

# Iraq Theater

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## (U//FOUO) Communication Integrators (COMM-I) CONOPS

(DMC-Issued Document ID)

October 31, 2006

Version 1.0

**UNCLASSIFIED//FOUO****(U//FOUO) Communication Integrators (COMM-I) CONOPS**

| <b>(U//FOUO) Document Change History</b> |             |  |                                 |
|--|-------------|--|---------------------------------|
| <b>Version</b>                           | <b>Date</b> | <b>Author</b>  | <b>Change Description</b>       |
| 1.0                                      | 10/10/06    | <b>James Pasley</b> , Strategic Plans & Policy Action Officer<br>james.pasley@iraq.centcom.mil | Initial CONOPS outline document |
|  |             |  |                                 |
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|  |             |  |                                 |

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# 1 (U) COMMUNICATION INTEGRATORS (COMM-I)

## 1.1 (U//FOUO) USCENTCOM Definition

(U//FOUO) Communications Integrator (COMM-I) is the USCENTCOM component or agency responsible for the coordination and integration of all communication services and capabilities at designated USCENTCOM operating locations. The COMM-I/service component will implement CENTCOM guidance and oversight at their designated location to include network services (DISN, etc.) network applications (VOIP/VOSIP, active directory, etc) and network security.

(U//FOUO) The focus is implementation and optimization of mission support resources. To facilitate this optimization at each location, the COMM-I/service component will charter and chair a local C4 Configuration Control & Interoperability Board with participation from all tenant COMM-I/signal units assigned to the location. Additionally, the COMM-I will participate on base-infrastructure and facility boards and panels to ensure COMM requirements are met during stabilization, modernization, and facility planning.

(U//FOUO) COMM-I/service component provides a survivable and diverse base/camp/post/station network to include long-haul bandwidth connectivity, technical control, and an installation backbone network with area distribution nodes (ADN)/information transfer nodes (ITN).

(U//FOUO) COMM-I/service component provided support ends at the communications room (wiring closet) in each permanent/semi-permanent structure. Where tactical connectivity is necessary, the COMM-I/service component will provide external (junction box) connectivity for the arriving tenant units. Unless written into an appropriate service level agreement with the COMM/service component, all other information technology (IT) support assets and services (IP data network equipment, desktop systems, telephone end-instruments, hand-held radios, line of sight radios, inside plant cabling etc.) are user funded, provided, installed and maintained.

(U//FOUO) COMSEC support: if the operational force requirements at designated locations are significant in size and duration, the COMM-I/service component will assess the need for a COMSEC account or sub-account with electronic key management system (EKMS) capability. Should the COMM-I/service component not be currently sourced to provide a COMSEC manager/sub-account custodian, the COMM-I/service component will establish a transition and long term plan to source the necessary support. At a minimum, the local COMSEC service provider will reach an agreement to enable the COMSEC manager to directly support the COMM-I/service component until such time as the COMM-I/service component can be permanently sourced for this critical resource. the COMSEC account or sub-account

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custodian/manager is responsible for distribution of COMSEC key to support all missions assigned to the location. COMSEC responsibilities are outlined in COMCOM controlling authority policy and service-level guidelines. Once the joint COMSEC publication is released, this document will guide COMSEC responsibilities and operations at each location. At a minimum, in addition to key distribution, the COMM-I/service component COMSEC manager is responsible for supersession as needed, incident management and resolution, and periodic account inspection.

(U//FOUO) Frequency Management: The COMM-I/service component will identify an installation spectrum manager (ISM for their location. The ISM is responsible to track all frequency usage for the installation and provide direct support to the COMM-I/service component on frequency management matters. If the current ISM is attached to another service, an interim agreement will be reached to provide ISM support to the applicable COMM-I/service component until the COMM-I can source its own ISM, or a permanent agreement can be reached to matrix the ISM to the COMM-I/service component. The ISM will maintain a current listing of authorized frequencies in use by transmitters operating at that location, and will coordinate with the CJOA frequency management office to ensure the frequency use plan for that location is up to date. Additional ISM responsibilities are outlined in USCENTCOM Standard Operating Procedure designation and responsibilities of the installation spectrum manager (ISM) dated 26 JUL 05.

(U//FOUO) While the COMM-I/service component does not have the responsibility of providing application layer (or higher) support, the COMM-I/service component can restrict network use determined to have undue negative impact on network performance. This restriction will be coordinated and directed through the appropriate NETOPS C2 structure established in ref. I. At a minimum, coordinate restrictions with the first level of network C2 above the COMM-I (JCCC or other theater level CCC).

