

BRAC 2005
Technical Joint Cross-Service Group (TJCSG)
Meeting Minutes of 24 September 2004

Dr. Segal chaired the meeting. The agenda is enclosed in attachment 1. The list of attendees is enclosed in attachment 2. Read ahead documentation for the meeting is enclosed in attachment 3. The primary objective for the meeting was to approve the TJCSG Scenario Decision Factors, approve the TJCSG/Service Interface Process, review the ability to measure physical capacity, and to review the Subgroup Proposals. The key points, decisions and action items from the meeting are as follows:

Opening Remarks

Key Points:

- The Capacity Analysis Report is still not final as the data are still coming in.
- Some Subgroup Leads expressed concern over accuracy of the data, although the consensus was the data currently coming is of sufficient quality to support the analysis.

Decisions:

- The TJCSG decided to look at the Analysis Team Data Metric Charts after lunch. However, this was not revisited.
- The TJCSG decided to press with the interim capacity report even though the accuracy of the data is still lacking.

Decision Factors – Col Pete DeSalva

Key Points:

- CIT Service Principals proposed 15 Decision Factors to be considered for each scenario.
- Important to keep accurate records of the voting during the deliberative sessions.
- Need to correlate the Decision Factors with the transformational framework to ensure the TJCSG remains on track with meeting the objectives of the transformational framework.
- LOM runs can begin in early October 2004.
- LOM runs will end during the first week of November 2004.

Decisions:

- Need to change Decision Factor # 13 to read as, “Is the proposal transformative in meeting the 20-Year Force Structure Plan?”
- Need to delete, “i.e. 80/20 guideline” in the Decision Factor #12.

- TJCSG agreed to the 15 Decision Factors with the previous changes.

Transformational Framework

Key Points:

- This was a new topic added as a result of the previous discussion.
- The revised version of the Transformational Framework provided in an e-mail message by Dr. Karen Higgins was discussed by the TJCSG Principals.
- The TJCSG Principals agreed this version was very close to final.
- Mr. Mleziva and Dr. Higgins were tasked to make some modifications to the proposed chart and to come back to present it with the discussed changes. The modified Transformational Framework chart was brought back to the meeting and the Principals agreed this was what they had requested and was suitable for inclusion in the draft version of the ISG.

Dr. Sega departed the meeting at this time to attend the ISG Meeting. Mr. Shaffer chaired the meeting at this point.

TJCSG/Service Interface Process – Mr. Goldstayn

Decisions:

- The TJCSG decided to add a third sub-bullet under the first major bullet on the second slide. “Deemed lower priority than other TJCSG scenarios and therefore time is not available for the TJCSG to run the scenario.”
- Examples will be eliminated from the second chart.

Proposals

Key Points:

- The TJCSG first looked at the list of 22 prioritized TJCSG Ideas generated by the Subgroup Leads and the CIT Service Principals on 8 September 2004.
- Each Subgroup was previously tasked to provide proposals associated with their top idea on the prioritized TJCSG Ideas.

Decisions:

- The TJCSG decided to proceed with having the subgroups generate proposals based on the newly revised Transformational Framework. The subgroups are to produce one scenario per each of the boxes represented on the Transformational Framework chart.
- The TJCSG decided to show “Receivers and Donors” on proposals to be presented to the ISG on 1 October 2004.

Weapons/Armaments Proposals – Dr. Karen Higgins

Decisions:

- The TJCSG tasked the Weapons and Armaments Subgroup to further develop proposals #3A and #11 for the 29 September 2004 TJCSG Meeting. Although #11 resulted as the 11th prioritized TJCSG Idea during the DELPHI process, the TJCSG exercised its authority in choosing this idea for further development as a proposal for the 1 Oct 04 ISG Meeting.

ALSS Proposals – Mr. Thom Mathes

Decisions:

- The TJCSG decided to assign one more member from each service to the ALSS Subgroup in order to assist with the heavy workload ahead.
- The TJCSG tasked them to clean up all five of the proposals for presentation to the TJCSG on 29 September 2004.

Dr. Sega returned from the ISG Meeting and resumed chairing the meeting at this point.

Enabling Technologies Proposals – Dr. Bill Berry

Decisions:

- The TJCSG decided not to present any of the Enabling Technologies proposals at the 1 October 2004 ISG Meeting.
- The TJCSG agreed to have the Enabling Technologies Subgroup, in coordination with the ALSS and Weapons & Armaments Subgroups, analyze the Army Land Combat LCM proposal.

C4ISR Proposals – Mr. Matt Mleziva

Decisions:

- The TJCSG decided to review both C4ISR proposals at the 29 September 2004 TJCSG Meeting.
- Army recommended including human systems/factors/science in the C4ISR proposals. The TJCSG approved the Army recommendation.

Innovative Systems Proposals – Dr. Larry Schuette

Decisions:

- TJCSG decided to present all four Innovative Systems proposals at the 29 September 2004 TJCSG Meeting.

Physical Capacity

Key Points:

- Mr. Wynne tasked the TJCSG to determine for each location that supports the function, an aggregate assessment of the excess capacity of the infrastructure supporting the function. Data was not collected in Data Call #1 to allow the TJCSG to answer this.
- CIT recommended waiting until the Scenario Data Call to collect the data required to be able to answer this question.
- No decision was made.

Action Items:

1. COL DeSalva to update the Decision Factors by making the following change:
 - a. Change the last factor to read, “Is the proposal transformative in meeting the 20 yr Force Structure Plan?”
 - b. Delete, “i.e. 80/20 guideline” in the Decision Factor #12.Present at the next TJCSG Meeting on 29 September 2004.
2. Mr. Goldstain to update the TJCSG/Service Interface Process charts. The changes are as follows:
 - a. Add a third sub-bullet under the first major bullet on the second slide to read, “Deemed lower priority than other TJCSG scenarios and therefore time is not available for the TJCSG to run the scenario.”
 - b. Examples will be eliminated from the second chart.Present at the next TJCSG Meeting on 29 September 2004.
3. Weapons and Armaments Subgroup to further develop proposals 3A, Joint Centers for Conventional Armaments, Option A, and 11, Joint Centers for Weapons & Armaments and Platform Integration. Present these two proposals again at the next TJCSG Meeting on 29 September 2004.
4. ALSS Subgroup to further develop all five of the ALSS proposals presented at the meeting and to present all five proposals again at the next TJCSG Meeting on 29 September 2004.

