

## **Task Order 116 – eZ-Audit**

### **Application Test Results Test Checkpoint #1**

January 15, 2003

# Agenda



- 2003 eZ-Audit Timeline
- Test Checkpoint Objectives
- SIR Resolution Process
- System Test Execution Status – Test Pass #1
  - All SIRs – Cumulative Total
  - All SIRs – Daily Trend
  - Total SIRs
- Test Pass #2 Expectations & Goals
- Upcoming Events



# Test Checkpoint Objectives



- What is a Test Checkpoint ...
  - Definition of testing terminology – the System Investigation Request (SIR)
    - eZ-Audit Processing of a SIR
    - SIR severity levels
  - A status check of System Test progress
    - Passes Completed
    - Outcomes – Completed 73% of all test scripts
  - A report of the results for System Test execution
    - Number of SIRs logged (by Severity)
    - Number of SIRs resolved (by Severity)
    - Status of all Open SIRs (by Priority)

# SIR Severity Definition



- Level 1 (High) – System Failure or Showstopper
- Level 2 (Medium) – Incorrect/incomplete result, but possible workaround exists
- Level 3 (Low) – Any inconsistency or Nice-to-have change with no impact to system functionality
- Level 4 (Enhancement) – New Requirement

# SIR Resolution Process

## TEST TEAM

1. Tester logs SIR and assigns severity level.



2. Test Lead verifies SIR and severity level. Assigns it to the Dev (Fix-it) Team Lead.



3a. If can't reach agreement on severity level, discuss it with PM and Implementation Team Lead during daily Triage meetings.



8. Test Lead confirms resolution and closes SIR.

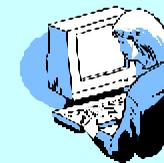
7. Tester retests SIR on the System Test Environment.



## DEV (FIX-IT) TEAM

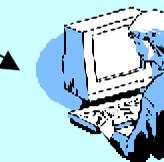
3. Dev (Fix-it) Team Lead agrees on SIR and severity level. Assigns it to a developer.

4. Developer fixes SIR, tests it on the dev and Assembly Test (AT) environments.



6. Developer migrates code to the System Test Environment.

5. Dev (Fix-it) team confirms SIR fixes with the original tester and changes status.



# System Test Execution Status (as of January 13, 2003)



- 192 total SIRs logged for Test Pass #1

SIR Severity:	SIR Totals:
Level 1 – High	48
Level 2 – Medium	82
Level 3 – Low	47
Level 4 - Enhancement	15
Total SIRs Logged:	192

- 88 SIRs resolved in Test Pass #1
  - All Level 1 SIRs resolved (43)
  - 40% Level 2 SIRs resolved (32)
  - 30% Level 3 SIRs resolved (13)
  - Level 4 SIRs as time permits
- System Pass #1 was completed in 6 days; one day earlier than scheduled.
- Not all test script steps were completed in Test Pass #1 due to focus on Level 1 SIRs.