(U//FOUO) JWICS access and connectivity requirements will continue to work through appropriate intelligence community channels. The COMM-I/service component will assume the responsibility for the overall JWICS architecture and supportability IAW intelligence community guidance and directives. Additional guidance will be published to outline specifics for each COMM-I location.

(U//FOUO) To efficiently satisfy the Joint communications requirements, the COMM-I/service component, IAW Joint and CENTCOM guidance and directives, will develop a transition strategy and consolidate all pre-existing COMMS assets. This transition strategy, at a minimum, will address each COMM-I/IGPBS location.

(U//FOUO) During the COMM-I/Service component implementation period, strategic assets may transition from one service to another, as required, to accomplish assigned missions. should a service non-concur with a specific re-use plan, the Corporate Board will adjudicate IAW REF. K.

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(U//FOUO) Should these assets become unnecessary at the current operating location, the corporate board will adjudicate their potential re-use within theater. After the asset/item is deemed unnecessary for theater re-use, the owning service component has the "right of first refusal" regarding re-deployment/disposal.

(U//FOUO) As mission changes occur, updates to the BOS matrix and corresponding COMM-I designations may be necessary. Coordinate all periodic updates with components prior to BOS matrix and COMM-I changes.

(U//FOUO) Vest Budgetary responsibility for all long haul communications costs will be vested in the Title X authority for each respective COMM-I at their designated locations. CENTCOM will assist the respective Title X authorities in this process and will continue to advocate through the Joint Staff and OSD for the necessary POM budget support of the respective service.

(U//FOUO) CENTCOM will coordinate with the respective Title X authority/executive agents to help provide cost data for long haul bandwidth associated with each COMM-I location.

(U//FOUO) To facilitate budgetary formation and cost sharing agreements, the COMM-I and all tenant units will establish a baseline of communications support at each location. Baseline communications support will include all basic DISN subscriber services: NIPR, SIPR, CENTRIX, DSN, DRSN, VTC, etc., as required. USCENTCOM strongly encourages the establishment of local service level agreements (SLA), via memorandums of agreement (MOA) or memorandums of understanding (MOU) to document the level of communications support between the COMM-I and tenant units. Once levels of services are agreed upon, the appropriate MOA or MOU is established. These MOA's or MOU's must be site specific due to differing missions and populations. CENTCOM will assist in the development of the MOA's or MOU's if requested by the service component/Title X executive agent headquarters of the respective COMM-I.

(U//FOUO) If a tenant unit requires communications services above and beyond the basic DISN services, and/or beyond the wiring closet point of presence, the COMM-I/service component and tenant unit will document these arrangements in the SLA via an MOA/MOU. In these cases, tenant units should expect to provide cost reimbursements to the service component/Title X authority of the COMM-I, based on a fair share of costs/fee-for-service agreement.

(U//FOUO) All operations and maintenance (O&M) responsibilities and costs to sustain current communications support will remain with the current service component/Title X authority for the remainder of FY07. COMM-I/service component responsibility for all long haul communications support costs and baseline service costs will commence in FY08. IAW COMM-I definition and responsibility, all user owned and operated C4/IT sustainment costs will remain with their respective service/component.

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(U//FOUO) Commencing in FY08, the COMM-I/service component will budget for the O&M costs for all long haul connectivity (i.e. DKETS/OKETS costs, transponder leases, O&M contractors, etc.) technical control, main telephone switch, and supporting ADN/ITN activities up to the communications closet/point of presence at their designated locations.

waivers to this policy must be approved by the corporate board. Any tenant unit requesting additional non-baseline communication services will be responsible for those service costs as documented in the appropriate MOA/MOU.

(U//FOUO) Incoming units requesting service on a COMM-I location will maintain budget responsibility for additional services until such time as the COMM-I/service component can include the new level of service/requirement in the next budget cycle.

(U//FOUO) USCENTCOM J6 will work with components/agencies to assess transponder costs/fair share basis for each task order (T.O.) supporting the theater network backbone connectivity.

## 1.2 (U//FOUO) Vision

(U//FOUO) The Vision is implementation and optimization of mission support resources. To facilitate this optimization at each location, the COMM-I/service component will charter and chair a local C4 Configuration Control & Interoperability Board with participation from all tenant COMM/signal units assigned to the location. Additionally, the COMM-I will participate on base-infrastructure and facility boards and panels to ensure COMM requirements are met during stabilization, modernization, and facility planning.

