BRAC 2005
Education & Training Joint Cross-Service Group

Meeting Minutes of October 2, 2003

The Assistant Secretary of the Air Force, Manpower and Reserve Affairs, Mr. Michael Dominguez chaired the sixth meeting of the Education and Training Joint Cross-Service Group. The agenda and list of attendees is attached.

Mr. Dominguez began the meeting with a discussion of action items from the Education and Training JCSG presentation to the ISG on 24 September 2003. They are:

- **Staffing and Organization:** Subgroup Chairs' define your future (at least 90 days out) manning requirements and task your Service representatives to provide the personnel. Additionally, stress with the service representatives the importance of consistency of attendance by the assigned individuals. Please pre-clear with the Subgroup Chair substitutions at meetings for the assigned personnel.
- **Flight Training:** It is the desire of the E&T JCSG to include graduate level flight training in the analysis. However, the Services were requested to review this again through the Flight Training Subgroup and come back to the ISG with a final recommendation. RADM Mayer was tasked by the Acting Chair, Education and Training to provide the Education and Training JCSG with the pros and cons of removing graduate level flight training from the analysis. Lastly, with respect to the issue of different launch separation for aircraft between the Department of the Navy and Air Force, the ISG agreed with the Education and Training JCSG's recommendation to have options brought to the ISG for a decision prior to scenario development. However, RADM Meyer believes this may no longer be an issue.
- **Specialized Skill Training:** The Subgroup will analyze all individual skills training. The E&T JCSG chair will consult with Intelligence and Medical JCSG chairs, as appropriate, to ensure that no skills training is left out of the SST analysis.
- **Professional Development Education:** The ISG was briefed that military and civilian institutions have different capacity standards and the standard the Professional Development Education Subgroup will use will most likely be a hybrid of both.
- **Surge Requirements:** The ISG agreed that the Services should identify surge requirements for the Education and Training Subgroups. Mr. Dominguez tasked Subgroup Chairs to coordinate with the individual Services operational and doctrine branches to provide a response back to the Education and Training JCSG by 17 October 2003.

- **Distance Learning:** This issue was added to the ISG Education and Training brief as an issue to ensure the Subgroups asked the appropriate questions to capture the capacity associated with distance learning.

Mr. James Gunlicks introduced Mr. Tom Macia who briefed the Ranges Subgroup's Capacity Analysis (presentation attached). The group made the following points:

- Slide # 3 would be removed from the ISG brief.
- Slide # 8: The presenter should ensure the ISG understands that State owned facilities (National Guard Ranges) are not being considered for realignment or closure. They are included to get a true measure of capacity for ranges and in fact, are often used by the active forces during times of restricted availability of other range facilities.
- Slide # 11: Add environmental permitting to the "Other Attributes" slide as an attribute.
- Slide # 13: Under the first bullet, delete "unconstrained." As with the other three Education and Training JCSG Subgroups, "Surge Capacity" is not defined today and requires a determination by the individual Services as to their range surge requirements.
- Slide # 14: Consensus of the E&T JCSG was that capacity analysis of classified ranges would not be included; however, this issue warranted ISG consideration to ensure such ranges would be appropriately reviewed. The list of exclusions under "other exclusions" is captured by the other Education and Training Subgroups or by the individual Services. The 366 Report required by the 2003 Defense Authorization Act is of concern to the group in that the information contained in the report should be consistent with the certified information collected for BRAC 2005.
- In general, Education and Training has the lead for Range analysis. The Subgroup does have representatives from the T & E community as members of the subgroup. Training equipment located on a range is to be included in the analysis. Mr. McAndrew, Deputy Director OSD BRAC, commented that the group had not addressed the three questions regarding the present inventory of facilities, current and surge throughput capacity of these facilities, and if any excess capacity exists above current workload plus surge requirements, directed in the ISG's capacity analysis guidance of 16 July 2003. Mr. Howlett responded that a slide would be added to the ISG briefing that would contain formulae to measure capacity thereby answering the three questions.

The meeting concluded with Mr. Dominguez thanking the Range Subgroup for their effort in putting the report and brief together for this review prior to submission to the ISG.

