

CHAPTER 17  
COMMAND, CONTROL AND COMMUNICATIONS  
Table of Contents

**1701 GENERAL..... 1**  
170101 Purpose..... 1  
170102 Submission Requirements ..... 1  
170103 *Composition and Content of Command, Control and Communications (C<sup>3</sup>) Programs/Activities.* ..... 1  
170104 References ..... 2  
**1702 BUDGET ESTIMATES SUBMISSION..... 3**  
170201 General ..... 3  
**1703 CONGRESSIONAL JUSTIFICATION/PRESENTATION..... 4**  
170301 Purpose..... 4  
170302 Justification Book Preparation ..... 4  
170303 Submission of Justification Books ..... 4  
170304 Input for C<sup>3</sup> Congressional Justification Books..... 4  
170305 *Relationship of C<sup>3</sup> Congressional Justification Book with Military Department and Defense Agency  
Justification Material.* ..... 4  
**1704 AUTOMATION REQUIREMENTS..... 5**  
170401 Purpose ..... 5  
170402 *Automated Communications, Command and Control, Intelligence, Surveillance and Reconnaissance  
(C<sup>3</sup>ISR) Database* ..... 5

## CHAPTER 17

COMMAND, CONTROL AND COMMUNICATIONS

## 1701 GENERAL

## 170101 Purpose

This chapter provides instructions applicable to congressional budget justification and supporting budgetary material for Command, Control and Communications (C<sup>3</sup>) programs, the Defense-wide Information Assurance Program (DIAP), and its largest component, the Information Systems Security Program (ISSP).

## 170102 Submission Requirements

General guidance with regard to submission requirements is presented in Chapter 1. Chapter 17 covers specific requirements for the Command, Control and Communications (C<sup>3</sup>) programs and the Defense-wide Information Assurance Program (DIAP), and the Information Systems Security Program (ISSP).

*170103 Composition and Content of Command, Control and Communications (C<sup>3</sup>) Programs/Activities.*

A. *The C<sup>3</sup> program aggregation includes communications, warning, command and control, and information systems necessary for military decision-making, force management, and related activities. C<sup>3</sup> Programs and Activities are comprised of operations, personnel, training and supporting systems and processes that are essential for achieving dominant battlespace awareness and for exercising decisive command. C<sup>3</sup> capabilities are further defined when identifying pertinent budget lines and funding levels*

(1) *Command and Control (C<sup>2</sup>). The facilities, systems and manpower essential to a commander for planning, directing, coordinating and controlling operations of assigned forces. C<sup>2</sup> capabilities cover the National Command authority, through the joint/tactical operations echelon and down to front line tactical elements.*

(2) *Communications. Communications are an integral element of C<sup>2</sup>, but are sufficiently distinct and sizable to warrant separate treatment. The DoD Budget funds programs/activities that provide the ability to convey information of many kinds from one person or place to another by visual, cable, radio or other electromagnetic systems. Communications capabilities include: a fixed plant, sustaining base infrastructure in the US and selected overseas locations; long haul transmissions via Defense-owned or leased terrestrial facilities; deployable transmissions via satellite or other radio systems; and mobile, tactical transmission systems that allow war fighters to exchange information while on the move wherever they might be located.*

(3) *C<sup>3</sup> Related Activities. Although not explicitly covered by the definitions of Command and Control or Communications, there are a number of programs and activities funded in the DoD Budget that are considered intrinsic to C<sup>3</sup> functionality and traditionally accounted for as part of C<sup>3</sup>. They include facilities, systems and manpower for Navigation, Meteorology, Combat Identification, Information Assurance activities.*

B. *Excluded from the C<sup>3</sup> Programs and Activities are programs, projects, and activities that are so closely integrated with a weapon system or embedded in Service force structure that they are not readily identifiable in the budget. Determination of the composition of C<sup>3</sup> programs resides with the ASD(C<sup>3</sup>I) and is defined by the content of the C<sup>3</sup>ISR Resource System database.*

## 170104 References

*The Office of the Director for Program Analysis and Evaluation maintains a listing of program elements (PEs) in the Future Years Defense Program (FYDP) making up C<sup>3</sup> programs. For details, please contact the POC for the FYDP Structure Management (FSM) system. The FSM system and its Web site are described in FMR Volume 2A, Section 010702.* In addition, Chapter 1 provides general funding policies. Chapter 3 provides specific policies and formats related to Operation and Maintenance. Chapter 4 provides specific policies and formats related to Procurement appropriations. Chapter 5 provides specific policies and formats related to RDT&E. Chapter 6 provides specific policies and formats related to Military Construction appropriations.

## 1702 BUDGET ESTIMATES SUBMISSION

## 170201 General

*C<sup>3</sup> programs and activities will be incorporated within the regular documentation for budget estimate submissions. Additionally, in accordance with Section 1704, Automation Requirements, each Military Department and Defense Agency will provide an electronic file of all budget lines and appropriations to the ASD(C<sup>3</sup>I) for the C<sup>3</sup> programs/activities. This data should be submitted simultaneously with the BES, but not later than submission of the appropriate FYDP update. This data will be used for developing Congressional Justification Books (CJBs), for responding to inquiries directed to OASD(C<sup>3</sup>I) regarding department C<sup>3</sup> programs and related activities, and for ASD(C<sup>3</sup>I) analysis and oversight.*

## 1703 CONGRESSIONAL JUSTIFICATION/PRESENTATION

## 170301 Purpose

This Section provides guidance for the organization of justification material for the Command, Control and Communications (C<sup>3</sup>) programs.

