



OFFICE OF THE DIRECTOR OF  
DEFENSE RESEARCH AND ENGINEERING  
3030 DEFENSE PENTAGON  
WASHINGTON, D C 20301-3040

AUG 19 2005

Ms. Heather Silber  
Office of Congressman Terry Everett  
U.S. House of Representatives  
Washington, DC 20515-0001

Dear Ms. Silber:

You requested information concerning the Technical Joint Cross Service Group recommendation Consolidate Air and Space C4ISR Research, Development & Acquisition, Test & Evaluation. The specific request follows.

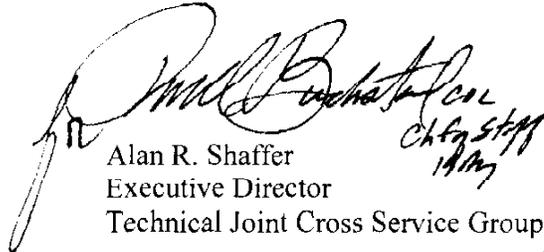
[Inquiry concerning] ...realignment of the Operations and Sustainment Systems Group (OSSG) at Maxwell-Gunter AFB to Hanscom AFB. The specific question is regarding a sentence in the second paragraph [of Congressman Everett's letter to BRAC Commissioner James V. Hansen], which states, "In fact, and since our meeting, DOD has revised its original recommendation stating that it would not move 'any operation activities' from the OSSG."

I was looking to confirm whether DOD had, in fact, revised its original recommendation as Representative Everett suggests - i.e., has DOD indicated at any point that it would not move any operation activities from OSSG?

The SECDEF recommendation regarding the realignment of the OSSG at Maxwell-Gunter AFB to Hanscom AFB has not changed. The recommendation always proposed to realign the Research, Development & Acquisition and Test & Evaluation activities, not the "operational" activity. Specifically, it did not include the Air Force Network Operations Center at Maxwell-Gunter AFB (as mentioned in paragraph 2 of the enclosure).

Thank you for the opportunity to address your concerns.

Sincerely,

  
Alan R. Shaffer  
Executive Director  
Technical Joint Cross Service Group

Enclosure:

Letter, Congressman Terry Everett to Mr. James V. Hansen, August 5, 2005



*Mr. Shaffer is out of town*

*11/17/09*

TERRY EVERETT  
2ND DISTRICT, ALABAMA

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Congress of the United States

House of Representatives

Washington, DC 20515-0102

August 5, 2005

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Web site: <http://www.house.gov/everett>

The Honorable James V. Hansen  
2005 Defense Base Closure and Realignment Commission  
2521 S. Clark St., Ste. 600  
Arlington, VA 22202

BRAC Commission

AUG 09 2005

Received

Dear Jim:

I would like to thank you again for meeting with me about DOD's BRAC recommendations facing the Second District of Alabama. To quickly recap our meeting, I'm most concerned about two recommendations that I feel deserve the BRAC Commission's further consideration: 1) to realign the Operations and Sustainment Systems Group (OSSG) at Maxwell-Gunter AFB to Hanscom AFB, and 2) to realign the Army Aviation Technical Test Center (ATTC) to Redstone Arsenal.

As we discussed, the Air Force does not need to move the OSSG to Hanscom in order to perform this critical mission. In fact, and since our meeting, DOD has revised its original recommendation stating that it would not move "any operation activities" from the OSSG. These activities consist of the Network Operations Center, which employs over 450 people. If DOD has already stated that it intends to leave the Network Operations Center at Gunter, it makes no sense to move the remaining 1,264 jobs associated with the direct Operations Support activities that keep the current systems running on the network.

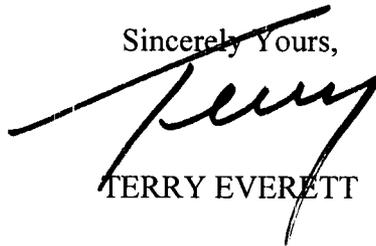
Moreover, the commander of the 8<sup>th</sup> Air Force, Lt. Gen. Bruce Carlson, recently briefed Air Force leaders on the Integrated Network Operations and Security Center (I-NOSK). One of the proposed locations for this important center is Gunter AFB (the brief is attached). As such, moving the OSSG, the guts of Gunter, to Hanscom AFB would undermine future Air Force plans.

