



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

IN REPLY REFER TO

OPNAVINST 8010.13C  
N865  
18 February 1993

OPNAV INSTRUCTION 8010.13C

From: Chief of Naval Operations

Subj: DEPARTMENT OF THE NAVY'S POLICY ON INSENSITIVE MUNITIONS (IM)

Ref: (a) Memorandum of Agreement on Establishment of a Joint Requirement for Insensitive Munitions of 8 Sep 87 (NOTAL)

1. Purpose. To issue a revised Department of the Navy IM policy. This is a complete revision and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 8010.13B.

3. Discussion

a. IMs are munitions designed to fulfill their performance, readiness and operational requirements on demand, while minimizing the violence of their response to unplanned stimuli, such as heat, shock, and impact.

b. The term munitions refers to all non-nuclear energetic devices, including bombs, missiles, torpedoes, mines, pyrotechnic devices, demolition charges, rocket motors and other devices that utilize energetic materials. The energetic materials in these munitions produce the required propulsive power, fuzing and terminal effects to meet operational requirements. However, the intrinsic reactivity of these materials also makes the munitions susceptible to initiation or ignition by unplanned stimuli. As a result of this sensitivity, Navy munitions, before employment, present a major threat to the survivability of our ships and other weapons platforms, as well as our storage and transportation facilities.

4. Policy

a. All Navy munitions, in research and development or product improvement programs, shall be designed to meet the prevailing technical requirements for IM, as specified by Commander, Naval Sea Systems Command (COMNAVSEASYS COM) governing instructions. Operational capability must be maintained, but every reasonable effort must be made to meet operational requirements with the least sensitive energetic materials available.



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b. Munitions in the current Navy inventory or production shall be modified to meet the requirements for IM, as specified by COMNAVSEASYS COM directives, when the modification is technically, operationally and fiscally feasible. Modification programs shall emphasize the highest priority munitions as determined by the Insensitive Munitions Council. Retrofit programs shall be executed when the IM modification can be performed during the normal maintenance cycle.

c. All programmatic actions pertaining to munition acquisition and development will comply with existing policies/procedures and all documentation will reflect the insensitivity requirement. In addition, all milestone reviews for munitions shall address insensitivity, including transition costs and alternatives.

d. The Navy's IM policy extends to all munitions regardless of the source of design or manufacture which are used, stored or transported aboard U. S. Navy ships, weapon platforms, weapon carriers, and munitions held at Navy ashore activities. Every effort shall be made with other services to ensure maximum compliance with the provisions of reference (a), the Insensitive Munitions Joint Memorandum of Agreement.

## 5. Action

a. The Director, Surface Warfare Division (N86) is responsible for overseeing and coordinating the planning, funding, and execution of the IM program.

b. The OPNAV Insensitive Munitions Council (IMC) shall assist the Director, Surface Warfare Division in the execution of the IM program. The Head, Surface Combat Systems Branch (N865), as Chairperson of the IMC, shall coordinate the Council activities.

(1) Members of the Council are as follows:

(a) Head, Attack Submarine Branch (N872)

(b) Director, Supply Programs and Policy Division (N41)

(c) Head, Aviation Plans and Requirements Branch (N880)

(d) Director, Assessment Division (N81)

(e) Director, Science and Technology Requirements  
Division (N911)

(f) Chairperson, Insensitive Munitions Coordination  
Group (SEA-06), Naval Sea Systems Command

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(g) Assistant Commander for Systems and Engineering (AIR-05), Naval Air Systems Command

(h) Program Manager for Ammunition, Marine Corps Systems Command (PM-AM)

(2) Other participants may be invited at the discretion of the IMC Chairperson.

(3) The IMC shall meet periodically, but not less than semi-annually at the call of the Chairperson, to coordinate the planning, funding, and execution of the IM program. Council activities should be timed to provide support for programmatic and budgetary decisions by Principal OPNAV Officials. The IMC shall publish an annual report (by fiscal year), summarizing its activities and the status of the IM program.

c. The OPNAV Insensitive Munitions Council Working Group (IMCWG) shall consist of the action officers designated by the IMC members. The IMCWG shall support the IMC by providing assistance when requested.

d. The COMNAVSEASYS COM, as the lead Systems Command for explosive materials, energetic materials and insensitive munitions, shall:

(1) Establish the Navy Insensitive Munitions Coordination Group (IMCG) to support the IMC in all aspects of planning and execution of the IM program, including oversight management of the IM plan of action and milestones (POA&Ms) for all munitions and IM technology development efforts.

(2) Assign a representative to the IMCWG.

(3) Establish the Navy Insensitive Munitions Office (IMO) to support the IMCG.

(4) Publish and maintain current technical requirements for IM.

(5) Manage and technically direct the Navy's IM Advance Development (IMAD) Program.

(6) Establish and maintain waiver, POA&M and certification procedures for IM.

(7) Maintain records of all Navy weapon system waivers, POA&Ms and certifications.

(8) Serve as the Navy lead in maintaining an active IM program with the Joint Ordnance Commanders Group (JOCG).

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(9) Serve as the Navy lead in the coordination and participation within the NATO Insensitive Munitions Information Center (NIMIC).

e. In-service munitions shall have a valid waiver, or certification, as defined below on record at all times.

(1) Any departure from the Navy's policy on IM, as issued by this instruction, must be approved by the IMC. A request to waive IM requirements shall have a clear rationale for why a munition cannot be transitioned to IM, a clear rationale which will include specific actions required and an estimate of funding and schedule for how the munition will be transitioned to IM (if applicable), a technical assessment by the IMO and a recommendation by the IMCG. A waiver may be requested only after a thorough evaluation of a munition shows that meeting the IM requirements is not feasible. All waivers will be reviewed annually. The Office of Primary Responsibility (OPR) will notify the IMO immediately concerning any change affecting the munition waiver.

(2) The IMC will certify all Navy munitions which meet IM technical requirements. A request for IM certification shall be accompanied by a system description, IM test description and results, a technical assessment by the IMO, and a recommendation by the IMCG.

f. The Office of Primary Responsibility (OPR) for new munitions, product improvement programs (PIP) and new procurements of in-service munitions shall submit an updated POA&M to the IMO annually on 1 December. The OPR is usually the Program Manager (PM).

(1) The POA&M shall list the actions necessary to make the munition insensitive, required and programmed funding to implement these actions, and scheduled deliverables. The POA&M should display the above data by fiscal year and quarter.

(2) A change in a POA&M shall be submitted whenever a change in the program occurs, and will follow the same review process required for the original POA&M.

(3) To support POA&M submissions the OPR/PM shall display IM funding requirements as a separate sub-line in the applicable munition budget submissions. This will include all research and development, product improvement, and procurement (Other Procurement, Navy/Weapon Procurement, Navy).

g. The Resource Sponsor shall review and indicate concurrence with the certification request or waiver request or POA&M for the munition before it is submitted for review. Sponsor concurrence indicates that rationale for certification or waiver and out year funding is identified to execute the POA&M.

h. The implementation of this policy is the responsibility of the following: The Director, Surface Warfare Division (N86); other OPNAV Principal Officials; the chair and members of the IMC, IMCG, IMO, and IMCWG; all OPRs and Resource Sponsors for Navy munitions. Implementation also requires that the Navy policy on insensitive munitions be considered in all transactions with other services or foreign military agencies.

6. Report. The reporting requirement in paragraph 5b(3) is exempt from reports control by SECNAVINST 5214.2B.

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