

CaER Directorate  
Status Report  
ISO9000 Audit Preparation

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August 8, 2001

# Audit Types and Schedule

- MSFC Internal Audit
  - New Scope , and New Standard
  - August 20-24, 2001
- NQA Audit
  - Surveillance Audit (Old Scope, Old Standard)
  - Pre-Assessment Audit (New Scope, New Standard)

Old Scope: Flight HW/SW or Flight related

New Scope: All product and Services

Old Standard: ISO9001:1994 (4 clauses, 20 elements)

New Standard: ISO9001:2000(8 Clauses, 26 elements)

# Audit Preparation Approach

- Prepare for Full Scope
- Training for New Standard Requirement (June 21,22 and July 19)
- Self Study on the Audit Preparation Hand Book (Section 4, Internal/Internal Audit preparation Check List)
  - 4.1 General Audit Check List
  - 4.2 Document Custodian Check List
  - 4.3 Record Custodian Check List
  - 4.4 Safety Coordinator Check List
  - 4.5 Credit Card Owner Check List
- Record Management
- Internal Internal Audit (July 23-August 15)

# CaER Directorate

## Internal/Internal Auditors

CD10/ Mack Blackman, Dana Smitherman

CD20/ Maria Hicks, Sandra Dickerson

CD30/ Susan Whitfield, Lisa Hall, Gillian Stock

CD40/ Janie Crawford , Mike McLean

CD50/ Judi Hollingsworth, Cassandra Pitts

CD60/ Jeff Ehmen, Shelia Nash-Stevenson

CD70/ Judy Pettus, Betty Humphery

# Old vs New Standard

- Basic Difference
  - Old Standard
    - Ensure that we do what we say, and say what we do
    - Look for evidence (Quality Records)
  - New Standard
    - Ensure that we do what we say, and say what we do
    - Ensure that we understand how well we do, and plan for continue improvement
    - Look for evidence (Quality Records, Performance Measurements)

# Comparison

- ISO9001:1994

- 1. Scope
- 2. Normative Reference
- 3. Definition
- 4. Management Responsibility
  - (4.1-4.20)

- ISO9001:2000

- 1. Scope
- 2. Normative Reference
- 3. Definition
- 4. Quality Management System
- 5. Management Responsibility
- 6. Resource management
- 7. Product Realization
- 8. Measurement, Analyses and Improvement

# ISO 9001:2000 Revision

- The ISO9001:2000 revision is considered as an enhancement-not a major revision
- More practical for small business
- Generalized “manufacturing” terminology
- Compatible with other management system (environmental, health, & safety, financial, etc)
- Process-based instead of 20 elements
- The 20 elements that we are familiar with are still included in the 8 clauses (NQA: 26 elements) of the revised standard

# Audit Preparation Check List

- ISO Training
  - Audit Requirements
  - New Standard/ Old Standard
  - Hand book
- Internal/Internal Audit
- Record Management
- Signature sheet (OWI, Point of Contacts)
- Who are your customers, Customer Feedback, Performance Matrix.

