BRAC 2005
EDUCATION AND TRAINING JOINT CROSS-SERVICE GROUP
MEETING MINUTES OF 9 SEPTEMBER 2004

The Assistant Secretary of the Air Force (Manpower and Reserves), Mr. Dominguez, presided over the 23rd meeting of the E&T JCSG as acting chair. Attendee list is at Attachment 1. Mr. Howlett opened the meeting with a brief overview of the meeting agenda and then introduced speakers for each subgroup.

Each subgroup chair or representative (CAPT Summerlin, BG Maffey, Col Briggs, and Mr. Macia) reported the status of their Requests for Clarification (RFCs) and related specific capacity data collection issues and actions that had been taken to correct problems. Services are working to clarify/correct capacity information for E&T JCSG subgroups and have made some progress. However, it was again noted that in selected incidences the Services have submitted data to OSD but there continues to be a process issue which delays/prohibits getting the information to the JCSG. The E&T JCSG has not received reliable data from OSD BRAC in over three weeks. Mr. Potochney, OSD BRAC Office, is scheduled to meet with the E&T JCSG Coordination Team 15 September 2004, to discuss data problems/concerns/issues. Mr. Dominguez requested that the Ranges Subgroup contact him if the 187 outstanding requests for clarification for the Air Force were not received by Wednesday, 15 Sep 04 so he could take action at his level to expedite the process.

Flight Training Subgroup (Briefing at Attachment 2): RADM Mayer briefed that flight training capacity analysis is approximately 80% complete. The subgroup is awaiting certification of questions to complete final calculations and anticipate meeting the E&T JCSG target for the "final" Capacity Analysis Report. Data is coming in for military value analysis and the scoring matrix should be complete by mid-September. The Subgroup is still waiting for formal comments from USMC on the JSF criteria matrix. Additionally, Future Force Requirements submissions are still pending from the Air Force and Army. The subgroup has begun working its optimization models. Models will be used for undergraduate fixed wing Pilot and NFO training, only. Models for Rotary wing will not be required due to the small universe; while models for JSF and UAV training are not needed due to single function site selection. Finally, six scenario "ideas" have been identified by the subgroup. They are not location specific, since capacity and military value data is still pending. Flight Training "scenario philosophy" briefing is almost ready for presentation to E&T JCSG. The focus of the briefing is to provide the strategy and approach for flight training scenarios and re-alignment. Mr. Dominguez commented the briefing would be beneficial to every subgroup as we move rapidly toward scenario development.

Mr. Howlett briefed a professional continuing education issue that impacts both PDE and SST Subgroups:

- Issue: Cross-flow analysis for professional continuing education (PCE) courses with the JCSG-SST and JCSG-PDE Subgroups
    - PDE-Subgroup analysis of the 2003 Business Initiative Council (BIC) report/study of Service-specific PCE courses
    - Analysis determined that JAG and Chaplain PCE courses should be analyzed by the PDE Subgroup (medical PCE courses analyzed by the Medical Subgroup)
    - Both JAG/Chaplain courses are skills awarding programs (closely resembling specialized skill training) under the PDE program funding element
    - BIC (28 Aug 03) and ITRO (20 Nov 02) concluded that "PCE programs do not contain sufficient commonality to warrant consolidation. The Services can help streamline these programs through actively publicizing their PCE courses open for other Services participation."
    - Recommend all PCE courses that do not meet JCSG-SST and JCSG-PDE guidelines and definitions be excluded, except for JAG and Chaplain
- ***E&T JCSG principals requested a briefing on the BIC PCE initiative/study completed last year. Mr. Dominguez will take the meeting and provide a recommendation. SST and PDE chairmen and POCs are required to attend; Ranges and Flight Training subgroups are not required to attend but are invited, if interested.***

Specialized Skill Subgroup (Briefing at Attachment 2): BG Hostage introduced himself as the new Specialized Skill Training Subgroup Chairman replacing Maj Gen Frazier who is scheduled for reassignment to Langley AFB, VA. Brig Gen Hostage then introduced Col James Briggs who briefed the status of the Specialized Skill Training Subgroup. Capacity analysis spreadsheets are approximately 65% complete. Once berthing data arrives analysis should be complete. Navy and USAF personnel have reviewed military value data at Service BRAC offices and initiated RFC process to correct data prior to forwarding to E&T JCSG. This should expedite military value analysis. Work is still in progress to complete optimization models with the intent to examine options with sufficient capacity while maintaining/increasing military value. The SST subgroup has experienced turnover in its membership that has posed a significant challenge. The subgroup is working with Services for backfills; once in place it takes 4-6 weeks to become productive to the process. SST is beginning to formulate ideas for scenarios based on E&T JCSG Transformational Options. One idea is to establish Centers of Excellence for Joint or inter-service education and training by

combining or co-locating like schools and establishing (Joint) officer and enlisted Specialized Skill Training. Ideas for realignment include moving training functions away from single-purpose sites and locating training with users/operating forces. Some scenarios may apply only within a Service. Principals commented this "scenario" was definitely within the JCSG purview and will probably apply to all subgroups. Coordination is vital to reduce conflict with the Services.

