

BRAC 2005
Technical Joint Cross-Service Group (TJCSG)
Daily Conference Call
Meeting Minutes of 11 March 2005

Dr. Segal chaired the meeting. The agenda is enclosed in attachment 1. The list of attendees is enclosed in attachment 2. The read ahead materials are enclosed in attachment 3. The primary objective for the meeting was to review the status of the candidate recommendation packages. The agenda topics are listed below in the order in which they were covered. The key points, decisions and action items from the meeting are as follows:

Candidate Recommendation Package Status

Key Points:

- All five of the TJCSG candidate recommendations were approved at today's, 11 March 2005, ISG Meeting. However, the TJCSG needs to revisit TECH-0035 as well as the Corona issue.
- The TJCSG discussed the possibility of moving Corona to March AFB. Moving to March AFB will save approximately \$31M in moving costs.
- The HS&A JCSG/TJCSG de-confliction regarding MDA is in work.
- TECH-0031 and TECH-0018D have been accepted for the Tuesday, 15 March 2005 ISG Meeting. TECH-0018C will be accepted on Monday, 14 March 2005, for inclusion in the 15 March 2005 ISG Meeting.
- The C4ISR TECH-0042A Part 10 current candidate recommendation is for a West Coast only solution. However, the C4ISR completed a COBRA run for an East and West Coast alternative. The alternative COBRA run is more favorable. Therefore the C4ISR Subgroup recommended changing the candidate recommendation for TECH-0042A Part 10 to now be an East and West Coast solution.

Decisions:

- The TJCSG approved C4ISR recommendation to make the candidate recommendation for TECH-0042A Part 10 an East and West Coast solution. However, this will need to be approved again by the ISG on Friday, 18 March 2005.

15 March 2005 ISG Briefing Review – Mr. Shaffer

Key Points:

- TECH-0031, 0018D and 0018C will be presented to the ISG on Tuesday, 15 March 2005.
- Mr. Shaffer has submitted the subject briefing with the assumption the TJCSG will approve it. However, he specifically requested each TJCSG Principal to review the

briefing and to look especially close at slide 10, which is a new slide showing the additional TJCSG "due outs" that will be considered in the near future.

Decisions:

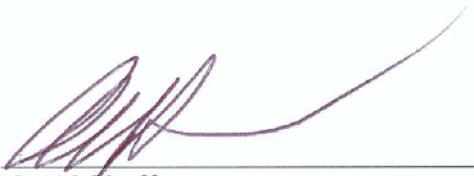
- The TJCSG Principals need to call Mr. Shaffer prior to Monday, 14 March 2005, if they have any issues with the 15 March 2005 ISG Briefing. Otherwise, it will be assumed they concur with the briefing as written.

Other Information:

- The next TJCSG Meeting on Tuesday, 15 March 2005, will take place from 1200-1400 hrs EST, and will now be held in the Pentagon, Rm 3E1014 instead of Crystal City.

Action Items:

1. The TJCSG Principals need to call Mr. Shaffer prior to Monday, 14 March 2005, if they have any issues with the 15 march 2005 ISG Briefing. Otherwise, it will be assumed they concur with the briefing as written.

Approved: 

Mr. Al Shaffer
Executive Director
Technical Joint Cross Service Group

Attachments:

1. Outline -Agenda
2. List of Attendees
3. Read Ahead Materials

March 11, 2004

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Attachment 2
Technical JCSG Meeting
March 11, 2005
Attendees

Members:

Dr. Ron Sega, Chairman
Dr. Dan Stewart, Air Force Alternate for Mr. Blaise Durante, Air Force
Mr. Brian Simmons, Army
Dr. Barry Dillon, Marines
Mr. George Ryan, Navy Alternate for RADM Jay Cohen, Navy
Mr. Jay Erb, JCS

Other:

