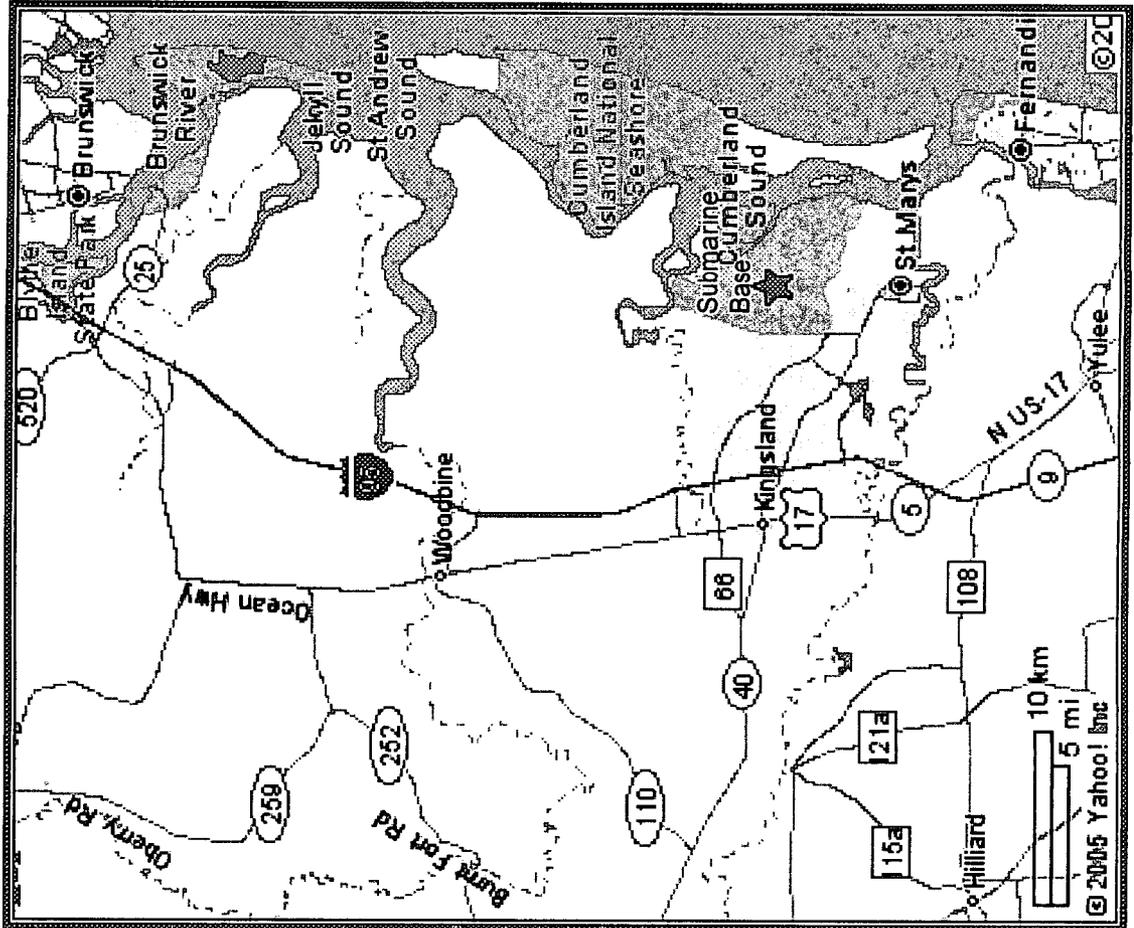
June 8, 2005

...Ready for Growth

Walter Yourstone
The Camden Partnership, Inc.
912-882-2636
wyourstone@tds.net

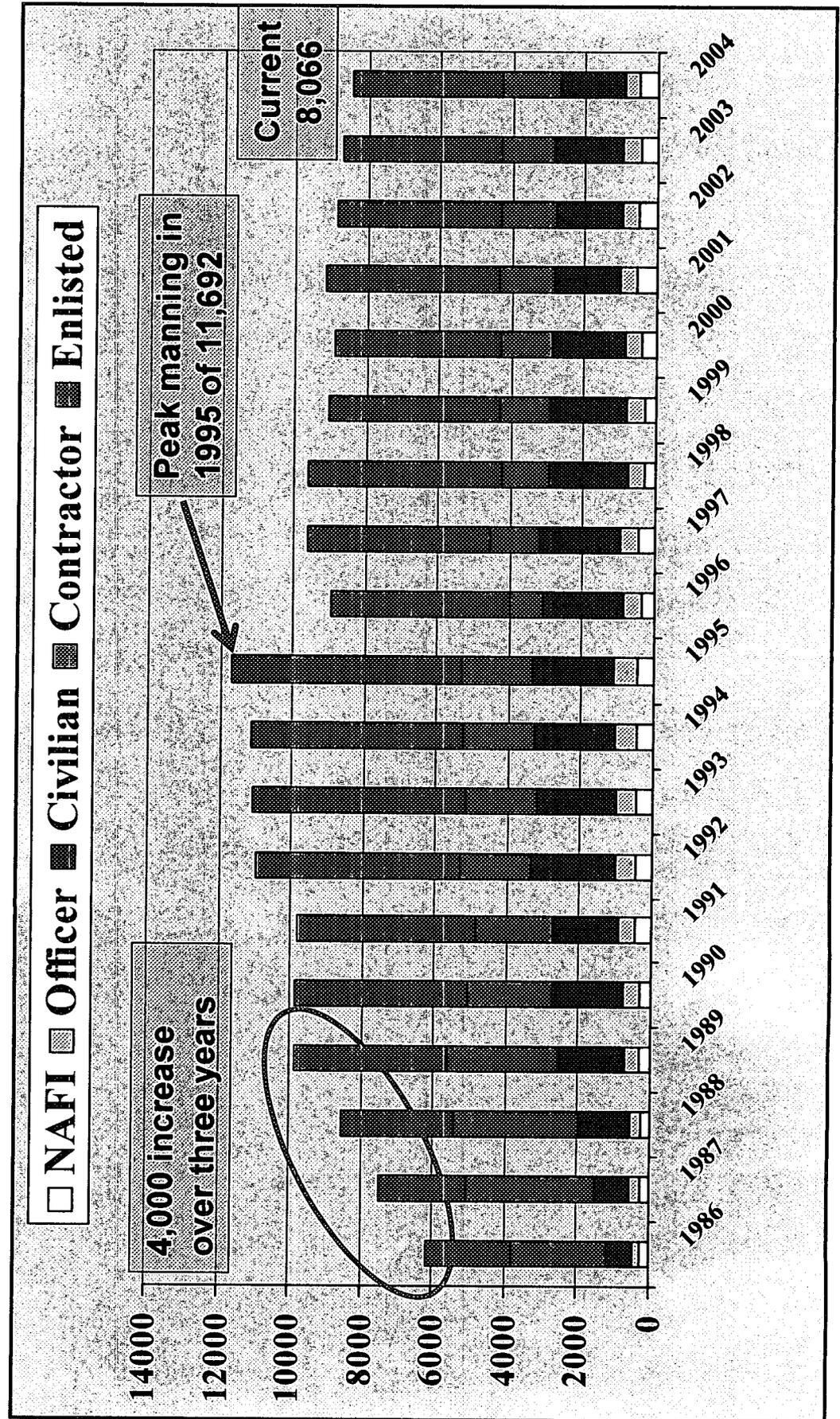
Camden County, Georgia

- Naval Submarine Base, Kings Bay
- 630 Square Miles
- Florida on its Southern border
- Brunswick, GA to the North
- 2000 U.S. Census
 - Total: 43,664
 - St. Marys: 13,761
 - Kingsland: 10,506
 - Woodbine: 1,218