Ranges Subgroup (See attachment 2): Mr. Gunlicks briefed the continuing efforts of the Range Subgroup to resolve testing capacity definitions and integration methodology based on previous E&T JCSG guidance. He then introduced Dr. Foulkes, who briefed the revised T&E capacity definitions for E&T JCSG approval.

- Maximum Potential Capacity: Which has been described as what each function is capable of doing, is, for ranges, interpreted to mean maximum potential availability, which is 24 hours per day, 365 days per year.
- Current Capacity of a range relative to the testing function: Greatest number of test hours executed in any year, for as many years as the physical plant has remained in its current configuration.
- Current Usage of a range relative to the testing function: Average of the annual number of test hours executed over FY01, FY02, and FY03.
- Surge: Based on military judgment, 10 percent of current usage.
- Excess Capacity (for the testing function on ranges which perform testing): Current Capacity – Current Usage – 0.10 x Current Usage.

When queried by the principals, the Ranges Subgroup confirmed these T&E definitions were consistent with Technical JCSG capacity definitions. Mr. Tom Macia then briefed refinements to Training capacity definitions which had been previously approved by the E&T JCSG. The subgroup recommended removing the term "Programmed capacity" as they now realized that this consideration will be inherent to their military value analysis. In response to the Ranges Subgroup question related to their presentation on their scenario concept, the E&T JCSG directed the subgroup to develop specific realignment proposals for rather than to limit themselves to ranking ranges for various functions and missions

- Maximum Potential Capacity: Theoretical maximum operational dimension for plants' capability to perform functions/ sub-functions (assumes weather, environmental and legislative restrictions but otherwise multiple shifts/ unconstrained).
- Programmed: Current operations for existing physical plants' capability to perform functions/ sub-functions
- Current Capacity of a range relative to the training function: standardized/ peacetime operations for existing physical plants' capability to perform functions/sub-functions (normalized for comparability between Services' installations).

- Current Usage of a range relative to the training function: As reported, may be < or > "current capacity" as defined above and considers maintenance/equipment downtime, end strength (faculty, staff & students), personnel resources/accounts (pay/overtime pay), duty hours (e.g., days/year, hours/day for budgetary constraints), training policy/requirements .
- Surge: Additional "capability hedge" in order to meet unanticipated increases for existing physical plants' capability to perform functions/sub-functions. Training Ranges = current usage plus 25% (rationale for percentage required)
- Excess Capacity: Current capacity minus (current usage plus surge capacity) (in other words) Current capacity (standardized / peacetime operations)
- ***The E&T JCSG approved the Range Subgroup T&E definitions and integration model including the removal of programmed capacity from the final list of definitions in the E&T JCSG Capacity Analysis Report.***

Mr. Dominguez asked each subgroup to review their manning and report any problems or issues as soon as possible so steps could be taken to rectify any shortfalls. Subgroups should plan for full-time dedication of staff until at least January 2005. Principals also discussed the need to meet often enough to get all the information prior to deciding issues at the E&T JCSG meetings. Additional E&T JCSG meetings will be scheduled as needed to ensure principals have time to get all the information needed prior to deciding issues and to help expedite subgroup processes.

The next meeting of the E&T JCSG is scheduled for September 16, 2004.

Approved: _____
MICHAEL L. DOMINGUEZ
Assistant Secretary of the Air Force
(Manpower and Reserve Affairs)
Acting Chairman, Education & Training
Joint Cross-Service Group

Attachments:
1. List of Attendees, 9 September 2004
2. Briefing Slides

Copies:
1. OSD BRAC Office
2. E&T JCSG Coordination Team
3. DoD IG

BRAC 2005
EDUCATION AND TRAINING JOINT CROSS-SERVICE GROUP
09 September 2004

Attendees

Members:

- Mr. Michael Dominguez, Assistant Secretary of the Air Force for Manpower and Reserve Affairs
- VADM Gerry Hoewing, USN, Chief, Naval Personnel, N1
- BGen Tom Conant, USMC, Deputy Director, Training and Education Command
- Mr. Jim Gunlicks, USA,
- BGEN Tom Maffey, USA, JCS VDJ-7
-