Mr. Al Shaffer, CIT Chairman
Dr. Bob Rohde, Army CIT Rep
Mr. Pete Cahill, Army
Mr. Gary Strack, OSD
COL Pete DeSalva, Marines
Mr. Jerry Schiefer, OSD BRAC
Mr. Matt Mleziva, C4ISR Subgroup Lead
Dr. Karen Higgins, Weapons and Armaments Subgroup Lead
Dr. Jim Short, OSD
Dr. Larry Schuette, Innovative Systems Subgroup Lead
COL Bob Buckstad, OSD
Mr. Andy Porth, OSD BRAC
Mr. Thom Mathes, ALSS Subgroup Lead
Ms. Marie Felix, OSD
Roger Florence, DoD IG
Mr. Doug Nation, Air Force
COL Walt Hamm, Marines
COL Steve Evans, Marines
Mr. Steve Kratzmeier, Army
Dr. Bill Berry, Enabling Technologies Subgroup Lead
Mr. Matt Mleziva, C4ISR Subgroup Lead
COL Joe Kennedy, Navy

TJCSG Daily Teleconference Call

Agenda

1700-1730 hrs EST

- **Scenario Data Call Status**
- **Criteria 8 Status**
- **Subgroup Scenario Data Assumptions**



TECH-0042A Part 10 – TJCSG Decision

- Maritime Info Systems RDATE&E (SPAWAR)
 - West Coast Only (Current Candidate Recommendation)
 - East and West Coast (Proposed Alternative)
- COBRA favors East & West Coast Alternative
 - Payback: 1 year vice 3 years
 - NPV: -\$432M vice -\$358M
 - 1-Time Cost: \$69M vice \$96M
 - Annual Recurring Savings: \$36M vice \$32M
 - Over 475 billets eliminated in both cases
- Timely Platform Support favors East & West Coast alternative
- Recommend East & West Coast alternative be adopted



Draft

Technical Joint Cross Service Group Candidate Recommendations

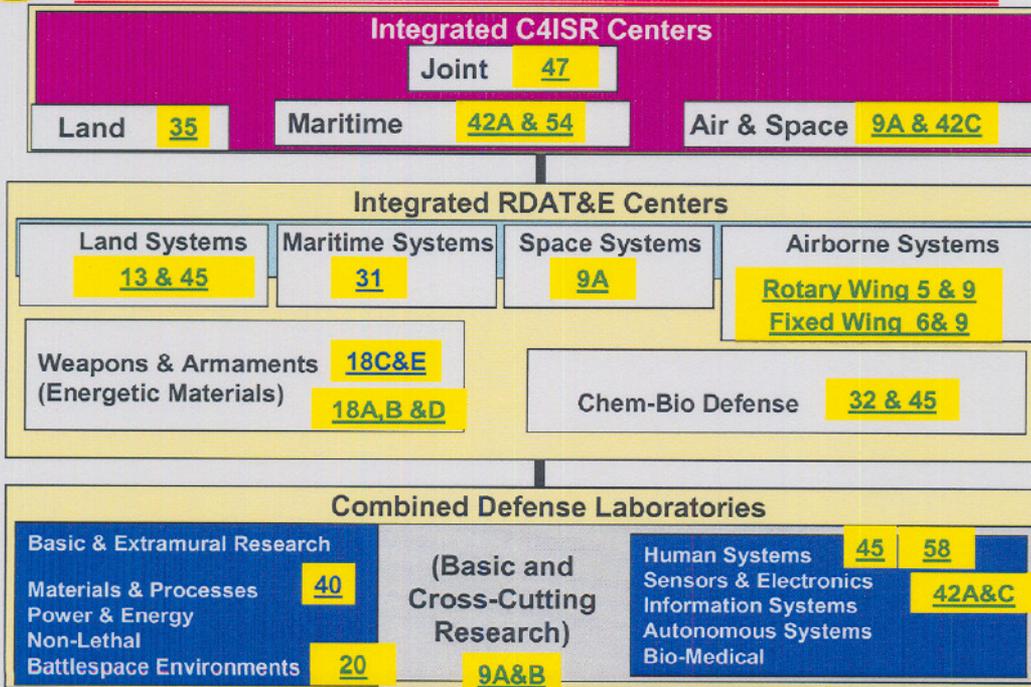
March 15, 2005

Dr. Ron Sega/Mr. Al Shaffer
Technical Joint Cross Service Group

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TJCSG Transformational Framework with Candidate Recommendations