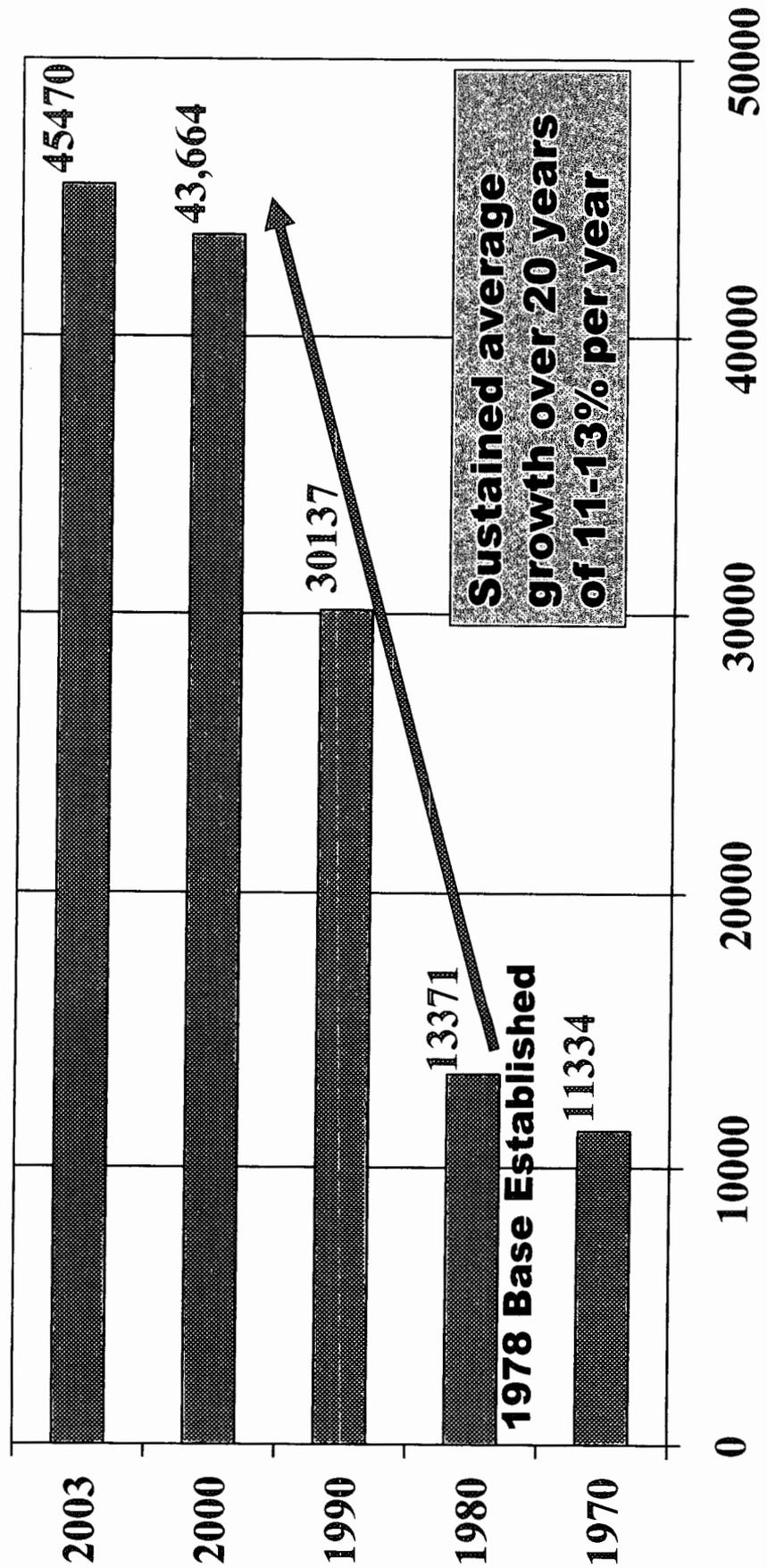


Experienced in Quality Growth

Kings Bay Installation Manpower



Camden County Population Growth



Education

- Nine elementary, two middle (grades 6-8), one ninth grade center, one high school.
- 1978 to 2002: student population from 2,840 to 9,667
- Quality Education Experience
 - Exceed state average test scores in all grades, all subjects
- Room to Grow
 - Up to 1000 in existing buildings
 - 1000-1500 in school system owned portables

Housing

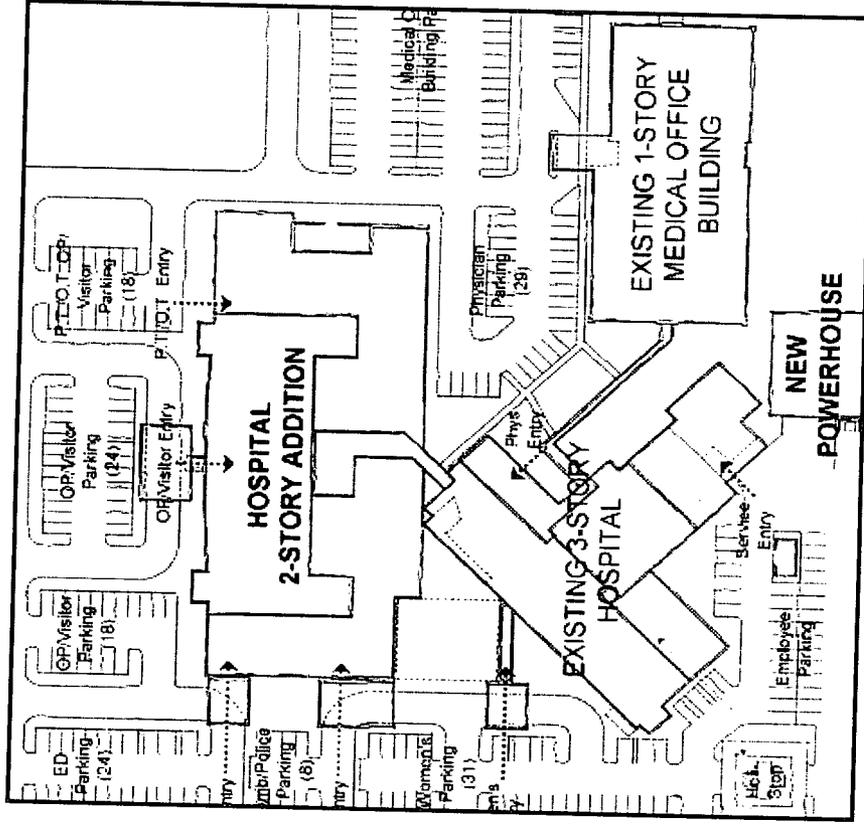
- New housing construction averaging 3.75% annual growth, exceeding population growth of 1.7%
- Current occupancy rate of 86.7%: housing is available
- 2002 median home price in Camden County \$92,984 (\$127,820 Ga average)
- Countywide: 12,000 – 15,000 units in planning process
- Survey of three local builders 2005/2006 housing starts
 - 164 homes in \$90K to \$120K price range
 - 361 homes in \$121K to \$185K price range
 - Market driven: rates could double or triple
- 2000 census data: rental cost average \$552 per month

Health Services

- Southeast Georgia Health System – Camden Campus
 - 40 bed facility with inpatient and outpatient services
 - 24 hour emergency services
 - Medical staff recruiting program
 - Analyzes population growth, demographic changes and physician specialty demands
 - Past 18 months: 10 new physicians
 - Partnerships with Naval Ambulatory Care Clinic
 - Scope of services, emergency care, laboratory services
- Close to Jacksonville and Brunswick facilities including: University Research hospital, Mayo clinic, Naval hospital, and Children’s hospital
- Annual Strategic Plan: goals, objectives and resource commitments