Others:

- Dr. Paul Mayberry, Deputy Under Secretary of Defense for Readiness
- RADM George Mayer, USN, CNATRA, E&T JCSG Flight Training Subgroup
- Brig Gen Hostage, USAF, AETC/XP, E&T JCSG Specialized Skill Training Subgroup
- Mr. Dan Gardner, Office of the Secretary of Defense (P&R)
- Dr. John Foulkes, E&T JCSG Ranges, T&E Working group
- Col Joanna Shumaker, USAF, AF DPX
- CAPT Bill Wilcox, USN, N1D
- Col Mike Massoth, USMC, Deputy Director, Training and Education Command
- Mr. Bob Howlett, E&T JCSG Coordination Team
- Col Nancy Weaver, USAF, E&T JCSG Coordination Team
- CAPT Gene Summerlin, USN, Navy BRAC, FT Subgroup
- CAPT Cathy Osman, USN, J7/JEDD/JEB, PDE Subgroup
- Col James Briggs, USAF, AETC/DOO, SST Subgroup
- Col Sam Walker, USAF, E&T JCSG, PDE Subgroup
- Mr. Thomas Macia, DAMO-TRS, E&T JCSG Ranges subgroup
- Mr. Bob Harrison, DAMO-TR
- Mr. Brian Buzzell, OSD BRAC Contract Support
- Ms. Beth Schaefer, DOD/IG
- Lt Col Anne Fitch, USAF, Air Force BRAC
- Ms. Adriana Rupert, E&T JCSG Coordination Team
- Lt Riels, USN, CNATRA

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Education &Training Joint Cross Service Group

E&T JCSG Principals Meeting
9 September 2004

Mr. Mike Dominguez
Acting Chair, E&T JCSG

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Agenda

- Overview
- Subgroups Status Updates
  - Status of Requests for Clarification
  - Adaptations of the optimization modeling tool
  - Status of Future Force requirements
- Professional Development Education
  - PDE refinements to scope of OFTE functions (DISAM, DIILS, DSS, DLAMP, et cetera)
  - Refinements to scope of analysis regarding PCE
- Ranges
  - Ranges T&E OAR capacity definitions
- E&T JCSG Issues

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Flight Training Subgroup

E&T JCSG

Status of Requests for Clarification (RFC) 7 Sep 04

	Total RFC	Total RFCs Closed	RFCs Closed This Week	RFCs Still Open	#< 2 weeks	# 2 to 3 weeks	# over 4 weeks	Actions Taken
Army	9	0	0	9	0	0	9	Working with Army Rep. Data in certification process in final phase.
Navy / USMC	83	26	2	57	0	0	57	Working with Navy Rep. Data refresh will update numerous for FT on 24 Aug 04.
Air Force	58	34	0	24	0	0	24	Working with AF Rep. AF Helpdesk tracking speadsheet very close to FT.
DoD	0	0	0	0	0	0	0	
Total	150	60	2	90	0	0	90	

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Flight Training Subgroup

- Capacity Analysis:
  - Spreadsheets 80% complete
  - Awaiting certification of questions to complete final calculations
  - OSD “resolved” data comes with strings attached
  - Anticipate meeting 17 Sep “final” report date
- Military Value Analysis
  - Data coming in, will complete scoring matrix by next week
- JSF criteria matrix
  - Awaiting formal comments from AF / USMC
  - Need to work through comments that disagree with the matrix
- Future Force Requirements
  - Awaiting comments from AF / Army

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Flight Training Subgroup

- Optimization Model
  - Models used for undergraduate fixed wing Pilot and NFO training only
  - Model is built, will complete testing this week
  - Models for Rotary wing not required due to small universe
  - Models for JSF and UAV training not needed due to single function site selection
- Scenarios
  - Six scenario “ideas” identified
  - Not location specific yet, waiting for better picture from capacity and military value data
  - Flight Training “philosophy” briefing almost ready for presentation to JCSG
    - Lays ground work for flight training scenarios and re-alignment

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PDE Subgroup

E&T JCSG

Status of Requests for Clarification (RFC) – 7 Sep 04

	Total RFCs	Total RFCs CLOSED	RFCs Closed This Week	RFCs Open	# ≤ 2 weeks	# 2 to 3 weeks	# over 4 weeks	Actions Taken
Army	65	15	1	50			50	Service Rep calling TABS daily.
Navy / USMC	38	25	9	13		2	11	Service rep tracking and calling inst through Navy BRAC
Air Force	29	16	0	13	1		12	Service Rep in Contact, WIDGETS Issue
DoD	26	4	4	22	2		20	Contacted DCAA, DSS claim “N/A”
Total	158	60	14	98	3	2	93	