(U//FOUO) The Communications Integrator (COMM-I) is the USCENTCOM component or agency responsible for the coordination and integration of all communication services and capabilities at designated USCENTCOM operating locations. The COMM-I concept is designed to:

- Secure funding for future C4 commercialization and sustainment
- Effectively posture ourselves for the long war
- Support communications efficiencies in our network

(U//FOUO) The goal is to ensure that joint communications requirements are met IAW the Global Defense Posture (GDP), while maximizing the capabilities from scarce monetary, materiel, and personnel resources.

(U//FOUO) USCENTCOM J6's COMM-I policies apply to all operating locations within Iraq regardless of Service affiliation. The provisions herein apply to all units requiring access to communications connectivity or use communications equipment. All communication leaders must be aware that non-compliance or deviation from the



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standard will jeopardize base support or funding from USCENTCOM. Comm-I policies developed by MNF-I are derived from guidance set forth by USCENTCOM.

### 1.3 (U//FOUO) Mission

(U//FOUO) The COMM-I for MNF-I / MNC-I NETOPS is responsible for planning, integrating, and coordinating resources for all communication services at designated COBs, FOBs and CSCs through:

- NETOPS Functions
- Coordination of all Signal Assets, Mayor Cell/ASGs, customers and service representatives
- Coordination / Integration of Resources
- Technical control facility management/NetOps
- Infrastructure support to the end user building
- Coordination and direction for infrastructure systems

### 1.4 (U//FOUO) Short-Term Goals & Objectives

(U//FOUO) The COMM-I short-term goals & objectives are:

- To provide situational activities to the JNCC and five pillar domains
- To begin interfacing with of all local communication infrastructure entities; which would include signal commands, commercial Mayor Cell, military Area Support Group (ASG), Senior Airfield Authority (SAA), and other military service representative groups
- To establish immediate coordination and facilitation of funding resources

### 1.5 The COMM-I short-term goal is to establish and build relationships with the local entities and groups. (U//FOUO) Long-Term Goals & Objectives

(U//FOUO) The COMM-I enterprise framework is designed around five main concepts: 1) Fiscal oversight, 2) Investment accountability, 3) Local Responsibility, 4) Enterprise situational awareness, and 5) Approval of enterprise infrastructure changes at the local sites throughout the theater.

The long-term goals and objectives for the COMM-I are:

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- To be the central lead agent at all Technical Control Facility (TCF) for any changes, modifications and new requirements
- To provide long-term funding and budget support for local Operational & Maintenance (O&M) and new infrastructure requirements
- To reduce existing O&M and future requirement costs by consolidating all local change requests to the COMM-I

(U//FOUO) The COMM-I role is to provide local funding and allocation of infrastructure resources. The long-term goals for the COMM-I are to facilitate with all commands and services on the ground. The coordination and facilitation efforts will reduce costs and increase efficiency in Return on Investment (ROI) assets.

## 1.6 (U//FOUO) COMM-I NETOPS Concept

(U//FOUO) The NETOPS concept of reporting allows situational awareness and reporting of Comm-I issues through the NETOPS reporting chain of command. The reporting process gives the Theater Manager (Force COMM-I) a single consolidated end to end common operating picture and a means of rapidly resolving issues. In order to understand the COMM-I reporting with the NETOPS framework, the entire JNCC-I NETOPS instruction need to be reviewed and the following principles must be understood in regards to the NETOPS framework:

- How Network platforms are deployed throughout the ITO
- How the Network receives and process events from network elements
- Integration between other network management platforms
- Integrated, real-time network monitoring and analysis
- Real-time modeling and simulation for planning, operation, and maintenance
- Information necessary to engineer optimized WAN routing for new technologies
- (QoS, VOSIP). Automated analysis and reporting
- Configuration files and device information across Tier 1 routers
- Configuration management toolset
- Performance management capabilities for analysis and trending of network traffic

(U//FOUO) The Joint Network Operations Control Center (JNCC) provides a common set of enterprise communication services and systems to enable the war fighter to perform his mission. The JNCC-I is the reporting channel for all COMM-I issues.

