

**Sample CNB Briefing**



## **(JCTD Title & Acronym)**

FY \_\_\_\_\_

Candidate Nomination Board (CNB)  
(Date of Board)

### **Participants**

- **COCOM Sponsor: (organization)**
- **Oversight Executive: (name)**
- **Operational Manager: (organization & name)**
- **Technical Manager: (organization & name)**
- **Transition Manager: (organization & name)**
- **Other participants / partners (organizations & names)**



# (JCTD Acronym) Operational Problem Statement

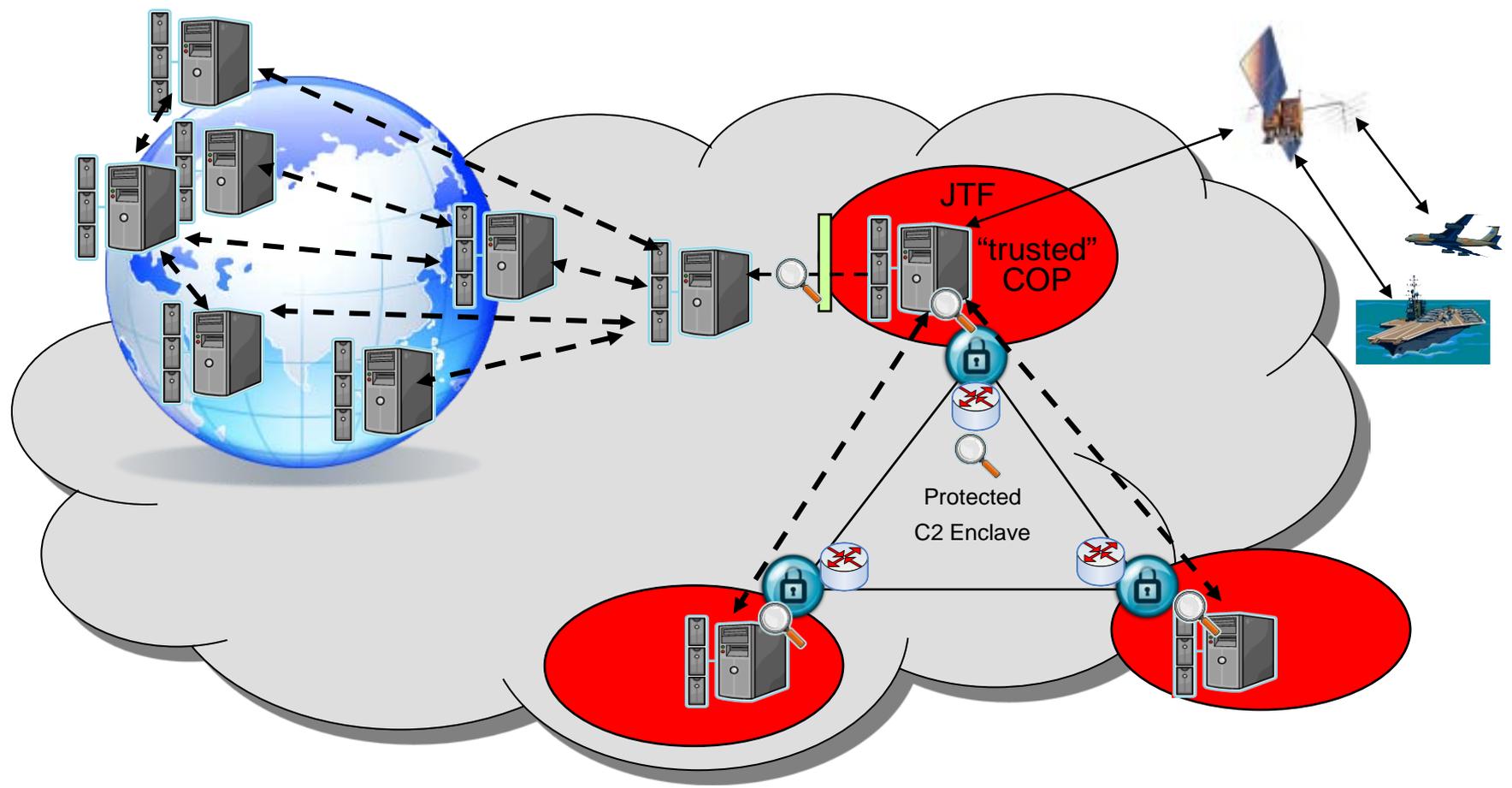
COCOM Sponsor and Supporting Statement

- Provide specific problem(s) being addressed by JCTD - Be specific
- Current situation resulting from shortfall in capability
- Provide supporting evidence

