

# CHAIRMAN OF THE JOINT CHIEFS OF STAFF INSTRUCTION

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J-6

DISTRIBUTION: A, B, C, J, S

CJCSI 6260.01B

30 June 2004

## COALITION WARRIOR INTEROPERABILITY DEMONSTRATION

References: Enclosure E

1. Purpose. This instruction establishes guidelines and assigns responsibilities for planning and executing Coalition Warrior Interoperability Demonstration (CWID). This program was formerly known as Joint Warrior Interoperability Demonstration (JWID).
2. Cancellation. CJCSI 6260.01A, 30 June 2002, is canceled.
3. Applicability. This instruction applies to the Joint Staff, Military Services, combatant commands and Defense agencies.
4. Policy
  - a. General. CWID (formerly known as JWID) is the Chairman of the Joint Chiefs of Staff's (Chairman's) annual event that enables the US combatant commands, national civil authorities and the international community to investigate command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR) solutions that focus on relevant and timely objectives for enhancing coalition interoperability and exploring new partnerships. This event is conducted in a simulated operational environment to provide context for warfighter and national civil authorities validation of those solutions. Inclusion of national and regional interoperability objectives that augment CWID objectives is encouraged, but remain subordinate to the core objectives and are the responsibility of the sponsor.

(1) Trials are the activities used to address the coalition and interagency interoperability objectives selected each year. Trials strive to address warfighter requirements and interoperability deficiencies. Ideally, they will benchmark successes that can immediately support and enhance operations requiring US, multinational or interagency cooperation. The selection of trials

is dependent upon the annual overarching objectives, the host combatant command's priorities, combatant commanders, Services and agencies' (C/S/A's) desire to partner in a proposed trial, interagency participation, the requirements of invited coalition participants and the trial's ability to meet criteria published in the CWID Federal Business Opportunities (FBO) announcement.

(2) The operational environment (simulated) is created by the host combatant command and provides the context for warfighter validation of the proposed interoperability solutions. In general, this consists of a US-led coalition operation with a multinational task force (MTF) staff conducting simulated coalition operations at the combatant command, component and force execution echelons or equivalent interagency level. The environment may include elements of homeland security missions. Homeland Defense and Military Assistance to Civil Authorities pose challenges similar to those that multinational military coalitions must address during operations. Interoperability between communication systems is essential. C4 responsibilities may cross multiple intergovernmental boundaries. CWID provides a forum for exploring solutions to these challenges.

(3) CWID requires a coalition information environment that will consist of one or more coalition information domains. This environment will interconnect all coalition participants using the CWID Coalition-Wide Area Network (CWAN), a multinational secure network. This network will promote and enable information exchange capabilities among the multiple coalition information domains required to support all participants. CWID will be conducted as a US-sponsored initiative within the Combined Federated Battle Laboratories Network (CFBLNet). The CWID CWAN will utilize the CFBLNet as the permanent baseline for network connectivity. The CWID event may be the culmination of a series of interoperability initiatives conducted over the CFBLNet. The capability to connect this network to national networks, incorporate a variety of coalition participants and promote agile, information exchanges support information superiority, the overall Net-Centric warfare approach and steps toward the implementation of the Global Information Grid (GIG).

b. Goals and Objectives

(1) The goal of CWID is to enhance coalition and interagency operations through the demonstration and improvement of C4ISR interoperability. Coalition and interagency operations must ensure maximum availability and security for sharing information. Achieving the CWID goal requires addressing interoperability deficiencies and ensures successful solutions are replicable and usable in the field through technical assessment, security and warfighter evaluation, appropriate documentation and dissemination of final products.

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(2) USJFCOM on behalf of the Chairman, and in coordination with the host combatant command, gathers, consolidates, formulates and coordinates CWID overarching objectives from combatant commands, Combined Communications Electronics Board (CCEB) nations, North Atlantic Treaty Organization (NATO) issues, the Joint Staff and challenges for coalition C4ISR interoperability. The CWID Senior Management Group (SMG) recommends approval of the objectives after which the host combatant command prioritizes them. The approval authority for the objectives is USJFCOM. Enclosure A is the baseline organization chart. Enclosure B details organizational responsibilities. Combatant Command, Services, and Agencies (C/S/A), CCEB nations, NATO and NATO nations, other multinational partners and other national civil authorities propose and partner in the selected trials to fulfill the objectives. The objectives and specific trials selection criteria are published at the start of the CWID planning cycle in the CWID announcement message, and FBO announcement developed by the Defense Information Systems Agency (DISA) in concert with USJFCOM. The Joint Staff J-6 releases the CWID announcement message and DISA releases the FBO. Enclosure C details documents that guide CWID.

c. CWID Management

(1) The Joint Staff proposed transfer of oversight of JWID (now CWID) to USJFCOM in September 2003 (reference a). USJFCOM accepted oversight 30 October 2003, with a completion of transfer due in July 2004 (reference b).

(2) On behalf of the Chairman, USJFCOM furnishes oversight of CWID as the Chair, CWID Senior Management Group (SMG). DISA will direct the daily operations for the administration, planning and execution of CWID through the formation and maintenance of a CWID Joint Management Office (JMO). The Director, CWID JMO reports to the SMG Chair regarding the progress and status of the CWID planning cycle and is supported by a working group structure (Enclosure A.)

(3) The SMG is the governing body of CWID. It is a standing O-6 level group responsible for making CWID planning, execution and funding allocation decisions. USJFCOM, host combatant command, US Army, US Marine Corps, US Navy, US Air Force, DISA, the National Geospatial-Intelligence Agency (NGA), National Security Agency (NSA) and the Joint Staff J-6 are the permanent members. The Joint Interoperability Test Command (JITC) and National Guard Bureau (NGB) are non-voting advisers (Enclosure B). USJFCOM as SMG Chair only votes as a tiebreaker.

(4) USJFCOM provides an O-6 level representative to chair the SMG. (Enclosure B).

(5) Joint Staff J-6 provides an O-6 level representative to the SMG. (Enclosure B).

(6) Host combatant command provides the overarching warfighter guidance to CWID. Additionally, the host combatant command provides CWID planning and execution leadership, staffs an O-6 level representative to the SMG, prioritizes the annual CWID objectives, creates an operational environment (simulated) with an MTF staff (as required), participates in execution and chairs working groups (as required) (Enclosure B). The Joint Staff, J-6 solicits the combatant commanders to serve as the host combatant commander for CWID.

(7) Services provide CWID planning and execution leadership, staff an O-6 level representative to the SMG, propose or sponsor trials in response to the CWID announcement message and the FBO announcement, encourage active participation in selected trials, designate a Service execution site and participate in execution (Enclosure B).

(8) Combatant commands provide, monitor and update coalition C4ISR interoperability issues and challenges on the USJFCOM classified information management Web site. These issues and challenges should include input from sponsored multinational participants.

(9) C/S/A, US National Civil Authorities (through USNORTHCOM) and Service laboratories offer trial proposals in response to the CWID Announcement Message and the FBO Announcement and participate in execution.

#### (10) Coalition Participation

(a) CCEB nations and NATO participation will be by periodic invitation from the Joint Staff. Combatant commands may sponsor and invite individual nations to participate, following Joint Staff J-6 coordination and approval.

(b) CCEB and NATO may provide coalition C4ISR interoperability issues and challenges to the US Joint Staff J-6 through the Coalition Coordination Group (CCG) for consideration in the establishment of CWID overarching objectives. They are expected to propose or sponsor trials in response to the CWID announcement message, participate in finalization of trials with the SMG and participate in trials of interest and overall CWID execution.

(c) The CCG comprised of the CCEB and NATO lead representatives, provides a venue to share ideas, enhance global understanding and formulate, coordinate and initiate methods to resolve mutual issues.

(d) Civil Authorities and Agencies of CCEB nations, NATO participants and combatant commander-invited nations may offer trial proposals for consideration via their respective invited military organizations and participate in execution.

(11) Results of CWID trial assessments will be disseminated in the CWID Final Report posted to the USJFCOM classified information management Web site and the unclassified CWID Web page (reference c). USJFCOM will consider recommending material and non-material CWID solutions and results under its Transformation Change Proposal (TCP) process and in accordance with references d through f.

(12) CWID will be evaluated annually for operational performance by the CWID Joint Management Office (JMO), producing a CWID Performance metrics report approved by USJFCOM.