(U//FOUO) The JNCC-I operational actions have been divided into five NetOps reporting functions, or pillars to handle COMM-I action items that are submitted to JNCC-I. The pillars within the JNCC-I who will assist the COMM-I in resolving issues are as follow:

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- Monitoring, Reporting, and Outage Restoration
- Network Engineering
- Information System Operations
- Network Defense
- Content Management and Information Sharing

## 1.7 Roles & Responsibilities

(U//FOUO) In the Iraq Theater, numerous key players stabilizing operations and manage changes to the COMM-I Program. Some of these roles are consolidated in the JNCC enterprise while others are spread across theater, the local or regional site. The premise behind two distinct groups is rooted in the belief that a central location and enterprise operations will provide oversight for the enterprise communications architecture with input from the local sites. It is important that local sites are providing new requirements, funding, execution, delivery, O&M to enterprise operations and local situational awareness activities to the enterprise operations and change management groups.

(U//FOUO) These various levels of roles and responsibilities have a significant impact to the overall COMM-I enterprise and local management activities. The Iraq Theater has identified the following roles key and essential: enterprise roles; enterprise responsibilities; local roles; and local responsibilities.

### 1.7.1 (U//FOUO) Enterprise Roles

(U//FOUO) There are several key enterprise roles that have a significant impact to COMM-I enterprise and local management activities. The Iraq Theater has identified the roles key positions.

- Theater COMM-I/Designated Approving Authority (DAA): leads unity of focus for all Iraq Theater enterprise communication information systems. The DAA is the enterprise Communication Integrator (COMM-I) who has supporting elements in local regions. There is only one COMM-I with many COMM-I Executive Agents throughout theater.
- JNCC Director, Supports all communication Theater Managers in enterprise efforts and leads the enterprise network operations.
- JNCB Board, a collection of individuals who chair and vote on change request solution packages
- C6 Validation Board, Validates technical feasibility and ensures enterprise oversight requirements have been vetted through the appropriate enterprise groups for additional plant and equipment at all Forward Operating Bases (FOBs), Contingency Operating Bases (COB's), and Convoy Support Centers (CSC's)

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- 335th Funding Body, Represents the capital arm for enduring Contingency Operating Bases (COBs) in Iraq Theater. The 335th will Co-chair the CCIB with the COMM-I.

**1.7.2 (U//FOUO) Enterprise Responsibilities**

(U//FOUO) Along with each role, there are essential responsibilities for each member to perform in order to successfully manage change. The Iraq Theater has identified the following key areas of responsibilities.

- COMM-I/Designated Approving Authority (DAA): is the unity of focus for all communication information systems operating in Iraq Theater. The DCS CIS is responsible for approving or denying all purchase requests for communications equipment or services by MNC-I units using OMA funds. She/He ensures that enterprise systems and services are compliant and available for use by Coalition and US forces to conduct their missions. This person is the Iraq Theater Designated Approving Authority (DAA) for all communication systems.
- The C6 Validation Board Represents the funding arm for communication information systems operating in Iraq Theater. The Validation Board is responsible for recommending to the Designated Approving Authority (DAA) which purchase requests to approve or deny for communications equipment or services by MNC-I units using OMA funds.
- JNCC Collection of individuals that provide a common set of enterprise communication services and systems to enable the war fighter to perform his mission. The JNCC is responsible for aligning all five pillar domains (e.g., Network Engineering, Content Management, Information System Operations, Network Defense and Monitor & Reporting) into a single enterprise mission.
- JNCB is a collection of individuals that represent the interests of the enterprise network. Network Defense, Network Engineering, Monitor & Reporting, Information System Operations, and Content Management are members of the board. The JNCB board adjudicates change requests in an efficient and effective manner without significantly impacting enterprise network operations.
- The Pillar Leaders are the formal subject matter experts in their specialization area. These individuals are responsible for identifying enterprise impact areas in their domain. They provide direction and guidance to resolve requirement conflicts.

**1.7.3 (U//FOUO) Local Roles and Responsibilities**

(U//FOUO) There are several key local roles that have a significant impact to COMM-I enterprise and local management activities. The Iraq Theater has identified these roles as essential key figures. Along with each role, there are essential local responsibilities for each member to perform in order to have a successful operational and change control management. The Iraq Theater has identified these areas of responsibilities as essential key groups.