Regarding the Aviation Technical Test Center (ATTC), the Army has finally assembled all components of Army Aviation training at one location with the realignment of the Aviation Logistics School to Ft. Rucker. Yet, at the same time, DOD's recommendation to realign to the ATTC to Redstone Arsenal runs counter to that by removing a leg from the aviation stool. At Ft. Rucker, the ATTC is able to operate their fleet of approximately 40 test aircraft by the large maintenance and logistics operation on post at significant savings - that will be significantly bolstered by the relocation of the Aviation Logistics School from Fort Eustis. A move to Redstone disregards the significant costs of keeping the test fleet flying. The vast pool of pilots and aircraft from the Aviation Center also facilitates the ATTC's ability to realize a greater return on the testing dollar invested.

Another problem with this recommendation is airspace. As the home of Army Aviation, Fort Rucker is blessed with over 32,000 square miles of airspace to conduct its mission - this cannot be duplicated in Huntsville. A potential move also undermines the synergies that currently exist between the schoolhouse and the experimental pilots. Finally, with Fort Rucker being the Army proponent for unmanned aerial vehicles (UAVs), it is crucial that the ATTC be able to leverage the expertise associated with this proponentcy to conduct its tests on UAVs. Fort Rucker also has Federal Aviation Administration (FAA) certified UAV air space, which may be impossible to duplicate at Redstone.

I obviously have a parochial interest in seeing these two recommendations overturned, but I truly believe that DOD failed to fully understand the negative impact that these decisions would have on military readiness. Thanks again for taking a hard look at these issues, and I appreciate the work that you and the other commissioners are performing on behalf of our national security.

Sincerely Yours,

A handwritten signature in black ink, appearing to read "Terry", written over the typed name "TERRY EVERETT".

TERRY EVERETT

Cc: BRAC Commissioners  
The Honorable Anthony J. Principi  
The Honorable James H. Bilbray  
The Honorable Philip Coyle  
Admiral Harold W. Gehman, Jr. (USN, Ret.)  
General James T. Hill (USA, Ret.)  
General Lloyd W. Newton (USAF, Ret.)  
The Honorable Samuel K. Skinner  
Brigadier General Sue E. Turner (USAF, Ret.)

### Maxwell-Gunter AFB -- OSSG

Since 1993, over \$275 million in military construction has been authorized to modernize Maxwell-Gunter including state-of-the-art dorms, educational facilities and the 1,500-foot runway expansion. In addition, \$12.8 million was appropriated for the Integrated Operation Support Facility to support the mission of the OSSG at Gunter. Furthermore, I recently met with Lt. Gen. Charles Johnson, Commander of the Air Force Electronic Systems Command, about leadership and funding issues that I had concerning the OSSG. Shortly thereafter, Greg Garcia was named as the new director of the OSSG, while other military leadership positions that have been vacant due to retirements are beginning to be filled.

Despite my efforts, the Pentagon has made an unwise decision and called for the realignment of 1,251 civilian and military jobs from Maxwell-Gunter AFB to Hanscom AFB, which is the parent organization of the OSSG. The OSSG has provided world-class combat operational support to Air Force bases and DoD agencies around the world from Montgomery for more than 30 years. It does not need to be moved in order to continue to perform this critical national security mission. Most significantly, the transfer of the OSSG to Hanscom AFB would necessitate a reproduction of infrastructure, personnel, and contractor base, and therefore could potentially harm the warfighter during this transition because of OSSG's combat support mission. Additionally, a move to a significantly higher cost area, like Massachusetts, is expected to bring a price tag of over \$254 million with any potential payback not expected for another eight years.

The OSSG is the only organization with experience fielding systems across the entire Air Force and DoD. Moreover, Gunter is home to one of four major Defense Information Systems Agency (DISA) nodes which provide the backbone on which Air Force Systems run -- a synergy that does not exist at Hanscom AFB. The DISA presence, along with the OSSG, enables testing of enterprise-wide combat support software applications in an operational environment. With its extensive background, experience, and expertise, this organization is truly a one of a kind national resource and belongs in Montgomery.