Hospital Expansion

- Double the size
- Greatly expand services
- Consolidate facilities
- New mechanical plant
- Schedule
 - Start: August 2005
 - Complete: March 2006

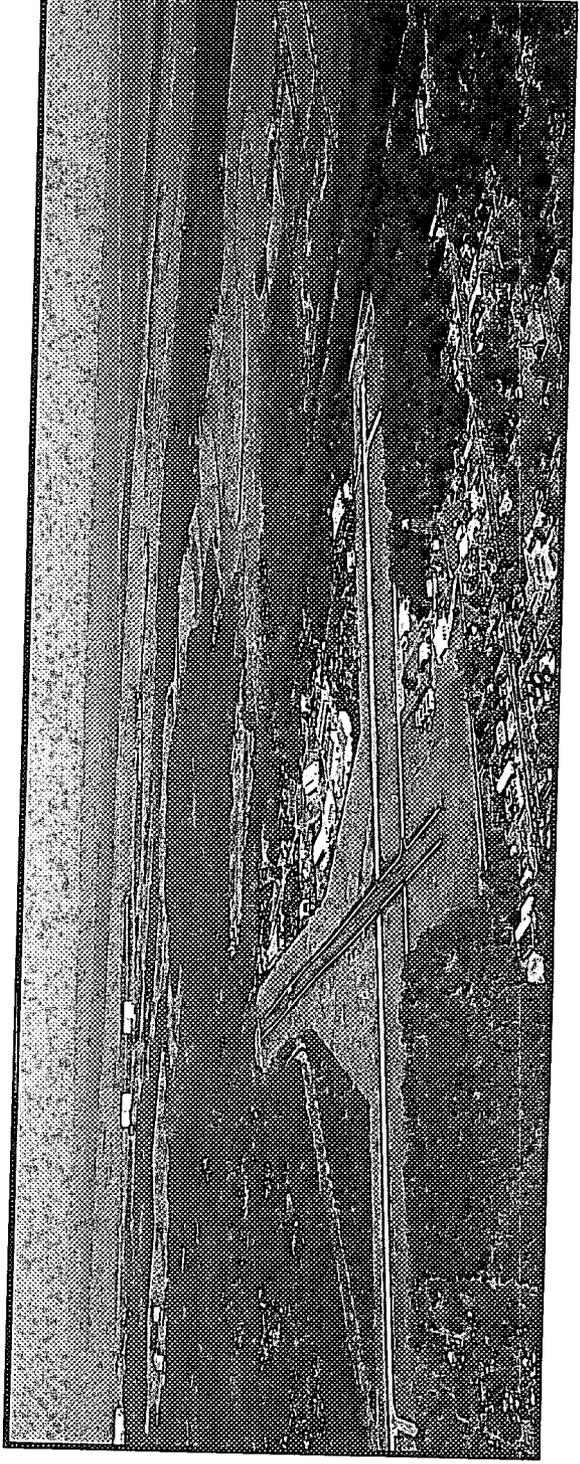


Transportation

- Roadways
 - Existing infrastructure capable of handling growth
 - Five major roadways serve Base
 - 3 are four-lane, of which 2 are limited access
 - Two-lane Colerain Road to be widened to four-lane
 - Countywide Comprehensive Transportation Plan
 - Identifies local projects to anticipate future needs
 - Local and State support for anticipated Navy requests for additional Base access
 - New I-95 interchange at Horse Stamp Church Road

Transportation

- Airport
 - Navy safety and security concerns
 - Airport relocation study
 - Preparing master plan
 - \$10-15 million effort spearheaded by the community



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Cecily Hill – Georgia House of Representative
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Bob Noble – Camden County Joint Development Authority – Executive Director
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noble@co.camden.ga.us

Bill W. Grismer, Jr. – Congressional Fellow Military Legislative Assistant
Phone: 702-225-5831
grismer@mail.house.gov



Naval Submarine Base



Captain Mike McKinnon, USN
Commanding Officer

1063 USS Tennessee Avenue
Kings Bay GA 31547

Phone: (912) 573-4700
Fax: (912) 573-3560
Email: mike.mckinnon@navy.mil

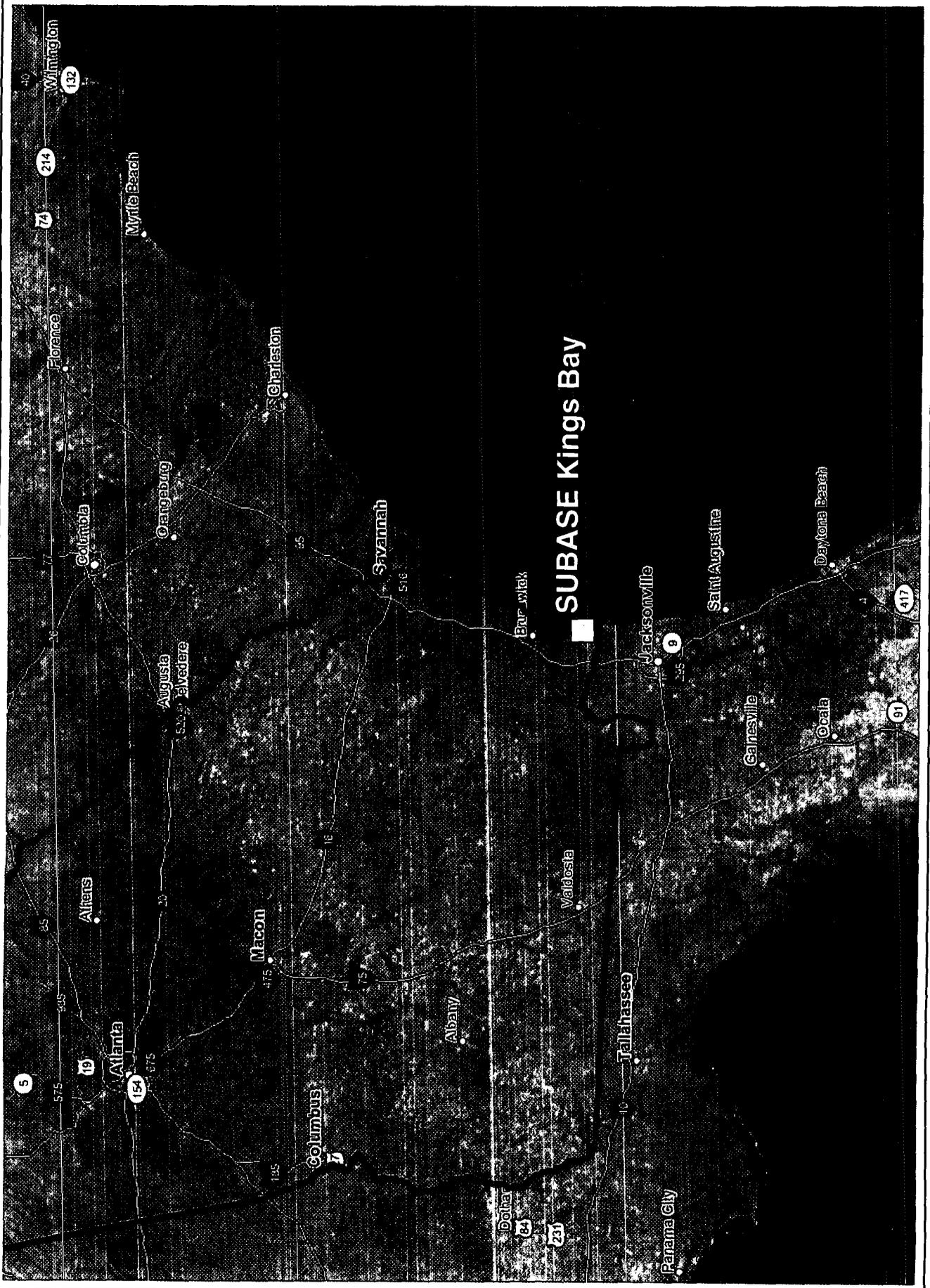
Karen L. Dotson
Business Manager



Naval Submarine Base
Code CMB
1063 USS Tennessee Avenue
Kings Bay GA 31547

Com: (912) 573-4932
DSN: 573-4932
Fax: (912) 673-4980
Email: DotsonKL@subasekb.navy.mil