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PDE Subgroup

E&T JCSG

Other Full-Time Education (OFTE)
Defense Agency Schools

Defense Acquisition University (DAU)	Fort Belvoir, Virginia
Defense Contract & Audit Institution (DCAI)	Memphis, Tennessee
Defense Equal Opportunity Management Institute (DEOMI)	Patrick AFB, Florida
Defense Resource Management Institute (DRMI)	Monterey, California
Defense Systems Management College (DSMC)	Fort Belvoir, Virginia
Information Resource Management College (IRMC)	Fort McNair, D.C.
Defense Ammunition Center (DAC)	McAlester, Oklahoma
Defense Information School (DINFOS)	Fort Meade, Maryland
Defense Polygraphic Institute (DPI)	Fort Jackson, South Carolina
Defense Leadership and Management Program (DLAMP)	Rosslyn, Virginia
Defense Security Service Academy (DSSA)	Linthicum, Maryland
Defense Institute of Security Assistance Management	Wright-Patterson AFB, Ohio
Defense Institute of International Legal Studies (DIILS)	Naval Training Station Newport Rhode Island

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PDE Subgroup

Issues / Recommendations

- **Issue: Out of 13 DoD Agencies/Activities under PDE review as OFTE, the JCSG-PDE recommends the following changes:**
  - **1) Removal of DLAMP and DSSA from JCSG-PDE analysis**
    - **DLAMP**
      - JCSG-HSA collected data for analysis (only involves limited office space)
    - **DSSA**
      - JCSG-HSA collected data for analysis for DSS, but did not include data for DSSA
      - DSSA answered PDE question 749, DOD/IG recommended that DSSA answer 107 and accepted DSSA submission of “N/A” to the remaining PDE Capacity Data Call questions based on DSSA not falling under the PDE Program Element Code
  - **2) Realignment of the Defense Ammunition Center (DAC), Defense Information School (DINFOS), and the Defense Polygraphic Institute (DPI) to JCSG-SST for analysis; JCSG-SST agrees to the transfer with JCSG approval**

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PDE Subgroup

Issues / Recommendations

- **Issue: DISAM and DIILS responded negatively to BRAC Capacity Data Calls**
  - **JCSG-HSA collected data on square footage and personnel for an owned installation**
  - **DOD/IG agreed with DISAM's and DIILS' submission of "N/A" to the Capacity Data Call questions. *Units are not* under the PDE Program Element Code and *are* funded through Foreign Military Sales**

- **Recommend excluding both DISAM and DIILS from further JCSG-PDE analysis**

Professional Development Education

E&T JCSG

Issues/Recommendations

- **Issue: Cross-flow analysis for professional continuing education (PCE) courses with the JCSG-SST and JCSG-PDE Subgroups**

- **PDE-Subgroup analysis of the 2003 Business Initiative Council (BIC) report/study of Service-specific PCE courses**
  - **Analysis determined that JAG and Chaplain PCE courses should be analyzed by the PDE Subgroup (medical PCE courses analyzed by the Medical Subgroup)**
    - **Both JAG/Chaplain courses are skills awarding programs (i.e. a close resemblance to specialized skill training) under the PDE program funding element**
  - **BIC (28 Aug 03) and ITRO (20 Nov 02) concluded that "PCE programs do not contain sufficient commonality to warrant consolidation. The Services can help streamline these programs through actively publicizing their PCE courses open for other Services participation."**

- **Recommend all PCE courses that do not meet JCSG-SST and JCSG-PDE guidelines and definitions be excluded, except for JAG and Chaplain**

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SST Subgroup

E&T JCSG

Status of Requests for Clarification (RFC) – 7 Sep 04

	TOTAL RFCs	TOTAL RFCs Closed	RFCs Closed This Week	RFCs Open	# ≤ 2 wks	# 2 to 3 wks	# over 4 wks	Actions Taken
Army	290	253	17	37			37	Team calling daily. Army TABS engaged
Navy / USMC	317	299	4	18			18	9 still at activity, 9 in the higher level cert chain. Navy BRAC Team calling daily.
Air Force	159	159		0				
DoD	0							
Total	766	711	21	55			55	

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Specialized Skill Training Subgroup

E&T JCSG

Update:

- **Capacity Analysis**
  - Finalizing report as corrected data arrives
  - Spreadsheets are 65% loaded. Berthing data in Mil-Val data call
- **Military Value Analysis**
  - Navy and USAF have reviewed data at service BRAC offices and initiated RFC process to correct data
  - Data call at services
  - Optimization model – intend to examine options with sufficient capacity while maintaining/increasing military value
  - Developed 11 ideas / concepts
- **Future Force Requirements**
- **SST Subgroup membership**
  - Turnover a challenge