#### d. Funding

(1) CWID is a \$10 million program with USJFCOM, NGA and NSA providing an additional \$1.8 million of in-kind services. The Joint Staff, Services and DISA provide funding in the following apportionment: Joint Staff (\$2.4 million); DISA (\$1.9 million); US Army (\$1.7 million); US Navy (\$1.7 million); US Air Force (\$1.7 million); and US Marine Corps (\$600 thousand). The following organizations provide JWID support as services-in-kind: NGA provides \$800 thousand, NSA provides \$500 thousand and USJFCOM provides \$500 thousand. Funding should be provided as follows: 60 percent Research, Development Test, and Evaluation (RDT&E) and 40 percent Operations and Maintenance (O&M).

(2) Upon receipt of annual appropriations, each funding organization will forward CWID funding to the CWID JMO for execution.

(3) The SMG allocates the CWID funding and approves the yearly spend plan. SMG will seek to hold CWID support overhead to less than 18 percent of the contributed funding.

(4) CWID JMO centrally manages the \$10 million CWID funding allocation in accordance with the SMG-approved annual spend plan.

#### e. CWID Life Cycle

(1) CWID is an annual event with an extended planning period that exceeds 1 year. There will be at a minimum two CWID cycles progressing towards the execution with one CWID event occurring annually.

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(2) CWID Process Chart depicts the entire planning, execution, final report and USJFCOM TCP process.

(3) The CWID Life Cycle and Process Chart are shown in Enclosure D.

5. Definitions. See Glossary.

6. Responsibilities. See Enclosure B.

7. Summary of Changes. This CJCSI changes the name from JWID to CWID. It deletes Joint Staff oversight and tasks USJFCOM to provide oversight and ties CWID results to the USJFCOM Joint Interoperability and Integration (JI&I) TCP fielding process. It adds to the SMG, NSA as a permanent member and NGB as an adviser and increases CWID in-kind funding by accounting for a \$500 thousand each commitment by NSA and USJFCOM. CWID remains an integral component of the C4I for the Warrior (C4IFTW) concept (reference g) and the Joint Vision 2020 conceptual template (reference h).

8. Releasability. This instruction is approved for public release; distribution is unlimited. DOD components (to include the combatant commands), other federal agencies and the public may obtain copies of this instruction through the Internet from the CJCS Directives Home Page--  
[http://www.dtic.mil/cjcs\\_directives](http://www.dtic.mil/cjcs_directives). Copies are also available through the Government Printing Office on the Joint Electronic Library CD-ROM.

9. Effective Date. This instruction is effective upon receipt.

For the Chairman of the Joint Chiefs of Staff:



T. J. KEATING  
VADM, USN  
DIRECTOR, JOINT STAFF

Enclosures:

- A -- Baseline Management Structure
- B -- Responsibilities
- C -- Documents
- D -- CWID Life Cycle and Process Chart
- E -- References
- GL -- Glossary

DISTRIBUTION

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President, Joint Forces Staff College.....	2

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ENCLOSURE A

BASELINE MANAGEMENT STRUCTURE

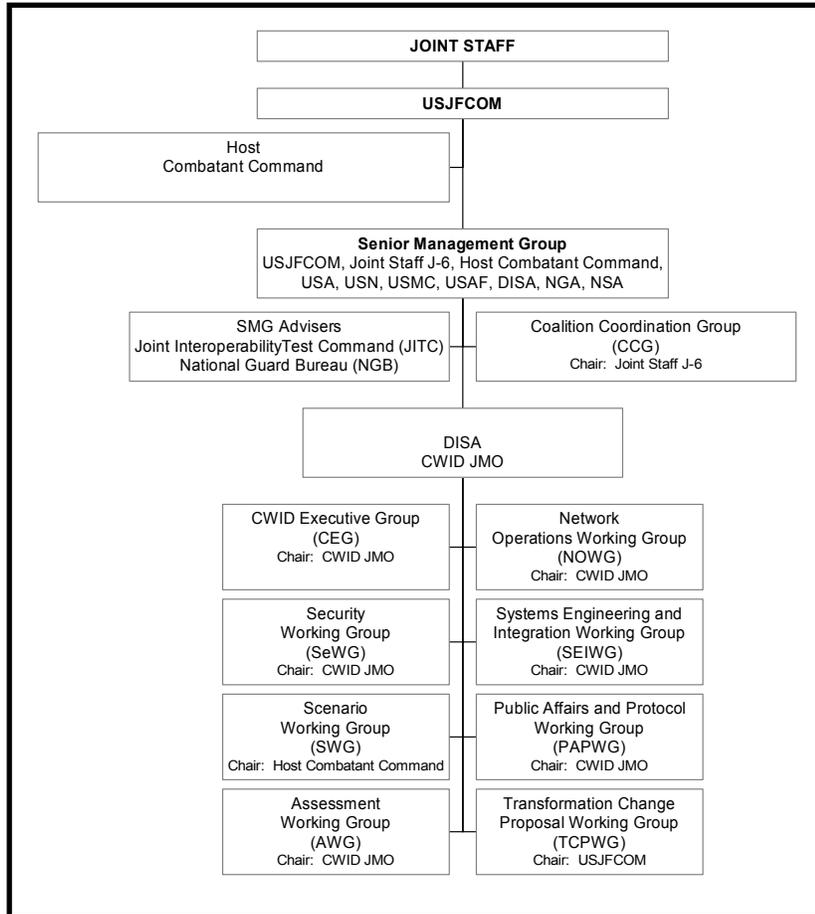


Figure A-1. CWID Baseline Management Structure

Figure A-1 depicts the baseline management structure. It is designed to optimize the planning and coordination needed among the USJFCOM, host combatant command, DISA and the various working groups. Coordination groups are venues to share ideas, gain global understanding and initiate methods to resolve issues that span multiple working groups. Working groups are expected to coordinate directly with organizations while reporting to the CWID JMO Director. Organizations subordinate to working groups will be called committees. The working group chairperson is required to coordinate the committee with the SMG before it is established and incorporated as a CWID organization. The SMG must approve changes to this management structure and may establish or terminate working groups as required. The SMG will validate the working group structure and approve and/or appoint chairs prior to the initial planning conference each year.

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## ENCLOSURE B

## RESPONSIBILITIES

1. The Joint Staff. The Joint Staff J-6 directs each CWID, delegating oversight to USJFCOM and soliciting support from C/S/A and multinational participants. Joint Staff J-6 will:

a. Advise the Chairman of the Joint Chiefs of Staff on all pertinent CWID matters.

b. Coordinate and assign host combatant command responsibilities 12 months prior to the commencement of the CWID planning cycle for which the combatant command will assume host responsibilities.

c. Coordinate with and represent the Joint Staff for CWID activity.

d. Provide Joint Staff funding (\$2.4 million) and ensure Service and/or agency funding is provided to the CWID JMO to execute CWID.

e. Provide an O-6 level SMG representative.

f. Provide the chairperson for the Coalition Coordination Group (CCG).

g. Prepare and extend invitations to CCEB nations and NATO to participate in CWID.

h. Assist in finalizing the CWID objectives in coordination with CWID SMG Chair and the host combatant command.

i. Inform combatant commanders of their ability to propose invitations for participation to nations within their respective areas of responsibility at least 12 months in advance of a CWID events' execution.

j. Review and approve as appropriate combatant command-sponsored invitations to other nations.

k. Offer, in consultation with the Services, the CWID SMG Chair and the host combatant command, the Commander, Multinational Task Force and/or component command leadership positions to invited multinational participants.

l. Coordinate and release CWID Announcement Message.

m. Fully participate in CWID planning, conferences and execution.

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2. USJFCOM. USJFCOM will provide oversight for the conduct of the CWID planning and execution cycle. USJFCOM J616 is the senior executive for CWID and has primary responsibility to:
- a. Provide an O-6 level SMG chairperson.
  - b. Provide chairperson for Transformation Change Proposal Working Group (TCPWG).
  - c. Provide \$500 thousand in services.
  - d. Provide SMG facilitation
  - e. Represent combatant commanders who are not directly participating in CWID.
  - f. Consolidate, review and merge consolidated C4ISR interoperability requirements of all combatant commands on behalf of the Joint Staff and the combatant commanders as the basis for the US input to CWID overarching objectives.
  - g. Coordinate, finalize and approve CWID overarching objectives.
  - h. Assist the Joint Staff J-6 in coordination regarding approval of combatant command-sponsored invitations to other nations.
  - i. In coordination with the SMG and assisted by the Director, CWID JMO prepare the CWID announcement message for release by the Joint Staff, J-6.
  - j. Review and approve the CWID FBO Announcement prior to its legal review and subsequent release by DISA.
  - k. Develop, coordinate and publish the details of how the USJFCOM TCP process, clarifies how CWID technical and security assessments and warfighter evaluations on select trial solutions, from a CWID event, are integrated into a USJFCOM decision-to-field.
  - l. Based on assessment results of CWID trials and in coordination with the SMG membership generate Transformation Change Proposals (TCP) for consideration by the Joint Requirements Oversight Council (JROC), in accordance with references g and h (CJCSI 3170 and CJCSI 3180).
  - m. Ensure a seamless transition to the follow-on host combatant command.
  - n. Approve the CWID Final Report by endorsement and return the report to the CWID JMO for publication and distribution.