- CCIB, a collection of individuals that represent a functional area activity (e.g., Inside Plant, Outside Plant, Facilities Management, Local Military Commands and Local Military Services) and is responsible for providing the unity of focus for all communication information systems operating locally across the Iraq Theater. The CCIB is responsible for coordinating, facilitating and budgeting for purchase requests for communications equipment or services at local sites. The board is responsible for ensuring that enterprise systems and services are compliant and available for use by Coalition and US forces to conduct their missions. This board represents the local command and services in the Iraq Theater at a specific site.
- Local Help Desk, a collection of individuals who work at a local site that captures and collects requests for essential services and/or creates trouble tickets to send to the appropriate action office for resolution. The help desk is responsible for capturing work orders for additional inside and outside plant work, generating trouble tickets and routing them to the appropriate action office, along with taken in new requirements (e.g., new user accounts, deleting user accounts, et cetera).
- COMM-I Executive Agents (EA), is a collection of individuals dispersed throughout theater who represent the enterprise operations and change control elements at a local site. EA's report directly to a single enterprise COMM-I (e.g., Iraq Theater DAA). The EA is responsible for coordinating, facilitating, budgeting, generating new requirements, and managing the overall local operational and change management activities. The EA communicates directly with the JNCB and JNCC enterprise oversight and operations groups, respectively.
- Area Support Group (ASG), is a collection of individuals who does non-tactical support activities for military functions; such as, local base services (e.g., administrative and logistic capabilities). This group is considered the "mayor" of the base. ASG is responsible for force protection, Moral Welfare & Recreation (MWR), education center, Armed Air Force Exchange Services (AAFES), billeting, transportation and dining facility. These items are considered non-tactical operations.
- Senior Airfield Authority (SAA), is an individual who manages the air field, operations and maintenance activities associated with aircraft. SAA is responsible for the control, operation and maintenance of the airfield, which may include the runways, associated taxiways, and parking ramps as well as land and facilities whose proximity affects airfield activities. The SAA controls the flight line access and for safe movement of aircraft in the airport traffic area and on all airfield surfaces.

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- Mayor Cell, is a collection of individuals who does non-tactical support activities for military functions; such as, local base services (e.g., administrative and logistic capabilities). This group is considered the "mayor" of the base. Typically, the Mayor Cell is a contractor arm to the ASG. All local bases will have a Mayor Cell who may work for the ASG; depending on whether the ASG entity exists on site.
- Military Service Representative Groups is a collection of individuals that represent specialties on the local base (e.g., frequency management, Information Assurance, Inside and Outside Plant, Crypto, COMSEC, transmissions, technical control facility, et cetera).

**1.7.4 (U//FOUO) Local Responsibilities**

(U//FOUO) Along with each role, there are essential local responsibilities for each member to perform in order to have a successful operational and change control management. The Iraq Theater has identified these areas of responsibilities as essential key groups.

- Mayor Cell, is a collection of individuals who does non-tactical support activities for military functions; such as, local base services (e.g., administrative and logistic capabilities). This group is considered the "mayor" of the base. The Mayor Cell is responsible for force protection, Moral Welfare & Recreation (MWR), education center, Armed Air Force Exchange Services (AAFES), billeting, transportation and dining facility. These items are considered non-tactical operations. The Mayor Cell reports to the ASG, if one exists on site.
- Military Service Representative Groups is a collection of individuals that represent specialties on the local base (e.g., frequency management, Information Assurance, Inside and Outside Plant, Crypto, COMSEC, transmissions, technical control facility, et cetera). The Military Service Representatives are responsible for specific areas of focus. The Service Groups provide subject matter experts to the CCIB.

**1.8 (U//FOUO) CCIB Execution Process**

(U//FOUO) The following are rules of engagement for Communication COMM-I Integration Board (CCIB) management to be successful, effective and efficient:

**1.8.1 (U//FOUO) Authority**

(U//FOUO) The CCIB may approve local procedural solutions by a unanimous vote for issues not requiring enterprise involvement. The CCIB will then notify the enterprise JNCB and post the results. Issues where a unanimous approval cannot be reached or where a voting member of the CCIB determines enterprise approval is required, the matter shall be taken to the enterprise JNCB for decision.

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(U//FOUO) The CCIB may form working groups as required to resolve specific issues, process or procedural questions and direct local actions to improve the communication, coordination and overall situational awareness on the health of the local network.

(U//FOUO) Decisions by the CCIB, unless otherwise specified, are assumed to be established precedence for the local network operations and change control requests. Their decision will be incorporated into the local standard operating procedures.