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Specialized Skill Training Subgroup

E&T JCSG

- SST scenario ideas based on E&T JCSG Transformational Options
  - Establish Centers of Excellence for Joint or inter-service education and training by combining or co-locating like schools
  - Establish (Joint) officer and enlisted Specialized Skill Training
- SST IDEAS:
  - Intelligence
  - Cryptology
  - Information Technology
  - Supply Training
  - Administration, Personnel, and Finance
  - Instructor Training
  - Corrections, Military Police
  - Transportation
  - Religious, Legal support (align enlisted SST with officer PDE)
  - Space
  - Culinary Training

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Specialized Skill Training Subgroup

E&T JCSG

- **SST IDEAS: Realign to optimize:**
  - **Move training functions away from single-purpose sites**
  - **Locate training with the users / operating forces**
  - **Some may apply only within a service**

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Ranges Subgroup

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Status of Requests for Clarification (RFC) - 07 Sep 04

Range Subgroup	RFCs	RFCs CLOSED	Closed This Week	RFCs OPEN	#< 2 Weeks	#2 to 3 Weeks	# over 4 Weeks	Actions Taken
Training								
USA	116	114	29	2	0	0	2	Dir W/Svcs
USN/USMC	104	104	9	0	0	0	0	Dir W/Svcs
USAF	108	80	25	28	0	0	28	Dir W/Svcs
Tng Totals	**328**	**298**	**63**	**30**	**0**	**0**	**30**	**91%**
T&E								
USA	0	0	0	0	0	0	0	Dir W/Svcs
USN/USMC	157	105	42	52	0	0	52	Dir W/Svcs
USAF	187	0	0	187	0	0	187	Dir W/Svcs
Supplement	47	0	0	47	0	47	0	To Svc 8/13
T&E Totals	**391**	**105**	**42**	**286**	**0**	**47**	**239**	**27%**
Tng & T&E	**719**	**403**	**105**	**316**	**0**	**47**	**269**	**56%**

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Resolving E&T Range Subgroup Training and Testing Capacity Definitions and Integration Methodology

09 September 2004

E&T JCSG

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Range Capacity Definitions and Integration

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- **The Range Capacity methodology, for each of the *testing and training functions*, requires measures of maximum potential capacity, current capacity and current usage on ranges that perform training and testing.**

- **The methodology must be flexible enough to permit analysis across the two functions, but also robust enough to allow for a determination of the degree to which each function's usage can be increased on ranges which are solely (or predominantly) focused in one of the functions.**

- **Range capacity and utilization for the functions of testing and training are dependent upon the following factors:**
  1. **Usable Volume (Air space, land, and sea space)**
  2. **Available Time**
  3. **Personnel**
  4. **Physical Plant**

- **Maximum Potential Capacity, which has been described as what each function is capable of doing, is, for ranges, interpreted to mean maximum potential availability, which is 24 hours per day, 365 days per year.**

- **Current Capacity and Current Usage are measured differently for the functions of training and testing.**

Range Capacity Definitions and Integration: Testing Function

E&T JCSG

- **For the testing function, *current capacity* is a measure of the amount of work that can be executed within the volume, and is primarily a function of the physical plant and personnel. It is a throughput measure.**
  - **Assuming a constant physical plant, testing capacity can be increased by increasing test range personnel via additional shift work.**
  - **The measurement unit is** test hour, **which takes into account multiple test operations, which frequently occur on ranges conducting testing.**

- **Current Capacity of a range relative to the testing function**
  - **Greatest number of test hours executed in any year, for as many years as the physical plant has remained in its current configuration.**

- Range time **is not an effective measure of test capacity.**
  - **On Range "A" for example, if 5 tests are being conducted simultaneously for 2 hours each, then 10 test hours can be executed. Note however that the amount of** range time **consumed is 2 hours.**
  - **Compare this with Range "B", that for the same test capability category, can conduct 7 simultaneous events in the same 2-hour window. In this case, 14 test hours can be executed (more capacity), however the same amount (2 hours) of range time is consumed.**
  - **However, relative to consumption of the range volume, range time is the better measure for comparison of the capacities between the functions.**

Range Capacity Definitions and Integration: Testing Function (cont'd)