Recommended Georgia Bay Realignments and Closures



SUBASE Kings Bay

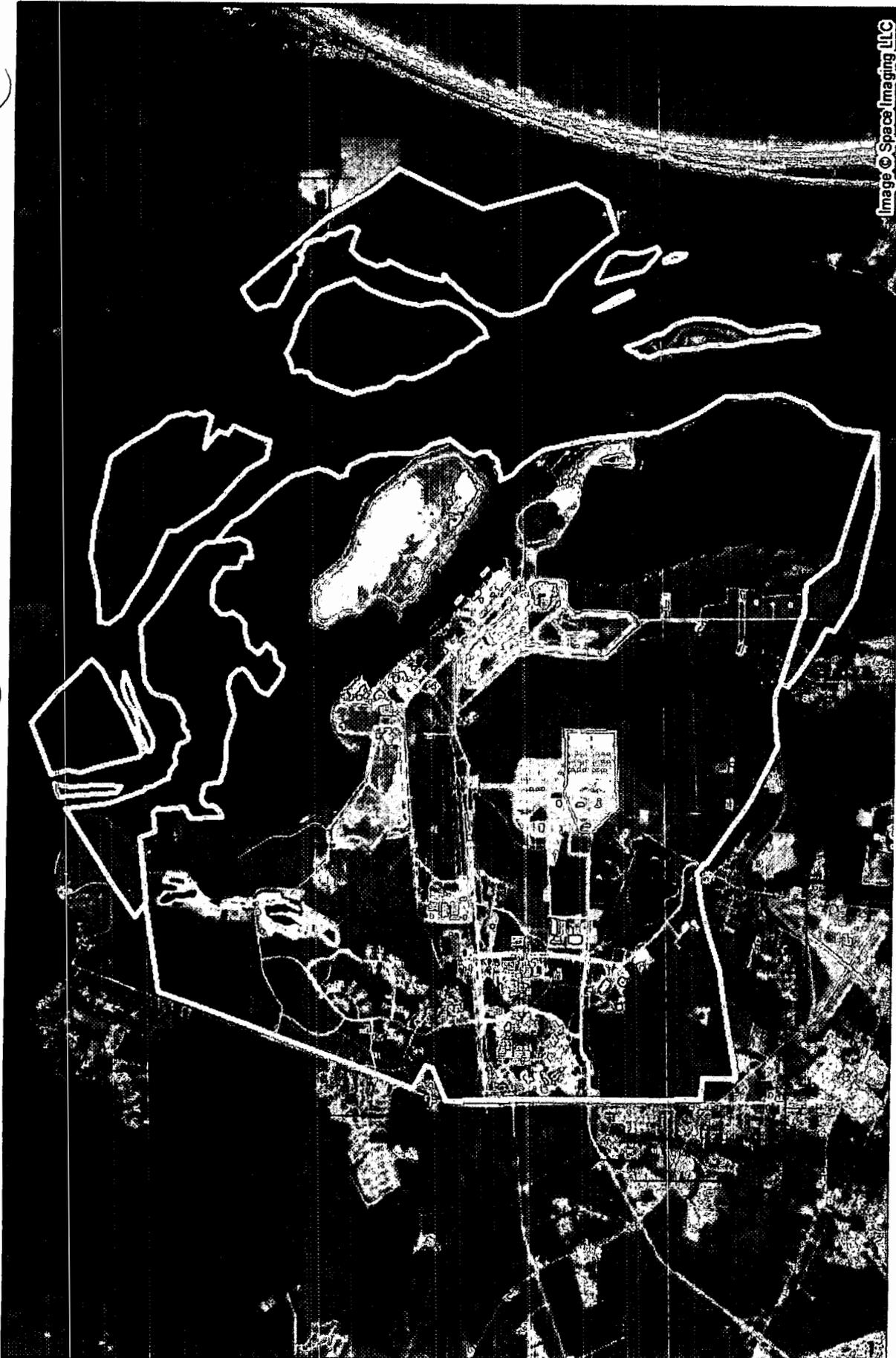
SUBASE Kings Bay Statistics
 Total Acres: 16,609 Total Personnel: 5,733
 Acres Owned: 12,957 Mil: 4,161
 Civ: 1,572
 Other: 0



Image © Space Imaging, LLC

Submarine Base Kings Bay, GA

Installation Boundary



BASE VISIT REPORT

Naval Ordnance Test Unit
Cape Canaveral, FL
June 9, 2005

- Tech -

LEAD COMMISSIONER:

James H. Bilbray

ACCOMPANYING COMMISSIONER:

None.

COMMISSION STAFF:

Lester C. Farrington

LIST OF ATTENDEES:

- RADM Annette Brown—Commander, Navy Region Southeast, Jacksonville, FL
- CAPT Jeff Gernand—Commanding Officer, Naval Ordnance Test Unit (NOTU)
- CDR Davis—Executive Officer, NOTU
- Dr. Sidney Beck—Chief Engineer, NOTU
- Lillian Bertsch—Public Affairs Officer, NOTU
- Jim Howard—Director, Plans & Programs Div., Strategic Systems Programs, Wash., DC
- Joe Graf—Strategic Systems Programs (SP2016)
- D.W.Nelms—Defense Coordinator for the Executive Office of Gov. Jeb Bush
- J.B.Kump—District Director for Rep. Dave Weldon
- Douglas Mercer—Director, Infrastructure Assessment, Navy Region SE, Jacksonville

BASE'S PRESENT MISSION:

name with test unit

NOTU's mission is to support missile tests, deployed systems, surface ships and submarine operations at Cape Canaveral as well as TRIDENT II flight tests at other major ranges and test facilities.

mission #1 are key

Reflect anything? min. sub fmg. sub. duty? HIR for a year fmg. Gordon - 2012

Work load

6:00 - 6:00?

Gary Phillips 757 552-8128

Tech 0026

SECRETARY OF DEFENSE RECOMMENDATION:

Realign Patrick Air Force Base, Cape Canaveral, FL, by relocating Nuclear Test and Evaluation at the Naval Ordnance Test Unit to Strategic Weapons Facility Atlantic, Kings Bay, GA.

SECRETARY OF DEFENSE JUSTIFICATION:

This recommendation realigns the stand-alone east coast facility working in full-scale nuclear test and evaluation at Cape Canaveral into a fully supported Navy nuclear operational site at Kings Bay to gain synergy in security (Anti-Terrorism Force Protection-ATFP), fleet operational support and mission support infrastructure. Recent changes in ATFP requirements, the recent establishment of the Western Test Range in the Pacific, and the programmatic decision to no longer require land based (pad) launches at Cape Canaveral all lead to the realignment/relocation of this function to Kings Bay.

MAIN FACILITIES REVIEWED:

Major facilities toured at the Naval Ordnance Test Unit—Systems Evaluation and Test Area (Complex 30); Test Operations (TOF); Guidance and Test Bldg; Hangars for equipment storage, cable repair and equipment checkout; Mechanical and Support Equipment Bldg (AQ), Impact Locating System for Re-entry Vehicles (AP); pier and berthing facilities.