Further investigation of OSSG's mission, prompted by inquiries from the BRAC commission, led DoD to revise its original recommendation. Specifically, the Pentagon stated that it would not move "any operation activities" from the OSSG. In my estimation, these activities consist primarily of the Network Operations Center which employs over 450 people. It makes no sense if DoD has already stated that it intends to leave the Network Operations Center at Gunter to move the remaining 1,264 jobs associated with all the direct Operations Support activities that keep the current systems running on the network.

To further illustrate DoD's shortsighted decision to move the OSSG, a recent briefing on Integrated Network Operations and Security Centers given by the Commander of 8<sup>th</sup> Air Force, Lt. Gen. Bruce Carlson, stated that Gunter was one of the proposed locations to remain open after future consolidations. As such, moving the OSSG to Hanscom AFB would undermine future Air Force plans.

### **Fort Rucker – Aviation Technical Test Center (ATTC)**

While I am very pleased that DoD has recommended moving an important mission to Fort Rucker, I am very concerned about its proposal to realign the Aviation Technical Test Center (ATTC) to Redstone Arsenal. This issue is very close to me personally as I have been intimately involved with it for over 10 years. In the mid-90s, there was an effort made within the Pentagon to move the ATTC out of Fort Rucker. As is the case now, I was very troubled by this, and began to investigate in an effort to determine if this would be best for the Army, highlighted by a personal meeting with the then-Secretary of the Army, Togo West. This culminated when my amendment was included in the House version of Fiscal Year 1996 National Defense Authorization Act (HR 1530) which blocked the Army's proposal to relocate the ATTC until an outside independent study of the proposal could be completed. After an analysis of the move was completed, not only did the ATTC stay at Fort Rucker, but the Airworthiness Qualification Test Directorate was moved from Edwards AFB to Fort Rucker as well. I believe the arguments presented then still have substantial merit today.

At Fort Rucker, the ATTC is able to have their fleet of approximately 40 test aircraft maintained by the large maintenance and logistics operation on post that will be significantly bolstered by the relocation of the Aviation Logistics School from Fort Eustis, the group responsible for training our helicopter maintainers. A move to Redstone disregards these significant costs of keeping the test fleet flying. The vast pool of pilots and aircraft from the Aviation Center also facilitates the ATTC's ability to realize a greater return on the testing dollar invested.

Another problem with this recommendation revolves around airspace. As the home of Army Aviation, Fort Rucker is blessed with over 32,000 square miles of airspace to conduct its mission. This irreplaceable natural asset cannot be duplicated in Huntsville. A potential move also undermines the synergies that currently exist between the schoolhouse and the experimental pilots. Finally, with Fort Rucker being the Army proponent for unmanned aerial vehicles (UAVs), it is crucial that the ATTC be able to leverage the expertise associated with this proponenty to conduct its tests on UAVs. Fort Rucker also has Federal Aviation Administration (FAA) certified UAV air space, which may not be able to be duplicated at Redstone.

Pre-decisional

# **Headquarters U.S. Air Force**

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## **Integrated Network Operations and Security Center (I-NOSC) Update**



**Lt General Bruce Carlson**  
**AFNETOPS/CC**

Pre-decisional





# Purpose

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- **CORONA South tasker:**
  - **Develop a plan for an appropriate number of AF I-NOSCs to standardize AFNETOPS**
- **Proposed Solution**
  - **Approve AFNETOPS/CC as AF Network DAA**
  - **Approve I-NOSC transformation roadmap**
- **Direct AFNETOPS/CC to stand up a DRU reporting to CSAF**
  - **Assign AF Network Operations and Security Center (AFNOSC) to WFHQ**