- **Maximum Potential Capacity**
  - which has been described as what each function is capable of doing, is, for ranges, interpreted to mean maximum potential availability, which is 24 hours per day, 365 days per year.
- **Current Capacity of a range relative to the testing function**
  - Greatest number of test hours executed in any year, for as many years as the physical plant has remained in its current configuration.
- **Current Usage of a range relative to the testing function**
  - Average of the annual number of test hours executed over FY01, FY02, and FY03.
- **Surge**
  - Based on military judgment, 10 percent of current usage.
- **Excess Capacity** (for the testing function on ranges which perform testing):
  - Current Capacity – Current Usage – 0.10 x Current Usage

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Range Capacity Definitions and Integration: Training Function

E&T JCSG

Training

Approved Definitions

- **Maximum Potential Capacity**
  - theoretical maximum operational dimension for plants' capability to perform functions/ sub-functions (assumes weather, environmental and legislative restrictions but otherwise multiple shifts/ unconstrained).
- **Programmed**
  - current operations for existing physical plants' capability to perform functions/ sub-functions
- **Current Capacity of a range relative to the training function**
  - standardized / peacetime operations for existing physical plants' capability to perform functions/sub-functions (normalized for comparability between Services' installations).
- **Current Usage of a range relative to the training function**
  - as reported, may be < or > "current capacity" as defined above and considers maintenance/equipment downtime, end strength (faculty, staff & students), personnel resources/accounts (pay/overtime pay), duty hours (e.g., days/year, hours/day for budgetary constraints), training policy/requirements .
- **Surge**
  - additional "capability hedge" in order to meet unanticipated increases for existing physical plants' capability to perform functions/sub-functions. Training Ranges = current usage plus 25% (rationale for percentage required)
- **Excess Capacity**
  - Current capacity minus (current usage plus surge capacity) (in other words) Current capacity (standardized / peacetime operations)

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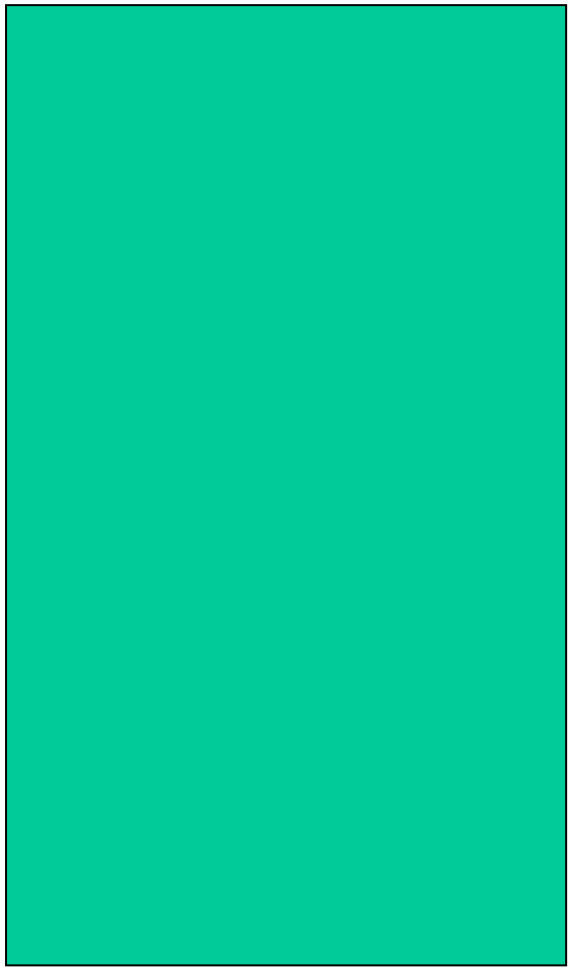
Proposed Integration Model: 9 Sep 04

E&T JCSG

Total Range Capacity in VOLUME



Ground = Acres

Sea = NM2

Air = NM3

Use Following CAPACITY Questions for Volume:

CAP Q's #86 & 150 for Ground
CAP Q #192 for Sea
CAP Q #160 for Air

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Proposed Integration Model: 9 Sep 04

