



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
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WASHINGTON, DC 20350-2000

OPNAVINST 9010.300B
N8
22 DEC 2011

OPNAV INSTRUCTION 9010.300B

From: Chief of Naval Operations

Subj: DEVELOPMENT OF ALTERNATIVE FUTURE NAVAL SYSTEM CONCEPTS

Ref: (a) Naval Capability Board (NCB) Charter (NOTAL)

1. Purpose. To provide guidance and procedures for the concept formulation (CONFORM) of alternatives for future naval ships, aircraft, weapons and command, control, communications, computers, and intelligence (C4I) systems.
2. Cancellation. OPNAVINST 9010.300A.
3. Background. There is a need for an annual process to pursue the development of alternative future naval system concepts that can be applied in the development of acquisition programs of future naval ships, aircraft, weapons, and C4I systems. The majority of total ownership cost (TOC) is "locked" into a design in the pre-milestone phases of a program. In later stages of a program, it becomes much more costly to make changes that will significantly impact TOC. Investment up front in CONFORM can have a high payoff in TOC reduction over the lifecycle of a naval ship, aircraft, weapons and C4I systems. These activities are also necessary to provide the early stage analysis, design tools and engineering, required for transition to program of record projects.
4. Customer. The primary customer of alternative future naval system concepts is the Chief of Naval Operations' investment accounts resource sponsors and the program offices in the systems commands (SYSCOM) for use in future acquisition of naval systems. The concepts are also of value to the technology creation and development organizations in the Navy, such as the Office of Naval Research and the alternative fleet evaluation wargames conducted by organizations such as the Naval War College. Other customers are naval schools who may use the concepts to serve as source material for thesis and other academic studies.

5. Policy. The Navy shall establish and maintain an annual program cycle for developing and assessing alternative future naval system concepts based on warfighting capabilities and systems-of-systems engineering principles.

6. Procedure

a. Oversight and guidance to determine how each fiscal year's CONFORM studies are conducted shall be provided by the Naval Capability Board (NCB), per reference (a).

b. Resource sponsors, budget submitting offices (BSO), and lead SYSCOM shall provide input to the NCB per paragraph 6 of this instruction.

c. The annual future naval systems CONFORM process will begin with a survey of ideas for candidate concepts early in the fiscal year conducted by resource sponsors and BSOs. Sources of ideas can include the Office of the Chief of Naval Operations (OPNAV) staff, SYSCOMs, naval systems centers, naval laboratories, naval schools, the fleet or systems promoted by non-Navy advocates in public forums.

7. Action

a. OPNAV Warfare Integration Division (OPNAV (N8F)) shall be the resource sponsor for establishing and maintaining an annual program cycle for developing and assessing alternative future naval system concepts.

b. Resource sponsors, BSOs and Naval Sea Systems Command (NAVSEASYSYSCOM) shall collaborate and provide study inputs to the OPNAV (N8F) NCB director for the upcoming fiscal year no later than 31 March. Submission will be made via OPNAV 9010/10 Conform Study Proposals.

c. OPNAV (N8F) will integrate the resource sponsor, BSO and SYSCOM inputs and prepare a recommendation of which studies to conduct to the NCB no later than 30 May.

d. The NCB will vote and determine which concept studies will be conducted no later than 15 August.

e. NAVSEASYSKOM shall serve as the lead SYSKOM for this program and appoint a program manager (PM). The PM shall execute the program per the determinations of the NCB and as funded by the resource sponsor. The PM shall lead any multi-SYSKOM collaborative efforts. NAVSEASYSKOM, Naval Air Systems Command and Space and Naval Warfare Systems Command shall appoint study directors that will coordinate the studies within their SYSKOM and with the other SYSKOMs to provide the results to the NAVSEASYSKOM PM. The PM will ensure that the complete warfare capability system-of-system concept packages are provided to the NCB. The PM shall provide final packages to the NCB within 1 month of the completion of each effort.

8. Records Management. Records created as a result of this instruction, regardless of media and format, shall be managed per Secretary of the Navy (SECNAV) Manual (M-)5210.1 of November 2007.

9. Forms and Reports Control

a. OPNAV 9010/10 Conform Study Proposals is available for download from Naval Forms OnLine at <http://navalforms.daps.dla.mil/web/public/home>.

b. Reports contained within this instruction are exempt from reports control per SECNAV M-5214.1 of December 2005.



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