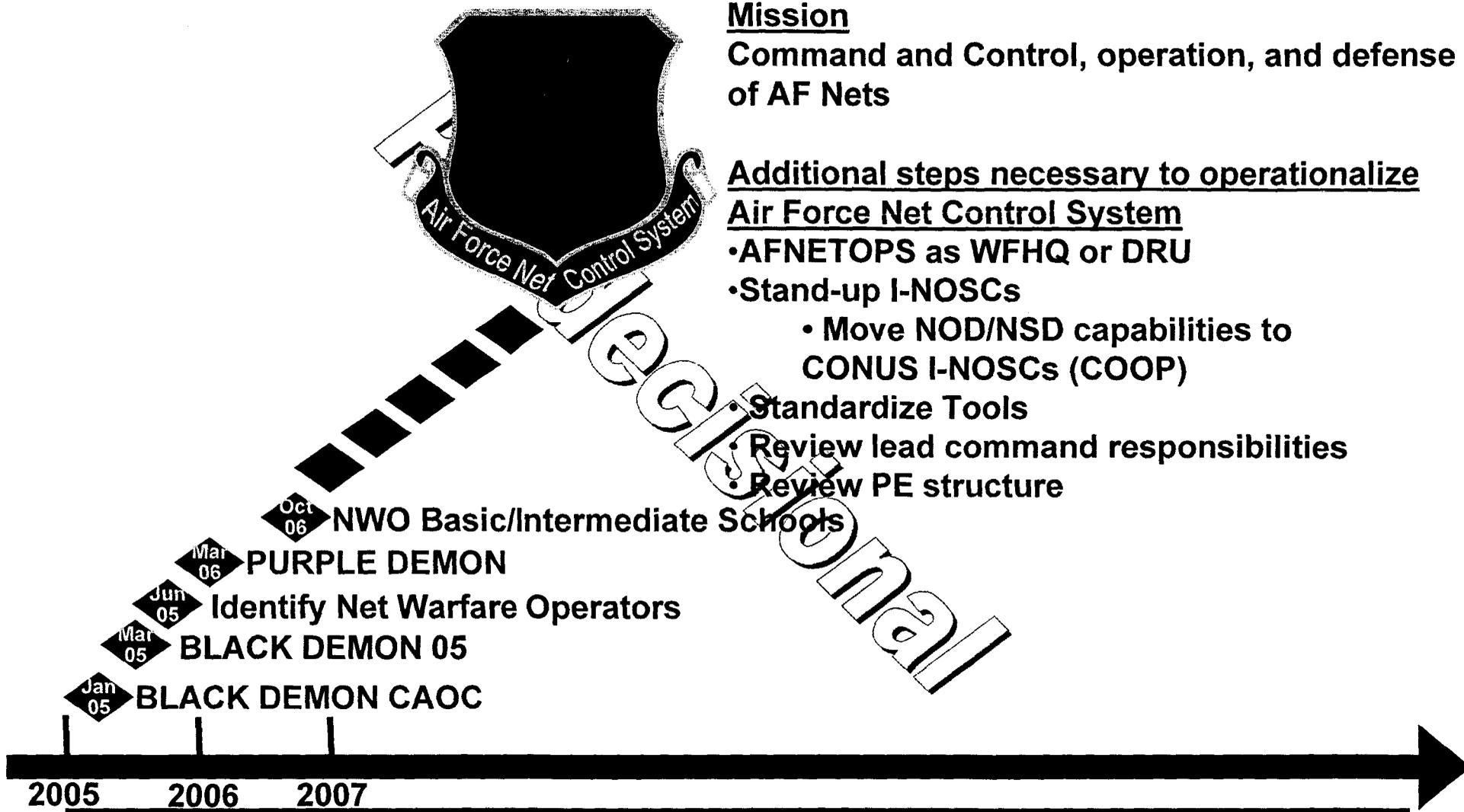
# AFNETOPS Future

## Mission

Command and Control, operation, and defense of AF Nets

## Additional steps necessary to operationalize Air Force Net Control System

- AFNETOPS as WFHQ or DRU
- Stand-up I-NOSCs
  - Move NOD/NSD capabilities to CONUS I-NOSCs (COOP)
- Standardize Tools
- Review lead command responsibilities
- Review PE structure



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# I-NOSC Desired End State (FY09+)

AFNETOPS/CC

- Unity of command (centralized control / de-centralized execution)
- MAJCOMS retain control of unique / functional systems
- AF Net managed as an enterprise
- Fewer sites to operate, maintain, and modernize
- Less duplication of effort
- Improved C2 & security
- Postured for ConstellationNet
- Consistent presentation of AFNETOPS forces to JTF-GNO
- Single I-NOSC is a high-payoff target for adversary – need at least two locations

IPNCC

I-NOSC

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# I-NOSC Interim State (FY08)

