## **EVMS Surveillance Guide** Final Release for publication

1

**NDIA PMSC Surveillance Team** 



### **Surveillance Working Group Representation**

### Industry

- Boeing
- General Dynamics
- Lockheed Martin
- Northrop Grumman
- Pratt & Whitney
- Raytheon

### Randy Steeno / Mike Beaird Peter Deacon

Judy Beattie /Jim Dramazos

Chris Nicholson/Diane Hilbert

Mike Martin

Bob Loop

- Government (Advisement)
  - NRO
    NSA
    Mary Clark
    NIMA
    AF
    Navy
    Kathryn Llewellyn

#### NDIA PMSC Surveillance Team

### **PMSC Surveillance Team Charter**

### Develop an EVMS Surveillance Guide

- Define effective approach for EVMS surveillance
- Develop a model for effective contractor-lead EVMS surveillance based on successful practices across the industry
- Meet both customer and contractor concerns to develop common approach
- Serve as goal for existing company EVMS surveillance programs and a model for new companies implementing ANSI/EIA 748 current version standards

# **Successful Practices (Selected)**

- Program selection based on risk factors
- Independence, authority for team lead
- Comprehensive and incorporate related system integrity reviews
- Self Assessment and improvement
- Training and process changes may be a result of systemic findings

# **Review of the draft guide**

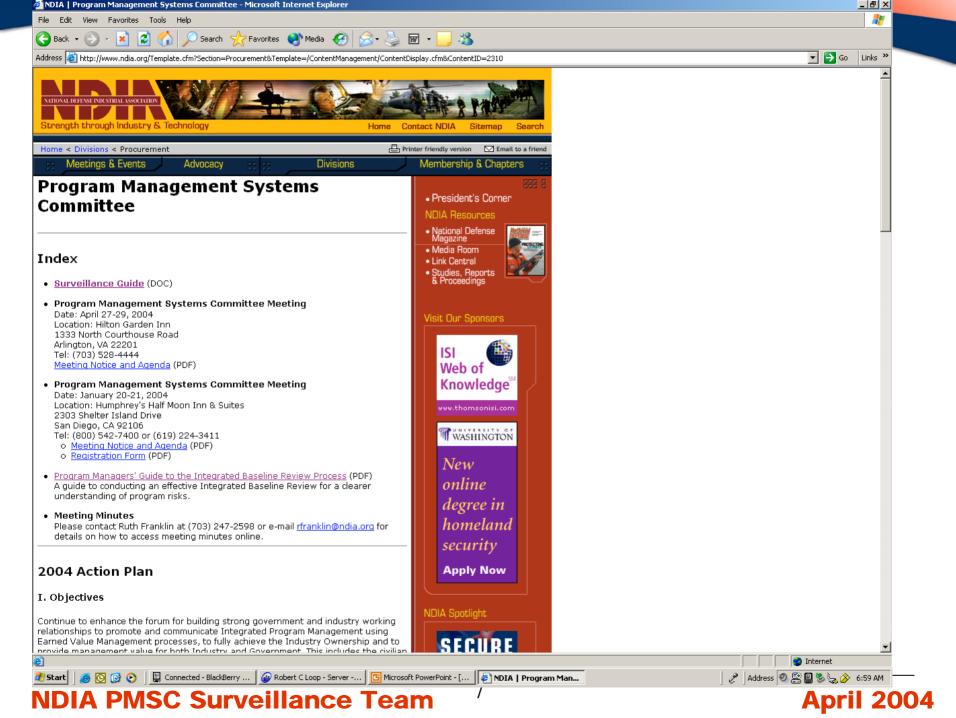
- Comments received from both industry and government.
- The team adjudicated and combined all suggested comments into the final version.



## **Release of Guide**

## Publication as of May 2004

## Final document on NDIA website



## **Team Next Steps**

- Recommend standing down, update every two years
- Industry deployment
- Customer acceptance



#### NDIA PMSC Surveillance Team

## Define an organization responsible for surveillance

- Define level to insure authority and independence
- Define charter and authority appoints team leader for program surveillance review
- Define staffing broad experience and an advocate for the process

### Annual Surveillance Plan

- Surveillance approach
- Guideline selection
- Annual Program Selection
  - Based on risk of remaining work
  - Example of risk assessment algorithm given

## Program Surveillance Planning

- Team member selection leader independence and appointed by EVMS Surveillance Organization
- Recommended model for consideration of joint surveillance Prime to Supplier or Government to Prime
- Planning model given method of preparation

## Program Surveillance Execution

- Responsibilities
- Orientation
- Data gathering special emphasis on CAM interviews
- Feedback session recommendations
- Disposition of results
- Closeout of surveillance reviews

- System Surveillance Management Control and Process Improvement
  - Redefined system surveillance as the summation of program surveillance results and routine updates of training and process improvements
  - Gave example of a program surveillance tracking database
  - Metrics
    - Examples of high level scoring
    - Examples of system surveillance metrics
  - Annual review of surveillance effectiveness

## **Surveillance Guide Notes**

- Supplier perspective felt identical to Government/Prime.
- Careful not to dictate requirements in examples
- Applies equally to companies already performing surveillance and new companies implementing surveillance.

# **Surveillance Guide Future**

It is the industry standard for surveillance

- Each company should consider implementation of intent
- Customers (Prime or Government) Recommend adoption of standard to facilitate one approach
- Will be updated by NDIA every two years to ensure currency.