Candidate Recommendation Scenario #



Combined Research Laboratories

- Research End State:
 - **Co-location of Research Program Managers to Anacostia**
 - Consolidation of Research Labs
 - **Army—Aberdeen MD and Adelphi**
 - **Navy—Washington DC and Stennis Space Center MS**
 - **AF—Wright Patterson and Kirtland AFB**
 - Retention / Alignment of Product Centered Research for Major Acquisition (Major Defense Acquisition Program) Areas
 - E.G. C4ISR—Adelphi, San Diego, and Hanscom AFB

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Tech-0040: Co-locate Extramural Research Program Managers

Co-located Research Program Managers

Anacostia Annex	Bethesda Uniform Services University of the Health Sciences (USUHS)	
\$109.2M	One Time Cost	\$110.8M
\$578.0M	NPV (Savings)	\$457.5M
2	Payback Years	1

Military Judgment also favors Anacostia

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Tech-31: Consolidate Sea Vehicle Development & Acquisition (D&A)



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As of 02/16/05



Tech-31: Consolidate Sea Vehicle Development & Acquisition (D&A)

Candidate Recommendation: Realign Detroit Arsenal, MI, by relocating Sea Vehicle Development and Acquisition to Naval Surface Warfare Center Carderock Division, Bethesda, MD, and Program Management and Direction of Sea Vehicle Development and Acquisition to Naval Sea Systems Command Washington Navy Yard, DC.

<u>Justification</u>		<u>Military Value (MV)</u>	
<ul style="list-style-type: none"> • Provide greater synergy across Sea Vehicle D&A • Reduce potential duplicative efforts • Provide consolidated centers of mass for Sea Vehicles D&A • Increase effectiveness and efficiencies • Collocates Army Detroit Arsenal Sea Vehicle efforts with large concentration of Navy Sea Vehicle knowledge base in D&A 		<ul style="list-style-type: none"> • Quantitative Military Value <ul style="list-style-type: none"> • NSWC Carderock, 1st • NAVSEA SYSCOM @ Washington Navy Yard, 3rd • Detroit Arsenal, 10th • Detroit Arsenal's quantitative MV and response to scenario data call is consistent with the recommendation to realign to locations with higher quantitative MV. 	
<u>Payback</u>		<u>Impacts</u>	
One-time cost:	\$1.717M	Criterion 6: -55 jobs (35 direct, 20 indirect); <0.1% Criterion 7: No issues Criterion 8: No impediments	
Net implementation cost:	\$0.396M		
Annual recurring savings:	\$0.223M		
Payback time:	8 years		
NPV (savings):	\$1.619M		

- ✓ Strategy
- ✓ Capacity Analysis / Data Verification
- ✓ JCSG/MilDep Recommended
- ✓ De-conflicted w/JCSGs
- ✓ COBRA
- ✓ Military Value Analysis / Data Verification
- ✓ Criteria 6-8 Analysis
- ✓ De-conflicted w/MilDeps

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Tech 18 Weapons & Armaments RDAT&E Integrated Major Centers



ESTABLISHED 3 W&A MAJOR CENTERS AND 2 W&A SPECIALTY CENTERS

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As of 01/07/05



Tech-0018C: Weapons & Armaments RDAT&E Integrated Center at Redstone

Candidate Recommendation (Summary): Relocate Missile Defense Agency Weapons and Armaments Research and Development & Acquisition functions from FOB 2, leased locations in the National Capital Region, and Kirtland Air Force Base, NM, to Redstone Arsenal, AL. *Note: Reconciling minor differences with H&SA-0047. Intend to accept modified H&SA-0047*

<u>Justification</u>	<u>Military Value (MV)</u>
<ul style="list-style-type: none"> • Consolidates MDA RD&A work, enhancing life cycle mission related synergies • Reduce lease costs significantly • Enables future Joint consolidation • Multiple use of equipment/ facilities/ ranges/ people • Vacate leased space [all W&A out] 	<ul style="list-style-type: none"> • Research quantitative MV <ul style="list-style-type: none"> – Redstone 3rd of 20 – MDA 18th of 20 • D&A quantitative MV <ul style="list-style-type: none"> – Redstone 1st of 24 – MDA 6th of 24 – Kirtland 23rd of 24 • Judgment: Redstone has largest concentration of integrated technical facilities across all 3 functional areas
<u>Payback</u>	<u>Impacts</u>
<ul style="list-style-type: none"> • One-time cost: \$143.8M • Net implementation savings: \$327.9M • Annual recurring savings: \$155.6M • Payback time: 1 year • NPV Savings \$1,742M 	<ul style="list-style-type: none"> • Criteria 6: -41 to -5920 jobs; <0.1% to 0.21% • Criteria 7: No issues • Criteria 8: No Impediments