- o. In coordination with the host combatant command, develop an actionable results briefing within 45 days after end of execution.
- p. Brief actionable results to all combatant commands.
- q. Prepare a CWID Transition Plan for transfer of host combatant command responsibilities between respective host commands every other year.

3. Services. Each Military Service will:

- a. Provide an O-6 level representative to the SMG. The representative will coordinate Service-sponsored CWID activities and serve as the Service's primary point of contact to the CWID JMO.
- b. Provide proportionate share of the \$10 million required CWID funding to the CWID JMO upon receipt of annual appropriations. US Army, US Navy and US Air Force will each provide \$1.7 million; the US Marine Corps will provide \$600 thousand.
- c. Provide leadership and participation in CWID.
- d. Propose Interoperability Trials, as appropriate.
- e. Provide forces to the host combatant command to support CWID planning, execution, and assessment activities as required.
- f. Cover Service-generated costs that exceed their CWID provided funding (e.g., Service-sponsored trial proposal costs).
- g. Cover all CWID costs above those allotted by the SMG associated with Service-sponsored sites, transportation, travel, and per diem.
- h. Provide warfighter evaluators at component sites and warfighter support at respective MTF component command headquarters, as requested by the host combatant command.
- i. Provide, when possible, warfighters for participation at coalition participants' CWID sites during the execution phase as coordinated by the CWID JMO, and approved by the SMG.
- j. Identify, staff, and operate Service primary site during CWID execution. Ensure necessary CFBLNet and CWAN connectivity is available and maintained.
- k. Identify, staff and operate as many Service secondary sites during CWID execution as considered necessary by the Service for the successful conduct and assessment of proposed trials at Service expense.

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l. Coordinate, via the Service SMG representative, the submission of all trials proposals to the CWID JMO in accordance with the CWID announcement message and FBO Announcement.

m. As coordinated with the Services, provide command and control (C2) systems or system subsets necessary to support the warfighter environment, warfighter assessments, and the basic C2 infrastructure expected by the JTF and component commanders.

n. Collect lessons learned from each Service activity during CWID, participate in their subsequent evaluation, and submit to CWID JMO within 30 days of the conclusion of the CWID execution phase.

o. Provide technical planning, integration, facilities, equipment, software, and operating forces necessary to conduct trial activities sponsored by the Service (including essential representation in the MTF staff) as required.

p. Ensure Service-sponsored site(s) meet requirements for accreditation to include all trials participating at those sites.

q. Ensure Service primary and secondary site drawings are maintained in a standard, electronically accessible format as defined by the CWID JMO.

r. Fully participate in CWID planning, conferences and execution.

4. Host Combatant Command. CWID host combatant command duties rotate on a 2-year cycle. The host combatant command will:

a. Provide an O-6 level representative to the SMG.

b. Provide the chairperson for the Scenario Working Group (SWG), as required.

c. Cover host combatant command costs that exceed the funding provided by the SMG.

d. Provide the overarching warfighter guidance to ensure CWID implementation addresses critical operational concerns.

e. Create an operational environment (simulated) that provides the context for warfighter evaluation resulting in a comprehensive assessment of the proposed interoperability solutions, as required. In general, this will consist of a US-led coalition operation with a MTF staff conducting simulated coalition operations at the combatant command, component, and force execution levels.

f. Represent host combatant command-sponsored coalition partner issues to the SMG.

- g. Design the operational scenario for use during CWID, as required.
- h. Coordinate and submit all required frequency and satellite access requests, as required.
- i. Assist in communications security (COMSEC) planning, as required.
- j. Develop host combatant command transition plan with future host command not later than nine months prior to that transition.
- k. Provide the operational staff needed to plan, coordinate and execute CWID to include membership in all CWID coordination/working groups.
- l. Identify and provision sufficient warfighters, either from the operational staff or other sources as required to support the combatant commander's strategic direction of a coalition operation in the simulated CWID environment.
- m. Task suitable subordinate forces to participate in CWID. When appropriate, identify the MTF commander platforms and any special support requirement needed for the scenario and employment during CWID.
- n. Participate in development and prioritization of the annual overarching CWID objectives.
- o. Participate in the development and approval of the CWID Announcement Message, FBO Announcement, trial selection criteria, functional plan (FUNCPLAN), Public Affairs Guidebook, and final report.
- p. Prepare and offer invitations to Joint Staff-approved coalition partners.
- q. Ensure host combatant command primary and secondary site drawings are maintained in a standard, electronically accessible format as defined by the CWID JMO.
- r. Provide a pre-selection warfighter evaluation of each trial proposal to assist the SMG in the selection process.
- s. Concur in the proposed methodology and measures of effectiveness selected for the warfighter assessment of trials.
- t. Provide warfighter input to CWID JMO in the preparation of CWID overview briefing and marketing materials.
- u. Submit trials proposals to the CWID JMO in accordance with the CWID Announcement Message and FBO Announcement, as appropriate.

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v. Collect command lessons learned from CWID activities, participate in their subsequent evaluation, and submit to the CWID JMO within 30 days of the conclusion of the CWID execution phase.

w. Fully participate in CWID planning, conferences, working group meetings, and execution.

x. Ensure accomplishment of host combatant commander sponsored site(s) and trial(s) security accreditation.

y. In coordination with USJFCOM, develop an actionable results briefing within 45 days after end of execution.

5. DISA. DISA will perform the support functions listed below. Other requested functions to support CWID JMO or host combatant command will be funded by the requesting organization.

a. Provide an O-6 level representative to the SMG.

b. Designate an O-6 level executive to direct the daily CWID JMO activity.

c. Provide \$1.9 million annual funding for CWID to the CWID JMO.

d. Cover the DISA-generated costs that exceed their CWID provided funding.

e. Create, staff and maintain the CWID JMO to support the CWID planning cycle.

f. Plan and conduct CWID communication, and personnel recognition program.

g. Provide, coordinate, and integrate DISA activities through the CWID JMO.

h. Serve as the technical integrator for multinational participation in support of Joint Staff interests and CWID objectives.

i. Coordinate for any modeling, simulation, and assessment capabilities necessary to support CWID.

j. Provide Defense Information Infrastructure Common Operational Environment, Global Command and Control System (GCCS), and Global Combat Support System (GCSS) software and infrastructure support, messaging, and collaboration capabilities when necessary at the US CWID primary sites.

k. Integrate appropriate combined interoperability standards program efforts with CWID providing a synchronized approach to addressing coalition C4 interoperability issues and challenges.

l. Support the CWID execution process by committing assets to provide Computer Network Defense (CND) tools and personnel to develop and conduct appropriate CND operations within the CWID information environment and attendant CWID CWAN.

m. Provide legal review and release of the FBO Announcement.

n. Propose Interoperability Trials, as appropriate.

o. Collect lessons learned from all DISA sponsored CWID activity, participate in their subsequent evaluation, and submit to the CWID JMO within 10 days of the conclusion of the CWID execution phase.

p. Fully participate in CWID planning and execution.

q. Act as Designated Approving Authority (DAA) for the CFBLNet.

r. Maintain a CWID Web site that provides information regarding all program activities.

## 6. Senior Management Group (SMG)

a. Chair. USJFCOM.

b. Membership. The SMG is an O-6 level, governing body. Representatives are from the Joint Staff J-6, USJFCOM, host combatant command, Services, NGA, NSA and DISA. These members are permanent. The SMG chairperson only votes as a tiebreaker. JITC and NGB are permanent non-voting members of the SMG. Status as a voting member is to be determined by the collective membership of the SMG. The coordination group and working group chairpersons are advisers to the SMG. Participation of other departments, agencies, or non-DOD entities as non-voting observers is encouraged and authorized upon concurrence of the SMG membership.

c. Purpose

(1) The SMG is the US governing body for CWID. It will resolve issues not specifically covered in this document. The SMG Chair is responsible for providing oversight on behalf of USJFCOM and the SMG membership.

(2) The SMG recommends approval of the CWID objectives and submits them to USJFCOM for approval after prioritization by the host combatant commander.

(3) The SMG is responsible for future planning. A working group may be established to investigate ways ahead.

(4) The SMG reviews and approves the annual CWID spending plan submitted by the CWID JMO.