5. C4ISR Subgroup to further develop the two C4ISR proposals presented at the meeting and to present the two proposals again at the next TJCSG Meeting on 29 September 2004.
6. Innovative Systems Subgroup to further develop all four of the Innovative Systems proposals presented at the meeting and to present them again at the next TJCSG Meeting on 29 September 2004.
7. Mr. Andy Porth to provide an official reading from the OSD BRAC office on the applicability of realignment of C4ISR workload to private industry under the scope of BRAC. Present at the 29 September 2004 TJCSG Meeting.

Next TJCSG Meeting (VTC) is scheduled for Wednesday, 29 September 2004, 0900-1000 hrs EDT, Pentagon VTC Rm 4E987.

Approved: _____


Mr. Al Shaffer
Chairman, Capabilities Integration Team

Attachments:

1. Outline -Agenda
2. List of Attendees
3. Pre-meeting documentation

TJCSG Meeting Agenda

24 Sep 04, 0900-1630

- **Decision Factors**
- **TJCSG/Service Interface Process**
- **Physical Capacity**
- **Proposals**

Attachment 2
Technical JCSG Meeting
September 24, 2004
Attendees

Members:

Dr. Ron Segal, TJCSG Chairman
Mr. Matt Mleziva, Air Force (Alternate for Mr. Blaise Durante)
Dr. J. Foulkes, Army
RADM Jay Cohen, Navy
Dr. Barry Dillon, Marines

Other:

Mr. George Ryan, Navy
Mr. Al Shaffer, CIT Chairman
Dr. John Parmentola, Army
Mr. Al Goldstyan, AF CIT Rep
Dr. Bob Rohde, Army CIT Rep
Dr. Larry Schuette, Navy
COL Pete DeSalva, Marines
Mr. Gary Strack, OSD
Mr. Thom Mathes, Army
Mr. Steve Kratzmeier, Army
Dr. Karen Higgins, Navy
Mr. Roger Florence, OSD IG
Mr. Pete Cahill, Army
Dr. Bill Berry, OSD
Mr. Jerry Schieffer, OSD BRAC
Mr. Brian Simmons, Army
BG Fred Castle, OSD
COL Bob Buckstad, OSD
COL Walt Hamm, Marines CIT Rep
Ms. Marie Felix, OSD
Mr. Don DeYoung, Navy
Dr. Jim Short, OSD
Mr. Andy Porth, OSD

TJCSG Decision Factors

24 September 2004

Deliberative Document – For Discussion Purposes Only – Do Not Release Under FOIA

Task

- Review and finalize scenario recommendation decision factors (DFs)

Deliberative Document – For Discussion Purposes Only – Do Not Release Under FOIA

Background on Recommendation DFs

- Initial intent was to conduct objective data analysis in evaluating proposed scenarios
- Non availability of data with sufficient granularity places analysis more in subjective expert military judgment realm
- Need method to fill in the details where available metric data falls short
- Must maintain consistency with methodology described in earlier reports

Deliberative Document – For Discussion Purposes Only – Do Not Release Under FOIA

Scenario Recommendation DFs

- Deliberations arrived at 15 DFs
- Cover all eight BRAC decision criteria
- Addresses the five attributes used to evaluate military value – each factor tied to one attribute
- Encompass all subjects addressed during first two sessions and all metrics being collected using military value data call

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15 DFs

- See Excel Spreadsheet

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Recommendation Decision Factors - CIT Version

Factor Sequence	CIT Factors	Attribute	Recommendations/Comments	Mission Capability & Operational Readiness	Availability & Condition of Infrastructure	Contingency, Mobilization & Future Total Force Requirements	Cost of Operations & Manpower Implications	Cost & Savings	Economic Impact	Community Impact	Environmental Impact	Other Decision Factors to Consider	Number of Hits
1	Does the gaining location possess "required" terrain/climatic characteristics that are required for the proposal?	Physical Environment		X	X								2
4	Does the gaining location have sufficient "buildable land" to support the proposal, if necessary?	Physical Environment		X	X					X	X		4
2	Does the gaining location have or can obtain necessary licenses and/or permits?	Physical Environment			X		X				X		3
3	Can the gaining location support the proposal within its existing physical structure and equipment?	Physical Structure & Equipment			X		X			X	X		4
5	Does the proposal require moving physical structure(s) or equipment that is extremely costly or impossible to move?	Physical Structure & Equipment		X	X		X	X	X		X		6
	Does this proposal decrease unwarranted redundancy of physical structure and equipment?	Physical Structure & Equipment	Col. Hamm has reservations/concerns with this factor WRT where it will play.	X				X				X	3
	Does the gaining location have or can it obtain the required intellectual capital w/in the BRAC implementation period?	People		X			X		X	X			4
	Does this proposal decrease unwarranted redundancy of technical personnel and/or reduce management overhead?	People		X			X	X	X	X		X	6
	Does this proposal maintain at least two sources of intellectual capital where warranted?	People		X			X	X	X	X		X	6
	Does this proposal increase the synergy between functions and/or across technical capability areas and/or increase jointness?	Synergy		X						X			3
	Does this proposal leverage the technical capabilities of other government activities or the private sector within 60 miles of the gaining location?	Synergy		X	X		X	X	X	X			7
	Does this proposal collocate technical facilities w/mission-related operational forces?	Synergy		X			X	X					4
	Does this proposal enhance capabilities delivered in rapid response to meet operational deficiencies?	Operational Impact	All CIT have reservations/concerns with this factor WRT when/where it will play.	X		X							2
	Does this proposal enhance those technical facilities that provide the preponderance of the functional outputs to operational customers, i.e. 80/20 guideline?	Operational Impact	This part of initial screening and ought not be considered here.	X	X		X	X				X	5
	Is this proposal transformative?	Operational Impact		X				X	X			X	4
Number of Factors				11	7	4	7	6	3	5	4	4	

Proposed TJCSG – Service BRAC

Interface Process

- “Transformation Options” (TOs) provided by the ISG to OSD
 - ISG “Approved” list
- “Ideas” for RDAT&E facilities developed by the TJCSG
- “Proposals” for RDAT&E facilities under the ideas provided from three sources:
 - TJCSG Subgroups
 - TJCSG Principals/Chairman
 - Service BRAC offices
- Disposition of proposals
 - Rejected by the TJCSG with rationale
 - Can be appealed by a service at the ISG level
 - “Registered” with the OSD BRAC office by the TJCSG for evaluation as “scenarios”
 - Endorsed by the TJCSG but returned (with rationale) to the service BRAC offices for further action
 - Resultant service scenarios will be included in the TJCSG report

W&A Scenario 3 Site Selection Strategy

- Use 80% (approximately) of Professional & Technical FY03 FTEs as first cut
 - Kirtland AFB not addressed since they are primarily Directed Energy
 - Ft. Belvoir not addressed [believed data anomaly]
- Validate sites using LOM with Mil Value data when available
- **Core RDAT&E “complexes”** are the locations with high mil value [must be substantiated], and with highest aggregated percentage of P&T [for each service] in all functions.
- **“Specialty capability”** locations are those that contribute unique capabilities that cannot or should not be moved.
- Other locations within the top 80% in a single function that do not meet “Core” or “specialty capabilities” are considered **“Donors”**.
- All other locations that show presence in any function will be considered a “Donor”, however, some may be **incompatible** with core complex strategy or may **not be worthwhile** to consider (e.g., less than 10 P&T FTEs).