✓ Strategy
✓ COBRA

✓ Capacity Analysis / Data Verification
✓ Military Value Analysis / Data Verification

✓ JCSG/MilDep Recommended
✓ Criteria 6-8 Analysis

✓ De-conflicted w/JCSGs
✓ De-conflicted w/MilDeps

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Tech-0018E: Consolidation Navy Strategic Test & Evaluation at Kings Bay

Candidate 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.

<u>Justification</u>	<u>Military Value (MV)</u>
<ul style="list-style-type: none"> • Enhances Mission synergy • Consolidate Navy Nuclear T&E to enhance Anti-Terrorism Force Protection • Reduce number of strategic sites & billets • Reduce duplicative capabilities with the new Western Test Range (Pacific) 	<ul style="list-style-type: none"> • Naval Ordnance Test Unit Cape Canaveral has the highest Nuclear MV for Navy. • Military Judgment to relocate to Kings Bay for synergy in ATFP, Fleet operational support, and mission support infrastructure.
<u>Payback</u>	<u>Impacts</u>
<ul style="list-style-type: none"> • One-time cost: \$86M • Net implementation costs: \$75M • Annual recurring savings: \$14M • Payback period: 7 years • NPV (savings) \$66M 	<ul style="list-style-type: none"> • Criteria 6: <ul style="list-style-type: none"> – Cape Canaveral, FL -1013 jobs (571 direct, 442 indirect) • Criteria 7: No issues • Criteria 8: No impediments

✓ Strategy
✓ COBRA

✓ Capacity Analysis / Data Verification
✓ Military Value Analysis / Data Verification

✓ JCSG/MILDep Recommended

✓ De-conflicted w/JCSGs

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Technical JCSG “Due Outs”

- Assess Bed Down of NSWC Corona Activity:
 - Patuxent (PAX) River, China Lake, Pt. Hueneme, San Diego, Newport, & Dahlgren
- Evaluate the Bed Down of Ft. Monmouth HQ CECOM:
 - Ft. Belvoir or Aberdeen Proving Grounds
- Evaluate not moving Lakehurst D&A to PAX River
- Complete integration of MDA issue (Tech-0018C) with H&SA JCSG (H&SA-0047)
- Analyze 3 Scenarios provided by ISG
 - Analyze movement of Space D&A from LAAFB
 - Analyze Potential closure of Lakehurst D&A with IND JCSG
 - Analyze Potential closure of Indian Head with IND JCSG
- Work with S&S JCSG for Natick Closure

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TJCSG Recommendations to the ISG Overall Score Card

Scenario #	1 Time Cost (M)	Payback (years)	Annual Savings (M)	NPV (M)
18C Integrated Redstone Weapon Center	\$143.8	1	\$155.96	\$1,742.0
13 Joint Ground Vehicle D&A	\$3.76	2	\$1.93	\$16.42
18A Integrated Eglin Weapon Center	\$2.80	2	\$1.50	\$16.20
40A Extramural Research PMs	\$109.20	2	\$52.20	\$678.00
42C Air & Space C4ISR DAT&E	\$51.10	4	\$13.12	\$137.03
58 Realign Human Systems D&A	\$14.20	4	\$3.90	\$33.90
47 Combatant Commander C4ISR	\$13.88	5	\$2.08	\$17.28
20 Joint Meteorology/Oceanography	\$12.70	6	\$2.30	\$20.70
9A Defense Research Labs (AF)	\$393.00	7	\$58.00	\$349.00
18E Consolidate Navy T&E @ Kings Bay	\$86.00	7	\$14.00	\$66.00
18D Integrated China Lake Weapon Center	\$437.00	8	\$64.00	\$374.00
31 Consolidate Sea Vehicle	\$1.72	8	\$0.223	\$1.62
9B Defense Research Labs (Army)	\$27.12	9	\$2.91	\$10.17
35 Army Land C4ISR Center	\$642.95	10	\$79.59	\$287.03
6 Joint Centers for Fixed Wing	\$68.69	13	\$6.49	\$15.26
18B Guns/Ammo @ Picatinny	\$120.00	13	\$11.60	\$28.40
54 Navy C4ISR Consolidation	\$72.80	13	\$6.70	\$13.80
32 Chem-Bio RD&A	\$75.75	15	\$6.30	\$8.35
45 Army Soldier & Bio/Chem Center	\$334.21	15	\$29.32	\$10.90
5 Joint Centers for Rotary Wing	\$101.25	17	\$7.86	\$2.02
42A Maritime C4ISR RDAT&E	\$152.01	18	\$10.40	\$2.90
Total	\$2,863.94		\$529.58	\$3,730.98

