



# OSD Thrust on System Safety Panel



## 2004 PEO/SYSCOM CONFERENCE

Dr. Liz Rodriguez-Johnson, OSD/AT&L

Mr. Brian Murray, ARMY

Ms. Connie DeWitte, NAVY

Mr. Terry Jagers, AIR FORCE



THE SECRETARY OF DEFENSE  
1000 DEFENSE PENTAGON  
WASHINGTON, DC 20301-1000

May 19, 2003

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS  
CHAIRMAN OF THE JOINT CHIEFS OF STAFF  
UNDER SECRETARIES OF DEFENSE  
DIRECTOR, DEFENSE RESEARCH AND ENGINEERING  
ASSISTANT SECRETARIES OF DEFENSE  
GENERAL COUNSEL OF THE DEPARTMENT OF  
DEFENSE  
INSPECTOR GENERAL OF THE DEPARTMENT OF  
DEFENSE  
DIRECTOR, OPERATIONAL TEST AND EVALUATION  
ASSISTANTS TO THE SECRETARY OF DEFENSE  
DIRECTOR, ADMINISTRATION AND MANAGEMENT  
DIRECTOR, FORCE TRANSFORMATION  
DIRECTOR, NET ASSESSMENT  
DIRECTOR, PROGRAM ANALYSIS AND EVALUATION  
DIRECTORS OF THE DEFENSE AGENCIES  
DIRECTORS OF THE DOD FIELD ACTIVITIES

SUBJECT: Reducing Preventable Accidents

World-class organizations do not tolerate preventable accidents. Our accident rates have increased recently, and we need to turn this situation around. I challenge all of you to reduce the number of mishaps and accident rates by at least 50% in the next two years. These goals are achievable, and will directly increase our operational readiness. We owe no less to the men and women who defend our Nation.

I have asked the Under Secretary of Defense for Personnel and Readiness to lead a department-wide effort to focus our accident reduction effort. I intend to be updated on our progress routinely. The USD(P&R) will provide detailed instructions in separate correspondence.



U06916-03

# DSOC TASK FORCES

Deployments & Operations

Military Training

Aviation Safety Improvements

Private Motor Vehicle Accident Reduction

Installation and Industrial Operations

Worker's Compensation

Occupational Medicine, Injury Prevention & Mitigation

Enterprise Information & Data

**Acquisition & Technology Programs**



THE UNDER SECRETARY OF DEFENSE  
3010 DEFENSE PENTAGON  
WASHINGTON, DC 20301-3010

SEP 23 2004

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Defense Acquisition System Safety

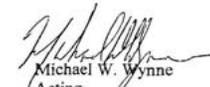
On July 3, 2003, the Secretary of Defense established the Defense Safety Oversight Council (DSOC) and tasked them with the goal of reducing DoD mishap and accident rates by 50% in two years. Subsequently, the Strategic Planning Guidance (SPG) was modified to institutionalize this goal. We can contribute substantially to meeting SPG guidance by following an informed and structured risk assessment and acceptance process, which manages and minimizes system safety risks throughout the acquisition process. Our intent is to design safety into our weapons systems, not add it afterwards as an operational consideration.

Therefore, in order to increase the emphasis on system safety within our acquisition process, I direct addressees to ensure that:

- a. Program Managers (PMs), regardless of the Acquisition Category of their programs, integrate system safety risk management into their overall systems engineering and risk management processes.
- b. PMs use the government and industry Standard Practice for System Safety, MIL-STD-882D, in all developmental and sustaining engineering activities.
- c. PMs ensure the DoDI 5000.2 requirement to integrate the Environment, Safety, and Occupational Health (ESOH) risk management strategy into the systems engineering process is incorporated in the Systems Engineering Plan.
- d. PMs identify ESOH hazards, assess the risks, mitigate the risks to acceptable levels, and then report on the status of residual risk acceptance decisions at technical reviews and at the appropriate management levels in the Program Review process in accordance with MIL-STD-882D.



I need your help to implement these actions to integrate system safety risk management more effectively into our acquisition process. Active collaboration between system safety and acquisition communities as we execute our programs will help achieve the goals the Secretary of Defense has established. It will also save lives, preserve assets, and enhance our overall war fighting capability by increasing readiness through system safety improvements.