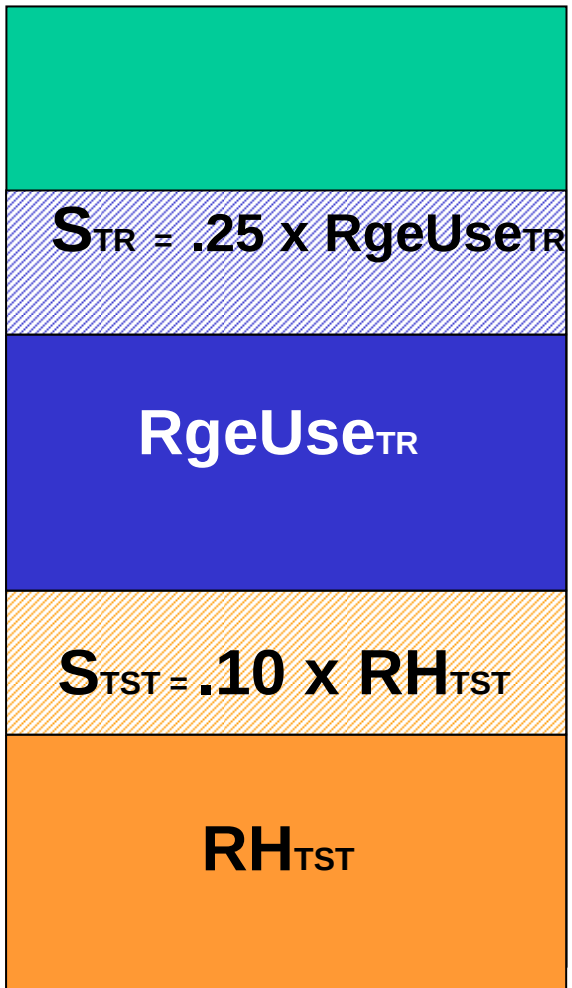
E&T JCSG

CAP Q's # 86 & 150 for Ground
CAP Q #192 for Sea
CAP Q #160 for Air

X

Use MV Question # 1683: Range Scheduling and Usage in Hours

Total Range Capacity in VOLUME



Training Surge (25%)

Current Use for Training

Response Includes Volumes

Testing Surge (10%)

Current Use for Testing

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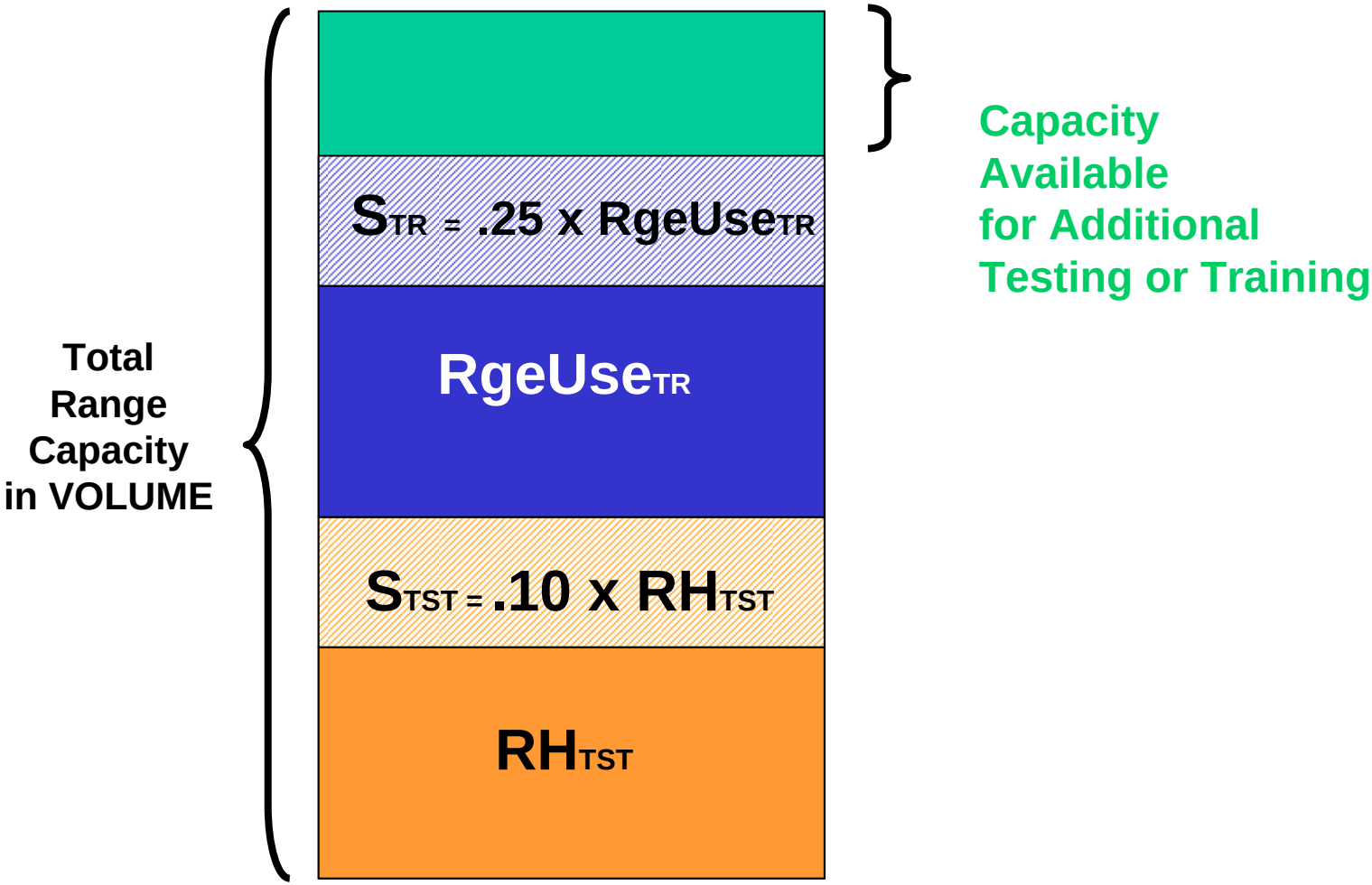
Proposed Integration Model: 9 Sep 04