AFNETOPS/CC

I-NOSC

CONUS West      CONUS East

Mini  
I-NOSC

Mini  
I-NOSC

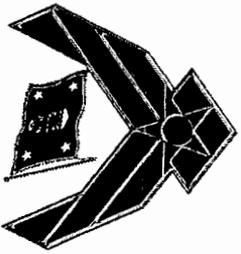
IPNCC

- Short-term limitations require an additional 2 locations
  - 2 I-NOSCs\*
    - CONUS-East
    - CONUS-West
  - 2 Mini-I-NOSCs
    - Interim locations TBD
    - Geographically focused

\*Currently proposed locations are:

- Gunter Annex
- Randolph or Lackland AFB

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# I-NOSC Operational Considerations

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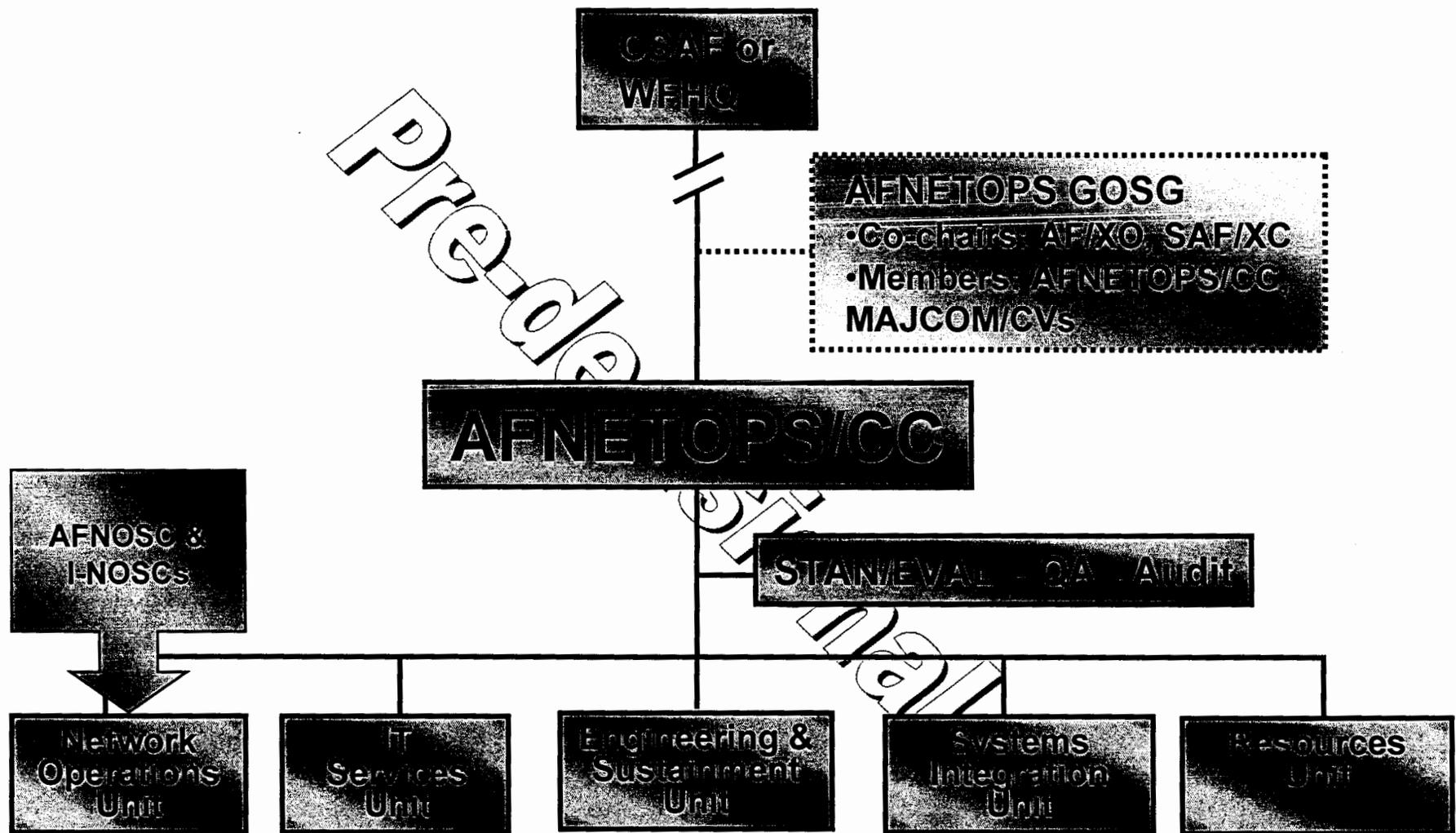
- ✓ AFNOSC Security Division & Ops Division are essential I-NOSC capabilities
- ✓ Near-term overseas requirements: Customer proximity, industry models, contingencies, excellent “I-NOSC launching points”
- ✓ Leverage existing capabilities (bandwidth and infrastructure)
- ✓ Establish COOP capability
- ✓ Minimize migration risks
- ✓ Mitigate vulnerability (environmental risks)
- ✓ Leverage economy (skilled/affordable/stable workforce)