(5) During the planning cycle, the SMG through the SMG Chair reviews CWID JMO operations and all CWID activities. The SMG Chair oversees these efforts via the CWID JMO Director, who provides the status of planning and coordination to him for dissemination to the SMG membership.

(6) The SMG will approve the final CWID trial participants.

(7) The SMG will designate sites as primary or secondary. Site types are classified as follows: Primary Site - Nominated by a C/S/A and approved by the SMG. Representatives from the primary sites must participate in appropriate working groups. Secondary Site - Nominated and fully supported by the participating organization. Does not receive CWID funding. Representatives from secondary sites must participate in appropriate working groups.

7. CWID JMO. The CWID JMO operationally manages CWID on behalf of USJFCOM. It will plan, manage, coordinate, and execute the CWID program with oversight from the SMG Chair and guidance from the host combatant command.

a. Provide direct, daily oversight to matters relating to the planning, coordination and execution of CWID.

b. Provide CWID working group chairpersons as required as specified in Figure A-1. These include, but are not limited to the: CEG, ITC, NOWG, SEIWG, AWG, PAPWG, and SeWG.

c. Provide administrative services, staff, and host facilities for SMG meetings, as required to support the SMG Chair.

d. Collect, maintain and use hardware and software from previous CWID cycles to the maximum extent possible.

e. Coordinate and provide security accreditation support to the US Multinational Security Accreditation Board (MSAB) representative.

f. Support the host combatant command in the design and coordination of a simulated operational environment that support CWID goal and objectives.

g. Request and budget for technical assistance as required.

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h. In coordination with USJFCOM, develop CWID assessment tools and measures to facilitate the USJFCOM JI&I process for decision-to-field of CWID solutions via the JROC process.

i. Ensure cryptographic key management services are provided for CWID, in coordination with the Joint Staff J-6 Inter-theater COMSEC Package (ICP) manager and appropriate combatant commanders.

j. Schedule and conduct planning conferences and other meetings, as required.

k. Provide an unclassified CWID Web page for the sharing of information with all participants.

l. Provide electronic information retrieval services for previous CWID material accessible from the Internet, Non-Secure Internet Protocol Router Network (NIPRNET), SIPRNET, and CFBLNet, as appropriate.

m. Manage, schedule, and coordinate visits by distinguished visitors to each of the sites (Public Affairs and Protocol Working Group {PAPWG}).

n. Direct and coordinate all working group activities.

o. Develop and submit an annual CWID spending plan to the SMG for review and approval at the Initial Planning Conference (IPC).

p. Execute CWID funding provided by the Joint Staff, Services, and DISA to ensure costs remain within budget.

q. In coordination with SMG Chair, prepare, publish, and distribute the following CWID documents after endorsement by the host combatant command and approval of USJFCOM:

(1) Select and non-select letters to trial proposals.

(2) CWID administrative guidance documents.

(3) CWID Functional Plan (FUNCPLAN).

(4) Collect, prepare and disseminate trial proposal selection documentation prior to SMG trial selection.

(5) Assessment Plan. Develop an assessment methodology for collecting data from each trial proposal, its assessment and/or evaluation, and presentation in the final report.

(6) Public Affairs Guidebook.

(7) CWID Final Report.

(8) Associated SOP, Concept of Operations (CONOPS), and memorandum of agreements or support agreements, as required.

(9) Standard CWID overview briefing that orients observers on the operational capability and context of CWID.

(10) Informative materials to CWID observers and media and press, as required (PAPWG).

(11) Closure plan. The closure plan is an annex from the FUNCPLAN. The plan assigns activities, responsibilities, and schedules for terminating and closing down those unique portions of the CWID network that are not part of the CFBLNet.

(12) Collect Lessons learned from all sites and activities and various sources. Lead a lessons learned review. Publish results as part of the CWID Final Report.

r. Provide recommendations to SMG on the selection for each trial proposal from C/S/A.

s. Plan, coordinate and participate with coalition participants, other combatant commanders and other CWID participants with respect to CWID planning and execution.

t. Coordinate with the CFBL Secretariat for the use of CFBLNet by CWID and provide periodic progress reports to the CFBL membership.

u. Provide any other necessary CWID planning and execution function that arises not already identified that can be supported within the overall CWID budget approved by the SMG.

v. Provide the vice chairperson for the Scenario Working Group (SWG).

8. DISA JITC. The DISA Joint Interoperability and Test Command will:

a. Provide an O-6 level representative to the SMG that has the responsibility to advise SMG on interoperability issues and challenges.

b. Provide a vice chairperson to the Assessment Working Group (AWG).

c. Integrate appropriate combined interoperable test program efforts with CWID providing a synchronized approach to addressing coalition C4 interoperability issues and challenges.

- d. Provide other combined interoperability test and standards services, as required.
  - e. Cover the JITC-generated costs that exceed their CWID provided funding.
  - f. Conduct an initial interoperability technical review of each trial candidate and report findings to the CWID JMO prior to trial selection.
  - g. Under the Combined Interoperability Test and Standards Program, submit trial proposals that address CWID objectives.
  - h. Provide support to the following working groups: NOWG, ITC, SEIWG, TCPWG, and SWG.
  - i. Fully participate in CWID planning and execution.
  - j. Provide interoperability technical assessment for applicable trials.
9. NGA. NGA (formerly known as NIMA) will perform the support functions listed below. Other functions as requested in support of USJFCOM, CWID JMO or host combatant command must be funded by the requesting organization.
- a. Provide an O-6 level representative to the SMG.
  - b. Provide \$800 thousand in services.
  - c. Provide a NGA spend plan for SMG review and approval.
  - d. Participate in the SEIWG to provide central management and control of all geospatial-related data bases required for CWID execution.
  - e. Collect and execute trial requirements for imagery and geospatial information and services.
  - f. Coordinate the collection and distribution of imagery and geospatial data and products required by CWID trials.
  - g. Provide an Imagery and Geospatial Information and Services site on the CWID CWAN.
  - h. Submit trial proposals to the CWID JMO in accordance with the CWID Announcement Message and FBO Announcement, as appropriate.
  - i. Fully participate in CWID planning and execution.

10. NSA. NSA will:

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- a. Provide an O-6 level representative to the SMG that has the responsibility to advise SMG on security and cryptology issues.
- b. Provide the vice chairperson for the Security Working Group (SeWG).
- c. Provide \$500 thousand in services.
- d. Provide an NSA spending plan for SMG review and approval.
- e. Conduct an initial security pre-assessment of each trial candidate and report findings to the CWID JMO prior to trial selection.
- f. Provide information system security (INFOSEC) and defensive information operations (information assurance) expertise to support the SeWG.
- g. Provide technical assistance to the NOWG, ITC, and AWG.
- h. Provide security capabilities assessment for applicable trials in support of the AWG.
- i. Propose Interoperability Trials as appropriate.
- j. Fully participate in CWID planning and execution.

11. National Guard Bureau (NGB). NGB will perform the support functions listed below. Other functions requested in support of USJFCOM, the lead combatant command, or other agencies must be funded by the requesting agency.

- a. Provide an O-6 level representative to the SMG.
- b. Provide National Guard personnel experienced in Homeland Security, Military Assistance to Civil Authorities and Military Support to Civil Authorities to perform role players/trial assessors during CWID. NGB will be responsible for all funding required to provide necessary personnel to support HLS/MACA/MSCA activities.
- c. Cover all CWID costs above those allotted by the SMG associated with NGB-sponsored sites, transportation, travel, and per diem.
- d. Cover NGB-generated costs that exceed their CWID provided funding (e.g., NGB-sponsored trial proposal costs).
- e. Fully participate in CWID planning, conferences, and execution.
- f. Provide representation at planning conferences capable of answering all questions related to homeland security and the dual civil/military role of the National Guard of the Several States.

g. Plan, program, and coordinate the information technology capabilities necessary to demonstrate reliable flow of information at each National Guard Standing Joint Force Headquarters, State to/from the incident sites, state and federal activities to meet existing and evolving requirements.

h. Submit Trial Proposals appropriate to the requirements of the National Guard role in Homeland Security.

i. This effort will not in any way circumvent, preclude or adversely impact the use of National Guard of the United States personnel in support of outside of continental US (OCONUS) warfighting activities funded by the Departments of the Army and Air Force.

12. Primary and Secondary Sites. Sites will:

a. Provide a representative to the CWID Executive Group (CEG).

b. Provide a site director, engineer, and coordinator for CWID.

c. Establish physical and information security for the site in coordination with the SeWG.

d. Provide site facility, telecommunications, and data system technical engineering support to the NOWG.

e. Cover site-generated costs in excess of that allocated by the SMG.

f. Accomplish site and trial security accreditation and provide documentation to the CWID SeWG.

g. Fully participate in CWID planning and execution.

h. Provide information on annual site costs to Director, CWID JMO for report to SMG.