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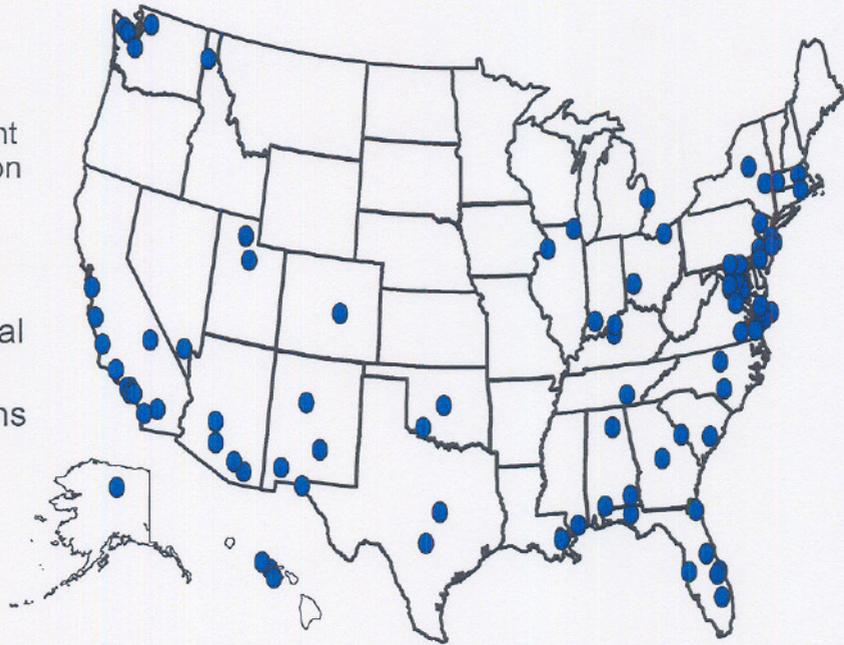


Backup Charts



RDAT&E Facilities*

- 3 Functions
 - Research
 - Development & Acquisition
 - Test & Evaluation
- 157,315 FTEs
- ~ \$130B Annual Funding
- 146 Installations



*With greater than 30 Full time Equivalent personnel

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TJCSG “Principles & Strategies”

Principles:

- 1) Ensure Efficiency--Consolidate to a few RDAT&E major centers with specialty sites as required
- 2) Competition of Ideas--Maintain Complementary/Competitive Sites

Strategies:

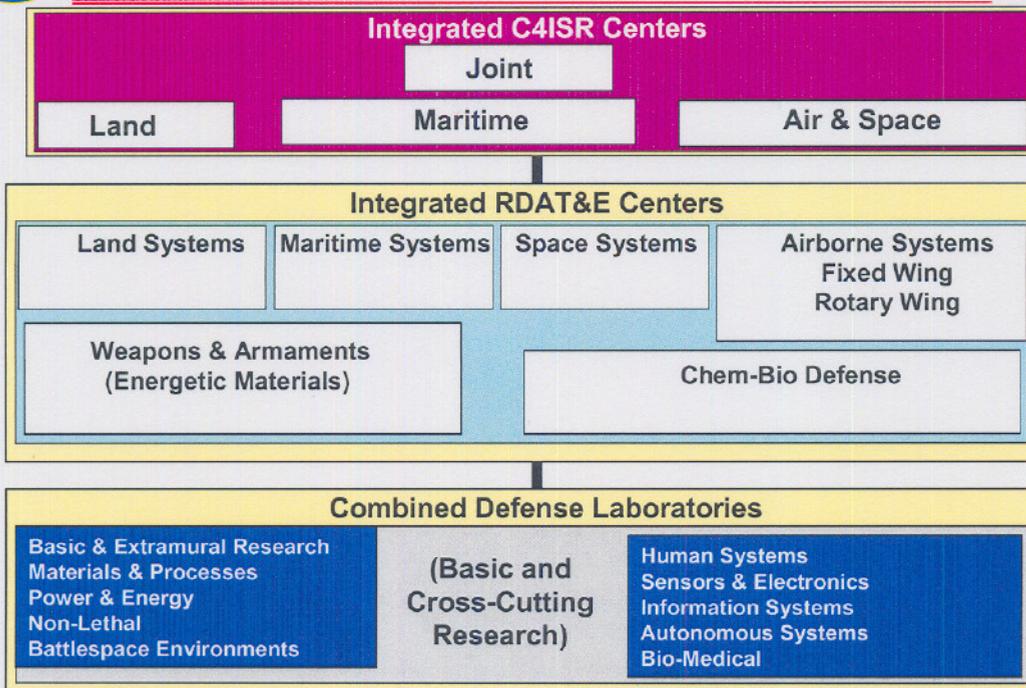
- 1) Establish Defense Research Laboratories
 - A. Co-locate Program Managers
 - B. Reduce Number of In-House Laboratory Sites
- 2) Establish Air, Land, Maritime and Joint C4ISR Centers
- 3) Establish “Integrated” RDAT&E Centers for Major Defense Systems
- 4) Position Technical Sites for Jointness

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TJCSG Transformational Framework



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Scenario Families

	FAMILY	SCENARIOS
Combined Defense Labs	1. Extramural Research	40
	2. Defense Research Lab	9A&B
	3. Human Systems	45, 58
	4. Joint Battlespace "Lab"	20
Integrated RDA&TE Centers	5. Joint Chem-Bio Defense	32, 45
	6. Land Systems	9B, 13, 45
	7. Air Systems (Fixed)	6, 9A
	8. Air Systems (Rotary)	5, 9A
	9. Maritime Systems	31
	10. Space Systems	9A
	11. Weapons & Armaments Systems	18A,B,C,D & E
	12. Energetic Materials	18D
	13. Combined C4ISR	35, 42A&C, 47, 54

Green—Approved to IEC

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Combined C4ISR Centers

- Create Domain Emphasis C4ISR Centers with an Overarching Joint Center
 - Joint Center at Peterson AFB
 - Land Centers at Ft. Belvoir and Adelphi MD
 - Maritime Centers at San Diego and Dahlgren
 - Air Centers at Hanscom and Wright Patterson AFB
 - Specialty Center (underwater) at Newport RI
 - Specialty Test Center at Edwards AFB

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Integrated RDAT&E Centers

Mission Research Center End State

- Co-location, consolidation around larger centers
- Land Systems - Detroit Arsenal & Aberdeen Proving Grounds
- Maritime Systems - Naval Surface Weapons Center Carderock Division & Naval Sea Systems Command Washington Navy Yard
- Space Systems - Kirtland AFB & Los Angeles AFB
- Airborne Systems:
 - Fixed Wing – Wright-Patterson AFB & Patuxent River NAS
 - Rotary Wing – focus around Redstone & Patuxent River NAS
- Weapons - focus around “three major centers”:
 - “Major Centers”
 - China Lake, Eglin AFB, & Redstone Arsenal
 - Retain Specialty sites:
 - Guns - Picatinny & Dahlgren
 - Surface Ship Combat Systems Integration – Dahlgren
 - Retain Energetic Materials work at 4 sites:
 - China Lake, Eglin AFB, Indian Head, Redstone Arsenal

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Today's Candidate Recommendations

Candidates	One Time Cost (M)	Payback Time (years)	NPV (M)	Impacts
Tech 31 Consolidate Sea Vehicle D&A	\$1.71	8	\$1.62 (savings)	Greater Synergy across Sea Vehicle
Tech 18C Integrated Redstone Weapon Center	\$143.8	1	\$1,742	Creates a Major Center at Redstone
Tech 18E Consolidation Navy Strategic T&E at Kings Bay	\$86	7	\$66 (savings)	Navy Nuclear T&E to enhance ATFP