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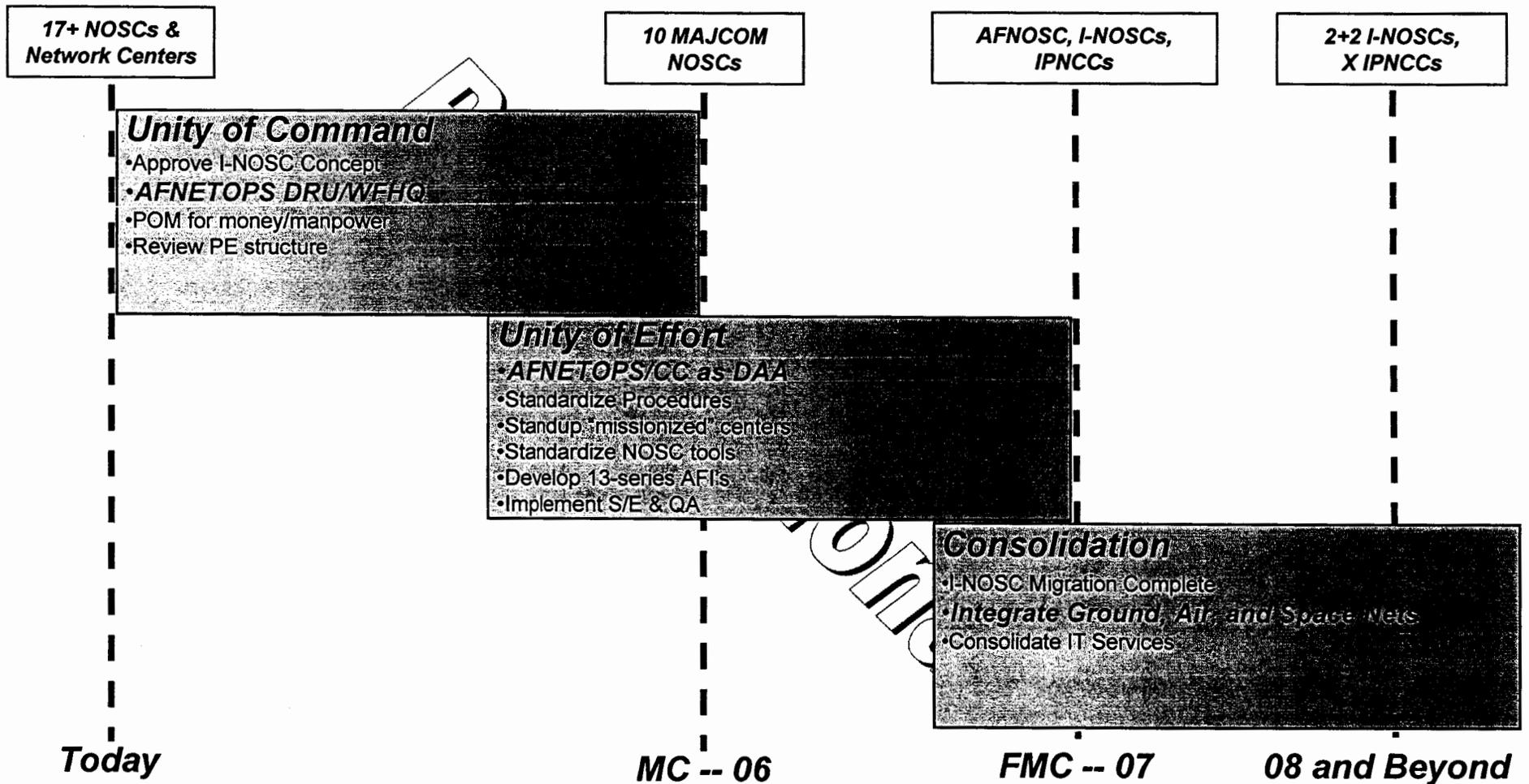
# Notional AFNETOPS Organization



