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# FOS Overview

## Debbie Dunn

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# FOS CSR Roadmap

## Overview Material

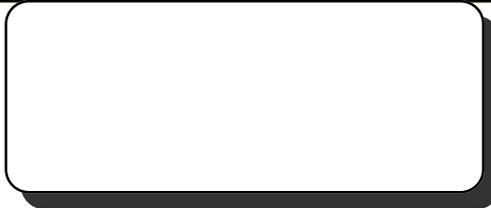
### FOS Overview

- CSR Objectives
- FOS Status & Schedule

### TRR Action Item Summary

- Review each TRR action item
- Present status of each

## FOS System Status



## FOS Dry-Run Phase

### Dry-Run Test Results

- Dry-Run Test Status
- Technical Issues and Liens

## FOS Acceptance Test Phase

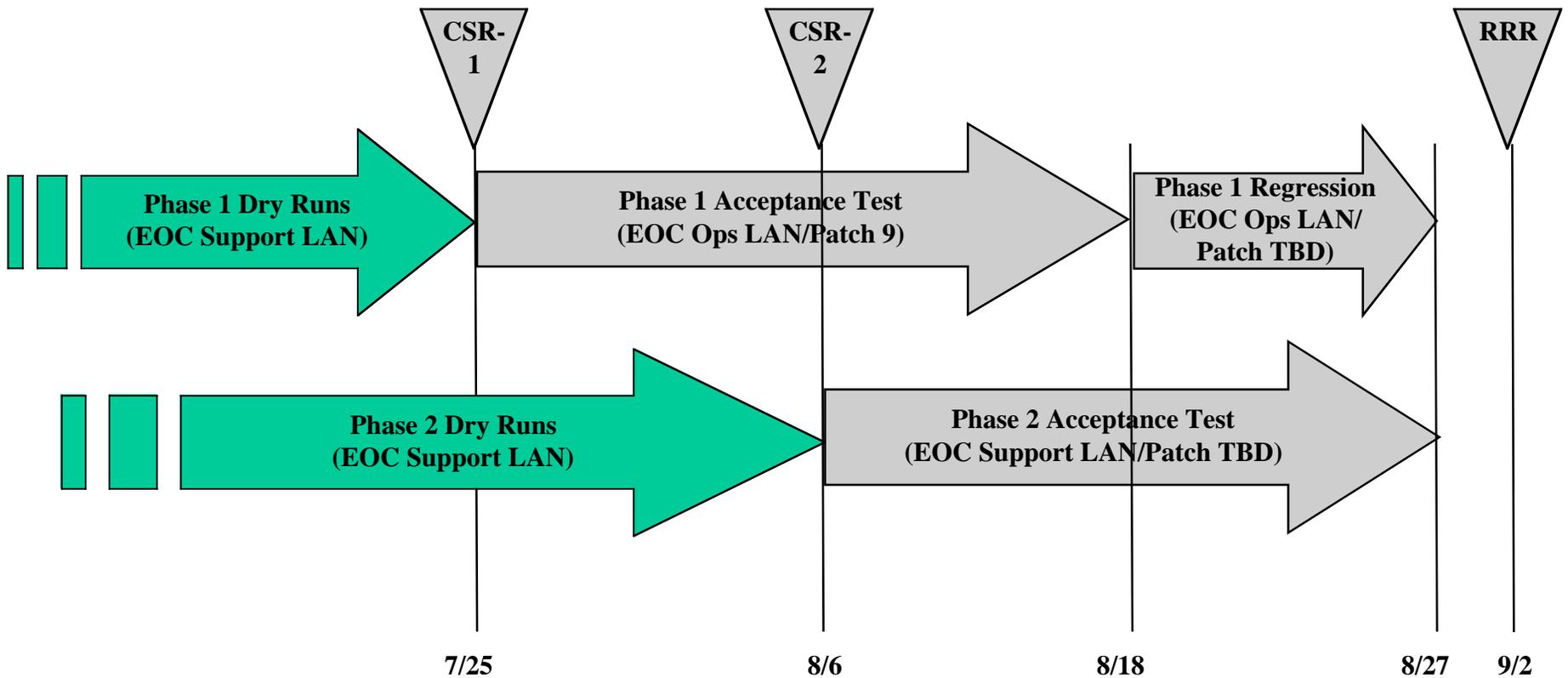
### Acceptance Test Plans

- EOC test environment
- EOC test activities
- EOC test process

### Audits

- PCA
- FCA

# Road to FOS Release B RRR



# CSR Objectives



## CSR Objectives

- **Closure of TRR action items**
- **Provide status on EOC installation**
  - **Hardware and network working in the EOC**
  - **COTS integrated in the EOC**
- **Demonstrate readiness of the application software for Acceptance Testing**
  - **Successfully completed Dry-Run Testing**
  - **Document liens against the FOS Release B system**
- **Demonstrate readiness of the FOS/ATO combined test team to proceed with testing**
  - **Red-lined Test Procedures**
  - **Acceptance Test processes clearly defined and documented**
  - **Defined test data and controlled test tools**

# Highlights/Goals



## FOS Test “Streamlining”

- **Provided early delivery of FOS system to EOC (post-TRR)**
  - COTS hardware and software installation
  - FOS Software installation
  - Test procedure checkout and dry-run
- **Integrated FOS Test Team**
  - FOS Test and Acceptance Test Organization team
- **L4 requirements verification**
  - Verification of L4 requirements during Acceptance Test phase in addition to RBR and IRD requirements

# FOS Release B Documentation Summary



## TRR

- Test Procedures - DID 322/411
- Test Procedures - DID 322/411 and Test Reports - DID 324/412

## Post-TRR (drafts)

- Programmer's Manual - DID 612
- As-Built Design Specification - DID 305

## CSR

- Operations Tools Manual - DID 609
- Version Description Document (draft)
- Test Procedures - DID 322/411 (red-lines)

## RRR

- Programmer's Manual - DID 612
- As-Built Specification - DID 305
- Version Description Document
- Acceptance Data Package - DID 535 and FCA/PCA Audit Report

# FOS Schedule

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**See next page.**



# Training Plans



## Training to Date

- FOT has received “hands-on” training during spacecraft tests (e.g. ECT-1, ECT-2)
- IOT has received “hands-on” training during ground system tests (e.g. IST installations)

## Future Training

- Informal Training provided by current FOT w/ support as necessary from FOS (Aug '97 - Launch)
  - support of Operations CIs development, Exercises, Simulations and Spacecraft tests
  - IST Installations
- Formal Classroom Training provided by FOT (Feb '98 - Mar '98)