Approved: _____
Michael Dominguez
Assistant Secretary of the Air Force,
Manpower and Reserve Affairs,
Acting Chair, Education & Training Joint
Cross-Service Group

Attachments:

1. List of Attendees
2. Agenda
3. Briefing slides "Range & Collective Training Subgroup Capacity Analysis"

Education and Training JCSG Meeting
October 2, 2003

Attendees

Members:

- Hon Michael Dominguez, Assistant Secretary of the Air Force, Manpower and Reserve Affairs
- BGen George Flynn, Director, Training and Education Command, USMC

Alternates:

- Ms. Susan Foster, USA, G-3 Training, Army

Others:

- Mr. Paul Mayberry, DUSD(Readiness)
- Mr. Dan Gardner, Director, Readiness & Training
- Mr. Bob Howlett, ODUSD(Readiness)
- Maj Gen Peter Sutton, AF/DPL
- COL Nancy Weaver, USAF, AF/DPL
- RADM George Mayer, USN, CNATRA
- CAPT Gene Summerlin, USN, Navy BRAC
- CAPT Jason Leaver, USN, Navy BRAC
- CAPT Cathy Osman, USN, J7/JDETD/JETB
- CAPT Marc Mueller, USA, J7/JDETD/JETB
- Mr. James Gunlicks, Director, Training Army G-3
- Mr. Bob Harrison, DAMO-TR
- Mr. Tom Macia, DAMO-TRS
- Ms. Pat Walker, DASD(RA) M&F
- Mr. Stephan Jameson, OASD(RA) M&F
- Mr. John McCloud, OPNAV(NOOT)
- Mr. Michael McAndrew, Deputy Director, OSD BRAC
- Brian Buzzell OSD BRAC Contract Support
- Ms. Beth Schaefer, DODIG

DRAFT Agenda and Key Issues
for

Education and Training Joint Cross Service Group Meeting

2 October, 3E752

Capacity Analysis Briefing to E&T JCSG

The initial report and briefing to the ISG on 24 September covered three of the four E&T JCSG subgroups. The 10 October report and briefing to the ISG will incorporate the Ranges Subgroup's Capacity Analysis efforts. Each E&T JCSG subgroup focused Capacity Analysis effort on existing physical plant capacity measures and throughput of their assigned functional area. Each subgroup reviewed a distinct functional area within education and training.

Agenda:

Time:	Item:		Presenter:
1400	**Introduction:**		
	Welcoming remarks		Mr. Dominguez, Acting Chair
1405	**Summary of initial E&T JCSG briefing to ISG**		Mr. Dominguez
	Capacity Analysis Briefing:		
1420	Ranges Subgroup		Mr. Gunlicks
	Organization		
	Approach		
	Issues Impacting Analysis		
1450	**E&T JCSG Discussion/Decisions (key issues attached):**		Mr. Dominguez and E&T JCSG Principals
	Issues to be forwarded to ISG		
	Issues resolved by E&T JCSG		
1500	**E&T JCSG report and briefing to ISG (10 Oct)**		Mr. Dominguez
1515	**Conclusion:**		Mr. Dominguez

Key Issues Impacting Capacity Analysis:

For follow-up E&T JCSG consideration and ISG direction/guidance:

- Graduate-level Flight Training
  - Co-location of operational squadrons with graduate level Flight Training squadrons
- Assigning percentages for reserve capacity to accommodate surge requirements

Pending E&T JCSG resolution:

- Standardized launch separation for Flight Training.
- Intelligence education and training programs will be analyzed by the appropriate E&T JCSG subgroup (e.g., specialized skills or professional development)

Ranges Subgroup issues for E&T JCSG review/approval:

- Change subgroup title from "Ranges" to "Ranges and Collective Training Capability"
- Classified Ranges will <u>not</u> be considered within capacity analysis
- Ranges Subgroup will consider T&E Simulation Capacity for training from data provided by the Technical JCSG during Military Value Analysis
- Environmental (vs Encroachment) capacity data needed – which JCSG ?
- 366 Report and E&T JCSG data must be consistent
- Technical JCSG will perform the overall T&E capabilities analysis.
- The Range Subgroup will consider National Guard range capacity; however, National Guard ranges are <u>not</u> subject to BRAC recommendations.
- Identified resource requirements must be funded.