Locations from 9/22/04 Supplemental Data; FOUO Draft
 Deliberative Document--For Discussion Purposes Only --
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Scenario 3: Joint Centers for Conventional Armaments-Option A(Idea)

Scenario	Drivers/Assumptions
<p>Combine execution of W&A R, D&A, and T&E into one to several high military value locations</p> <ul style="list-style-type: none"> • Gaining Activities (<i>Reduce the # of core & specialty sites</i>) <ul style="list-style-type: none"> - Joint Core RDAT&E Complexes: Redstone, Eglin, China Lake - Specialty Capability Locations: for example Newport [subs-RDAT&E]; Picatinny [guns/ammunition]; Point Mugu/Port Hueneme [deep water DAT&E]; Panama City [shallow water mines]; Dahlgren [ship/weapon interface]; Indian Head [torpedoes,CAD/PAD] • Donors: <ul style="list-style-type: none"> - Research: Aberdeen, Yuma, CNR, Adelphi, Crane, PAX River - D&A: MDA Colorado, Crane, WSMR, MDA AL, Watervliet, Corona, Aberdeen, Yuma, NAVSEA Syscom, Dam Neck, Hill, Keyport, Wallops, PAX River, Dugway, Adelphi, Edwards, Quantico, Tinker, MDA Alaska, CNR, plus non-specialty capabilities located at specialty locations - T&E: MDA NCR, WSMR, Keyport, Aberdeen, Crane, Hill, Edwards, Corona, Holloman, Yuma, Ft Hood, PAX River, Wallops, Quantico, Dugway, Dam Neck, plus non-specialty capabilities located at specialty locations <p><i>Recommended: group together the Gaining & losing activities & name as “Impacted Facilities located @ these installations”. This information should be placed in lower left hand block under Justification/Impact. If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<ul style="list-style-type: none"> • Core RDAT&E Integrated Complexes would combine like capabilities, not necessarily along service lines <ul style="list-style-type: none"> • Donors may go to other services. • Core complexes may be 3 or less, to be selected from among those proposed <ul style="list-style-type: none"> • Mil Values required to support selections • Core complexes can accommodate growth [space, environment,...] • Specialty Capabilities need further research and coordination with other JCSGs [e.g. E&T]; some may become donors • Core plus specialty must include all required geographic/ climatic conditions for weapons RDAT&E • RDAT&E complexes were selected based on high mil value [must be substantiated], and with highest aggregated percentage of P&T [for each service] in all functions. <ul style="list-style-type: none"> • Locations with less than 10 FTEs were not addressed (Monterey (12 in Research) also not addressed). <p><i>(not the proper format – refer to ALSS format)</i></p>
<h3>Justification/Impact</h3> <ul style="list-style-type: none"> • Establishes Core RDAT&E Integrated Complexes and improves life cycle management • Eliminates (<i>reduces</i>) duplication • Preserves Specialty capabilities <p>Locations from 9/22/04 Supplemental Data; FOUO Draft Deliberative Document--For Discussion Purposes Only --</p>	<h3>Potential Conflicts</h3> <ul style="list-style-type: none"> • Coordination with other TJCSG subgroups and with E&T [T&E subgroup] required <i>and Industrial</i> • Could disrupt platform integration depending on ALSS scenarios • <i>Industrial, Supply & Log JCSGs</i> <p>Locations from 9/22/04 Supplemental Data; FOUO Draft Deliberative Document--For Discussion Purposes Only --</p>

Scenario 3: Joint Centers for Conventional Armaments-Option B(Idea)

<p align="center">Scenario</p> <p>Realign execution of W&A R, D&A, and T&E into one high military value location in each service</p> <ul style="list-style-type: none"> • Gaining Activities (<i>Reduce the # of core & specialty</i>) <ul style="list-style-type: none"> - Service-Aligned RDAT&E Complexes: Redstone [Army], Eglin [AF], China Lake [Navy] - Specialty Capability Locations: Newport [sub-RDAT&E]; Picatinny [guns/ammo]; Pt Mugu/Port Hueneme [deep water DAT&E]; Panama City [shallow water mines]; Dahlgren [ship/wpn interface]; Indian Hd [torpedoes,CAD/PAD] • Donors: <ul style="list-style-type: none"> - Research: <u>Army</u>-Aberdeen, Yuma, Adelphi; <u>Navy</u>-CNR, Crane, PAX River - D&A: <u>Defense Agencies</u>: MDA Colorado, MDA Alabama, MDA Alaska; <u>Army</u>-WSMR, Watervliet, Aberdeen, Yuma, Dugway, Adelphi; <u>Navy</u>-Crane, Corona, CNR, Quantico, NAVSEA Syscom, Dam Neck, Keyport, Wallops, PAX River; <u>Air Force</u>- Edwards, Hill, Tinker; plus non-specialty capabilities located at specialty locations - T&E: <u>Defense Agencies</u>-MDA NCR; <u>Army</u>-WSMR, Aberdeen, Yuma, Ft Hood, Dugway; <u>Navy</u>- Keyport, Crane, Corona, PAX River, Wallops, Quantico, Dam Neck ; <u>Air Force</u>-Hill, Edwards, Holloman, plus non-specialty capabilities located at specialty locations <p><i>Recommended: group together the Gaining & Losing Activities & name as "Impacted Facilities located @ these Installations". This information should be placed in lower left hand block under Justification/Impact. Do not. This might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p align="center">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Core RDAT&E Integrated Complexes would combine like capabilities, along service lines. <ul style="list-style-type: none"> • Donors will go to their respective Service • 3 Core complexes <ul style="list-style-type: none"> • Mil Values required to support selections • Core complexes can accommodate growth [space, environment,...] • Defense Agencies move to service installations • Specialty Capabilities need further research and coordination with other JCSGs [e.g. E&T]; some may become donors • Core plus specialty must include all required geographic/ climatic conditions for weapons RDAT&E • RDAT&E complexes were selected based on high mil value [must be substantiated], and with highest aggregated percentage of P&T [for each service] in all functions. • Locations with less than 10 FTEs were not addressed (Monterey (12 in research) also not addressed). <p><i>not the proper format – refer to ALSS format</i></p>
<p align="center">Justification/Impact</p> <ul style="list-style-type: none"> • Establishes RDAT&E Integrated Complexes along Service lines and improves life cycle management • Eliminates (Reduces) duplication • Preserves Specialty capabilities 	<p align="center">Potential Conflicts</p> <ul style="list-style-type: none"> • Coordination with other TJCSG subgroups and with E&T [T&E subgroup] required • Could disrupt platform integration depending on ALSS scenarios • Industrial JCSGs
<p align="center">Locations from 9/22/04 Supplemental Data; FOUO Draft Deliberative Document--For Discussion Purposes Only -- Not Releasable Under FOIA</p>	