E&T JCSG



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Ranges Subgroup

Resolving E&T Range Subgroup
Training and Testing
Capacity Definitions
and
Integration Methodology

- **RECOMMENDATION:**

Approve Range Subgroup Tng and T&E definitions and integration model.

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Ranges Scenario Methodology - TRAINING

E&T JCSG

- **Capacity:**
  - Apply Ground, Air, Sea "Filters"
  - Capacity Sorts by: Ground, Air, Sea:
    - Current (Standard) Capacity)
    - Current Use
    - Excess Capacity

  } 9 CAPACITY Products

- **Military Value**
  - Apply Ground, Air, Sea "Filters"
    - Use Military Judgment to add unique ranges with capabilities less than filter:: Tropical, Arctic & Littoral Settings
  - Score (Attributes & Metrics)
    - Sort, regardless of Service, by MV score
    - Sort by: Army, Navy, USAF, USMC
    - Sort for Cross-Service Use: Ground, Air, Sea

  } 8 MV Products

- **Scenario Phase**
  - Ideas:
    - Identify range capability (MV) that can support Service unit training
    - Identify combinations of ranges that can support cross-Service tng: Ground., Air, Sea
    - Identify combinations of ranges that can support full spectrum of Joint training
  - Proposal: End products…
    - Sort by: Army, Navy, USAF, USMC
    - Combinations of Ranges (CAP & MV), listed in priority of capability (MV), in geographic proximity that can support:
      - Cross-Service and/or (**<u>Ground:</u>** Army & USMC; **<u>Air:</u>** USAF, Navy & USMC; **<u>Sea:</u>** Navy & USMC)
      - **<u>Joint</u>** Training (All Services) - Ground, Air & Sea Ranges
  - Scenarios = The Above Proposals that can support analysis of:
    - T&E Scenarios for Cross-Functional Use
    - Other E&T Subgroup Scenarios impacting Ranges, eg, Pilot Tng
    - Other "external" Scenarios or Queries

} 4 Products

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Ranges Scenario Methodology – T&E

E&T JCSG

Parameters

- **Military Value**
- **Excess Capacity**
- **Required Capacity – Sum Total of Current Capacity**
- **Service Certified Data Call Responses**

Filters / Conditions

- **Installations/Ranges with Non-Zero T&E Workload**
  - **Will Evaluate Other Installations for Potential New Work as Required**
- **Approved/Agreed-Upon Principles, Guidelines, Rules and Imperatives**

Process

- **Complete Capacity Analysis**
- **Develop Required Capacity**
- **Complete Military Value Analysis**
- **Perform LOM**
- **Engage in Deliberations (Apply Expert Military Judgment)**
  - **Collect Additional Data as Needed to Refine Scenarios**
  - **Assemble & Prioritize Joint Scenario Recommendations**
- **Support Integration with Non-OAR (TJCSG & Training)**

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Ranges Scenario Methodology – T&E

E&T JCSG

Criteria

- **Joint Where Possible – Service Unique Where Necessary (by T&E Reliance Area)**
- **Quantitative Advantages**
- **May Seek to Reduced Footprint /Infrastructure**
- **May Seek to Maximize Military Value**
- **Scenario Request from Other BRAC Entities**
- **May Address Transformational Options**

Rules

- **All T&E SWG Scenario Deliberations Require One Representative From Each Service and OSD**
- **T&E SWG Scenarios Forwarded Will Include All Subgroup Principal's Documented Positions**

Guidelines

- **T&E SWG Generated Scenarios Will be Independent of All Other Scenarios**

Tools

- **Military Judgment**
- **Linear Optimization Model Outputs**
- **Group Deliberations**
- **ISG or Higher Level Transformation Options**