E&T JCSG
Range & Collective Training Subgroup
Capacity Analysis

Briefing for

The Education & Training JCSG

2 Oct 03

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

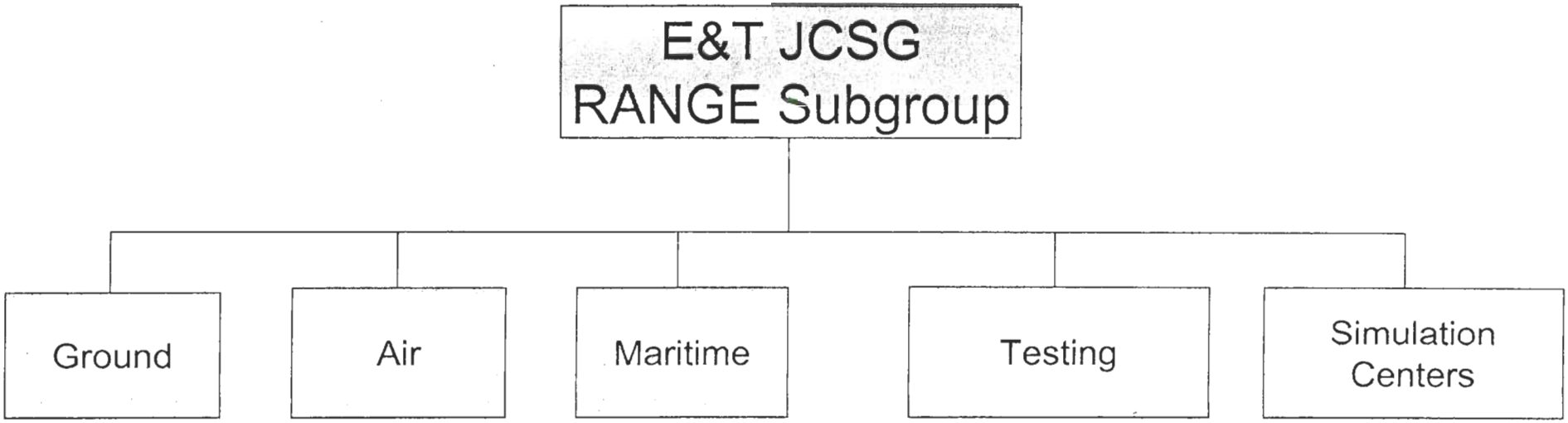
Overview

- Mission
- Organization
- Battle Plan
- Key Definitions
- Capacity Analysis Methodology
- Issues Impacting Analysis

Subgroup Mission

- **Overarching: The Ranges & Collective (Unit) Training Capability Subgroup will analyze active and federal reserve component ranges, OPAREAS, and simulation centers in a way that maximizes warfighting capability, Service testing and unit level training efficiency, interoperability (cross-Service), and joint test and training transformation initiatives.**
- **Recommendations shall support:**
  - Test, training, and experimentation conducted as Service, interoperable (cross-Service), and joint activities.
  - Preservation and sustainment of ranges from encroachment.
  - Instrumentation and range infrastructure upgrades.
- **Capacity Analysis: Ranges Subgroup will determine capacity of ranges, and/or OPAREAS with respect to training and T&E functions; and simulation centers to support training.**