Scenario 3: Joint Centers for Conventional Armaments-Option C(Idea)

<p align="center">Scenario</p> <p>Combine execution of R, D&A, and T&E into multi-service mission area based centers (A-A, A-G, G-X)</p> <p>Gaining Activities ?</p> <ul style="list-style-type: none"> - Core RDAT&E Complexes: - Specialty Capability Locations: <p>Donors:</p> <ul style="list-style-type: none"> - Research: - D&A: - T&E: 	<p align="center">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Data call required to define this scenario: sub-DTAP level data is needed to identify missions performed at each location <p><i>not the proper format – refer to ALSS format</i></p>
<p align="center">Justification/Impact</p> <ul style="list-style-type: none"> • Establishes Joint or multi-Service Mission Area RDAT&E Integrated Complexes. • Improves life cycle management • Eliminates duplication • Preserves Specialty capabilities 	<p align="center">Potential Conflicts</p> <ul style="list-style-type: none"> • Coordination with other TJCSG subgroups and with E&T [T&E subgroup] required
<p align="center">Locations from 9/22/04 Supplemental Data; FOUO Draft Deliberative Document--For Discussion Purposes Only -- Not Releasable Under FOIA</p>	

Scenario 1: Joint Centers for Directed Energy-Option A(Idea) AF proposal?

<p style="text-align: center;">Scenario</p> <p>Combine execution of Directed Energy R, D&A, and T&E into one core military value locations</p> <p>Gaining Activities</p> <ul style="list-style-type: none"> - Core RDAT&E Complex: Kirtland - Specialty Capability Locations: ? <p>Donors:</p> <ul style="list-style-type: none"> - Research: - D&A: - T&E: 	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Data call required to define this scenario: sub-DTAP level data is needed to identify missions performed at each location • Core RDAT&E Integrated Complex would combine like capabilities, not necessarily along service lines <ul style="list-style-type: none"> • Donors may go to other services. • One core complex to be selected from among those proposed <ul style="list-style-type: none"> • Mil Values required to support selection • Core complexes can accommodate growth [space, environment, ...] • Specialty Capabilities need further research and coordination with other JCSGs [e.g. E&T]; some may become donors • Core plus specialty must include all required geographic/ climatic conditions for directed energy RDAT&E <p>(not the proper format – refer to ALSS format)</p>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Establishes Core RDAT&E Integrated Complex • Improves life cycle management • Eliminates duplication • Preserves Specialty capabilities <p style="text-align: center;">Locations from 9/22/04 Supplemental Data; FOUO Draft Deliberative Document--For Discussion Purposes Only -- Not Releasable Under FOIA</p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Coordination with other TJCSG subgroups and with E&T [T&E subgroup] required • Requires access to classified information

Scenario 1: Joint Centers for Directed Energy-Option B(Idea)

<p style="text-align: center;">Scenario</p> <p>Realign execution of Directed Energy R, D&A, and T&E into one high military value location in each service</p> <p>Gaining Activities</p> <ul style="list-style-type: none"> - Service-Aligned RDAT&E Complexes: Kirtland [AF], TBD [Army], TBD [Navy] - Specialty Capability Locations: <p>Donors:</p> <ul style="list-style-type: none"> - Research: - D&A: - T&E: 	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Data call required to define this scenario: sub-DTAP level data is needed to identify missions performed at each location • Core RDAT&E Integrated Complexes would combine like capabilities, along service lines. <ul style="list-style-type: none"> • Donors will go to their respective Service • 3 Core complexes <ul style="list-style-type: none"> • Mil Values required to support selections • Core complexes can accommodate growth [space, environment, ...] • Defense Agencies move to Service installations • Specialty Capabilities need further research and coordination with other JCSGs [e.g. E&T]; some may become donors • Core plus specialty must include all required geographic/ climatic conditions for weapons RDAT&E <p>(not the proper format – refer to ALSS format)</p>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Establishes RDAT&E Integrated Complexes along Service lines • Improves life cycle management • Eliminates duplication • Preserves Specialty capabilities <p style="text-align: center;">Locations from 9/22/04 Supplemental Data; FOUO Draft Deliberative Document--For Discussion Purposes Only -- Not Releasable Under FOIA</p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Coordination with other TJCSG subgroups and with E&T [T&E subgroup] required • Requires access to classified information

Scenario 1: Joint Centers for Directed Energy-Option C(Idea)
(Subset of Option A)

<p style="text-align: center;">Scenario</p> <p>Combine execution of Directed Energy R, D&A, and T&E into technology area centers (HEL and HPM)</p> <p>Gaining Activities</p> <ul style="list-style-type: none"> - HEL Technology Area Center: - HPM Technology Area Center: - Specialty Capability Locations: <p>Donors:</p> <ul style="list-style-type: none"> - Research: - D&A: - T&E: 	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Data call required to define this scenario: sub-DTAP level data is needed to identify missions performed at each location • RDAT&E Integrated Technology Centers would combine like capabilities, not necessarily along service lines <ul style="list-style-type: none"> • Donors may go to other services. • Technology Center(s) may be 1 or more to be selected from among those proposed <ul style="list-style-type: none"> • Mil Values required to support selections • Core complexes can accommodate growth [space, environment,...] • Specialty Capabilities need further research and coordination with other JCSCGs [e.g. E&T]; some may become donors • Core plus specialty must include all required geographic/ climatic conditions for weapons RDAT&E <p>(not the proper format – refer to ALSS format)</p>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Establishes Integrated Technology Centers • Improves life cycle management • Eliminates duplication • Preserves Specialty capabilities 	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Coordination with other TJCSG subgroups and with E&T [T&E subgroup] required • Requires access to classified information