*Tagline*



# JCTD Acronym



**Note – Please spell out all acronyms on all charts**



# (JCTD Acronym)

**Proposed Concept:**

**What the JCTD will do:**

**Key Technologies:**



# (JCTD Acronym) Technology Readiness Levels

Technology	Pre-JCTD	Post-JCTD
<b>Architecture and Software</b>		
Web-GIS Compatible Tools	9	9
Relational database interface tools	9	9
SOA for two-way data-sharing with DoD C2 systems	6	8
Database Management Tools	9	9
Visualization tools	8	8
Processing and Service Software	9	9
<b>Communications and Networking</b>		
IP, Web-Based, Commercially Secure Network	9	9

Sample Technologies

Identify primary technical challenge(s) and approach to overcome and/or potential alternatives



# (JCTD Acronym) Activities/Deliverables

**Year 1:** (Provide planned activities)

**Specific Deliverables Include:**

**Year 2:** (Provide planned activities)

**Specific Deliverables Include:**

**Note:** For each entry above, identify activities planned. Specific deliverables can include ‘Spirals’ which deliver a product, capability or increment of a capability to a Warfighter and/or contributes notably to the JCTD effort. A two-year JCTD can have two, one-year Spirals. Deliverables can also include, design packages, Technical Data Packages, CONOPS, JCTD Residuals, technical demonstrations, hardware, software, training packages, operational utility assessment, etc.



# (JCTD Acronym) Overall Demonstration Plan

- **Technical Demonstrations**
  
- **Operational Demonstrations**
  
- **Joint Utility Assessment**

**(identify planned dates, locations, participants and objectives)**



# (JCTD Acronym) Transition Strategy



**What will be transitioned?**

**Be specific as possible – use two slides if necessary**

**Where will it be transitioned?**

**Who will be responsible for making it happen?**

**When will transition occur?**

**What are expected costs of transition and funding sources?**



# (JCTD Acronym) Schedule

Major Tasks	Year 1		Year 2	
	6 Months	6 Month	6 Months	6 Months
Analytical Software Procurement	█	█	█	
Develop CONOPS / TTP and finalize	████████████████████			
OD Planning & Execution	██			
Architecture Development	████████████████████████████████			
Connectivity (Data Brokering Services)	█	█	█	
Service Access Control Systems Modification	██			
▲ Technical and ▲ Operational Demonstrations	▲	▲	▲	▲
Technical Documentation	██			
Transition				█
OM Management (Integration & Certification)	██			
Independent Assessment	██			
Anticipated Start: (Month and Year)	Length of JCTD: (Length in Months)			

Sample Schedule



# (JCTD Acronym) Detailed Cost Plan

<b>PEOPLE JCTD Functional Cost Estimation (\$ Thousands)</b>			
<b>Task / Item</b>	<b>FY11</b>	<b>FY12</b>	<b>TOTAL</b>
<b>Operational</b>			
Operational Utility Assessment (OUA) , Quick Look & Report	\$125	\$125	\$250
CONOPS/Functional Rqmts/TTP & OD Planning & Execution	\$475	\$425	\$900
Travel	\$25	\$25	\$50
<b>Operational Total Estimate</b>	<b>\$625</b>	<b>\$575</b>	<b>\$1,200</b>
<b>Technical</b>			
Datasets Integration and Test	\$1,289	\$409	\$1,698
Models Integration and Test	\$689	\$0	\$689
H/W & S/W & Licenses Procurements	\$1,615	\$144	\$1,759
System and Operational Architectures Design	\$400	\$170	\$570
H/W & S/W System Integration & Test	\$714	\$201	\$915
Training	\$0	\$20	\$20
Training Planning & Documentation	\$15	\$5	\$20
Technical Demonstration	\$96	\$0	\$96
Travel	\$60	\$40	\$100
<b>Technical Total Estimate</b>	<b>\$4,878</b>	<b>\$989</b>	<b>\$5,867</b>
<b>Transition</b>			
Transition Planning & Documentation	\$165	\$125	\$290
Travel	\$15	\$15	\$30
<b>Transition Total Estimate</b>	<b>\$180</b>	<b>\$140</b>	<b>\$320</b>
<b>TOTAL</b>	<b>\$5,683</b>	<b>\$1,704</b>	<b>\$7,387</b>