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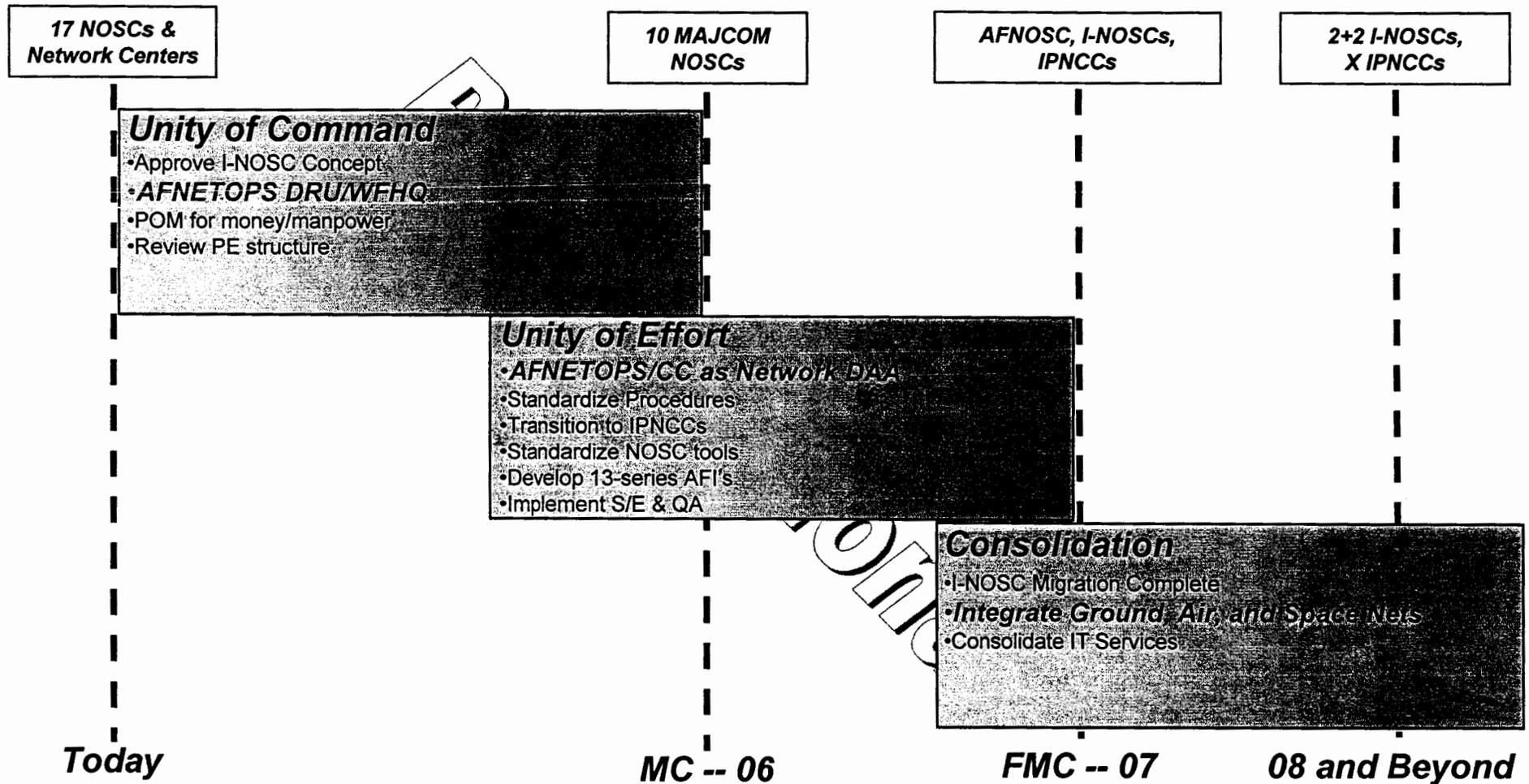
# I-NOSC Transformation Roadmap