Locations from 9/22/04 Supplemental Data; FOUO Draft
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Scenario 11: Joint Centers for Weapons & Armaments and Platform Integration (Idea)
(Need to look at complete package)

<p style="text-align: center;">Scenario</p> <p>Combine weapon system platform integration, targeting, mission planning, and W&A R, D&A, and T&E into joint centers</p> <ul style="list-style-type: none"> • Gaining Activities(Reduce the # of core & specialty) <ul style="list-style-type: none"> - Joint Core RDAT&E Complexes: Redstone, Eglin, China Lake - Specialty Capability Locations: for example Newport [subs-RDAT&E]; Picatinny [guns/ammunition]; Point Mugu/Port Hueneme [deep water DAT&E]; Panama City [shallow water mines]; Dahlgren [ship/weapon interface]; Indian Head [torpedoes,CAD/PAD] • Donors: <ul style="list-style-type: none"> - Research: Aberdeen, Yuma, CNR, Adelphi, Crane, PAX River - D&A: MDA Colorado, Crane, WSMR, MDA AL, Watervliet, Corona, Aberdeen, Yuma, NAVSEA Syscom, Dam Neck, Hill, Keyport, Wallops, PAX River, Dugway, Adelphi, Edwards, Quantico, Tinker, MDA Alaska, CNR, plus non-specialty capabilities located at specialty locations - T&E: MDA NCR, WSMR, Keyport, Aberdeen, Crane, Hill, Edwards, Corona, Holloman, Yuma, Ft Hood, PAX River, Wallops, Quantico, Dugway, Dam Neck, plus non-specialty capabilities located at specialty locations <p>Note: Other donors TBD from ALSS</p> <p><i>Recommended: group together the Gaining & Losing Activities & rename as "Impacted Facilities located @ these Installations". This information should be placed in lower left hand block under Justification/Impact.</i></p> <p><i>If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Data call required to define this scenario: sub-DTAP level data is needed to identify platform integration at each ALSS and W&A location • Core RDAT&E Integrated Complexes would combine like capabilities, not necessarily along service lines <ul style="list-style-type: none"> • Donors may go to other services. • Core complexes may be 3 or less, to be selected from among those proposed <ul style="list-style-type: none"> • Mil Values required to support selections • Core complexes can accommodate growth [space, environment,...] • Specialty Capabilities need further research and coordination with other JCSCGs [e.g. E&T]; some may become donor • Core plus specialty must include all required geographic/ climatic conditions for weapons RDAT&E • RDAT&E complexes were selected based on high mil value [must be substantiated] and with highest aggregated percentage of P&T [for each service] in all functions. • Locations with less than 10 FTEs were not addressed (Monterey (12 in Research) also not addressed). <p>(not the proper format – refer to ALSS format)</p>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Systems Integration Lab approach to weapons/platform integration • Most efficient way to ensure platform/weapons compatibility • Provides clear responsibility for integration • Establishes Core joint RDAT&E Integrated Complexes • Improves life cycle management • Preserves Specialty capabilities, while eliminating duplication • Army and Navy experience indicates integration is better accomplished by weapons community (especially for in-service platforms) 	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Coordination with other TJCSG subgroups and with E&T [T&E subgroup] required • Possible business model change for AF, particularly for new aircraft programs • Currently, sometimes the platform is responsible for integration and sometimes the weapon is

Locations from 9/22/04 Supplemental Data; FOUO Draft
 Deliberative Document--For Discussion Purposes Only --
 Not Releasable Under FOIA



#1 - Air, Land, Sea & Space Scenario (Idea)

Army: Does this include fixed, rotary & UAV.

Scenario	Drivers/Assumptions
<p>Justification/Impact</p> <ul style="list-style-type: none"> ■ Create Joint Center (s) for Air Platforms R, D&A, and T&E <p>■ Promotes synergy and efficiencies across the spectrum of functions involved in air platform R, D&A, and T&E</p> <p>■ Provides opportunity for consolidation of similar work across Services</p> <p>■ Receiver sites: PAX, WP & Edwards</p> <p>■ Donator sites: Redstone, Hill, Tinker, Warner Robins, Kirtland, McGuire, Ft. Rucker, Ft. Eustis, et all.</p> <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p>Potential Conflicts</p> <ul style="list-style-type: none"> ■ Principles: <i>need to site the #</i> ■ Transformational Options: <i>need to site the #</i> ■ Other: Analysis based upon LOM <p>■ Influence of OAR on the T&E function.</p> <p>■ T&E execution spans multiple sites, some of which are not feasible for relocation, e.g., AEDC.</p> <p>■ Conflicts with service business models/organizational structure.</p>



#1 - Air, Land, Sea & Space Scenario (Idea)

Scenario	Drivers/Assumptions
<p>Justification/Impact</p> <ul style="list-style-type: none"> ■ Create Joint Centers for Fixed Wing Air Platforms R, D&A, and T&E <p>■ Promotes synergy and efficiencies across the spectrum of functions involved in fixed wing air platform R, D&A, and T&E</p> <p>■ Provides opportunity for consolidation of similar work across Services</p> <p>■ Receiver sites: PAX, WP & Edwards</p> <p>■ Donator sites: Redstone, Hill, Warner Robins, Tinker, Kirtland, Ft. Rucker, Ft. Eustis, et all.</p> <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p>Potential Conflicts</p> <ul style="list-style-type: none"> ■ Principles: <i>need to site the #</i> ■ Transformational Options: <i>need to site the #</i> ■ Other: Analysis based upon LOM and Expert Military Judgment <p>■ Influence of OAR on the T&E function</p> <p>■ T&E execution spans multiple sites, some of which are not feasible for relocation, e.g., AEDC</p> <p>■ Conflicts with service business models/organizational structure</p>



#1 - Air, Land, Sea & Space Scenario (*Idea*)

Scenario	Drivers/Assumptions
<ul style="list-style-type: none"> ■ Create Joint Centers for Rotary Wing Air Platforms R, D&A, and T&E 	<ul style="list-style-type: none"> ■ Principles:<i>need to site the #</i> ■ Transformational Options:<i>need to site the #</i> ■ Other: Analysis based upon LOM and Expert Military Judgment
Justification/Impact	Potential Conflicts
<ul style="list-style-type: none"> ■ Promotes synergy and efficiencies across the spectrum of functions involved in rotary wing air platform R, D&A, and T&E ■ Provides opportunity for consolidation of similar work across Services ■ Receiver sites: PAX & Redstone ■ Donator sites: WP, Warner Robins, Kirtland, Ft. Rucker, Ft. Eustis, et all. <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<ul style="list-style-type: none"> ■ Influence of OAR on the T&E function ■ T&E execution spans multiple sites, some of which are not feasible for relocation, e.g., AEDC ■ Conflicts with Navy's business model/organizational structure



