FOS Configuration Audits

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FOS RRR Roadmap

Overview Material

FOS Overview
- RRR Objectives
- FOS Status & Schedule

FOS CSR Action Items
- CSR Action Item Status

Functional Overview
-List of FOS capabilities

FOS Acceptance Test Status

Acceptance Test Status
- Test Results
- Technical Liens & Issues
- External Interface Test Status

FOS Audits

Audit Results
- Physical Cfg Audit (PCA)
- Functional Cfg Audit (FCA)

FOS Next Steps

Post-Acceptance Test Plan
- External Engineering Tests
- IST Delivery
- FOT Plans

Post-B Development/ Sustaining Engineering/
- Approach
- Schedule

Objectives of Audits

Examine "as built" configuration for conformance to product baseline

- **Physical Configuartion Audit (with certification)**

Evaluate functional characteristics to assure design requirements met

- **Functional Configuartion Audit (with certification)**

Convey FOS, Release B to government

- **Accomplished by Contracts Office**

Product Baseline
(audited at PCA)

360-TP-001-002, FOS COTS Hardware for Release B, which includes:

- **Floor Plan** — **Appendix A**
- **Hardware Diagram** — **Appendix B**
- **Network Diagram** — **Appendix C**
- **Cable Management Plan** — **Appendix D**
- **VCATS Listings** — **Appendix E**
- **Vendor Documentation List** — **Appendix F**

814-RD-010-001, FOS Release B Version Description Document *(redlined)*, which includes:

- **COTS Hardware - COTS Software Mapping**
- **Custom Software listing**
- **Tar tape of custom code**

Non-conformance Reports: entered and maintained by NCR custodian

Acceptance Test Documents (reviewed at FCA)

FOS Release B Requirements Baseline

- **Level 4 Requirements**
- **RbR Requirements**
- **Mappings to include:**
  - **Test Cases / L4's**
  - **NCRs / L4's**
  - **Lev 4' s / RbRs**

Acceptance Test Results

Test Procedures

- **Test Logs and Supporting data**

Acceptance Test Non-Conformance Reports

- **by Severity**
- **by Test by Severity**
- **by Test Case by Severity**

Schedule

PCA, COTS Hardware	
Preliminary	7/17-8
Final	7/30-1
PCA COTS Sfwe	
Preliminary	7/21
Final	8/28-9
PCA Custom Code	
Preliminary	8/21, 8/29
Final	9/1
FCA (results of Acceptance Testing)	
Final	9/1

Audit Status

	NCR	Status	Certification
PCA: COTS Hardware	20	Closed	Conforms to PBL
PCA: COTS Software	15	Open	Will comply upon closure of NCRs
PCA: Custom Software			
FCA: Functionality meets Design Rqmts			

NCR Summary

PCA, COTS Hardware

Correction of documentation and records	All corrected

PCA COTS Software

Software to be installed	Not yet installed

PCA Custom Code

FCA

Summary

PCA:

- COTS hardware . . . . . acceptable for turnover.
- COTS software and shareware . . . . . acceptable for turnover upon resolution of outstanding NCRs.
- Custom software . . . . .

FCA: