NAVY’S IMPLEMENTATION OF ENVIRONMENT IN ACQUISITION

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**Navy's Implementation of Environment in Acquisition**

Presented at the NDIA Environment, Energy Security & Sustainability (E2S2) Symposium & Exhibition held 21-24 May 2012 in New Orleans, LA.
Agenda

1. Introduction: Goals, Strategy & Outcomes
2. Foundation: Policy & Overview
3. Navy Initiatives: Current Focus
4. Tools: Navy Environmental Readiness in Acquisition IPT
5. Recent Activity & Successes
1. Ensure warfighter’s ability to train and operate, in full compliance with environmental requirements, at the time of system delivery.

2. Integrate environmental considerations (design, materials and practices) throughout the lifecycle of the system, including management of environmental risk through the systems engineering process.

**Strategy**

*Shape policy to require:*
- Consideration of environmental requirements early and throughout the acquisition process
- Oversight assessment

*Inform and engage stakeholders with:*
- Environmental Requirements
- Review of Documents
- Oversight Reviews

*Execute Phase II Environmental Planning-At-Sea:*
- Encompass all RDT&E and training into comprehensive, Navy-wide environmental planning and compliance documents

**Outcomes**

Avoid cost increases, schedule delays or performance constraints on system testing and operations from environmental requirements.

Integration of environmental considerations into system design and process and achieve efficient and effective environmental compliance throughout the lifecycle of the system.
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SECNAVINST 5000.2E & OPNAVINST 5090.1D

SECNAVINST 5000.2E

DEPARTMENT OF THE NAVY
IMPLEMENTATION AND OPERATION
OF THE DEFENSE ACQUISITION SYSTEM AND
THE JOINT CAPABILITIES INTEGRATION AND
DEVELOPMENT SYSTEM

OPNAVINST 5090.1D

CHIEF OF NAVAL OPERATIONS,
ENVIRONMENTAL READINESS PROGRAM
MANUAL
Based on the environmental readiness requirements and goals of OPNAV N4 memorandum of 29 Jul 08, Navy AoA IPTs “shall include an environmental expert who shall provide a review of the preferred system alternative from an environmental readiness and environment, safety, and occupational health (ESOH) standpoint, and provide an assessment of the likely environmental challenges in developing, testing, and training with the preferred system alternative. This assessment shall be provided to the Fleet environmental staffs for situational awareness on system acquisition programmatic efforts to address environmental planning and ESOH requirements associated with the preferred system’s test and evaluation, home-porting/basing, post-IOC usage, and fleet training.”
Purpose:

• Assist acquisition programs, SYSCOMs, PEOs, and the fleet in their understanding and implementation of environmental requirements
• Provide and implement Navy program policies and procedures

Content Features:

• Requirements & Responsibility by Acquisition Phase
• Requirements in Systems Engineering (SE) documents
• OPNAV N4 Goals & Environmental Compliance Activities
• Environmental Considerations (and purpose) at each Gate Review
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Programs must document their early review of potential environmental compliance requirements into the Initial Capabilities Document (ICD) and AoA Guidance/Study Plan.
2010-2011 Environment in Acquisition Focus

Programs must continue to document and integrate environmental language in the Capabilities Development Document (CDD) and contract documents.
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• Ensure environmental-related factors are consistently incorporated into decisions at all phases of system development and acquisition

• Identify specific areas in the acquisition process where environmental efforts and innovations should and can be incorporated

• Use the ACQ-ER IPT SharePoint site for members to review, provide comments and participate in discussions regarding environmental considerations in the acquisition process

• Develop a guidebook and conduct trainings to educate the workforce and requirements officers on environment in acquisition related matters
Core Members:
- NAVAIR
- NAVSEA
- SPAWAR
- USFF
- NAVFAC

Additional Members:
- DASN (Env)
- ASN(RD&A)
- OPNAV N9
- OPNAV N83
- USMC
- NOSSA
- OGC

ACQ-ER IPT

Core Members

Additional Members

OPNAV N45
Environmental Considerations in the ILA/PSR Process

Environmental Considerations in the SETR Process

DoD Policy (DoDD 5000.01; DoDI 5000.02; DAG)

Environmental Training
Meeting/Review Format

Stakeholders Kick-Off Meeting
Working Meeting #1 Via SharePoint
Working Meeting #2 Via SharePoint
Stakeholders Out-Brief Meeting
Out-Brief to N45 Leadership

N9 (Navy Requirements Officers), ASN(RD&A)
Core Members and Requirements Officers and ASN(RD&A)
N9 (Navy Requirements Officers), ASN(RD&A)

JCIDS Process
ACQ-ER IPT SharePoint Site – Home Page

- **Purpose**
  - Ease the review process
  - Facilitate discussion

- **Uses**
  - Document/language review and discussion boards

- **Topics:**
  - Activities throughout acquisition process
ACQ-ER IPT SharePoint Site

- Review ICD language
- Review CDD language
- Review CPD language

Original Language:

1. The [System] shall maintain full compliance with applicable U.S. and U.S. ratified international environmental laws and regulations.