Sample Tasks



# (JCTD Acronym) Funding Plan

JCTD Funding Plan - Dollars in Thousands (Fill In White spaces)							
(JCTD Title)				(Name of OE)			(Date)
<b>1. Committed Partner Cash Contributions</b>							
Organization	Funding	Type of	Program	(Year 1)	(Year 2)	(Year 3)	Total
							#VALUE!
							\$ -
							\$ -
							\$ -
							\$ -
<b>Total Committed Partner Cash Contributions</b>				\$ -	\$ -	\$ -	#VALUE!
<b>2. Uncommitted Partner Cash Contributions</b>							
							\$ -
							\$ -
							\$ -
<b>Total Uncommitted Partner Cash Contributions</b>				\$ -	\$ -	\$ -	\$ -
<b>3. JCTD Program Funds</b>	Pending	RDT&E/6.3	0603648D				\$ -
<b>Total Cash Contribution (Includes Committed &amp; Uncommitted Partner Cash and JCTD Program Cash)</b>							#VALUE!
<b>4. Committed Partner Critical Non-Cash Resources (CNCR)</b>							
Organization	Description of Committed Resource			(Year 1)	(Year 2)	(Year 3)	Total
							\$ -
							\$ -
							\$ -
<b>Total Committed Partner CNCR</b>				\$ -	\$ -	\$ -	\$ -
<b>5. Uncommitted Partner Critical Non-Cash Resources</b>							
Organization	Description of Uncommitted Resource			(Year 1)	(Year 2)	(Year 3)	Total
							\$ -
							\$ -
							\$ -
<b>Total Uncommitted Partner Critical Non-Cash Resources</b>				\$ -	\$ -	\$ -	\$ -
<b>Risk Calculations</b>							
<b>% of Partner Cash Committed</b>				#VALUE!	<b>% of Cash JCTD Program Providing</b>		#VALUE!

Note: See Sheet 2 for definitions and criteria for Color Coding.



# (JCTD Acronym) Key Metrics

Parameter/Capability	Attribute	Measure	Metric	Baseline	Threshold	Objective
Effective Transmit Power	Effective Beamwidth	Power vs AZ/EL position from boresight	X-Mit power/ (Min required ERP)	>6 over $\pm 30^\circ$ -30° +5° EL	>1 over $\pm 20^\circ$ -20° +10° EL	TBD
Vehicle Power Generation	Power available to payload	Max. power Generation	Gen. Power/Threshold	> 1	> 2	> 2
Payload Mass	Nosecone Mass properties	Weight/CG	Comparison with XYZ-T	Difference with XYZ-T < 5%	Difference with XYZ-T < 1%	Difference with XYZ-T < 1%
Payload Size	Form factor	Payload Volume	Volume/(max. avail volume)	< 5	< 1	<1
Payload Power Consumption	Payload power load	Power draw for select EA types	Power draw/(max avail power)	< 5	<1	<1



# (JCTD Acronym) Risk Management & Mitigation

Risk Factors (JCTD)		Risk Assessment	Mitigation Strategy	Expected Result
Operational	Operational Users availability	Low	Supplement partner nations personnel with Army participants .	Users trained and available for OD
	Facilities availability	Low	Use of EUCOM provided facilities	Facilities available for OD
Technical	Loss of on-orbit asset	Low	None Required	All on-orbit assets available for TD & OD
	Integration of DoD datasets	Low	Initial focus on use of DoD commercially available data	Targeted datasets integrated and functioning for TD and OD
Cost	Data integration or modeling efforts	Medium	Perform trade-off analysis for selection of data sets and modeling tool	Technical and Operational Demonstrations successfully accomplished
Funding	Partner Commitment s	Medium	Co-develop & coordinate ID with partners	Cash fully committed to JCTD
Schedule	Coordination of technical and operational tasks	Medium	Develop and maintain detailed WBS	OD conducted as planned
Transition	Resource commitment to transition capability	Medium	Develop detailed Plan and Technology Transition Agreement. Obtain resource commitment.	Transition is funded and immediately implemented following OD pending satisfactory OUA

Sample Risk Factors



# (JCTD Acronym) Partnerships & Status



Partner/Specific Organization	Status	Impact (Funding & Operational)
	On board	
	Will be Contacting	
	On board	
	On board	
	In Discussion	
	In Discussion	
	On board	



# (JCTD Acronym) Status & Funding

Criteria	Status	Comments
Funding	R/Y/G	<b>Note: Provide comment/explanation if the status is yellow or red.</b>
Transition	R/Y/G	
Schedule	R/Y/G	
Technology	R/Y/G	
Management	R/Y/G	

