

Task Order 116 – eZ-Audit

User Acceptance Testing Results UAT Session #2

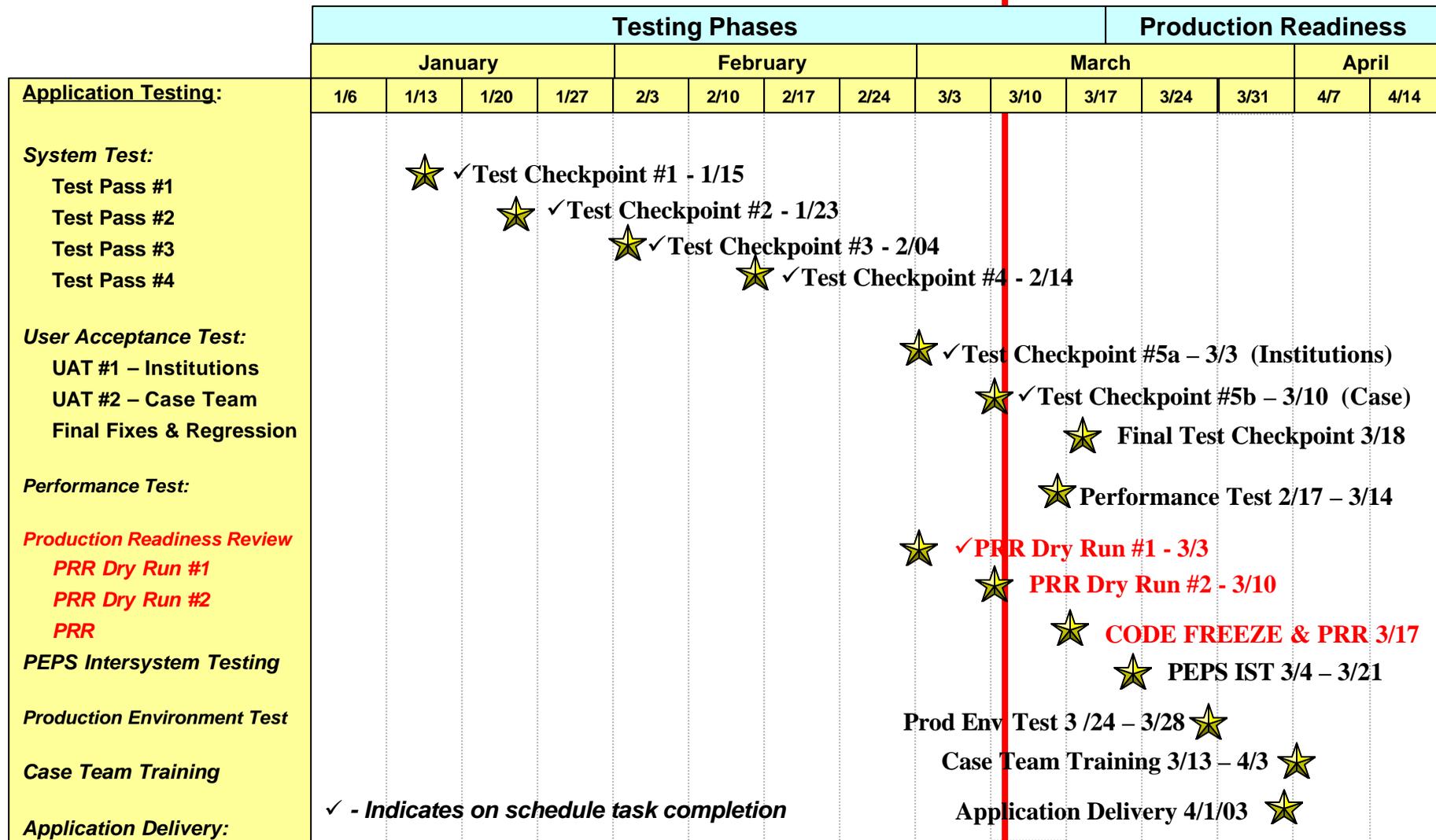
March 10, 2003

Agenda



- 2003 eZ-Audit Timeline
- Post-UAT Test Status
- OGC SIRs Status
- Performance Test Status
- UAT Session #2 Status & Results
- Production Readiness Timeline
- FSA Required Actions