13. CWID Trial Sponsors. US sponsors for interoperability trials are C/S/A's who determine that the conduct of a particular trial supports requirements or activities that confirm or improve both joint and coalition C4ISR interoperability. Sponsorship implies only that there is a significant interest in the trial. Sponsors are expected to :

a. Identify a point of contact to assist the trial submitter in addressing information needs of the CWID JMO regarding the trial.

b. Assist the trial submitter in identifying potential trial partners.

c. Where possible assist the trial submitter with security or other DOD procedures/policies that may not be familiar to the submitter.

d. Assist the CWID JMO and the Working Group chairs as requested in resolving questions and issues that arise from the trial proposal submission that otherwise might adversely affect selection as a CWID trial.

e. After selection, assist both the trial submitter and the CWID JMO as feasible to ensure the trial can be executed during CWID.

14. CWID Trial Participants. Participants, through the trial sponsor will:

a. Submit trial proposals to the CWID JMO in accordance with the CWID Announcement Message and FBO Announcement.

b. Provide trial information required by the CWID JMO in the format specified by the SEIWG .

c. Provide Foreign Disclosure Certificate for software/hardware as required.

d. Provide information to various CWID working groups, as requested or required.

e. Provide a trial briefing to the SMG by Mid-Term Planning Conference (MPC).

f. Provide trial data to CWID JMO for CWID lessons learned.

g. Fund any costs associated with the CWID trial efforts. This includes proposal plans, set up, interconnection, execute, and tear down costs; any associated travel, transportation, and per diem costs; and any communications or networking costs that are outside the CWID primary sites or core services.

h. Provide the appropriate level of training to the target operators and/or warfighters who will participate in the trial.

i. Accomplish trial accreditation and provide documentation to the SeWG.

j. Fully participate in CWID planning, conferences and execution. This includes providing technical representation at the planning conferences capable of answering questions related to network architecture, data requirements, data exchanges, and anticipated support requirements.

l. Provide a summary report outlining successes, shortfalls, and lessons learned, to the DISA JMO within 30 days of the end of the execution phase.

15. CWID Groups. The following groups support the CWID management and planning requirements and have these assigned responsibilities:

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a. General. As the CWID governing body, the SMG may establish or terminate any working group. Working group members may include site representatives, CCEB, NATO and other combatant command-sponsored nations and representatives.

(1) The organization assigned to chair or vice-chair a working group will identify the chairperson to the CWID JMO Director prior to the IPC. The chairperson is responsible to the CWID JMO Director for the working group products.

(2) The organizations assigned to provide a member to a CWID group will identify the member to the CWID group chair. A member is responsible to the group chairperson for assigned portions of the total effort.

(3) Any organization assigned as an adviser to a CWID group will provide subject matter expertise. Advisers are not responsible for the group's products.

(4) All CWID working groups and committees ultimately support the SMG.

b. Coalition Coordination Group (CCG)

(1) Chair. Joint Staff J-6 representative.

(2) Participants. CWID lead representative for participating nations, multinational organization(s), DISA, NGA, combatant command(s), and working group members as required.

(3) Purpose. Provide venue to share ideas, grow global understanding, and formulate, coordinate, and initiate methods to resolve issues that span multiple working groups. This will include but is not limited to:

(a) Address issues that cannot be resolved during CWID planning conferences or other CWID working group sessions.

(b) Advise the SMG on matters impacting coalition participants' ability to execute CWID participation.

(c) Develop and discuss CWID draft objectives for consideration by the SMG in joint sessions.

(d) Identify multinational forums dealing with C4ISR interoperability matters that are either applicable to CWID planning and execution or may benefit from CWID results.

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(e) Coordinate coalition participant's internal trials activity to ensure there are no conflicts with the overarching CWID trial work.

(f) Identify potential coalition policies and procedures that may be transitioned for operational implementation.

(g) Assist with resolving international security policy issues or gaining CWID exceptions to respective national/organization policies in order to trial emerging technologies offering solutions to further coalition interoperability.

(h) Coordinate with the SMG in determining the overall direction of the CWID effort with regard to invited participants to CWID.

(i) CCG Lead Representatives are expected to submit trial proposals to the CWID JMO for coordination and consideration for selection as a CWID trial.

(j) CCG members are expected to review all trial proposals submitted to the CWID JMO for possible national/organizational participation or other levels of interest.

(k) CCG Lead Representatives are expected to submit to the CCG chair a list of proposed trials that their nation/organization expect to participate in to assist in the CWID trial selection process and make recommendations for approval and inclusion in CWID.

c. CWID Executive Group (CEG)

(1) Chair. CWID JMO.

(2) Participants. CWID JMO chair, all US sites managers, or their designated representatives, and other CWID chairs and group members as required.

(3) Purpose. Coordination of activities between the CWID Working Groups, participating sites, all selected trials to ensure that all technical, security, and engineering issues are identified and addressed prior to execution. During execution the CEG advises the host combatant commander and the Director, CWID JMO on the status of CWID execution. This will include but is not limited to:

(a) Assist in the identification and coordination of CWID infrastructure issues and concerns from US primary and secondary sites with other CWID groups.

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(b) Assist in assignment of selected trials to primary US CWID sites.

(c) Develop by the Final Planning Conference for the Director, CWID JMO an execution annex to the Functional Plan that identifies and allocates JMO personnel resources to US and coalition sites to support the requirements of the CWID JMO Working Groups.

(d) During CWID execution phase, provide staff to support the Director, CWID JMO in managing, reporting and resolving issues as they relate to CWID.

d. Network Operations Working Group (NOWG)

(1) Chair. CWID JMO.

(2) Membership. Representatives are communications planners and technical engineers from DISA, the host combatant command, NGA, JITC, Coalition participants, all CWID sites, and other technical advisers, as required.

(3) Purpose. Advise the SMG on connectivity infrastructure and core services issues.

(a) Plan, engineer, implement, and operate the CWID network, to include CFBLNet, COMSEC, and satellite communications requirements.

(b) Coordinate planning and management of all activities required to provide core information technology services; implement national C4 systems of record, as required.

(c) Develop core system support plans, and monitor execution of the plans.

(d) Develop staffing requirements to support the operation of the Coalition Communications Coordination Centers (CCCC) and determine sources of personnel from the participants to fill the requirements.

(e) Assist the TCPWG in preparing the transformation change proposals on selected trials following the execution phase.

e. Security Working Group (SeWG)

(1) Chair. CWID JMO.

(2) Vice Chair. NSA.

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(3) Membership. Representatives are from the US (NSA, DISA, host combatant command, and US sites), CCEB nations, NATO and NATO nations as necessary, combatant commands sponsoring a coalition partner, and participating coalition nations with direct connectivity to the CWID CWAN. The US position will be presented through the Chairman, SeWG on behalf of the USJFCOM.

(4) Purpose. There are two primary purposes for the SeWG:

(a) Coordinates all necessary security accreditation documentation as required by national and CFBLNet accreditation processes. Ultimate security approval for the CWID CWAN is a function of the national Designated Approving Authority (DAA) accrediting the national portion of the CWAN to its respective member of the Multinational Security Accreditation Board (MSAB). The MSAB Chair ultimately issues the CWID Interim Approval to Operate (IATO) notification to the CWID participants. The US member of the SeWG must satisfy requirements for connection to SIPRNET and DISN Leading Edge Services (LES) network as dictated by the CWID requirements for information exchange with coalition participants.

(b) Review, modify, coordinate, and recommend security policy implementations for trial within CWID that may be rapidly implemented in operational situations in the near-term.

(5) Responsibilities

(a) Coordinate national security documentation requirements as required by CFBL security directives.

(b) Research and recommend to the SMG/CCG potential trials that warrant an exemption from security policies for a given CWID execution cycle to include specifics on what actions are required to obtain an exemption.

(c) Develop CWID policies and procedures governing information exchange requirements between coalition information domains within the CWID information environment. This will include attaining agreement and documenting rule set elements for guarding devices or implemented firewalls between information domains and other possible risk mitigation strategies.

(d) Incorporate security policy modifications as formulated by other coalition C4ISR forums for evaluation as part of CWID execution.

(e) Evaluate and recommend changes to CFBLNet security procedures as indicated by CWID planning requirements and experience.

(f) Coordinate, plan and implement when directed by the SMG/CCG a Computer Network Defense (CND) capability for the CWID CWAN.