Organization	FY14	FY15	Total
OSD PE0604161D	\$1.600	\$3.000	\$4.600
Air Force PE63287	\$0.200	\$0.200	\$0.400
Navy PE 0666161D82	\$0.200	\$0.200	\$0.400
RFD PE 0604648D	\$3.100	\$3.300	\$6.400
<b>Total (\$M)</b>	<b>\$5.100</b>	<b>\$6.700</b>	<b>\$11.800</b>



# Back-ups



# JCTD Title (Font 32; Bold)

COCOM Sponsor: PACOM OE: Mr./Mrs. Doe

FY??

FONT 14

## Operational Problem:

- Provide the operation problem this JCTD is going to solve.

Specifics: Short Statement describing what the JCTD will demonstrate.

- Enter specific deliverables in Year 1 and 2

## Technologies:

- Enter the technology(s) being used in this JCTD

Note: Font on the entire chart is "Calibri", font sizes differ

FONT 12

FONT 11

## Requirement:

- Provide all relevant requirements for this JCTD. **Do not include specific IPL information on the quad.**

## Transition:

- Provide transition information

## Competing Technology:

- Provide all competing technologies

## Funding:

### Cash Contributions

Funding (\$K)	FY11	FY12	FY13	Total
Org 1	0	0	0	0
Org 2	0	0	0	0
OSD/RF	0	0	0	0
Total	0	0	0	0

### CNCR Contributions

Funding (\$K)	FY11	FY12	FY13	Total
Org 1	0	0	0	0
Org 2	0	0	0	0
OSD/RF	0	0	0	0
Total	0	0	0	0

See reference slide to fill out SECDEF Priorities.

## Issue(s):

SECDEF Priorities JCTD Supports:  A2AD  Building Partnerships  Defend Homeland  Counter Terrorism



# Reference Slides



# Transition Definitions & Commitment scale

The JCTD Transition Desk Reference defines transition as:

**Program of Record (PoR):** The JCTD capability is adopted by an existing PoR or results in the process to establish a new PoR. Additionally, other Service procurement efforts, such as using Service Table of Allowance (TOA), may be considered a transition in this category.

**Fieldable Prototypes:** JCTD fieldable prototype(s) are being used and sustained in theater and is meeting warfighter need

**General Services Administration (GSA) Schedule:** Some or all components of the completed JCTD are placed on a GSA Schedule, making it available for sale government-wide.

## Transition Commitment Scale

0	Transition partners have been identified but discussions have not begun.
1	Initial talks with transition partners are underway
2	Basic concept and strategy agreed to and there is interest by target transition partners to participate.
3	Transition strategy developed and agreed to by transition partners at working level
4	Transition strategy developed and agreed to by senior leadership in transition partner organizations
5	Transition strategy approved per 4 above and Technology Transition Agreement is being drafted.



# SECDEF Priorities on Quad

Identify which SECDEF priority the JCTD proposal will support. If it supports more than one put a “P” for primary support and a “S” for secondary support. See complete names of priorities and definitions below.

<b>A2AD</b>	Maintain ability to project power in areas in which our access and freedom to operate are challenged.
<b>Homeland Defense and provide Support to Civil Authorities</b>	US forces will continue to defend US territory from direct attack by state and non-state actors. We will also come to the assistance of domestic civil authorities in the event such defense fails or in case of natural disasters, potentially in response to a very significant or even catastrophic event.
<b>Building Partnerships</b>	The ability to set the conditions for interaction with partner, competitor or adversary leaders, military forces, or relevant populations by developing and presenting information and conducting activities to affect their perceptions, will, behavior and capabilities. (BA JCA Definition)
<b>Combating Terrorism and Irregular Warfare</b>	Disrupt, dismantling, and defeating al-Qa’ida and preventing Afghanistan from ever being a safe haven again. As U.S. forces draw down in Afghanistan, our global counter terrorism efforts will become more widely distributed and will be characterized by a mix of direct action and security force assistance.