#1 - Air, Land, Sea & Space Scenario(*Idea*)

Scenario	Drivers/Assumptions
<ul style="list-style-type: none"> ■ Create Joint Centers for Air Platforms <i>for Rotary Wing</i> R and D&A <i>(Should be a subset Idea #3)</i> 	<ul style="list-style-type: none"> ■ Principles:<i>need to site the #</i> ■ Transformational Options:<i>need to site the #</i> ■ Other: Analysis based upon LOM
Justification/Impact	Potential Conflicts
<ul style="list-style-type: none"> ■ Promotes synergy and efficiencies across the spectrum of functions involved in air platform R and D&A ■ Provides opportunity for consolidation of similar work across Services ■ Receiver sites: PAX & WP ■ Donator sites: Redstone, Hill, McGuire, Tinker, Warner Robins, Edwards, Kirtland, Rucker, Ft. Eustis, et all. <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<ul style="list-style-type: none"> ■ Influence of OAR on the T&E function ■ T&E execution spans multiple sites, some of which are not feasible for relocation, e.g., AEDC. ■ Conflicts with service business models/organizational structures



#1 - Air, Land, Sea & Space Scenario(*Idea*)

Scenario	Drivers/Assumptions
<p>■ Create Joint Centers for Fixed Wing Air Platforms R and D&A <i>(Should be a subset of Idea #2)</i></p> <p>Justification/Impact</p> <ul style="list-style-type: none"> ■ Promotes synergy and efficiencies across the spectrum of functions involved in air platform R and D&A ■ Provides opportunity for consolidation of similar work across Services ■ Receiver sites: PAX & WP ■ Donator sites: Redstone, Hill, Warner Robins, Tinker, McGuire, Edwards, et all. <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p>■ Principles: <i>need to site the #</i></p> <p>■ Transformational Options: <i>need to site the #</i></p> <p>■ Other: Analysis based upon LOM and Expert Military Judgment</p> <p>Potential Conflicts</p> <ul style="list-style-type: none"> ■ Influence of OAR on the T&E function ■ T&E execution spans multiple sites, some of which are not feasible for relocation, e.g., AEDC. ■ Conflicts with service business models/organizational structure



Joint CB Defense RD&A Center

<p style="text-align: center;">Scenario</p> <p>Consolidate all CB R+D&A transfer to a <u>maximum of two</u> (to a reduced number of) sites and maintain at least one Bio Safety Level 4 facility</p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • PL103-160 mandates a single CB defense Program • Planning and financial consolidation in FY1995 • Single Joint Requirements Office as of FY2004 • Program has a Joint acquisition program PEO • Research is cross-cutting and supports all Military Services • R&D output (products) are ubiquitous to all MilDeps <i>(not the proper format - refer to ALSS format)</i>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Supports DoD-wide coordination of CB Defense and minimizes proliferation of performers outside of the original 1995-PL 103-160 framework • <u>Receivers:</u> Ft. Detrick, Aberdeen Proving Ground -Edgewood Area • <u>Donors:</u> WRAIR, Fort Leonard Wood, Dugway, Natick SSC, NMRC, NSWC-Dahlgren, NRL, Crane, SPAWARSC-Charleston, Quantico MB, Pax River NB, Kirtland AFB, WPAFB, Brooks CB, Tyndall AFB <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Ability to retain synergy with other DTAP activities (e.g., protection RD&A under Human Systems) • Medical JCSG scenarios for medical RD&A • Environmental concerns/permitting will most likely require this to be at a minimum of 2 sites (i.e., Bio Safety 4 facility site and a chemical surety facility site)

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Joint CB Defense T&E Center

<p style="text-align: center;">Scenario</p> <p>All CB T&E to one site</p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • PL103-160 mandates a single CB defense Program • Planning and financial consolidation in FY1995 • Single Joint Requirements Office as of FY2004 • Supports the single Joint acquisition program PEO <i>(not the proper format - refer to ALSS format)</i>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Supports DoD-wide coordination of CB Defense original 1995-PL 103-160 framework • <u>Receivers:</u> Dugway Proving Ground • <u>Donors:</u> Aberdeen Proving Ground, Kirtland AFB, Ft. Hood, Patrick AFB, Fort Huachuca, Eglin AFB <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Environmental concerns/permitting require that both chemical surety and biosafety be accommodated at the one site

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Joint Battlespace Environments RD&A Center

<p style="text-align: center;">Scenario</p> <p>Consolidate all BE R+D&A at <u>one</u> (to a reduced number of) sites</p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Complementary research skills and efforts in terrestrial, maritime, and space • Common product from research base: science based models, software • Product output of both research and D&A will be optimized for "Joint" <i>(not the proper format – refer to ALSS format)</i>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Supports DoD-wide coordination for JC4ISR • Receivers: NRL-Stennis • Donors: NRL-Monterrey, NAVPCSCOL (Monterrey), NRL-Washington, SPAWARSC-San Diego, Hanscom AFB, ARL-Adelphi, Kirtland AFB, Redstone Arsenal, Pax River, Hill AFB, Eglin AFB, Tyndall AFB, Army COE-TEC, Army COE-CRRL –(Army COE can not be considered) <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • NASA's consolidation could affect Stennis consolidation option • Any potential options (OpsJCSG) for NAVO/METOC Operations consolidation will affect a one-site BE-TJCSG option

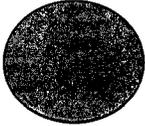
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Joint Battlespace Environments T&E Center

<p style="text-align: center;">Scenario</p> <p>Consolidate all BE T&E at <u>one</u> (to a reduced number of) site</p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Complementary T&E skills and efforts in terrestrial, maritime, and space • Common product from RD&A: models, software • Supports transition of product output from D&A (i.e., optimized for "Joint") <i>(not the proper format – refer to ALSS format)</i>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Supports DoD-wide coordination for JC4ISR • Receivers: One from "Donors" • Donors: WSMR, Edwards AFB, Ft. Hood, Pax, Hanscom AFB, Eglin AFB <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Weather product testing may be somewhat different from oceanographic product testing • NASA's consolidation could affect Stennis consolidation option • Any potential options for NAVO/METOC Operations consolidation will affect a one-site BE-TJCSG option

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Joint Medical RD&A Center

(Army – Why is this created- doesn't this belong to MJCSG?)