**1.8.2 (U//FOUO) Meetings**

(U//FOUO) The CCIB voting members will convene every Saturday afternoon with agenda items for a discussion and a determination (i.e., board vote). If required, the CCIB members can meet by VTC to address specific issues as directed by the JNCC and/or JNCB Chairman. However, most meetings will be held locally to discuss and determine a course of action for local change requests. Any voting member of the CCIB can request that the CCIB Chairman call a special meeting of the CCIB.

(U//FOUO) The CCIB non-voting members may convene every Saturday afternoon with voting members as deemed necessary.

**1.8.3 (U//FOUO) Scope**

(U//FOUO) Operational and Change requests items or issues will be brought before the CCIB only with the sponsorship of local help desk. The CCIB will establish published guidelines to assist the local community in determining which items or issues will be brought to the CCIB. In general, all changes in local operations and configuration management should be reviewed by the CCIB prior to being inserted into portfolio management processes or connected to networks in the USCENTCOM Iraq Theater.

**1.8.4 (U//FOUO) Board Members**

(U//FOUO) The members of the board shall consist of local stakeholders'. The following local stakeholders' shall provide a representative to attend CCIB meetings: military command representative, transmission engineer, frequency management, inside plant, outside plant, ASG (or Mayor Cell), SAA, Information Assurance (IA), COMSEC, Crypto and help desk.

(U//FOUO) The voting members are the local leaders: 335<sup>th</sup> funding person, COMM-I EA and the local military command. If necessary, external voting members may be determined at a future date.

(U//FOUO) Each voting member may delegate responsibility to another representative, within their own area, as a proxy member to attend board meetings and cast a vote. Any delegations must be submitted to CCIB chair persons prior to any board meeting.

**1.8.5 (U//FOUO) Board Chairmen**

(U//FOUO) The CCIB shall be headed by two chair persons. The co-chair is responsible for leading the board meetings. The COMM-I EA will provide the administrative functions for the board during their meetings. One chair person is

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represented by the 335th and the other is COMM-I EA. The chair persons have the authority to present Rules of Engagement modifications to the voting members for consideration and approval.

## 1.9 (U//FOUO) Management Frame Work

(U//FOUO) MNF-I CIS DCS (C6) is the Force COMM-I for the I-TIG. The Force COMM-I is responsible for providing guidance, coordination and integration of all communication services and capabilities at designated locations in the Iraqi Theater of Operations. The Force COMM-I in coordination with MNC-I (C6) and the Theater Signal Brigade Commander will manage COMM-I EA across the ITO through the JNCC. The Force COMM-I will coordinate with CENTCOM, CENTAF, MARCENT and ARCENT when required to facility joint requirements.

(U//FOUO) AOR COMM-I EA. All MNC-I designated COMM-I EA within the ITO are responsible to the JNCC for implementation and optimization of mission support resources. To facilitate this optimization the COMM-I EA will Charter and Chair a local C4 Configuration Control and Interoperability Board (CCIB) with participation from all tenant and subordinate communication and signal units assigned to respective AOR. Additionally the COMM-I will participate in base infrastructure board and panels to ensure communication requirements are met during consolidation, modernization, and facility planning.

(U//FOUO) Network Control. The JNCC-I will provide I-TIG situational awareness and operational impact assessment to the MNF-I Force Comm-I, MNC-I C6; and the Theater Network Commander-Iraq (TNC-I). All issues that affect NetOps, or require higher level coordination for resources or other issues must be reported through the NetOps reporting chain of command to the JNCC.

(U//FOUO) Help Desk Support. Customer requiring assistance with any aspect of C4 communications will submit their request to the Local or AOR Help Desk. Once a request is received it will be entered into the help desk system on a remedy ticket for resolving at the lowest level. All remedy tickets will be action to the CCIB.

(U//FOUO) Communication Configuration Interoperability Board (CCIB). This board will be chaired by the COMM-I EA in most cases and in some case it will also be co-chaired by the funding organization. This board will consist of the following Joint Team Managers: Information Assurance, C4 Infrastructure, COMSEC, Frequency Management, and Transmission Manager and other local C4 communications leaders. The CCIB will meet as needed to: review the site C4 configuration baseline; identify future requirements; execute plans and manage O&M. All decisions from the CCIB will be forwarded to the JNCC for situation awareness or further review by the JNCB.

(U//FOUO) Local Service Request Forms (LSR). All Trouble Tickets requiring the assistance of the Communication Integrator will be discussed at the Local CCIB.