(g) Review and recommend classification-marking requirements for CWID information based upon the make up of the coalition participants. Since participation will vary annually, this must be done by the conclusion of the CWID MPC.

(h) Where required, develop, coordinate and obtain approval of written procedures to permit exchange of information between different CWID information domains where no infrastructure or trial offers an automated information exchange solution. In some cases, such procedures will be prepared as a complement to an automated information exchange solution.

(i) Assist the TCPWG in preparing the transformation change proposals on selected trials following the execution phase.

f. Systems Engineering and Integration Working Group (SEIWG)

(1) Chair. CWID JMO.

(2) Membership. Representatives are from DISA, NOWG, site engineers, host combatant command, Services, NGA, and invited coalition participants.

(3) Purpose. Develop, plan, administer and monitor preparation leading to implementation and operation of the information infrastructure on which CWID activities can be conducted.

(4) Develop, plan, administer, and monitor the conduct of trials and report on results of those trials that do not receive a formal assessment by the AWG.

(a) Develop, coordinate and maintain a CWID standards document that addresses core software, identifying versions and assists in overall configuration management of applications across the CWID CWAN.

(b) Coordinate with sites assuring compliance with support requirements for information infrastructure and trials. Assist sites with preparations.

(c) Conduct a review of trial proposals and information infrastructure requirements to assure that all data sources and data links are known and available as required, and report findings to the CWID JMO prior to trial selection.

(d) Provide technical and programmatic consultative service as adviser to the SMG as well as all other working groups (e.g., NOWG, AWG, SeWG) CEG and CCG.

(e) Provide subject matter expertise as related to information infrastructure components and services.

(f) Assist the TCPWG in preparing the transformation change proposals on selected trials following the execution phase.

g. Interoperability Trial Committee (ITC)

(1) Chair. CWID JMO.

(2) Membership. The membership is comprised of CWID JMO, site engineers, host combatant command, NSA, JITC, Services, and invited coalition participants.

(3) Purpose. This is a committee under the SEIWG that coordinates, plans and manages all activities involving the submission, selection, and participation of CWID trial proposals.

(a) Develop, coordinate, and promulgate an annual trial selection timeline and process plan to the SMG and CCG members (Enclosure C).

(b) Conduct an initial review of submitted trial proposals and provide to the SMG and the CCG prior to selection of proposals by the SMG. This will include the compilation of results of the initial AWG and NSA reviews of trial proposals.

(c) Coordinate potential trial participation with individual SMG members and CCG leads prior and subsequent to the trial selection meeting.

(d) Manage the SMG trial selection process on behalf of the Director, CWID JMO to include resolution of those trials that require further information before a selection decision can be reached. Final resolution of trials pending selection will be accomplished when appropriate in a joint SMG/CCG session.

(e) Assist in assignment of selected trials to primary US and Coalition CWID sites.

(f) Provide overall system review to ensure that all aspects of CWID support are in place and functional to allow an unimpaired technical and security assessment, and warfighter evaluation of the interoperability trials.

(g) Request access to national/NATO trials information not included in the overall CWID effort to review for potential US interest and subsequent assessment (if appropriate).

(h) Develop recommendation for coherent package of trials that address the core objectives.

(i) Provide trial consultation and support to the other working groups (e.g., NOWG, AWG, SeWG, and CEG).

(j) Assist trial sponsors with resolution of any CWID issues.

(k) Assist the TCPWG in preparing the transformation change proposals on selected trials following the execution phase.

h. Scenario Working Group (as required) (SWG)

(1) Chair. Host combatant command.

(2) Vice-Chair. CWID JMO.

(3) Membership. Representatives are from the host combatant command and components, supporting command staff, Services, NGA, JITC, an AWG representative, and participating nations.

(4) Purpose. As required, the group develops and provides a coherent simulated operational environment and scenario. The products developed by this group form the framework for operational relevance, enabling participants to trial and assess interoperability solutions in a realistic context. The chairs will develop a detailed scenario outline document and a Scenario OPLAN (Enclosure C).

i. Public Affairs and Protocol Working Group (PAPWG)

(1) Chair. CWID JMO.

(2) Membership. Representatives are from CWID JMO and CWID primary and secondary sites. Host combatant command personnel augment this group and are key members during execution.

(3) Purpose. Provides planning guidance and assistance for the management of CWID publicity and public media activities. This working group is key to the CWID image and the presentation of the CWID message.

(a) Manage CWID Public Affairs and Protocol activities.

(b) Advise and coordinate site-specific Public Affairs and Protocol activities.

(c) Design and execute coordinated distinguished visitor invitation and escort process, to include online registration.

j. Assessment Working Group (AWG)

(1) Chair. CWID JMO.

(2) Vice Chairs. JITC and NSA.

(3) Membership. Representatives are from CWID JMO, JITC, NSA, and host combatant command and invited coalition participants.

(4) Purpose. This working group provides USJFCOM, C/S/A, and other interested parties with an objective technical assessment, security, and warfighter evaluation of trial as to capability, interoperability, security, warfighter usability, and concept of operations.

(a) Develop trial selection criteria and submit to SMG for approval.

(b) Solicit coalition participation in the assessment process and encourage exchange of assessment information between participants.

(c) Submit for host combatant command concurrence, the warfighter evaluation methodology, identifying the operational echelon, and proposed measures of effectiveness on which the assessment will be based.

(d) Evaluations must concentrate on warfighter usability in a coalition environment to determine what a solution brings to the joint and/or coalition tool kit.

(e) Determine the number of personnel and location of personnel to conduct accurate trial assessments at each of the primary US demonstration sites.

(f) Assist the TCPWG in preparing the transformation change proposals on selected trials following the execution phase.

(g) Prepare assessment and/or evaluation reports for inclusion in the final report.

(h) Validate level of detailed information provided by the trial vendor and/or sponsor so events can be replicated by warfighters.

(i) Provide overarching analysis of natural groupings of individual assessments and evaluations culminating in comprehensive results.

k. CWID Performance Committee (CPC)

(1) Chair. CWID JMO.

(2) Membership. The membership is comprised of CWID JMO personnel.

(3) Purpose. Develop and institute a formal program within CWID that measures and reports CWID program performance. Prepares annual CWID performance metrics report (Enclosure C). Director, CWID JMO will

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recommend Specific metrics for this report to the SMG on an annual basis.  
(Enclosure C).

1. Transformation Change Proposal (TCP) Working Group (TCPWG)

(1) Chair. USJFCOM.

(2) Membership. Representatives are from SeWG, AWG, NOWG, ITC, and other members, as required.

(3) Purpose. Develop the initial trial TCP package. Captures, documents, and ensures dissemination of appropriate CWID documentation throughout CWID planning and execution phases that support the building of the TCP for trial fielding.

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## ENCLOSURE C

## DOCUMENTS

Table C-1 details the documents, FUNCPLANS and summary documents applicable to CWID and the anticipated timing for their preparation. SMG may approve additional documentation as may be required.

<b>Event</b>	<b>Document</b>	<b>Timing</b>	<b>OPR/Preparation</b>	<b>Approval</b>
	CCEB/NATO Invitations	24 Months Prior to Execution (PTE)	Joint Staff	Joint Staff J-6
	Combatant command-sponsored Coalition invitations	15 months PTE	Combatant commander invites with Joint Staff concurrence	Joint Staff J-6
	CWID Objectives	12 months PTE	Combatant command, CCEB and NATO provide input. USJFCOM collects host combatant command prioritize SMG endorses	USJFCOM
	CWID Announcement Message	12 months PTE	CWID JMO/USJFCOM produces SMG coordinates Joint Staff releases MSG	USJFCOM
	FBO Announcement	12 months PTE	CWID JMO/USJFCOM produces SMG coordinates DISA releases FBO	USJFCOM
	Trial Submission & Selection Process Plan	2 months prior to Selection	CWID JMO/SEIWG/ITC produces and releases	USJFCOM
	Detailed Scenario Outline	2 months prior to Selection	CWID JMO/Scenario WG produces	Host combatant command
	Annual CWID Metric Recommendation	2 months prior to IPC	CWID JMO/CWID Performance Committee produces	SMG
	Trial Proposal Submissions	Prior IPC	CWID JMO	SMG
IPC				
	CWID Standards Document	IPC	CWID JMO/SEIWG produces	Director, CWID JMO
	Spend Plan	IPC	CWID JMO	SMG
	Site Designation	IPC	C/S/A	SMG