<p style="text-align: center;">Scenario</p> <p>Realign and consolidate all medical (biomedical DTAP +) R+D&A and transfer to a <u>maximum</u> (reduced number of) of four military base sites</p> <p>[Note: Medical CB Defense is covered by Joint CB Defense Center Proposal]</p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Planning and financial consolidation supports ASD(HA) and Force Health Protection DoD-wide • Research is cross-cutting and supports all Military Services • R&D output (licensed medical products) are ubiquitous to all MilDeps <i>(not the proper format – refer to ALSS format)</i>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Supports DoD-wide coordination of medical/Force Health Protection and PRD-5 • Minimizes duplication of HQ staffs and optimizes use of critical military professional personnel • Receivers: Walter Reed, Fort Sam Houston +2 • Donors: Ft. Rucker, USARIEM-Natick, NMRC, NHRC, Quantico MB, Pax River NB, Kirtland AFB, WPAFB, Brooks CB, CNR,NavDIVU-Panama City,WSMR,Tinker AFB,Keesler AFB,NAVPGSCOL,NRL,TAMC <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Linkage to unique occupational health problems of the Military Services • Medical JCSG scenarios for medical RD&A • Center has to be configured to allow detachments located at customer sites (e.g., aeromedical near flight lines and/or training centers)



Establish Joint C4ISR Integration Center(s) with Combined Centers for C4ISR Land, Air/Space, and Maritime (Proposal 1) (Idea 1)
Army believes that this idea should be rewritten as 4 pieces as the following: HQ, Land, Air/Space & Maritime, AF & Navy believes this still needs additional work

<p align="center">Scenario</p> <ul style="list-style-type: none"> <input type="checkbox"/> Combine, using the LOM, C4ISR RDAT&E facilities into Land, Air/Space and Maritime Centers with MILDEP leadership under a Jointly staffed Management Headquarters. Includes both Information Systems and Sensors, EW and Electronic Systems. Primary organizations Involved include AFRL, ARL, NRL, CERDEC, CECOM, SPAWAR, and ESC; however many others also included <input type="checkbox"/> Gaining Activities: TBD when LOM data available <input type="checkbox"/> Losing Activities: TBD when LOM data available <p><i>Recommended: group together the Gaining & Losing Activities & rename as "Impacted Facilities located @ these installations". This information should be placed in lower left hand block under Justification/Impact. If not, this might be perceived as pie selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p align="center">Drivers/Assumptions</p> <ul style="list-style-type: none"> <input type="checkbox"/> Joint Management Headquarters responsible for DAT&E of Enterprise-Wide C4ISR Systems (e.g. NCES, GIG-BE, GCCS, GCSS, and JTRS) - includes JPEOs and staffs for unity of Management <input type="checkbox"/> MILDEPs responsible for all Research and DAT&E of domain-unique, non-Enterprise wide C4ISR Systems <input type="checkbox"/> Organizations Performing Fundamental Research are in Combined DOD Enabling Technology Center(s); remaining Research (C4ISR) in C4ISR Center(s) (not the proper format – refer to ALSS format)
<p align="center">Justification/Impact</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supports "cross-Service utilization", "interoperability" and "joint management" transformation <input type="checkbox"/> Joint systems are born and managed jointly <input type="checkbox"/> Reduces number of C4ISR RDAT&E Technical Facilities <input type="checkbox"/> Builds on proven RDAT&E models & capabilities <p align="center"><i>Transforming Through Base Realignment and Closure</i></p> <p><i>(What is a proven model – since this is a unique concept?)</i></p>	<p align="center">Potential Conflicts</p> <ul style="list-style-type: none"> <input type="checkbox"/> If Joint C4ISR Integration Center(s) established in Washington DC area, coordination with H&SATJCSG required <input type="checkbox"/> Conflict would exist if Combined DOD Enabling Technology Center(s) goes beyond Fundamental research <input type="checkbox"/> No others known at this time



Establish Joint C4ISR Integration Center(s) with Combined Centers for C4ISR Land, Air/Space, and Maritime (Proposal 2) (Idea 2)
Army, AF & Navy believes this still needs additional work

<p align="center">Scenario</p> <p>Combine, using the LOM, C4ISR RDAT&E facilities into Land, Air/Space and Maritime Centers with MILDEP leadership under a Jointly staffed Management Headquarters. Includes both Information Systems and Sensors, EW and Electronic Systems. Primary organizations Involved include AFRL, ARL, NRL, CERDEC, CECOM, SPAWAR, and ESC; however many others also included</p> <ul style="list-style-type: none"> <input type="checkbox"/> Gaining Activities: TBD when LOM data available <input type="checkbox"/> Losing Activities: TBD when LOM data available <p><i>Recommended: group together the Gaining & Losing Activities & rename as "Impacted Facilities located @ these installations". This information should be placed in lower left hand block under Justification/Impact. If not, this might be perceived as pie selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p align="center">Drivers/Assumptions</p> <ul style="list-style-type: none"> <input type="checkbox"/> Joint Management Headquarters responsible for (a) all Research and (b) DAT&E of all C4ISR systems except for those designated Domain-Unique <input type="checkbox"/> MILDEPs responsible for DAT&E of domain-unique C4ISR Systems <input type="checkbox"/> Organizations Performing Fundamental Research are in Combined DOD Enabling Technology Center(s); remaining Research (C4ISR) in C4ISR Center(s) (not the proper format – refer to ALSS format)
<p align="center">Justification/Impact</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supports "cross-Service utilization", "interoperability" and "joint management" transformation <input type="checkbox"/> Joint systems are born and managed jointly <input type="checkbox"/> Reduces number of C4ISR RDAT&E Technical Facilities <input type="checkbox"/> Builds on proven RDAT&E models & capabilities <p align="center"><i>Transforming Through Base Realignment and Closure</i></p> <p><i>(What is a proven model – since this is a unique concept?)</i></p>	<p align="center">Potential Conflicts</p> <ul style="list-style-type: none"> <input type="checkbox"/> If Joint C4ISR Integration Center(s) established in Washington DC area, coordination with H&SATJCSG required <input type="checkbox"/> Conflict would exist if Combined DOD Enabling Technology Center(s) goes beyond Fundamental research <input type="checkbox"/> No others known at this time

Collocated Basic Research Offices (*Idea*)

(send back for clarification –extramural or intramural?)