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Recommendations from the CCIB will be forwarded to the JNCC on a Class 1, 2 or 3 Local Service Request Form.

(U//FOUO) Class 1 applications are submitted for: new installation requirements; requests requiring major architecture solutions or funding in order to implement a task. Examples of a Class 1 submission are new enterprise networking infrastructure, enterprise services, communications infrastructure, inside or outside plant projects or extending new enclaves.

(U//FOUO) Class 2 applications are used when a requestor requires funding for operations and maintenance, solutions to unresolved issues or situation awareness. Class 2 applications do not require a major architecture solution however it may require significant planning, coordination, and enterprise resources.

(U//FOUO) Class 3 applications are used when a solution has been delivered to the requestor and employment has taken place to implement the product to the user. Additionally, Class 3 applications are used to notify the JNCB that the execution of services is complete. Additional information can be added to the Class 3 application as well for situation awareness.

(U//FOUO) Joint Network Configuration Board (JNCB). The JNCB members consist of enterprise stakeholders who will meet weekly to review, discuss and resolve specific issues as directed by the JNCB Chairman. The output from this board will be forwarded to the C6 Validation Board, JNCC, CCIB for action or situation awareness.

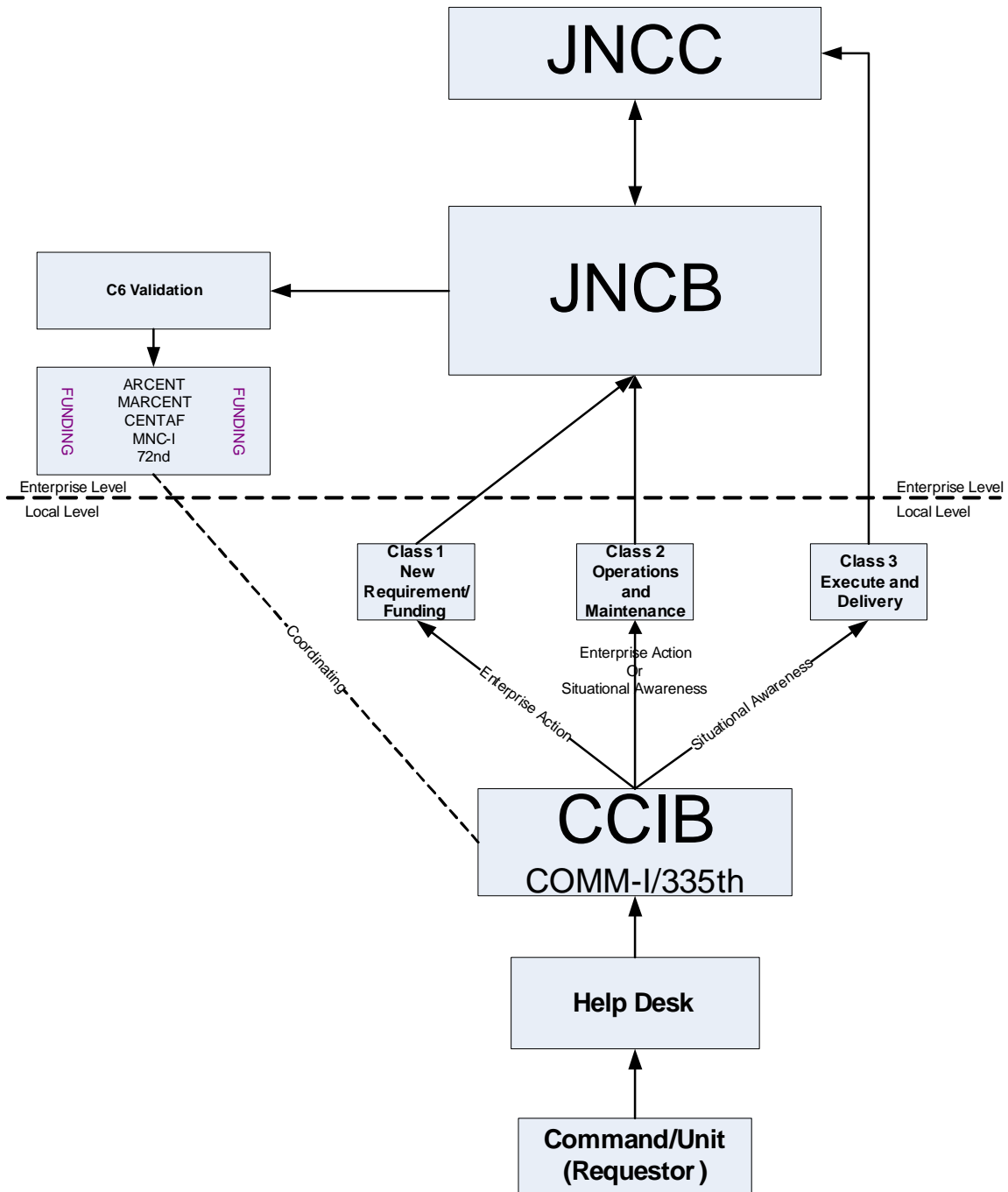
(U//FOUO) Joint Network Communication Center (JNCC). The JNCC will have situational awareness on all Class 1, 2 and 3 applications. The JNCC functional areas are supported by Pillar Leads of the following areas, Monitoring, Reporting, and Outage Restoration, Network Engineering, Information System Operations, Network Defense Content Management and Information Sharing. These Pillars Leads will make recommendations to resolve or implement.