KEY ISSUES IDENTIFIED

- The impact on military value by having to recreate a test and evaluation capability at Kings Bay that already exists at NOTU.
- Increased cost of submarine transit time from Kings Bay to NOTU that has not been captured by Navy.
- Decision made in 2/05 to allow 180 contractors currently off base to relocate on base. Issue is what the additional cost impact will have on relocation cost, whether or not factored in COBRA. With this change, total personnel affected by the relocation would be 757.
- Ability of Kings Bay to attract and hire qualified people, particularly engineers.

INSTALLATION CONCERNS RAISED

Four core functions (unique capabilities) are performed at NOTU only and not at Kings Bay

1. TRIDENT II missile flight testing.
2. D-5 missile capability development and modifications through the integrated test capability.
3. Navigation subsystem capability development and modifications.
4. Missile support equipment acceptance, design, logistics and troubleshooting.

Kings Bay focus is on tactical fleet support and the NOTU flight test mission will be significant added responsibility.

DASO testing execution will be a challenge in phasing the relocation to Kings Bay. D-5 missile testing needs in FY2005-2011 are significant. At Kings Bay all capabilities at NOTU will have to be replicated at Kings Bay since they do not have a test and evaluation mission.

Officials acknowledged that some submarine transit cost would be required when operations are established at Kings Bay; however, the increased transit time and cost has not been captured. Teams would have to be sent to NOTU for missile firings and test operations. The life of the D-5 missile has been extended to 2042. At Kings Bay missiles are assembled but not tested. NOTU uses the WATERS dedicated test ship for test operations; if NOTU is relocated the WATERS would move also.

A challenge exists in "the lack of brain power" in the Kings Bay area. NOTU has not done a survey of people who would and would not move. Such a survey won't be done until after a final decision is made on the DOD recommendation.

Concern raised that COBRA should capture demolition cost and contractor relocation cost.

COMMUNITY CONCERNS RAISED:

- If relocated to Kings Bay, NOTU military operations will be degraded and significantly more costly due to the vast increase in transit time from pier to test sites on the Eastern Range Complex, and a loss of synergy with test/range safety personnel resident at Patrick/Cape Canaveral.
- The demonstration and shakedown operation (DASO) is crucial to conveying requirements, complexities, and nuances to key decision makers, appropriators and U.S. allies. Doubling transit time to test firing sites will make the DASO mission extremely difficult, if not totally non-feasible. Also because of increased transit time, recovery to pier side for missile adjustment, and injured personnel offload/system emergencies will be hazardous.

DRAFT---NOT FOR RELEASE

- ATFP considerations are crucial to operations worldwide. Moving the testing mission to Kings Bay will be subjected to significantly greater threat potential than in its current location. Transit to dive point at Kings Bay requires a 2 and one half hour transit down a river where terrorist or saboteurs have a greater threat potential than in its current location. Current operations require a 15 minute transit to open water; landscape is open, providing little cover for terrorist operations.
- Required additional construction could drive COBRA ROI beyond the normally accepted 7 year payback standard. Building new infrastructure at Kings Bay has the potential to create adverse environmental impacts. Lack of sufficient housing, infrastructure, and community support facilities in Kings Bay create an untenable situation for military, civilian and contractor personnel. Cost of moving 320 civilian contractors was not included in COBRA.

Preliminary analysis by the community indicates that NOTU should remain at Cape Canaveral Air Station where synergies and operational effectiveness currently exist to support critical test mission accomplishment.

REQUESTS FOR STAFF AS A RESULT OF VISIT:

1. Side-by-side comparison of functions accomplished at NOTU & Kings Bay.
2. Documentation on the 2/05 decision to move 180 contractors "inside the fence."
3. Three (3) charts on challenges in relocating from NOTU to Kings Bay.

LAB NAME	SERIAL NO	KB COST	CODE	LAB
VIDEO COMM TRAINER	5205	100000	10	5205
LEARNING RESOURCE CENTER (LRC)	9312A	97450	10	9312
ITT #1	3306	184000	10	3306
ITT #2	3307	23350	10	3307
ITT #3	3309	23350	10	3309
ITT #4	9300	6000	10	9300
FIDE	4353	5000000	20	4353
SOLDERING LABORATORY	4301	233000	20	4301
DIESEL ENGINEERING	4127	2547000	20	4127
02 GENERATOR MAINTENANCE	4125	1212000	20	4125
12K DISTILLING	4124	2176000	20	4124
02 GENERATOR OPERATOR	4123	3777000	20	4123
HMEO MAINTENANCE LAB	4122	191000	20	4122
LIFE SUPPORT	4121	1060000	20	4121
SIVPT CLASSROOM	3303B	100000	20	3303
DIESEL SHOP	4116	410000	20	4116
AIR CONDITIONING	4115	2347000	20	4115
REFRIGERATION	4113	898000	20	4113
HYDRAULIC	4111	3539000	20	4111
HYDRAULIC COMPONENTS	4109	821000	20	4109
ELECTRICAL SHOP	4106	1138000	20	4106
ELECTRICAL COMPONENTS	4104	416000	20	4104
DISTILLING PLANT 3K	4100	1395000	20	4100
GEN/REG & BATTERY CLSSROOM	3308	253000	20	3308
SHIPBOARD GAGE	4313	100000	20	3212
LOW PRESSURE COMP AIR	4135	498000	20	4135
HIGH COMPONENT AIR	4137	807000	20	4137
AIR SYSTEM COMPONENTS	4139	397000	20	4139
DAMAGE CONTROL LAB	4200/4201	1898875	20	4201
MACHINE TOOL	4311	434000	20	4311
MECH MATE MNTN SKILLS	4313	565000	20	4313
FIREFIGHTER TRAINING LAB	1095	980916	20	1095
PRIMARY PLANT INSTRUMENTATION	4328	1964732	20	4328
NUCLEAR INSTRUMENTATION	4326	1549197	20	4326
ROD CONTROL	4324	2830109	20	4324
CONTROL	4322	1029793	20	4322
CHEMISTRY/ROD CONTROL	4331/35	652240	20	4335
NAVSEA #1	3303A	90000	20	3303
NAVSEA #4	4109	90000	20	4109
NAVSEA #7	3205	90000	20	3205
NAVSEA #8	3215	90000	20	3215
NAVSEA #9	4313	90000	20	4313
NAVSEA #11	4116	90000	20	4116
INSTRUCTOR PREP STATION	4300	22141	20	4300
ETMS SOLDERING LAB	4332	20000	20	4332
COAET	9210	627000	40	9210
ADV. NETWORK ANALY. (ANA)	8344	50000	40	8344
ARCI ELECTRONIC CLASSROOM	9211B	202000	40	9211