<p style="text-align: center;">Scenario</p> <p>Collocate all program management organizations for <u>MFP 6.1 funds</u> (basic research 6.1 funds in MFP 6) except medical and chemical-biological defense</p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Complementary science KSAs and research management skills • Knowledge is a common product useful to all DTAP recipients • Supports transition of basic research to “Combined Centers” (not the proper format – refer to ALSS format)
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Supports DoD-wide coordination for basic research • Supports Force Protection/anti-terrorism goals • Similar to HSA-JCSG scenario proposal • <u>Receiver</u>: Collocate on a military base in MDW/NCR • <u>Donors</u>: ARL-ARO, ONR, AFRL-AFOSR, DARPA <p><i>Recommended: group together the Receiver & Donator sites & rename it as “Impacted Facilities located @ these installations”. If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Intra-government plans for GSA developed leased space (i.e., GSA Ballston new building for ONR & AFOSR & OSD-LABS) <p>Easy to do – minimal impact HSA suggesting similar scenario</p>

Joint Basic Research Office (*Idea*)

<p style="text-align: center;">Scenario</p> <p>Consolidate all program management (<i>execution</i>) organizations for <u>MFP 6.1 funds</u> (basic research 6.1 funds in MFP 6) except medical and chemical-biological defense</p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Complementary science KSAs and research management skills • Knowledge is a common product useful to all DTAP recipients • Supports transition of basic research to “Combined Centers” (not the proper format – refer to ALSS format)
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Supports DoD-wide coordination for basic research • Supports Force Protection/anti-terrorism goals • Similar to HSA-JCSG scenario proposal • <u>Receiver</u>: A location on a military base in MDW/NCR • <u>Donors</u>: ARL-ARO, ONR, AFRL-AFOSR, DARPA <p><i>Recommended: group together the Receiver & Donator sites & rename it as “Impacted Facilities located @ these installations”. If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Current management/structural algorithms of MilDeps • Intra-government plans for GSA developed leased space (i.e., GSA Ballston new building for ONR & AFOSR & OSD-LABS) <p style="text-align: center;">Requires Legislation Provides good coordination of 6.1 funding</p>

Joint Science & Technology Program Office(Idea)

<p style="text-align: center;">Scenario</p> <p>Realign and consolidate all Program Management (i.e., plan, program, budget) organizations for MFP 6.1 – 6.3 funds in MFP 6</p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Collocation (consolidate) of program management will reduce risk of duplication • Collocation increases Jointness opportunities • Program oversight/enhance (not the proper format – refer to ALSS format)
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Supports DoD-wide coordination for research • Receiver: A location on a military base in MD/WNCR • Donors: TBD by InnovSys (e.g., SAALT-ZT, RDECOM HQ, ARL-ARO, USA MRMC HQ,, Army ERDC HQ, ARI HQ, ONR, SAF-AQR, AFRL-HQ, DDR&E, DARPA, DTRA, MDA, NGA). <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Current management/structural algorithms of MilDeps • Intra-government plans for GSA developed leased space (i.e., GSA Ballston new building for ONR & AFOSR & OSD-LABS) (clarification – who will be in charge of intramural) • Law Change <p style="text-align: center;">Much harder – requires careful look at personnel. Would coordinate Extramural 6.1, 6.2, 6.3</p>

Defense Science and Technology Laboratory(Idea)

(Army recommended 6.1A or extramural programs)

<p style="text-align: center;">Scenario</p> <p>Realign and consolidate MFP 6.1 and generic 6.2 research (comparable to the Navy's D&I -delete) to a maximum of two (reduced number of) locations.</p>	<p style="text-align: center;">Drivers/Assumptions</p> <ul style="list-style-type: none"> • Produces science for multiple applications • Enhances Synergy across disciplines • Born Joint <p><i>(not the proper format – refer to ALSS format)</i></p>
<p style="text-align: center;">Justification/Impact</p> <ul style="list-style-type: none"> • Supports transformational goals • Reduces excess and unneeded infrastructure? • Receiver: Minimize to the number of sites that provides maximum synergy across research areas. • Donors: MFP 6.1 - 6.2 performing sites (NRL, ARL, AFRL) <p><i>Recommended: group together the Receiver & Donator sites & rename it as "Impacted Facilities located @ these installations". If not, this might be perceived as pre selection. Or keep it the way it is but state that this is pending on the results from data calls</i></p>	<p style="text-align: center;">Potential Conflicts</p> <ul style="list-style-type: none"> • Current management/structural algorithms of MilDeps • Potential detriment to synergy within the DTAP for those installations with collocated functions (I.e. R, D&A, T&E) • Requires Logistics <p style="text-align: center;">Difficult but high payoff (delete) Would co-locate (generic) 6.1 and non-platform (generic) specific 6.2. Would require OSD funding vice service funding</p>

Measuring Physical Capacity

24 September 2004

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OSD BRAC Office Tasking

- Determine how much infrastructure is excess – if facility burned down, how much would you need to replace it?

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Determining Required Physical Infrastructure Requirement

- Existing data does not yield any defensible standards for sq ft and/or FTEs for technical facilities
- Unable to determine method to identify excess in physical capacity in a general sense
 - No consistency within any bin; vertically within a capability area; or horizontally across capability areas for a function
- Only able to do so when put in context of a scenario – post 11/15

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Technical Facilities

- Tech facilities are designed for specific purpose and can only be meaningfully compared against others built for the same or similar purpose
- They are designed as whole units and must be treated as such
- TJCSG analytic approach was to measure technical capacity (by bins) not physical capacity

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Excess Infrastructure (Physical Capacity)

- “Unused” Capacity (sq ft and/or FTEs)
 - Is not excess if it cannot be reduced
 - You can’t shrink an anechoic chamber
 - Available in one capability area cannot be used in another
 - You can’t do C4ISR research inside a wind tunnel
 - Office space may be an exception (not broken out in current data)
 - Is “Excess” if enough is located in multiple places and some can be eliminated
 - Requires specific scenarios and a Scenario Data Call to determine

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Recommendation #1

- Identify technical capacity required
 - By technical capability area and function (Bins)
 - For classes & types of weapons systems IAW Force Structure Plan
- Compute excess technical capacity
 - By technical capability area and function (Bins)
 - For classes & types of weapons systems IAW Force Structure Plan
- Register specific scenarios and conduct a Scenario Data Call
- Compute excess physical capacity by summing the sq ft for all realigned facilities

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Recommendation #2

- Establish a “Technical” Standard Sq Ft/FTE
- Compute Required Sq Ft/FTE
- Compute Existing Sq Ft/FTE=
Total Sq Ft/Total FTEs
- Estimated Excess = Existing - Required

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