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<b>Event</b>	<b>Document</b>	<b>Timing</b>	<b>OPR/Preparation</b>	<b>Approval</b>
MPC				
	CWID FUNCPLAN <ul style="list-style-type: none"> <li>• Execution Plan</li> <li>• Closure Plan</li> <li>• Security Plan</li> </ul>	MPC	CWID JMO Host combatant command DISA SeWG	SMG
	Scenario OPLAN	MPC	Host combatant command CWID JMO	SMG
	Trial Assessment Plan	Prior to FPC	CWID JMO	SMG
FPC				
	CWID Public Affairs Guidebook	FPC	CWID JMO USJFCOM Host combatant command Multinational Participants Services	SMG
CWID Execution				
	CWID Overview Briefing	Execution	CWID JMO	SMG
	Actionable Results presentation	End of ops + 45 days	USJFCOM Host combatant command	USJFCOM
	CWID Final Report, CONOPS, SOPs	End of ops + 90 days	CWID JMO	Host combatant command, USJFCOM, Joint Staff J-6 by endorsement
	CWID Performance Metrics Report	End of ops + 90 days	DISA CWID JMO	SMG
	CWID Transition Plan	4 months prior to execution every 2 years	USJFCOM, Host combatant command, CWID JMO, Joint Staff	Host combatant command

Table C-1. CWID Documentation

1. CWID Objectives. CWID objectives are guided by inputs from combatant commands, CCEB, and NATO. Combatant commands provide input through the USJFCOM classified information management Web site. CCEB and NATO

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provide input to the Joint Staff J-6 for consideration in the creation of the annual CWID objectives. USJFCOM, in coordination with the host combatant command, gathers, consolidates, and formulates objectives from combatant command, CCEB, and NATO issues and challenges for coalition C4 interoperability. The host combatant command prioritizes the objectives, and the SMG recommends approval. The approval authority for the objectives is USJFCOM. The Joint Staff J-6 will back brief the combatant commander, J-6s, CCEB, and NATO on selected CWID objectives via the CWID Announcement Message.

2. CWID Announcement Message and FBO Announcement. These documents constitute the formal solicitations for trials. They contain the operational (simulated) environment, objectives, selection criteria, and the proposal submission procedure references. The announcements solicit proposals from C/S/A, interagency participants and coalition partners. The CWID Web page provides an additional information sheet regarding trial submissions.

3. Trial Assessment Plan. The Assessment Plan is developed by the AWG under the direction of the CWID JMO. The plan details the “who,” “what,” “when,” “where,” and “why” of the CWID assessment and evaluation of trials. Host combatant command will concur in the warfighter evaluation methodology.

4. CWID Closure Plan. The closure plan is an annex from the FUNCPLAN developed by the CWID JMO. The plan assigns activities, responsibilities, and schedules for terminating and closing down those unique portions of the CWID network that are not part of the CFBLNet.

5. CWID Execution Plan. The execution plan is an annex of the FUNCPLAN and is developed by the CEG. It covers distribution and assignments of CWID JMO personnel for the execution period. It will specifically provide duties and responsibilities for each individual and their reporting requirements, both on a daily basis during execution and as an input to the CWID final report and performance metrics.

6. CWID Standards Document. The standards document provides details of the expected software to be used during CWID to include the version and other specifics. The goal is to enable the participants to have a ready reference of what will be available or must be implemented to allow ease of connection and use during execution and allow for configuration management. This plan will be reviewed at the IPC for changes from the previous year and approved at the end of the MPC by the Director, JMO.

7. CWID Transition Plan. The transition plan details the transfer of host combatant command responsibilities between combatant commands.

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8. CWID Functional Plan. The FUNCPLAN directive for coordinating CWID execution. It lays out the entire structure of the CWID cycle being executed. It includes the execution, security and closure plans as annexes.
9. CWID Scenario Outline. The scenario outline provides the CWID planners and participants with the first overview of the host combatant commander's intent for the scenario. It will be sufficiently detailed to allow the initial development of the network architecture, geospatial data needs, and other possible data source requirements for execution.
10. CWID Scenario OPLAN. The Scenario OPLAN details the Road to War, battle rhythm, and daily play themes.
11. CWID Public Affairs Guidebook. Serves as the sole source reference document for observers. It contains the objectives, a description of the simulated operational environment, and a synopsis of each trial. It also includes an overview of each CWID site, descriptions of the communications architecture, and a calendar. Copies are available at selected sites and on the CWID Web page.
12. CWID Final Report. The final report is an executive summary of CWID activities. This report specifies deliverables, including the detailed trial Assessment Report, CONOPS, SOPS, Lessons Learned, and how they may be obtained. A copy is submitted to USJFCOM for inclusion in the Joint Lessons Learned Library. This report is distributed electronically on the CWID Web page.
13. Trial Submission Process Plan. This plan details the process of handling the trial submissions from receipt at the CWID JMO through the notification of select/non-selection to the submitters. It will be annually updated and will provide a detailed timeline of events and activities necessary to support selection decisions by the SMG and reconsideration steps during the IPC based on CCG requests.
14. CWID Performance Metrics. The CWID Performance Committee will annually prepare recommendations for specific metrics to measure CWID performance against for review and approval by the SMG. This will occur prior to the IPC. The CWID performance report will be prepared subsequent to the execution period and approved by USJFCOM. The results will be briefed to the Military Communications-Electronic Board (MCEB) members. CCG members may also be briefed as desired by them.

ENCLOSURE D

CWID LIFE CYCLE AND PROCESS CHART

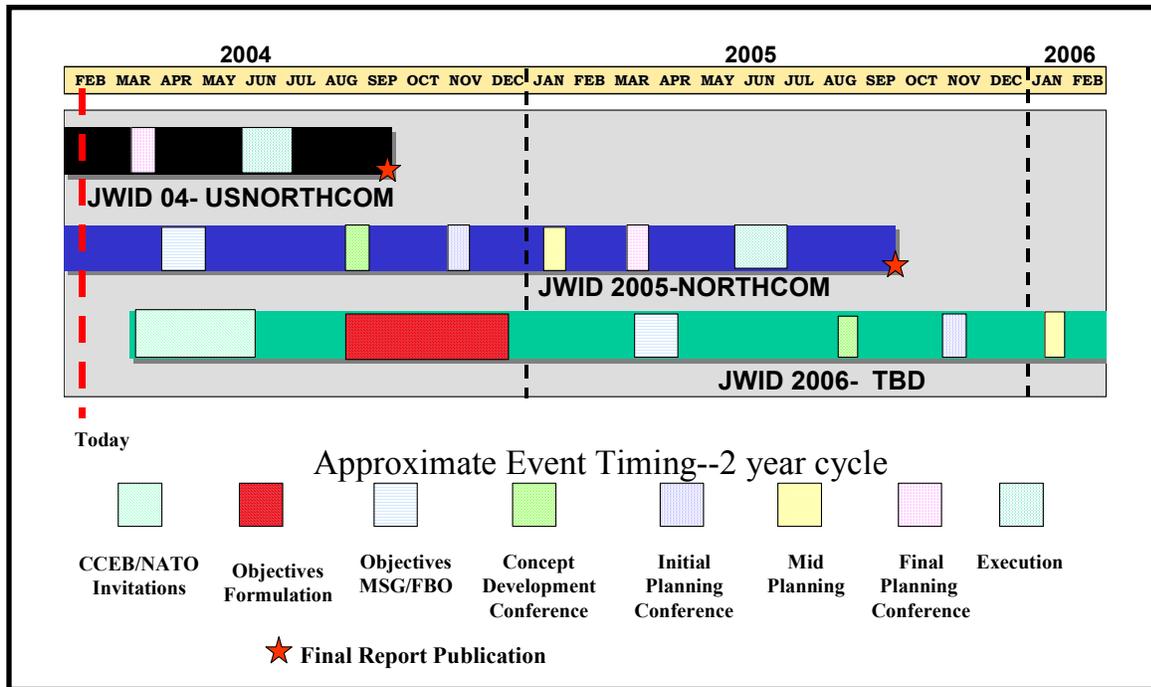


Figure D-1. CWID Life Cycle

Figure D-1 depicts the CWID Life Cycle for the annual CWID event. It is an approximate 24-month cycle from initial concept development and multinational invitations to results distribution.