2003 eZ-Audit Timeline & Key Milestones



UAT Session #2 Results



SIR Severity:	SIR Totals:
Level 1 – High	0
Level 2 (P) – Medium	8
Level 2 (NP) – Medium	0
Level 3 (P) – Low	4
Level 3 (NP) – Low	3
Level 4 – Enhancement	11
Total SIRs Logged:	26

- There were 26 SIRs logged.
 - 15 SIRs were logged as a “defect” during UAT #2. The other SIRS are enhancement requests.
 - 12 SIRs are listed as a Priority

Quotes from the participants:

“The eZ-Audit system is user-friendly and easy to navigate.” – Financial Analyst

“I like it! eZ-Audit is a new Case Management [workflow] tool to track submissions and assignments” – Financial Analyst

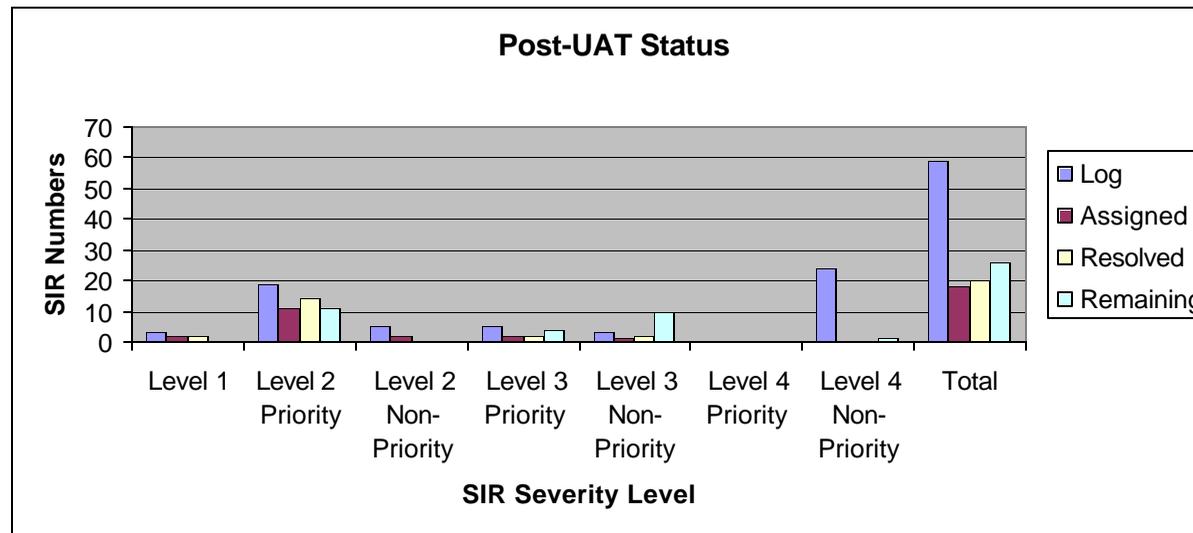


Post-UAT Status (as of March 6, 2003)

These tables show the snapshot of the number of SIRs at the various states between Feb 26 and March 6.

	Post-UAT (2/26 - 3/06)			
	Log	Assigned	Resolved	Remaining
Level 1	3	2	2	0
Level 2 Priority	19	11	14	11
Level 2 Non-Priority	5	2	0	0
Level 3 Priority	5	2	2	4
Level 3 Non-Priority	3	1	2	10
Level 4 Priority	0	0	0	0
Level 4 Non-Priority	24	0	0	1
Total	59	18	20	26

- All level “A” OGC-related SIRs have been fixed (24 entries, 9 level 3P SIRs)
- All level 2 and 3P pre-UAT SIRs have been fixed except one PEPS-related SIR.
- We are committing to resolve 5 UAT SIRs (level 2) before code freeze this week.



OGC SIRs Status (as of March 7th)



- All Priority A's have been completed – 9 SIRs total.
 - These 9 SIRs were consolidated from the original list of 24 modifications.
- Testing of OGC SIRs will be complete by Monday COB.
- New screen shots will be made available for School's User Guide and OMB PRA by Wednesday COB.