2. The [System] shall eliminate or reduce environmental risk to ensure mission readiness, to maximize operational suitability, and to minimize total ownership cost of the solution so operators and maintainers can test, train, use and dispose of the potential solution across its life-cycle.

Edited Language:

1. The [System] shall maintain full compliance with applicable U.S. and U.S. ratified international environmental laws and regulations and shall eliminate or reduce environmental risk to ensure mission readiness, to maximize operational suitability, and to minimize total ownership cost of the solution.
# Navy Acquisition in Environmental Readiness (ACQ-ER) IPT

**Tasking Slide**
19 March 2012

## Current Tasks & Due Dates

<table>
<thead>
<tr>
<th>Language Development</th>
<th>Language Finalization</th>
<th>Meetings/Events</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contracts (SDS/SPS) Language:</strong> Due 23 March 2012 <em>(Language Development: SDS/SPS)</em></td>
<td><strong>Analysis of Alternatives:</strong> Due 23 March 2012 <em>(Language Finalization: AoA)</em></td>
<td><strong>ACQ-ER IPT Meeting:</strong> 16 February 2012 <a href="#">ACQ-ER IPT meeting minutes</a></td>
</tr>
</tbody>
</table>

### Relevant Events:
- The next DoD ESOH IPT meeting has been scheduled for Tuesday, 10 April 2012, 930 to 1200 at the Booz Allen Hamilton Offices, 1550 Crystal Drive, Suite 1100

### Supporting Documents:
- A contracts summary is available on the site’s SDS/Contracts page to provide further information on the SDS’s background and purpose of language development *(Contract Summary)*.

## Future Tasks & Due Dates

<table>
<thead>
<tr>
<th>Tasks</th>
<th>Date available on the SharePoint Site</th>
<th>Date due from IPT</th>
</tr>
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<tbody>
<tr>
<td>Contracts (SOW) Language</td>
<td>23 March 2012</td>
<td>30 March 2012</td>
</tr>
<tr>
<td>Contracts (RFP) Language</td>
<td>30 March 2012</td>
<td>13 April 2012</td>
</tr>
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</table>

Environment SharePoint Site Homepage: [https://pmew2.bah.com/ecs/OPNAV45Environment/default.aspx](https://pmew2.bah.com/ecs/OPNAV45Environment/default.aspx)

Environment SharePoint Site E-mail: [OPNAV45ACQ-ER@navy.mil](mailto:OPNAV45ACQ-ER@navy.mil)
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**Recent Activity: JCIDS Process**

### Total Documents Reviewed (2010 vs 2011)

- **2010**: 124
- **2011 (thru Sept 2011)**: 91

*Based on 2010 and 2011 Documents*

### JCIDS Documents Reviewed Overview (2011)

- **No Comment**: 52%
- **Sufficient Language**: 22%
- **Provided Comment**: 26%

*Based on 91 Documents Reviewed in 2011*

### Type of Documents Reviewed

- **ICD**: 33%
- **CDD**: 42%
- **CPD**: 25%

*Based on 2011 Submitted Comments*

### Types of Submitted Comments

- **Admin**: 33%
- **HAZMAT**: 29%
- **Env Compl**: 33%
- **Env Pl**: 13%
- **Report Risk**: 8%

*Based on 2011 Submitted Comments*
**Recent Activity: Requirements Training Course**

- **Prepare Lesson Content**
  - April 6 - 27

- **Second Review of Lessons**
  - April 27 - May 18

- **Course Material Development Complete**
  - May 18 - June 15

- **Issue OPNAV Instruction**
  - June 15 - July

- **Initial Review of Lessons**
  - July

- **Training Course Rehearsal (TBD)**
  - July 12

- **First Navy Requirements Officer Course**
  - August
Environment in Requirements and Acquisition Process

Environmental Language Included in JCIDS (Recent)
- OHIO-R (CDD)
- LSD (X) (ICD)
- T-ATS(X) (ICD)
- TAO(X) (ICD)
- LSATR (ICD)

General Environmental Language Included in AoA (Recent)
- LSD (X)
- T-ATS(X)
- TAO(X)
- LSATR (TBD)

Specific Environmental Language Included in AoA & SDS
- TAO(X) (Ballast Water Exchange System & Commercial Standards)
- DDG-51 (Use of Ultra High Solids Paint)
Navy Implementation of Environmental Readiness in Acquisition