Organization



Personnel Currently Working E&T JCSG RANGE Subgroup Matters

Military	Civilian	Contractor
0 FT	0 FT	0 FT
6 PT	13 PT	8 PT

Organization - Principals

Chair: LTG Lovelace, USA, Dir of the Army Staff

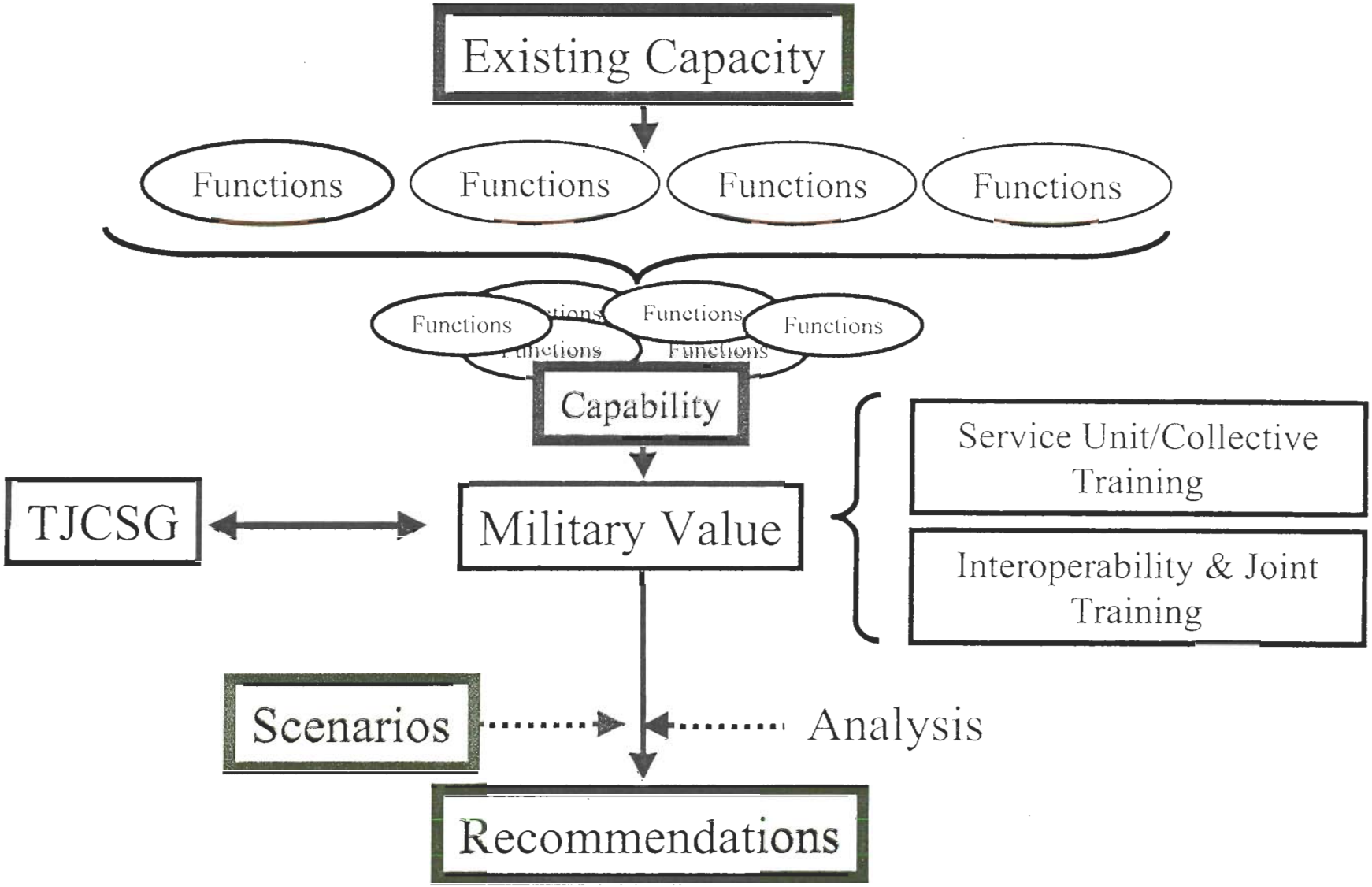
- Army Training: Mr Jim Gunlicks, Dep Dir, DAMO-TR
- Navy Training: RADM David Hart, Jr, USN, N43
- Air Force Ranges: Mr Fred Pease, XOO-RA
- USMC Training: Brig Gen George Flynn, Dep Cdr, TECOM
- Army Testing: Dr John Foulkes, Dir, TEMA
- Navy Testing: Mr George Ryan, N091C
- Air Force Testing: Mr Jack Manclark, AF/TE

OSD Testing: Mr Mike Crisp, DOT&E

OSD Training: Mr John Walsh, M&RA

Simulation Centers: Dr Mike Bailey, USMC TECOM

Battle Plan


Existing Capacity
Functions
Functions
Functions
Functions
Functions
Functions
Functions
Functions
Capability
TJCSG
Military Value
Service Unit/Collective Training
Interoperability & Joint Training
Scenarios
Analysis
Recommendations

Battle Plan – Major Functions & Participants

E&T JCSG

Sub-group 4: Ranges
(and Collective Training Capability)