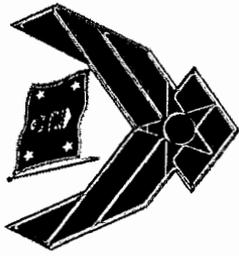
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# I-NOSC Transformation Roadmap



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# Network Designated Approval Authority (DAA)

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- Per CJCSI 6510.01D, “...a DAA will be designated as responsible for overall network security and will determine security and protection requirements for system connections to the network.” Enclosure D, Section 12, Paragraph b., Subparagraph (6)
- AF Enterprise Network is a trusted Community of Interest/Enclaves requiring a strategic approving authority
- AF Network DAA ensures systems have met minimum security requirements before allowing connection to the network

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# Way Ahead

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- Approve AFNETOPS/CC as AF Network DAA
- Approve I-NOSC transformation roadmap
  - Report on reduction from 17 to 10 NOSC's at CORONA Fall
  - Brief plan for continued consolidation and further AFNETOPS transformation at CORONA Fall
- Direct AFNETOPS/CC to stand up a DRU reporting to CSAF
  - Assign AF Network Operations and Security Center (AFNOSC) to WFHQ

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JUN 30 2005



RECEIVED

The Honorable Anthony Principi  
Chairman  
Defense Base Closure and Realignment Commission  
2521 South Clark Street, Suite 600  
Arlington, VA 22202

07052005

Dear-Chairman Principi:

During a Base Realignment and Closure Commission visit to Wright-Patterson Air Force Base, your staff asked several questions that the hosts were unable to answer. Technical Joint Cross Service Group responses to these questions are attached.

If you need further assistance please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Alan R. Shaffer".

Alan R. Shaffer  
Executive Director  
Technical Joint Cross-Service Group

Attachment:  
As stated.



Wright-Patterson Air Force Base Visit  
Defense Base Closure and Realignment Commission 4 Questions and  
Technical Joint Cross-Service Group Response  
( Prepared June 27, 2005)

Question 1

How many people support the sensors directorate effort at: Wright-Patterson Air Force Base (WP AFB)? Rome Laboratory? Hanscom Air Force Base?

Answer

Air Force Materiel Command host personnel provided the following updated information to the previously provided certified data: Off/Enl/Civ/Tot authorizations: Wright-Patterson Air Force Base-94/1/431/526; Rome-11/0/69/80; Hanscom-33/0/79/112; Total-138/1/579/718. This information is more current than the TJCSG 30 Sep 03 certified data. The Air Force Materiel Command response should be supported and used during implementation planning.

Question 2

Clarify what elements move from WP AFB (DFSG, OSSG, EIS), Gunter Annex with Maxwell AFB (OSSG), and Lackland AFB (CPSG) to Hanscom AFB. Additionally, please provide the precise unit names and numbers of authorizations for this effort.

Answer

The element to move from WP AFB is the DFSG (Development & Fielding Systems Group); the element to move from Gunter Annex is the OSSG (Operations and Sustainment Systems Group) not including any operational activities; and the element to move from Lackland AFB is the RDAT&E (Research, Development & Acquisition, and Test & Evaluation) portion of the CPSG (Cryptologic Systems Group). The current number of authorizations involved is not available. The TJCSG is waiting for this data from the Air Force Material Command.

Question 3

Clarify ambiguity with the V-22 and Personnel Recovery Vehicle (PRV) move from WP AFB to Patuxent River.

Answer

This recommendation will relocate Wright-Patterson Air Force Base Aeronautical Systems Center activities related to Rotary Wing Air Platform Development & Acquisition, including V-22 and Personnel Recovery Vehicle, to Naval Air Warfare Center Aircraft Division Patuxent River.

Question 4

Provide precise terms and recommendations for 46th Test Wing move to China Lake. What will move? Will the 20 over hires and 101 contractors be identified for the move?

Answer

The TJCSG recommended the movement of work and functions or work load to Naval Air Weapons Division China Lake, but did not make specific recommendations concerning over-hires or contractors. The TJCSG expects that recommendation specificity, in general, will increase during implementation planning. The live fire survivability functions to be received by Naval Air Weapons Division China Lake will be accommodated by the construction of additional facilities. Adequate space is available at Naval Air Weapons Division China Lake to support the required building construction, and test site improvements will be done in an area already dedicated to functions that are similar to the work being moved in from Wright-Patterson Air Force Base.