  
Michael W. Wynne  
Acting

DISTRIBUTION:  
SECRETARIES OF THE MILITARY DEPARTMENTS  
CHAIRMAN OF THE JOINT CHIEFS OF STAFF  
COMMANDER, SPECIAL OPERATIONS COMMAND  
ASSISTANT SECRETARY OF DEFENSE (NETWORKS &  
INFORMATION INTEGRATION/CHIEF INFORMATION OFFICER)  
GENERAL COUNSEL OF THE DEPARTMENT OF DEFENSE  
DIRECTOR, OPERATIONAL TEST AND EVALUATION  
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DIRECTOR, DEFENSE THREAT REDUCTION AGENCY  
DIRECTOR, MISSILE DEFENSE AGENCY  
DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
DIRECTOR, NATIONAL SECURITY AGENCY

cc:  
Director, Acquisition Resource and Analysis  
Director, Defense Procurement and Acquisition Policy  
Director, Installations and Environment  
Director, Logistics and Materiel Readiness  
Director, Defense Research and Engineering

# SERVICE AND AGENCY EFFORTS

## **ODUSD(I&E)**

- Chairs DoD Acq ESOH IPT focused on integrating ESOH into SE process via DoD 5000
- Participates in MS review process by reviewing Acq Strategy and PESHE
- Works with DAU to integrate ESOH into SPRDE courses
- Working on criteria that will aid decision makers in determining if a program is addressing Safety sufficiently
- Participated in “OSD Thrust in System Safety” panel at 7th Annual NDIA Systems Engineering Conference

## **AIR FORCE**

- Planning SAF/AQ cover memo to USAF Acquisition Program Offices, to:
  - Elaborate on implementation of Wynne memo requirements
  - Reinforce new AFPD 90-8 that incorporates key elements of Wynne memo
- Supporting development of DAU “System Safety in SE” Continuous Learning Course Module
- Member of DoD Acquisition ESOH IPT
- Participated in “OSD Thrust in System Safety” panel at 7th Annual NDIA Systems Engineering Conference

## **ARMY**

- Distribute Wynne Safety Memo with Mr. Bolton’s endorsement
- MOA with Army Safety Center to develop procedures and identify safety review team
- MOA with AMC to develop tracking system, codify safety review & insertions, identify system candidates
- Member of DoD Acquisition ESOH IPT
- Participated in “OSD Thrust in System Safety” panel at 7th Annual NDIA Systems Engineering Conference

# SERVICE AND AGENCY EFFORTS

## (con't)

### **NAVY and USMC**

- DASN(Safety) coordinating a meeting of DASN counterparts in ASN(RDA) with goal of increasing collaboration between Safety and Acq professionals
- Wynne memo being staffed within ASN(RDA) with target date of 19 Nov for Mr. Young's memo to Mr. Wynne outlining DON initiatives for implementation
- DASN(Safety) hosted meeting between Commander Naval Safety Center, Director HQMC Safety Division and Director, Resource Evaluation for ASN(I&E) which outlined methodology and procedures so DON Safety Professionals could interact in more decisive and effective manner within acq and PPBE process
- Developing criteria to assess safety compliance, i.e., draft matrix correlating common safety & health issues with defense products
- Member of DoD Acquisition ESOH IPT
- DASN(Safety) participated in "OSD Thrust in System Safety" panel at 7th Annual NDIA Systems Engineering Conference and at the Annual PEO/SYSCOM Conference.

### **MISSILE DEFENSE AGENCY**

- Safety structured under the Safety, Quality, and Mission Assurance (QS) Directorate as a straight line organization to the MDA Director
- Integrating safety and quality into the acquisition, testing and operations of MDA and program elements by working closely with each director, element and PM
- Included all safety activities in the MDA Assurance Provisions (MAP)
- MAP safety requirements are Mil Standard 882 based with other Mil Standards, OSHA, and DoD directives
- Risk Assessments/Assurances must have Agency Director approval for High Risks and our BMDS Executive Officer approval for Serious Risk
- Established MDA Advisory program
- Safety POCs interface with each Element
- Mission Assurance Representatives are assigned to various locations within the program element and prime contractor operations
- Member of DoD Acquisition ESOH IPT (MDA/TER and MDA/QSS)
- International Toll Free safety and quality issues and accident reporting line established
- Mr. Wynne's memorandum distributed to directorates and placed on the MDA QS web page and the SOH web page on the MDA Portal (front page)

# CHALLENGE

IMPLEMENTING DOD 5000 AND WYNNE  
SAFETY MEMO DIRECTION TO  
INTEGRATE ESOH INTO SE ACROSS  
ALL ACAT PROGRAMS THROUGHOUT  
THE ENTIRE SYSTEM LIFE CYCLE,  
INCLUDING SUSTAINMENT





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