Ground

Army Lead:
Mr Tom Macia
+ USMC

Air

USAF Lead:
Col Jim Wilson
+ Navy
+ USMC

Maritime

Navy Lead:
CAPT Dave Austin
+ USMC
+ USAF

Testing

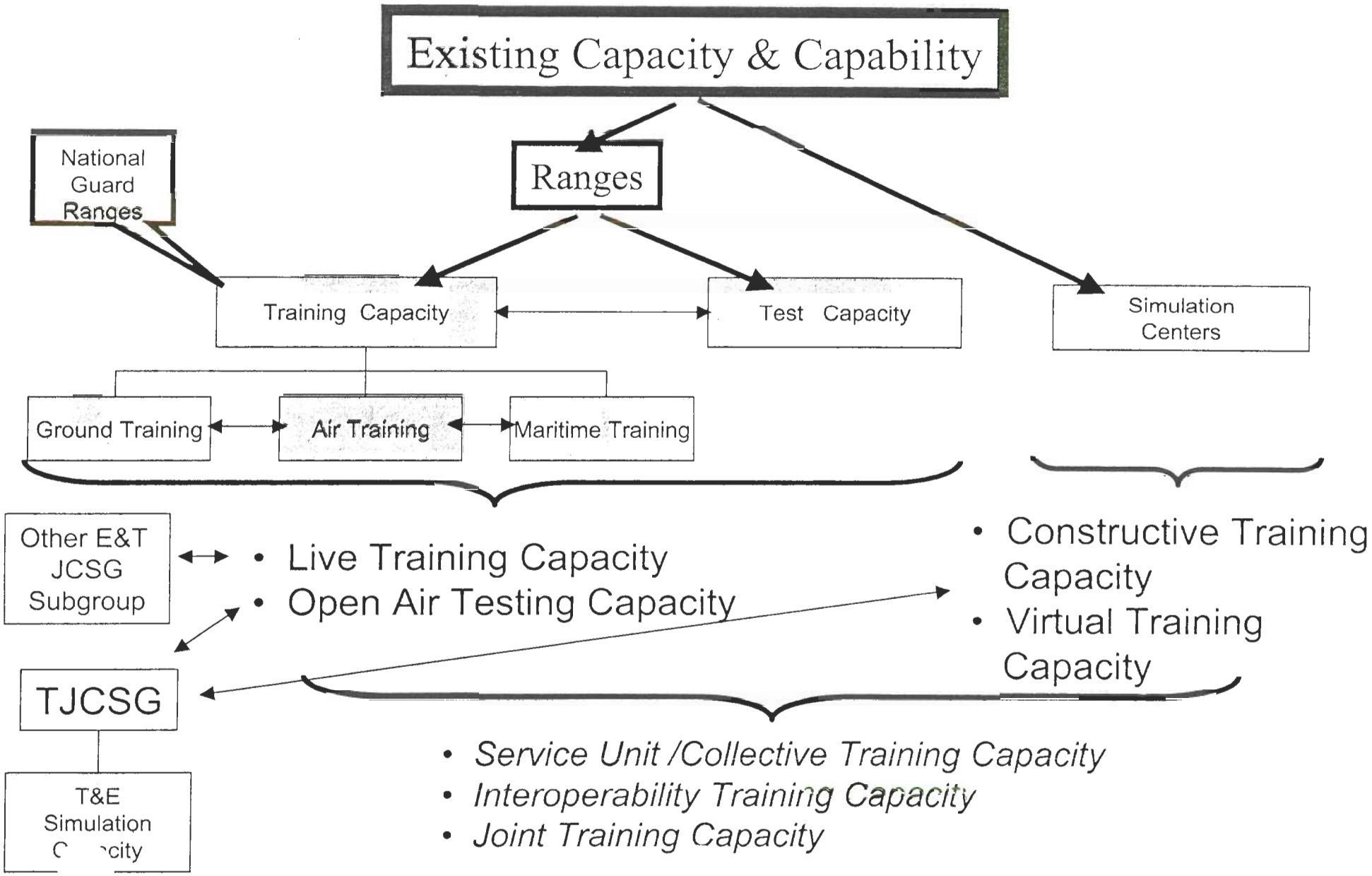
Army Lead:
Dr John Foulkes
+ Navy
+ USAF
+ USMC
+ DOTE

Simulation Centers

USMC Lead:
Dr Mike Bailey
+ Army
+ Navy
+ USAF

+ Consideration of SOF

Battle Plan - Relationships



Key Definitions

- **Range and/or Operating Area (OPAREA).** For the purpose of this effort, a range and/or OPAREA is defined as and specifically bounded geographic areas that may encompass a landmass, body of water (above and below surface), and/or airspace used to conduct operations, training, research and development, and test and evaluation of military hardware, personnel, tactics, munitions, explosives, or electronic combat systems. Those areas may be under the strict control of the Armed Forces or may be shared by multiple Agencies.