DWOT DEBRIEF ROOM	9211A	7500	40	9211
NAVSEA #13	3223	90000	40	3223
IMAT	9209	175000	40	9209
SPAN 2000	9217	1700000	40	9217
SPECIAL COMMUNICATIONS LAB	8217	337000	40	8217
COMPUTER MAINTENANCE LAB	8218	5930500	40	8218
SHIP SILENCING LAB	8203A	1361000	40	8203
TSOT TRAINER	9206A	17715000	40	9206
INTEGRATED RADIO ROOM/IP	8215	48943647	40	8215
SONAR MAINTENANCE LAB	8208	29007000	40	8208
MISSILE SILENCING LAB	8203B	4545000	40	8203
DATA PROCESSING EQPT LAB	8206	10004000	40	8206
DATA PROCESS SUBSYS	8204	10004000	40	8204
DWML TRAINING SYS	8202	7955304	40	8202
SHIP CONTROL MAIN. LAB	8200	21616000	40	8200
DEFENSIVE WEAPONS ORD TRNR	9207	29254245	40	9207
SONAR OCEAN ACOUSTIC TRNR	9206C	13300000	40	9206
DEFENSIVE WEAPONS ORDIN	4117	995533	40	4117
ELECTRONIC MAIN. LAB #1	8201	9428946	40	8201
TEST MEASUREMENTS	8205	723000	40	8205
INTEGRATED RADIO ROOM #2/CSRR	8209	25000000	40	8209
REV 6.0 SONAR MAINT. LAB	8214	16140772	40	8214
MK II DEFENS. WEAPONS LAB	8216	8000000	40	8216
SNAP III	3317	20000	40	3317
SONAR AUXILLIARY EQUIPT	8207	500083	40	8207
SHIP CONTROL TEAM TRAINER	9201	8911000	40	9201
TOWED BUOY ANTENNA LAB/500KW	4108	6495000	40	4108
SICWT/CBOT	8219	100000	40	8219
TAC III	8221	184228	40	8221
DEV. 21H37 (ISA/SER 2)	8342	466637	40	8342
FOOD SERVICE MGMT	3311	25000	40	3311
SLVR #1	5201A	40000	40	5201
SLVR #2	5201B	40000	40	5201
DEV. 21H38 (PETT/SER 5)	5305	174000	40	5305
ECKMS	8213	29270	40	8213
NAVSEA #2	3229	90000	40	3229
NAVSEA #6	5300B	90000	40	5300
NAVSEA #10	4119	90000	40	4119
NAVSEA #12	5300A	97500	40	5300
INSTRUCTOR PREP STATION	8300	27442	40	8300
SCSTT LABORATORY	9202	47783000	46	9202
MINI SPAN SER 5	9221	1500000	50	9221
ELECTRONIC MAINT. LAB #2	8224	1454872	50	8224
DEV. 21H38 (PETT/SER 9)	6200	145000	50	6200
DEV. 21H38 (PETT/SER 10)	8331	145000	50	8331
NAVSEA #3	4120	90000	50	4120
NAVSEA #5	3312	90000	50	3312
INSTRUCTOR PREP STATION	6300	13696	50	6300
VESUB SER 003	9219	651205	50	9219

DCN: 11612

ICML LABORATORY	4120	2206931	54	4120
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TOTAL 376808464

ACQ
30-Dec-96
30-Sep-00
31-Aug-04
08-Mar-90
01-Aug-91
01-May-90
02-Jan-91
01-May-90
02-Jan-90
01-Jun-90
01-Dec-91
02-Jan-91
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01-May-90
01-Jun-90
01-Feb-91
02-Jan-91
01-Apr-91
01-Oct-91
01-Sep-90
01-Feb-91
01-Jun-95
30-Jun-89
30-Sep-00
08-Mar-01
27-Mar-01
27-Mar-01
30-Dec-02
20-Feb-03
17-May-04

DCN: 11612

11-Apr-04
08-Nov-04
30-Dec-02
30-Dec-04
08-Mar-90
01-Apr-91
01-Apr-91
01-Feb-92
01-Sep-92
01-May-90
01-Jun-94
01-Mar-94
01-Jun-94
01-Nov-90
01-Apr-95
01-Feb-92
01-May-90
01-Feb-95
01-Feb-94
01-Jan-01
30-Sep-00
08-Mar-01
27-Mar-01
08-Mar-90
31-Jan-03
01-Nov-90
30-Sep-00
30-Sep-00
30-Sep-00
30-Sep-00
27-Mar-01
17-Nov-02

DCN: 11612

08-Mar-90

Tickle, Harold, CIV, WSO-BRAC

From: Mckinnon, Mike Capt SUBASE CM [mike.mckinnon@navy.mil]
Sent: Friday, July 22, 2005 1:08 PM
To: Fahey, Robert CDR SUBASE; Davis, Larry H CAPT (TRITRAFAC KB) CO
Cc: Dotson, Karen L CIV SUBASE KINGS BAY GA; Lotring, Arnold O CAPT SUBMARINE LEARNING CTR; Cole, Steve D CDR SUBASE; Howard, Benton CDR XO TRITRAFAC
Subject: BRAC Analyst Question

Bob,

Need your assistance...would like to turn this back to Mr. Hal Tickle, lead analyst for the NLON to NORVA/KBAY scenario, by Tuesday.

Question was how much does it take to sustain/operate the installation?

In answering, I want to break out our costs in laymen terms....utilities, sustainment/modernization, grounds maintenance, janitorial, pest control, etc., etc. I'm not interested in transportation, or other "operational" costs. What they are trying to understand is how much does it cost to operate/maintain on a yearly basis all our facilities. To do this so we are comparing apples to apples, for the \$2.2B PRV we have here, how much total square footage is that. We can then get a cost per square footage for our facilities, a total cost for grounds maintenance/pest control, etc.

Last question I had was "IF TTF burned to the ground, how much would it cost to rebuild it?" I think there are two parts to this question which requires input from TTF. The first part is the building itself...the PRV of TTF. The second and more complex part is, how much would it cost to replace the numerous trainers/labs/equipment that is inside the building?

Bob, I need you to get me the PRV of TTF and Larry, I need you to get me the cost of all the equipment you have in the building? I think there was a question like this asked of the NLON folks when the BRAC Commission made their formal visit to NLON. Bottom line is that the number to build the new school house is the cost of the structure itself. Nothing in our BRACON discusses the "cost" of the equipment. I think they want to understand when they look at TTF, what the real value of dollars is there...it's not just the building!

Again, I'd like to have this by Tuesday if at all possible.

Thanks,
Skipper M

Tickle, Harold, CIV, WSO-BRAC

From: Lotring, Arnold O CAPT SUBMARINE LEARNING CTR [arnold.lotring@navy.mil]
Sent: Tuesday, July 26, 2005 10:40 AM
To: Peters, Denver L LTJG Submarine Learning Center
Subject: Fw: FWD BRAC TASKER
Attachments: BRAC Analyst Question

Sent from my BlackBerry Wireless Handheld

-----Original Message-----

From: Himes, John <John.Himes@ssp.navy.mil>
To: Lotring, Arnold O CAPT SUBMARINE LEARNING CTR <arnold.lotring@navy.mil>
CC: Young, Charles RADM <Charles.Young@ssp.navy.mil>; Howard, Jim <Jim.Howard@ssp.navy.mil>; Benedict, Terry CAPT <Terry.Benedict@ssp.navy.mil>; Ketchum, Jim <Jim.Ketchum@ssp.navy.mil>; Bansal, Sudhir <Sudhir.Bansal@ssp.navy.mil>

Sent: Tue Jul 26 10:18:32 2005
Subject: FW: FWD BRAC TASKER

<<BRAC Analyst Question>>

Captain Lotring,

1. In response to your request (driven by the attached "BRAC Analyst Question") for the investment required for the strategic laboratories at TTF, Kings Bay the following information is provided:

a. In 1988 and 1989, SP15 installed the following Strategic Weapons System laboratories at Kings Bay TTF:

WEAPONS LABS

- * Missile Control Center (MCC)
- * Fire Control System (FCS) Lab
- * Segmented Missile Lab (SML)
- * Missile Compartment/Optical Alignment Group (MC/OAG) Lab
- * Training Launcher (TL) Lab
- * Missile Test and Readiness Equipment (MTRE) Unit Lab
- * Peripheral Equipment (PE) Unit Lab
- * Launcher Control Group (LCG) Lab
- * Training Stimulation System (TSS) Lab

NAVIGATION LABS

- * Inertial Lab
- * Navigation Operational Trainer (NOT) Lab
- * Navigation Aids (NAVAIDS) Lab
- * Computer/ESGN Lab
- * Computer Based Trainer (CBT) Lab

b. The following are the associated costs for each of the contractors involved and the tactical equipment required for the

7/28/2005

above labs:

Weapons Contractors

General Electric 72.3 M

Effort: systems design, hardware manufacture, software D/C/T, documentation and curricula development, integration and installation/test of the Training Stimulation System (land-based environment) and associated laboratories (Missile Control Center, Missile Compartment, Segmented Missile, MTRE, Training Launcher, Fire Control Unit, Launcher Control Group, Peripheral Equipment and Training Stimulation System).