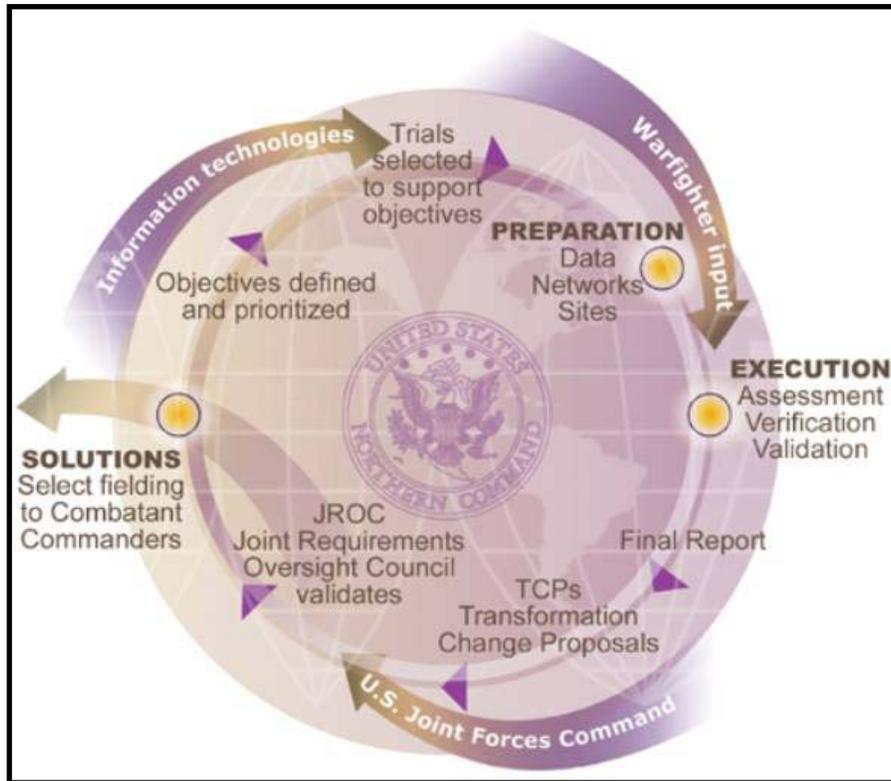


Figure D-2. CWID Process Chart

Figure D-2 depicts the CWID process from objective development through select fielding of solutions to combatant commanders. CWID objectives are developed and defined from combatant command C4ISR issues and problems collected on the USJFCOM J86I Web, and the inputs of the coalition partners and NATO. They are prioritized by the host combatant command and published in the Federal Business Opportunities (FBO) annual announcement of CWID. The interoperability trials are selected to support the objectives. Three planning conferences are held to plan CWID. The Initial Planning Conference concentrates on the gathering and exchange of information between the CWID working groups and the individual Interoperability Trials. The mid-term planning conference concentrates on working the interconnections of the CWID CWAN network and the trials. The Final Planning Conference concentrates on working the interconnections of the trials with the individual CWID sites at which they demonstrate their capabilities. The CWID deliverables are the assessment products of the trial evaluations. Specific evaluations will vary by interoperability trial or interagency trial. They include the following: Warfighter by JMO; Technical by JITC; Security by NSA. Results will be provided to all interested parties. USJFCOM, J861, Joint Interoperability and Integration (JI&I), will pursue USJFCOM approval and proceed with the Transformation Change Proposal (TCP) process through the Joint Requirements Oversight Council (JROC) seeking select fielding of those trials deemed to satisfy the combat commander identified issues or shortfalls.

ENCLOSURE E

REFERENCES

- a. DJS memorandum, DJSM 0768-02, 19 August 2002, "Transfer of Functions for Management Headquarters Reductions."
- b. United States Joint Forces Command, J01, 30 Oct 03, "Transfer of Functions for Management Headquarters Reductions—Joint Warrior Interoperability Demonstration."
- c. CWID Web Page: <http://www.cwid.js.mil>.
- d. CJCSI 3170.01D, 12 March 2004, "Joint Capabilities Integration and Development System."
- e. CJCSI 3180.01, 31 October 2002, "Joint Requirements Oversight Council Programmatic Processes for Joint Experimentation and Joint Resource Change Recommendations."
- f. CJCSI 6212.01, 20 November 2003, "Interoperability and Supportability of Information Technology and National Security Systems."
- g. "C4I for the Warrior," November 1997.
- h. "Joint Vision 2020," undated.
- i. "DOD Dictionary of Military and Associated Terms," 12 April 2001 (JP 1-02).

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## GLOSSARY

## PART I – ABBREVIATIONS AND ACRONYMS

AWG	Assessment Working Group
C4	command, control, communications, computers*
C4I	command, control, communications, computers, intelligence*
C4IFTW	C4I for the Warrior
CCCC	Coalition Communications Control Center
CCEB	Combined Communications-Electronics Board*
CCG	Coalition Coordination Group
CEG	CWID Executive Group
CFBLNet	Combined Federated Battle Laboratory Network
CJCS	Chairman of the Joint Chiefs of Staff*
CJCSI	Chairman of the Joint Chiefs of Staff Instruction*
COMSEC	communications security*
CONOPS	concept of operations*
C/S/A	Combatant command, Services, and agencies
CWAN	Coalition-Wide Area Network
CWID	Coalition Warrior Interoperability Demonstration*
CWID JMO	Coalition Warrior Interoperability Demonstration Joint Management Office
DAA	designated approving authority
DISA	Defense Information Systems Agency*
FBO	Federal Business Opportunities
FPC	Final Planning Conference
FUNCPLAN	Functional Plan
GCCS	Global Command and Control System
GCSS	Global Combat Support System
GIG	Global Information Grid
HLS	homeland security
INFOSEC	information security*
IPC	Initial Planning Conference
IT	Interoperability Trial
ITC	Interoperability Trials Committee
JITC	Joint Interoperability Test Command*

JROC	Joint Requirements Oversight Council
MACA	Military Assistance to Civil Authorities
MPC	Mid-Term Planning Conference
MSAB	Multinational Security Accreditation Board
MSCA	Military Support to Civil Authorities
MTF	multinational task force
NATO	North Atlantic Treaty Organization*
NGA	National Geospatial-Intelligence Agency*
NGB	National Guard Bureau
NIPRNET	Non-Secure Internet Protocol Router Network
NOWG	Network Operations Working Group
NSA	National Security Agency*
OCONUS	Outside the Continental United States
O&M	Operations and Maintenance
OPLAN	operations plan
PAPWG	Public Affairs and Protocol Working Group
PTE	prior to execution
RDT&E	research, development test and evaluation
SEIWG	Systems Engineering Integration Working Group
SeWG	Security Working Group
SIPRNET	SECRET Internet Protocol Router Network*
SMG	Senior Management Group
SOP	standard operating procedure*
SWG	Scenario Working Group
TCP	Transformation Change Proposal
TCPWG	Transformation Change Proposal Working Group

\*Source: reference i.

## PART II – TERMS AND DEFINITIONS

agencies. Defense Information Systems Agency (DISA); National Security Agency (NSA); National Geospatial-Intelligence Agency (NGA).

alliance. An alliance is the result of formal agreements (i.e., treaties) between two or more nations for broad, long-term objectives that further the common interests of the members. See also coalition; multinational. (JP 1-02).

capability. The ability to execute a specified course of action (JP 1-02), i.e. trial.

CFBLNet. CFBLNet is the network of choice that provides the environment for C4ISR RDT&E to explore, promote, and confirm coalition capabilities and interoperability solutions. CFBLNet is vital to all existing and future CWANs.

coalition. An ad hoc arrangement between two or more nations for common action. See also alliance; multinational. (JP 1-02).

combined. Between two or more forces or agencies of two or more allies. (When all allies or services are not involved, the participating nations and services shall be identified, e.g., combined navies.) See also joint. (JP 1-02).

combatant commands. US Joint Forces Command (USJFCOM), US Central Command (USCENTCOM), US European Command (USEUCOM), US Northern Command (USNORTHCOM), US Pacific Command (USPACOM), US Special Operations Command (USSOCOM), US Southern Command (USSOUTHCOM), US Space Command (USSPACECOM), US Strategic Command (USSTRATCOM), and US Transportation Command (USTRANSCOM).

concept of operations (CONOPS). Establishes the degree the capability fits in the current CONOPS as appropriate, or documents the necessary changes to the CONOPS to incorporate the capability or interoperability solution.

interoperability. The condition achieved among communications-electronic (CE) systems or items of CE equipment when information or services can be exchanged directly and satisfactorily between them and/or their users (JP 1-02). The degree of interoperability should be defined when referring to specific cases.

joint. Connotes activities, operations, organizations, etc., in which elements of two or more Military Departments participate. (JP 1-02).

multinational. Between two or more forces or agencies of two or more nations or coalition partners. See also alliance; coalition. (JP 1-02).

Services. US Army, US Marine Corps, US Navy and US Air Force.

security. Measures taken by a military unit, activity, or installation to protect itself against all acts designed to, or which may, impair its effectiveness (JP 1-02).

usability. Measure of ease of use. This relates to human factors and doctrinal concepts.