

## CCEB Activities

### Griffin

Griffin is a program of activities that seeks to establish a classified electronic information-sharing environment for collaborative planning activities for the conduct of operations and defence business between member nations.

Effective interconnection of national C2 system high networks separated by Type 1 encryption devices, using the US DISN as the backbone for multinational connectivity.

### Spectrum Management

Formulation of specific policy and procedures for spectrum management and planning across the CCEB nations.

Identification and coordination of mutual national and international military terrestrial and space spectrum requirements, policies and procedures to ensure that C-E equipment operates successfully in all intended electromagnetic environments.

### Publications

Production and maintenance of Allied Communications Publications (ACPs) that provide policy and procedures for multi-national defence interoperability (including extensive adoption by NATO forces), and CCEB publications providing guidance to member nations on emerging C4 issues.

## Recent CCEB Successes

- WRC 2007 – successful defence of scarce military spectrum allocations
- Ratification of CCEB Pub 1010 (PKI Cross Certification)
- Ratification of ACP 137 (Directory Services Technical Architecture)
- Completion of operational evaluation of the ACP 145 Military Messaging gateway
- Publication of the Spectrum Task Force report addressing future spectrum challenges

### Lines of Effort

#### Near Term Effort (2 years):

- Further development and use of the trusted information environment.
- Develop a future plan for Military Messaging capability.
- Develop an understanding of other international C4 fora and how they relate to the CCEB.
- Clarify the CCEB's role in cyber space.

#### Mid Term Effort (5 years):

- Promote alignment and implement Enterprise Service capabilities.

#### Enduring Effort:

- Member nation Spectrum Management.
- ACP and Publications maintenance.
- Exploitation of Network Enabled Capabilities.

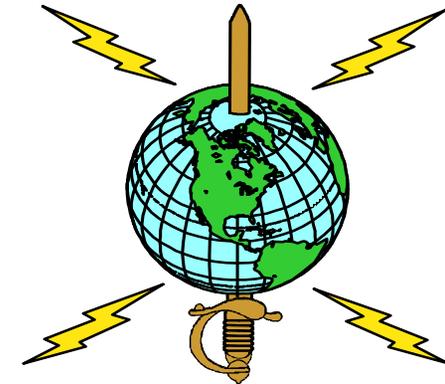
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## COMBINED COMMUNICATIONS- ELECTRONICS BOARD



<http://www.jcs.mil/j6/cceb/>

Version 1.0 - 2008

## Background and History

The first high-level proposals for a structure to formulate combined communications-electronics policy were exchanged between the UK and US in March 1941. The Combined Communications Board (CCB) held its first meeting under Lord Mountbatten in Washington, D.C. on 24 July 1942. The CCB grew to 33 sub-committees established to consider all communication specialist areas.

Canada became a full member of the organization in 1951, Australia in 1969 and New Zealand in 1972 when the organization was renamed the Combined Communications-Electronics Board. In 1986 the CCEB broadened its TOR to include communication and information systems in support of command and control. CCEB interoperability activities have always been coordinated with those of NATO and the US Military Communications Electronics Board (MCEB). Recently, increased attention has been given to coalition C4 interoperability and capability development activities that provide tangible deliverables supporting the maximization of coalition warfighter effectiveness.

In 2001, the Vice/Deputy Chiefs of the CCEB nations agreed that the CCEB should take a leading role in facilitating coordination on C4 matters between the nations and their various single Service groups, clearly showing the high-level support that continues to be given to the CCEB in C4 interoperability coordination.

## CCEB Strategic Intent

To enhance C4 interoperability and capability for the defence forces of its member nations and to provide leadership and influence across the wider C4 community.

### Goals and Strategies

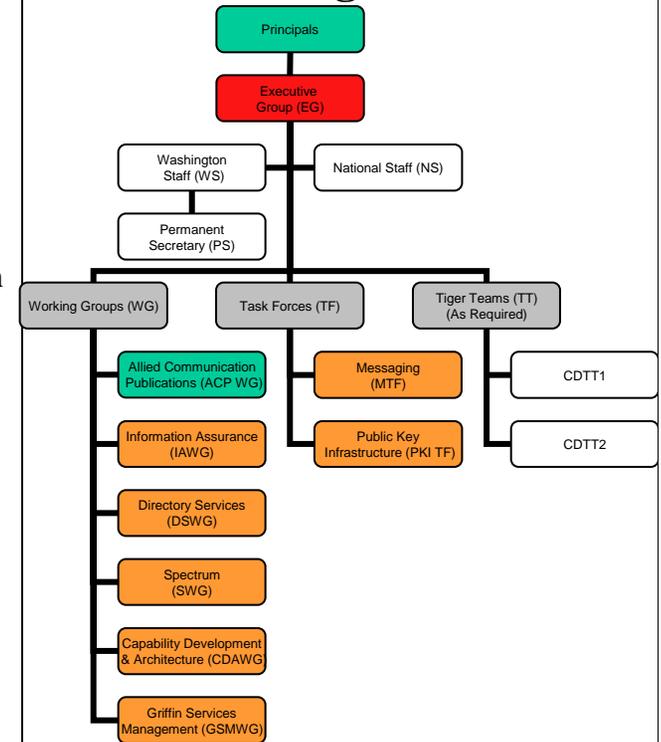
**G.1 Interoperability** – focuses on the provision of strategies, policies, standards and procedures, to promote C4 interoperability.

- 1.1 Develop and maintain C4 Standards.
- 1.2 Engage with other agencies and organizations.
- 1.3 Develop strategies to optimize the use of spectrum to achieve effective Military capabilities.

**G.2 Capability** – focuses on influencing the delivery of capabilities and services to improve information sharing.

- 2.1 Influence the development of a coalition information exchange environment.
- 2.2 Influence the development and implementation of future C4 capabilities.
- 2.3 Share relevant C4 information and data.

## CCEB Organization



**Principals:** The Principals influence their respective nations to further the goal of C4 interoperability and are responsible for providing the necessary national resources.

**Executive Group:** The EG co-ordinates the development of the policy and planning, progresses combined C-E interoperability, and prioritizes and recommends allocation of resources.

**Washington Staff:** The WS coordinates CCEB activities on behalf of the EG.

**Working Groups/Task Forces:** The WG/TFs analyze and address CCEB areas of interest to achieve directed outputs.