# Explanation of Terms on Funding Summary Chart



## JCTD Funding Plan - Terms and Color Coding Guidance

Committed Partner Cash Contributions	These are funds that have been committed to the JCTD by someone in the organization authorized to commit funds for that organization. This commitment should be in writing.		
Uncommitted Partner Cash Contributions	These are funds that have been identified by the organization that may be available to support the execution of the JCTD but have not yet been committed by the organization.		
Stated JCTD Partner Cash Requirement	This is the total partner funding needed to execute the JCTD. It may or may not equal the partners committed and uncommitted cash contributions.		
JCTD Program Funds	These are the funds that would be provided by the JCTD Program Office if the JCTD is approved. They are pending until JCTD approval.		
Critical Non-Cash Resources	Critical Non-cash Resources (CNCR) should (1) directly support the execution of the JCTD (2) be in control and direction of the JCTD management team (3) be critical for the execution of the JCTD (JCTD couldn't be executed without the contribution). If one or more of these characteristics not present then a closer look is needed to determine if it is really a CNCR. Normally sunk costs or past expenditure should not be included as a CNCR contribution.		
Committed Partner Critical Non-Cash Resources	These are non-cash resources that have been committed to the JCTD by someone in the organization authorized to commit resources for that organization. This commitment should be in writing.		
Uncommitted Partner Critical Non-Cash Resources	These are non-cash resources that are needed to execute the JCTD; have been identified by an organization as potentially available to support the execution of the JCTD but have not yet been committed by the organization.	<b>Green</b>	90% or greater of all non-RF cash resources are committed by headquarters Service reps and/or Flag/SES or equivalents. At least 50% of cash is from non- Rapid Fielding funds.
Percentage of Partner Cash Committed	This equals the cash committed by the partners divided by the total of committed and uncommitted cash by the partners.	<b>Yellow</b>	60%-89% of all non-RF cash resources are committed by headquarters Service reps and/or Flag/SES or equivalents. Between 25% and 49% of cash is from non-Rapid Fielding funds.
Percentage of Cash that is JCTD Program Funds	This equals the funds being provided by the JCTD Program Office divided by the total cash being committed by all partners to include the JCTD Program Office.	<b>Red</b>	Less than 60% of all non-RF cash resources are committed by Headquarters Service reps and/or Flag/SES or equivalents. Less than 25% of cash is from non- Rapid Fielding funds.



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# Selection & Approval Consideration Tech Readiness

<b>Technology Readiness – Proposal Selection</b>	<b>CNB/CDB</b>
TRL 6-9	<b>T1/Green</b>
TRL 5	<b>T2/Yellow</b>
TRL 4	<b>T3/Red</b>
TRL 1-3	<b>T4/Red</b>



# Selection & Approval Consideration Transition



Transition Commitment – JCTD Proposal Selection	CNB/CDB
Program /path and funding identified.	Green
Program/path identified and working with transition partner(s) to reach agreement on funding.	Yellow
Program /path has not been identified.	Red



# Selection & Approval Consideration Management



## During the CNB/CDB Review:

**Green** – COCOM sponsor, Technical Manager (TM), Operational Manager (OM), and Transition Manager (XM) organizations identified and committed to executing program.

**Yellow** – All key participant organizations identified. However, one or two of the COCOM sponsor, TM, OM, XM organizations not fully committed to supporting the execution of the JCTD.

**Red** – Of COCOM sponsor, TM, OM, and XM more than two have not been identified or are not fully committed to supporting the execution of the JCTD.



# Selection & Approval Consideration Funding

## Two Independent Considerations:

<b>Green</b>	90% or greater of all non-RF cash resources are committed by headquarters Service reps and/or Flag/SES or equivalents.	At least 50% of cash is from non-Rapid Fielding funds.
<b>Yellow</b>	60%-89% of all non-RF cash resources are committed by headquarters Service reps and/or Flag/SES or equivalents.	Between 25% and 49% of cash is from non-Rapid Fielding funds.
<b>Red</b>	Less than 60% of all non-RF cash resources are committed by Headquarters Service reps and/or Flag/SES or equivalents .	Less than 25% of cash is from non-Rapid Fielding funds.

Note: Either consideration can make it green, yellow or red.



# Selection & Approval Consideration Schedule

Color	Duration of JCTD	Schedule Risk
<b>Green</b>	A - Project execution is anticipated to be 24 months or less from receipt of first RF funds or end of Congressional Notification period if no RF funds planned for first year.	1- Low.
<b>Yellow</b>	B - Project execution is anticipated to be between 24+ to 36 months from receipt of first RF funds or end of Congressional Notification period if no RF funds planned for the first year.	2- Medium
<b>Red</b>	C - Project execution is anticipated to be over 36 months from receipt of first RF funds or end of Congressional Notification period if no RF funds planned for the first year.	3 - High.