(U//FOUO) C6 Validation Board. The C6 Validation Board is comprised of communication leaders from Multi-National Forces, Multi-National Corps and the Signal Community. All applications forwarded by the JNCB to the C6 Validation Board will be reviewed by the C6 Board. The output from the C6 Board will be forwarded to the Funding Component, JNCC, CCIB for action or situation awareness. .

(U//FOUO) Funding components. All funding organizations will be working closely with the C6 Validation Board to ensure projects are funded correctly. Coordination between the user and the funding organization should take place as soon as possible, however, the provision of funding will not be effected until an agreement is final between the C6 Validation Board and funding organization.

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1.10 COMM-I Execution Process Flow Chart



**1.11 COMM-I Checklist**

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| Item | CHECKLIST  | INT |
|------|--|-----|
| 1    | Review US Central Command TIG NETOPS   |     |
| 2    | Review JNCC-I TIG NETOPS   |     |
| 3    | Review MNF FRAGO 06-381 [Establishment of the Joint Network Operations Control Center-IRAQ (JNCC-I)]   |     |
| 4    | Review MNC-I FRAGO COMM-I NETOPS/CONOPS  |     |
| 5    | Review 120720Z DEC 05 USCENTCOM CCJ6, Subject: Communications Integrator Definition and Responsibilities   |     |
| 6    | Review Joint Network Change Control Board (JNCB) CONOPS  |     |
| 7    | Review MNF-I Communication Integrator CONOPS   |     |
| 8    | Identify appropriate sponsor unit(s) to fill COMM-I positions in order to form Local Network Configuration Board (LNCB)  |     |
| 9    | Establish a Help Desk<br>--Publish Phone Numbers / Email to site<br>--Have smart book available at Help Desk (site diagrams, etc.)<br>--Have a Site Phone Book   |     |
| 10   | Appoint a NETOPS Monitoring and Reporting Team Member<br>--Establish a 24/7 Ops Cell<br>--Check organizational POCs / phone numbers / emails<br>--Publish COMM-I POCs to site  |     |
| 11   | Appoint a Lead Engineer Team Member<br>--Establish a Transmission SME<br>--Establish a Fiber/Cable SME<br>--Create a fiber infrastructure diagram including (ISP/OSP)<br>--Establish a Voice SME<br>--Identify maximum number of phones available on site<br>--Pull/analyze switched voice trunk utilization charts<br>--Establish a Tech Control/Promina SME<br>--Establish a Data SME<br>--Identify IP Ranges<br>--Identify LAN capabilities and ensure correct utilization of customers |     |
| 12   | Appoint a Network Defense COMM-I Team Member<br>--Develop a Database of all unit IA's<br>--Report and investigate all Site Spills<br>--Publish and keep the command informed on Site trends in IA/ND   |     |
| 13   | Appoint an Information Systems COMM-I Team Member<br>--Doublecheck baseline status of organic computers<br>--Publish and maintain LAN standards<br>--Develop a Database of all unit IMOs<br>--Maintain customer awareness of LAN issues  |     |
| 14   | Establish Standard Operating Procedures for COMM-I Functional Team based on higher level CONOPS IAW items 1-6  |     |
| 15   | Assumed the roles and responsibility of COMM-I for local area IAW item   |     |

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