## 170302 Justification Book Preparation

The office of the Assistant Secretary of Defense for Command Control, Communications and Intelligence (C<sup>3</sup>I) will annually prepare a C<sup>3</sup> Congressional Justification Book in support of selected C<sup>3</sup> programs contained in the President's budget request to the Congress. Similarly, the National Security Agency (NSA), as the largest component of the Defense-wide Information Assurance Program, will, in coordination with the Director, Information Assurance, ASD(C<sup>3</sup>I), and the Defense-wide Information Assurance Program Staff, prepare a Defense-wide Information Assurance Program Congressional Justification Book (DIAP CJB). The DIAP CJB will describe the resources and activities associated with the conduct of Information Assurance efforts throughout the Department, as well as those associated with the Information Systems Security Program.

## 170303 Submission of Justification Books

The C<sup>3</sup> congressional justification books will consist of a DoD C<sup>3</sup> Congressional Justification Book and a Defense-wide Information Assurance Congressional Justification Book. These instructions relate only to the preparation of the C<sup>3</sup> Budget Justification Book. Instructions for the Defense-wide Information Assurance Program Congressional Justification Book will, in coordination with the Information Systems Security Program Manager, be published separately by the DoD Chief Information Officer.

170304 Input for C<sup>3</sup> Congressional Justification Books

A. The Services' and Defense Agencies' inputs to the C<sup>3</sup> congressional justification book will be provided to the OASD(C<sup>3</sup>I) as required by the ASD(C<sup>3</sup>I) guidance and supplemental instructions published separately. This input will consist of a program justification which describes the program, a graphic or schematic of the program, its performance characteristics, management oversight, milestones and schedules, contract information, and program highlights describing activities and plans for the funds by fiscal year. Its contents must be consistent with the Service and Agency exhibits prepared for all appropriations (RDT&E, Procurement, MILCON, and O&M) budget justification material included in the President's budget request.

B. The Services and Defense Agencies will provide an electronic file of C<sup>3</sup> and related projects and Budget Line Items in accordance with Section 1704, Automation Requirements, to the ASD(C<sup>3</sup>I) to support development of the C<sup>3</sup> congressional justification book. This data should be submitted as soon as possible after the Service/Agency President's Budget database lock.

*170305 Relationship of C<sup>3</sup> Congressional Justification Book with Military Department and Defense Agency Justification Material.*

*The C<sup>3</sup> congressional justification book is not intended to duplicate the individual Service or Defense Agency justification material. Rather, it supplements them by displaying budget information in a programmatic context that facilitates congressional understanding. To ensure consistency between the C<sup>3</sup> justification book and Military Department and defense agency justification material, an advance copy of C<sup>3</sup>I program related budget exhibits should be provided to the Office of the ASD(C<sup>3</sup>I) Resource Management Directorate at the same time advance copies are provided to the OUSD(Comptroller) for review.*

## 1704 AUTOMATION REQUIREMENTS

## 170401 Purpose

*This Section provides guidance for submission of specific C<sup>3</sup> resources to OASD(C<sup>3</sup>I), in accordance with Section 010505, Automated C<sup>3</sup>ISR Requirements.*

170402 Automated Communications, Command and Control, Intelligence, Surveillance and Reconnaissance (C<sup>3</sup>ISR) Database

*A. Purpose and Objectives. The C<sup>3</sup>ISR database is the only complete, automated source of resource data for Communications, Command and Control, Intelligence and related activities for use by the Office of the Secretary of Defense and the Joint Staff. For a variety of reasons, the FYDP structure (and to a lesser extent Budget structure) is not capable of identifying fully C<sup>3</sup>ISR costs. As a result, the ASD(C<sup>3</sup>I) maintains a hybrid database that integrates both budget and program resource detail organized by program/project/activity and functional categories, among other things. Included are budget lines and Program Elements dedicated to C<sup>3</sup>ISR, as well as portions of similar data elements dedicated to other activities but which also include C<sup>3</sup>ISR funding. The C<sup>3</sup>ISR database is essential to the preparation of the Intelligence and C<sup>3</sup> Justification Books required by Section 0104. It facilitates functional analyses for OSD and the Joint staff.*

*B. Applicability. The provisions of this section apply to the Office of the Secretary of Defense (OSD), the Military Departments, and the Defense Agencies (hereafter referred to as Components) that fund Communications, Command and Control, and related activities.*

*C. Reporting Requirements. Updates are required coincident with submission of the (1) Program Objective Memorandum, (2) Budget Estimates, and (3) President's Budget.*

*D. Related Databases. Data in the C<sup>3</sup>ISR database is fully consistent with data contained in the FYDP, R&D and Procurement Annexes, and Biennial Budget databases.*

*E Instructions – C<sup>3</sup>ISR Data Update.*

*1. General. An electronic file of budget line items, sorted by Appropriation and Program Element will be submitted by Components to OASD(C<sup>3</sup>I) via on line electronic data transfer or floppy disk as appropriate. Since this is an iterative process, each update will consist of those budget lines and Program Elements included in the previous update, plus any new data identified by either OASD(C<sup>3</sup>I) or Component as appropriate.*

*2. Technical. Data will be formatted as ASCII, comma delimited files (or if this is impracticable in a spreadsheet) and consist of the following elements:*

*a. Dollars: Resource Identification Code (RIC)/Appn; budget activity; line item code (R&D project number or procurement line number); Program Element; PY; CY; BY1 (and BY2 when appropriate); BY+1; BY+2; BY+3; and BY+4.*

*b. Manpower: RIC/Appn; Category; Program Element; PY; CY; BY1 (and BY2 when appropriate); BY+1; BY+2; BY+3; and BY+4.*

*c. New or changed titles/labels for data elements (e.g. line items, Program Elements, etc.) should be included separately, but as part of the Update.*