- **Simulation Center.** For the purpose of this effort, "simulation centers " will be limited to those capabilities that support Service unit training and DoD Interoperability and Joint training. Simulation Centers will be defined as either "virtual" or "constructive".

- **Encroachment.** The sum of externally driven restrictions threatening or constraining testing and training activities required for DoD readiness. Such encroachment stems from a variety of environmental, social, political and economic influences.

Capacity Analysis Methodology - Functions

- **Range –**
  - **Training Functions**
    - Ground Combat: Maneuver & Live Fire
    - Air/Aerospace Combat (including Airspace): Air-to-Air & Air-to-Ground.
    - Maritime Combat: Sea Surface & Sub-surface.
  - **Test Functions**
    - Air Combat
    - Land Combat
    - Sea Combat
    - Electronic Combat
    - Space Combat
    - Armaments/Munitions
    - C4I
- **Training Simulation Center Functions**
  - Virtual
  - Constructive

Capacity Analysis Methodology – Attributes

- **Physical Plant**
  - Airspace
  - Sea Space
  - Ground Space
  - Simulation Centers
  - Other Attributes:

    Weapons Capabilities, Limitations/Restrictions, Instrumentation, Infrastructure Backbone, Threat Representation, Targets/Target Control
  - Range Control and Support Capabilities & Facilities
- **Workload/Utilization**
- **Capacity**
- **Personnel**
- **Sustainability (Includes Encroachment)**

Applicable to all Functions

Capacity Analysis Methodology

- Capacity questions being developed and capacity data to be collected, will be by function, from all Services and combined to reach accurate:
  - Service Unit/Collective, Interoperability and Joint Training capacities.
  - Test & Evaluation Range capacities (Also required for TJCSG analysis)
  - Simulation Center training capacities.
- Encroachment questions will be developed and collected for use in Military Value analysis.
  - Environmental capacity data, though not collected by the Range Subgroup, is essential to its analysis.

Capacity Analysis Methodology - Surge

- **Range & Simulation Center capacity viewed in 3 categories.**
  - Unconstrained (design) capacity.
  - Budgeted capacity
  - Capacity affected by limitations, i.e., non-available time.
- **"Surge" capacity:**
  - Implies mission capacity required for unpredictable training to support mobilization/contingency plans.
  - Ranges and simulation centers not constructed or maintained to support surge requirements.
  - Under traditional mobilization planning, requirements and resources needed to meet surge loads are identified, but facilities are not constructed until needed. DOES NOT SUPPORT COE.
  - The ability to handle surge is a function of the excess capacity of ranges and the surge requirements that are identified.
- **Surge methodology:**
  - Will be based on information gathered during capacity analysis used in conjunction with information gathered during the military value phase.
  - Capacity vs Mission Priorities.
  - Protect sufficient capacity to support surge.

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Issues Impacting Analysis

- **Functional:**
  - Subgroup Title: Changed from "Ranges" to "Ranges and Collective Training Capability".
  - Classified Ranges not considered.
  - Ranges Subgroup will consider for application to training (Military Values) T&E Simulations Capacity provided by the TJCSG.
  - Environmental (vs Encroachment) capacity data needed – which JCSG ?
  - Collection of capacity data for non-Federal controlled National Guard ranges affects the range analysis; however, it is assumed that such ranges cannot be addressed in BRAC. Ranges subgroup seeks guidance on this issue.
  - Other exclusions recommended by Range subgroup:
    - Mobile or transportable ranges not having geographically authorized or fixed boundaries
    - Indoor ranges.
    - Base small arms, rifle/pistol ranges and small unit maneuver areas for training individual Service member training (Some Army and USMC may be considered as they affect Collective Training).
    - Training Aids, Devices, Simulations and Simulators (TADSS), except as described under Simulations Center scope, above.
- **Legislative:** 366 Report
  - 366 and E&T JCSG data must be consistent.
- **Resources:** Identified requirements must be resourced.

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Functions Transfer to other JCSGs

- None – however:
  - Technical JCSG must be involved for overall T&E capabilities implications.
  - Ranges Subgroup will consider T&E Simulations capacity data from the TJCSG for possible support of training during Military Value phase.
  - Appropriate JCSG (or subgroup) must provide environmental data to Range Subgroup and must be coordinated with on Range Subgroup encroachment questions and data.

- Other E&T Subgroups:
  - Must provide range and simulation center issues.