Performance Test Results



- Parameters:
 - Annual Submission – 60 concurrent users – unique OPE ID
 - Search – 20 concurrent users – reusable data records
 - Create users – 20 concurrent users
 - Login / Institution home – 70 concurrent users
 - Login /Co-Team home – 20 concurrent users
 - DDIF or ACD – 20 concurrent users – unique data records

- Cycle 1 (Feb 25)
 - Problem: Memory Leak caused by:
 - Java Virtual Machine (JVM) size was not big enough.
 - Session data was stored in the Database as supposed to in Session Persistence
 - Resolution:
 - Increase JVM from 64 MB to 128 MB
 - Store session data in Session Persistence

- Cycle 2 (March 4)
 - Problem: Co-Team Lead Home Page response time was really slow (~50 sec) with 33 concurrent co-team lead users.
 - Resolution: Still under investigation. We are trying to fix it at the code level.
 - Modified the server code to offload some of the work done displaying the page, from the server to the client

Performance Test Assumptions



School Usage Assumptions

1. Submissions using eZ-Audit: 4,500
2. Peak submissions in a given month: 1,000
3. Average working days per month: 20
4. Average hours per day the system is used: 12
5. Average time required to complete a submission: 1 hour
6. Percentage of submissions in the peak month done in a single week: 40%
7. Peak hour of peak week multiplier: 5
8. Pages required for a submission, including login including reviews: 15
9. Average times per year a school will check a submissions status: 5
10. Percentage of schools submitting more than just an annual submission: 25%
11. Average time it takes for other submissions: 30 minutes
12. Average number of users created per school: 5
13. Pages per user creation: 3

FSA Usage Assumptions

1. Number of FSA Users: 300
2. Percentage of FSA users logged in at peak: 45%
3. Percentage of users logged in with active sessions (i.e. not reviewing a print out, in a meeting, or on the phone reviewing information): 15%
4. Average time spent per page: 5 minutes (12 pages per hour)

Production Readiness Timeline



Activities	Original Dates	Modified Dates
✓ UAT 1 (Institution Users)	Feb 18 - 19	Feb 25 - 26
✓ UAT 2 (Case Team Users)	Feb 25 - 27	March 5 - 6
Final Fixes and Regression Testing	March 3 – 14	March 10 – 14
✓ Production Readiness Review (PRR) Dry Run #1	March 3	No change
PEPS Integration System Test	Feb 13 - March 7	March 4 - 21
MicroStrategy version 7i Production Environment Readiness	Feb 23	March 16
Performance Test and Fixes	March 3 – March 14	No change
PRR Dry Run #2	March 10	No change
Obtain Agreement on PEPS/eZ-Audit TPA	March 10	No change
Operation Readiness Review (ORR)	March 11	March 12
Code and Database Migration to Production Environment	March 16	No change
Production Readiness Review (PRR)	March 17	No change
Production Environment Test (with real PEPS data)	March 10 - 17	March 24 - 28
Code Freeze/ Production Data Load	March 17 – March 31	No change
Stabilization Support (Starting April 1 st)	6 - 8 weeks	No change

FSA Required Actions



- What is the status of...?
 - Dear Colleague Letter
 - Outreach effort to School Groups
 - Case Team users and role definitions matrix
- Follow-up regarding proposed Open SIRs at Production
- Data Ownership issue resolution with PEPS
- UAT Session #2 sign-off



Appendix

UAT Session #2 – Case Team users

Upcoming Events & Key Milestone Dates



Activities	Dates
✓ System Test (4 Runs)	
✓ Test Pass 1	January 2 – January 10
✓ Checkpoint #1	January 15
✓ Test Pass 2	January 14 – January 20
✓ Checkpoint #2	January 23
✓ Test Pass 3	January 23 – January 29
✓ Checkpoint #3	February 4
✓ Test Pass 4	February 3 – February 7
✓ Checkpoint #4	February 14
✓ SIR Fixes from System Test	January 2 – February 10
✓ Pre-UAT Regression Test	February 11 – February 25
User Acceptance Test (UAT) – 2 Sessions	
✓ Institution Users	February 26 – February 27
✓ UAT Checkpoint #5a	March 3
✓ Case Team Members	March 5 – March 6
✓ UAT Checkpoint #5b	March 10