Lockheed Missiles 15.1 M

Effort: design, hardware manufacturing, documentation development, test procedure and curricula development, and installation/test of the Segmented Missile Mock-ups

Westinghouse 17.25 M

Effort: design, hardware manufacturing, documentation development, test procedure and curricula development, and installation/test of the Training Launcher, Four Tube Cluster, and associated tube bench trainers

Tactical Equipment 64 M

Procured tactical equipment required for Weapons training laboratories (Missile Control Center, Missile Compartment, Segmented Missile, MTRE, Training Launcher, Fire Control Unit, Launcher Unit and Peripheral Equipment).

Navigation Contractor

Sperry Corporation 40.6 M

Effort: systems design, hardware manufacture, software D/C/T, documentation and curricula development, integration and installation/test of the Training Stimulation System (land-based environment) and associated laboratories (Inertial, Computer, ESGN, NAVAIDS, Computer Based Trainer and NAV Operational Trainer)

Tactical Equipment 105 M

Procured tactical equipment required for Navigation training laboratories (Inertial, Computer, ESGN, NAVAIDS and NAV Operational Trainer)

Support Contractor

Military Training Associates 10 M

Provided systems engineering services for trainer development and design, test program development and management, on-site field service, and documentation development

TOTAL COST 324.25 M

c. Construction cost for TTF 85 M (figure is for the entire TTF, not just the strategic segments)

2. These numbers have been coordinated with the front office (SP10) and our budget/accounting branch (SP13).
 3. If any questions, please e-mail or call me at (202) 764-1492 or call Sudi Bansal at x1497.
- R/John Himes

-----Original Message-----

From: McKinnon, Mike CAPT (SUBASE)
Sent: Tuesday, July 26, 2005 8:11 AM
To: Himes, John
Cc: Peters, Denver L LTJG Submarine Learning Center; Lotring, Arnold O CAPT SUBMARINE LEARNING CTR
Subject: RE: FWD BRAC TASKER

John,

Please find attached.

r/
Skipper McKinnon

-----Original Message-----

From: Himes, John [<mailto:John.Himes@ssp.navy.mil>]
Sent: Tuesday, July 26, 2005 6:51
To: Mckinnon, Mike Capt SUBASE CM
Cc: Peters, Denver L LTJG Submarine Learning Center; Lotring, Arnold O CAPT SUBMARINE LEARNING CTR
Subject: RE: FWD BRAC TASKER

Captain McKinnon,

1. As Captain Lotring's e-mail notes, I am supporting his effort on the "BRAC tasker" with investment numbers for the Strategic component of TTF, Kings Bay.
2. I will need the original "tasker" to present to my Admiral and front office as I review the numbers with them before I submit to SLC.
3. As soon as you can send it to me this morning would be appreciated so I can support Captain Lotring's deadline.

R/John Himes
SP15 Head of Training
202-764-1492

-----Original Message-----

From: Lotring, Arnold O CAPT SUBMARINE LEARNING CTR [<mailto:arnold.lotring@navy.mil>]
Sent: Tuesday, July 26, 2005 6:36 AM
To: McKinnon, Mike CAPT (SUBASE); Himes, John
Cc: Peters, Denver L LTJG Submarine Learning Center
Subject: FWD BRAC TASKER

Mike

Could you pls fwd original taksker to John Himes. John is training director at SP and would like your mail tasker when he reviews his input this morning with the SP senior leadership

Tickle, Harold, CIV, WSO-BRAC

From: Mckinnon, Mike Capt SUBASE CM [mike.mckinnon@navy.mil]
Sent: Tuesday, July 26, 2005 12:39 PM
To: harold.tickle@wso.whs.mil
Cc: Dotson, Karen L CIV SUBASE KINGS BAY GA; Cole, Steve D CDR SUBASE; Mckinnon, Mike Capt SUBASE CM
Subject: RE: BRAC INFORMATION REQUEST
Attachments: Fw: FWD BRAC TASKER

Hal,

Was off on the SP stuff...total for them is \$324.25M....looks like ALL of the equipment combined is \$701.059M...thus if TTF burned to the ground, it would take a total of \$825.556M to replace.

SP specifics attached.

<<Fw: FWD BRAC TASKER>>

r/
Mike

-----Original Message-----

From: Mckinnon, Mike Capt SUBASE CM
Sent: Tuesday, July 26, 2005 11:16
To: 'harold.tickle@wso.whs.mil'
Cc: Dotson, Karen L CIV SUBASE KINGS BAY GA; Cole, Steve D CDR SUBASE
Subject: BRAC INFORMATION REQUEST

Hal,

Pictures are on a CD-ROM, and will be FED-EX'd overnight to you at the address on your business card. Please find attached the information you requested. You'll see two attachments, with another on the way.

First attachment: Sustainment costs...this shows utilities and sustainment, which if divided by the total square footage of our buildings here, will give you a cost/sq.ft. Also is our "FX" cost...that's cutting the grass, etc. I'd expect NLON to have snow removal, etc. Last, we also provided a cost for public safety...fire, EMS, base security/police. Ours is all contracted under a BOSC annex.

Last is the PRV replacement of the TTF and supporting buildings ONLY....no equipment, chairs, etc., should it "burn to the ground." PRV is \$114.497M

<< File: BRAC Data Drill1.xls >>

Second attachment: This is the tactical and engineering laboratory/trainers that are installed at TTF. This is not part of the PRV, but would be part of the total cost to replace the training facility. NETC would have to come up with these dollars....total for tactical/engineering trainers \$376.809M