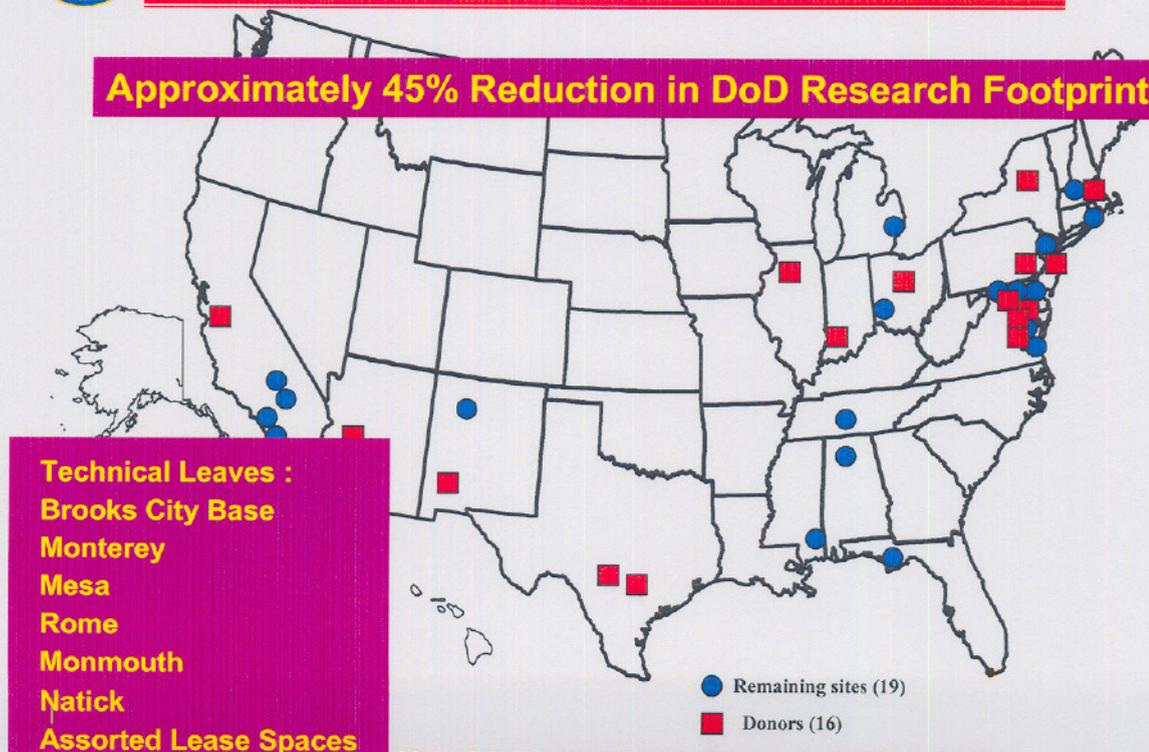
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TJCSG Research End State