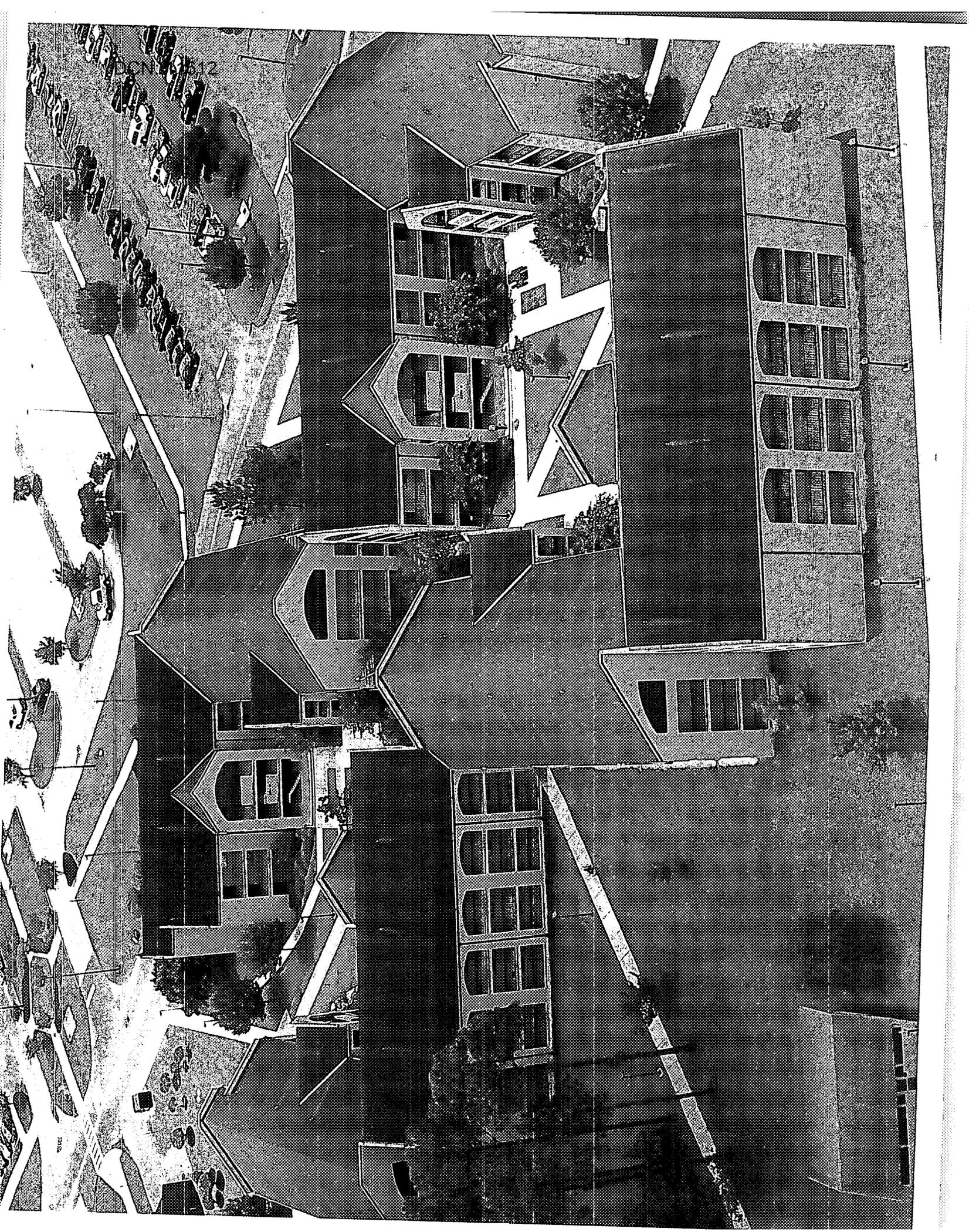
<< File: PLANT PROPERTY SLCch-1.xls >>

Third Attachment: I will send this to you shortly (I hope). It is getting blessed by the Strategic Systems Program. It provides the total cost of all the labs/trainers that support the strategic mission of our

submarines. What I think this number will be close to is \$487M

Let me know if there is anything else you need, or the address for sending the CD-ROM needs to be changed.

All the Best,
Mike McKinnon
CAPT, USN
CO NSB KINGS BAY



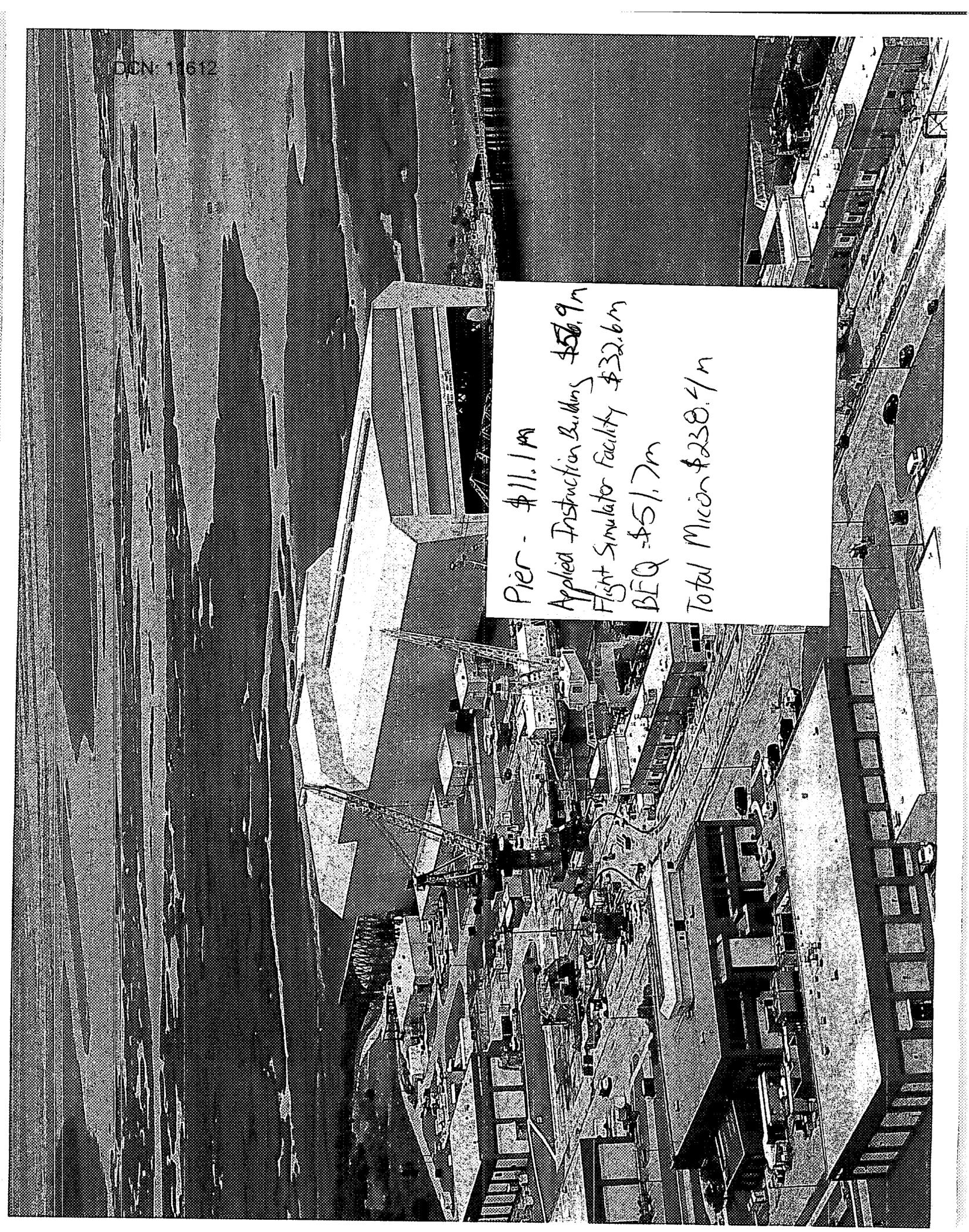
Pier - \$11.1m

Applied Instruction Building \$56.9m

Fight Simulator Facility \$32.6m

BEQ \$51.7m

Total Micon \$230.4m



Subbase Kings Bay

FY-05 Sustainment/ Operational Controls	
FX	\$ 5.0 M
UT	\$ 10.6 M
ST	\$ 20.1 M
CT (Security)	\$ 5.1 M
FI (Fire Protect)	\$ 2.3 M
EMS (Medical)	\$ 0.8 M
Total	\$ 43.9 M

FX Breakout (\$\$\$M)	
Grounds Maintenance	2.074
Custodial	1.559
Pest Control	0.350
Refuse	0.278
Non SRM Service Calls	0.448
Other*	0.291
Total	5.000

* Other includes Facility Services Intrastation Moves (9260), Other Maintenance & Service (9290), General Service Shop Overhead (92A0)

Facility Data	
Total Square Footage	
Buildings ✓	4,910 KSF
Structures*	4,327 KSF
Grounds	
Prestige	25 acres
Improved	1,537 acres
Semi-improved	260 acres
Unimproved	14,820 acres
Dredging	
20 mile channel	
5 Operating Basins	

Dredging Breakout (\$\$\$M)	
FP (Eng. Studies)	\$0.51
ST (Maint Dredging)	\$4.51
Total	\$5.02

*ST Maint included in the \$20.1M OPTAR

TTF PRV (\$\$\$M)	
TTF (Bldg 1065):	\$ 110,871
Fire Fighter Training	\$ 2,434
Fire Fighter Support Fac	\$ 1,192

*Structures include Towers, Bridges, Gates, Weirs, Parking Lots, Roads
 Source: Detailed Inventory of Naval Shore Facilities (iNFADS)
 UIC: N42237

DCN: 11612