Approximately 45% Reduction in DoD Research Footprint



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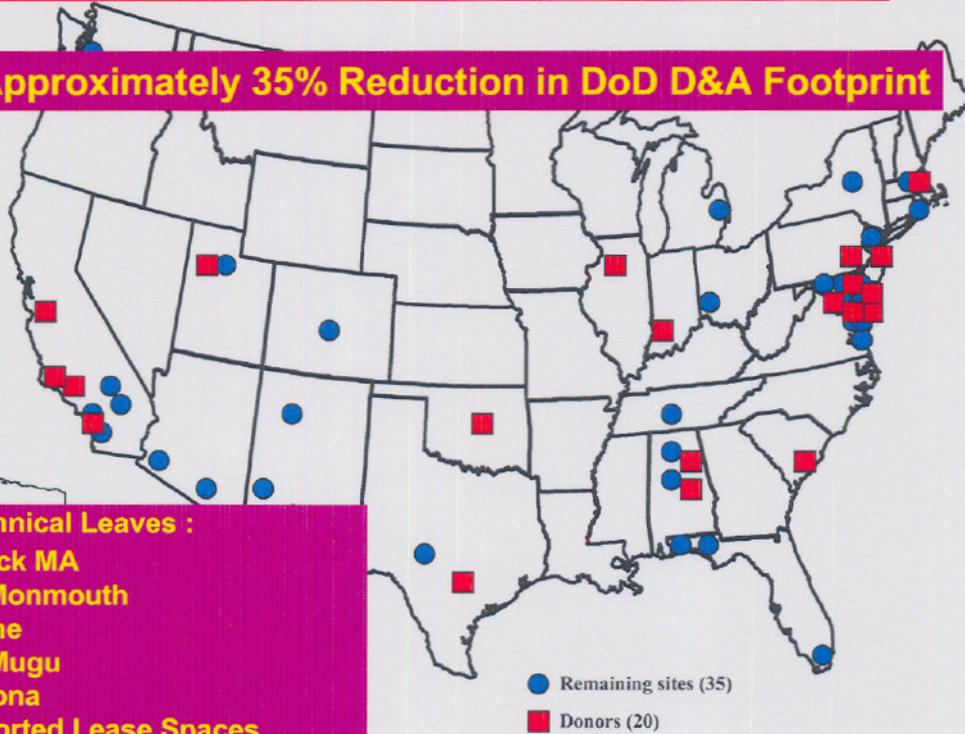
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TJCSG Development & Acquisition End State

Approximately 35% Reduction in DoD D&A Footprint

Technical Leaves :
Natick MA
Ft. Monmouth
Crane
Pt. Mugu
Corona
Assorted Lease Spaces



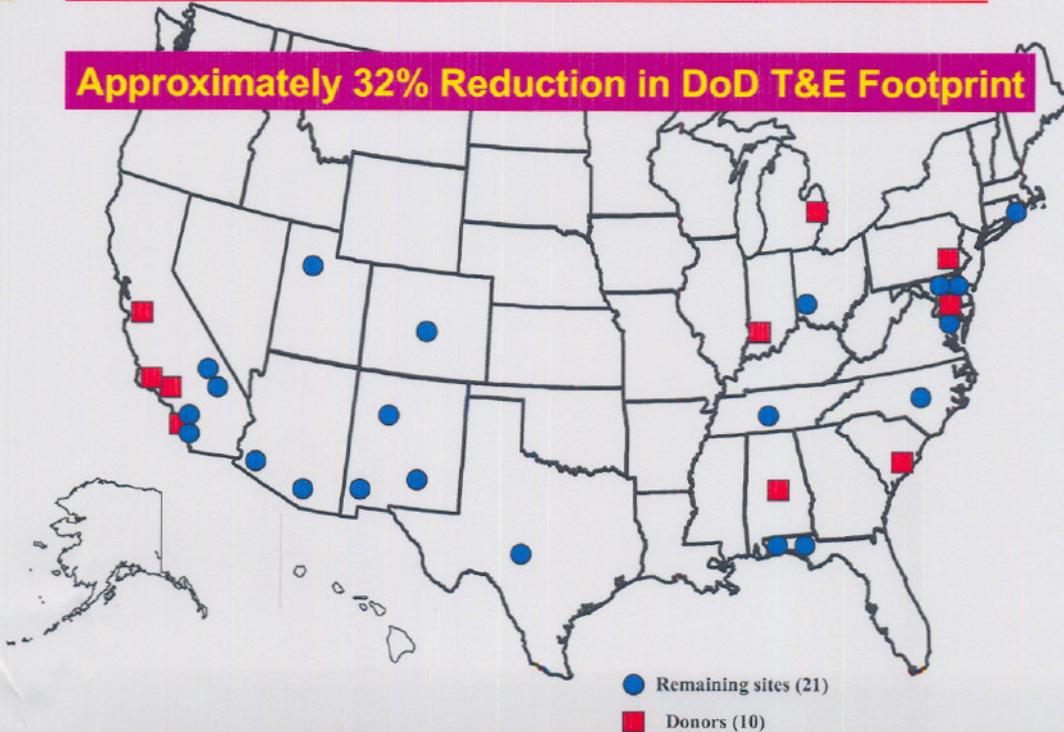
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TJCSG Testing & Evaluation End State

Approximately 32% Reduction in DoD T&E Footprint



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