# Charts Overview

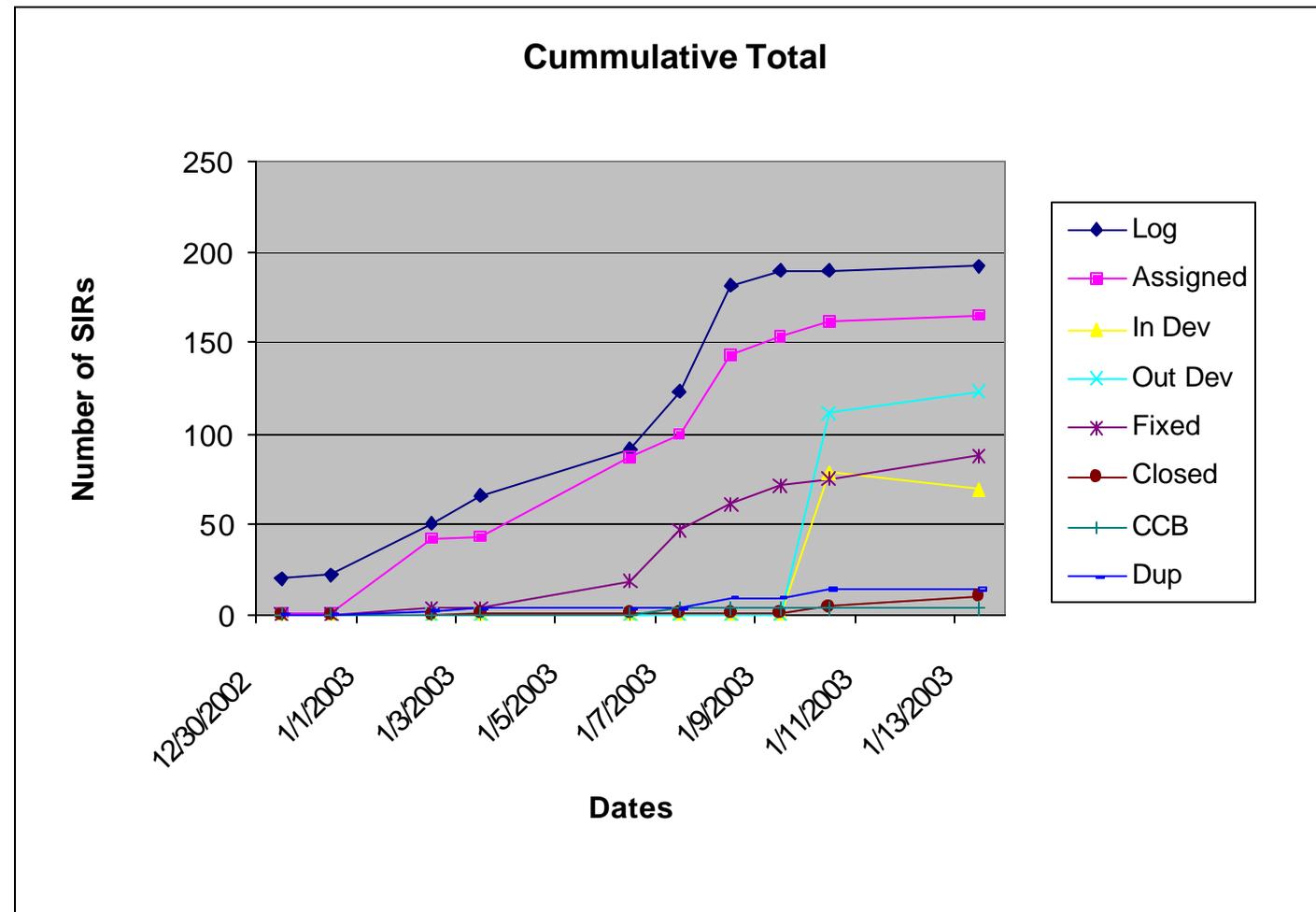


Abbr.	Legend	Owner	Description
Log	Logged	Tester	SIRs found during testing.
Assigned	Assigned to Developers	Dev Lead	SIRs assigned to developers.
In Dev	In Development	Dev	The combination of SIRs assigned to the dev lead, developers and unassigned.
Out Dev	Out of Development	Dev	SIRs that are not the responsibility of the developers anymore, such as: resolved, closed, CCB Review, Duplicate, Reject.
Fixed	Resolved (Ready for Retest)	Dev	SIRs that have been fixed by the developers and ready to be retested by the testers
Closed	Closed	Test Lead	SIRs that are ready to be migrated to the system test environment for retest.
CCB	CCB Review	Test Lead	SIRs that require FSA decision to be resolved.
Dup	Duplicate	Test/Dev Lead	Same SIRs that have been logged in the system.



# All SIRs Daily – Test Pass #1

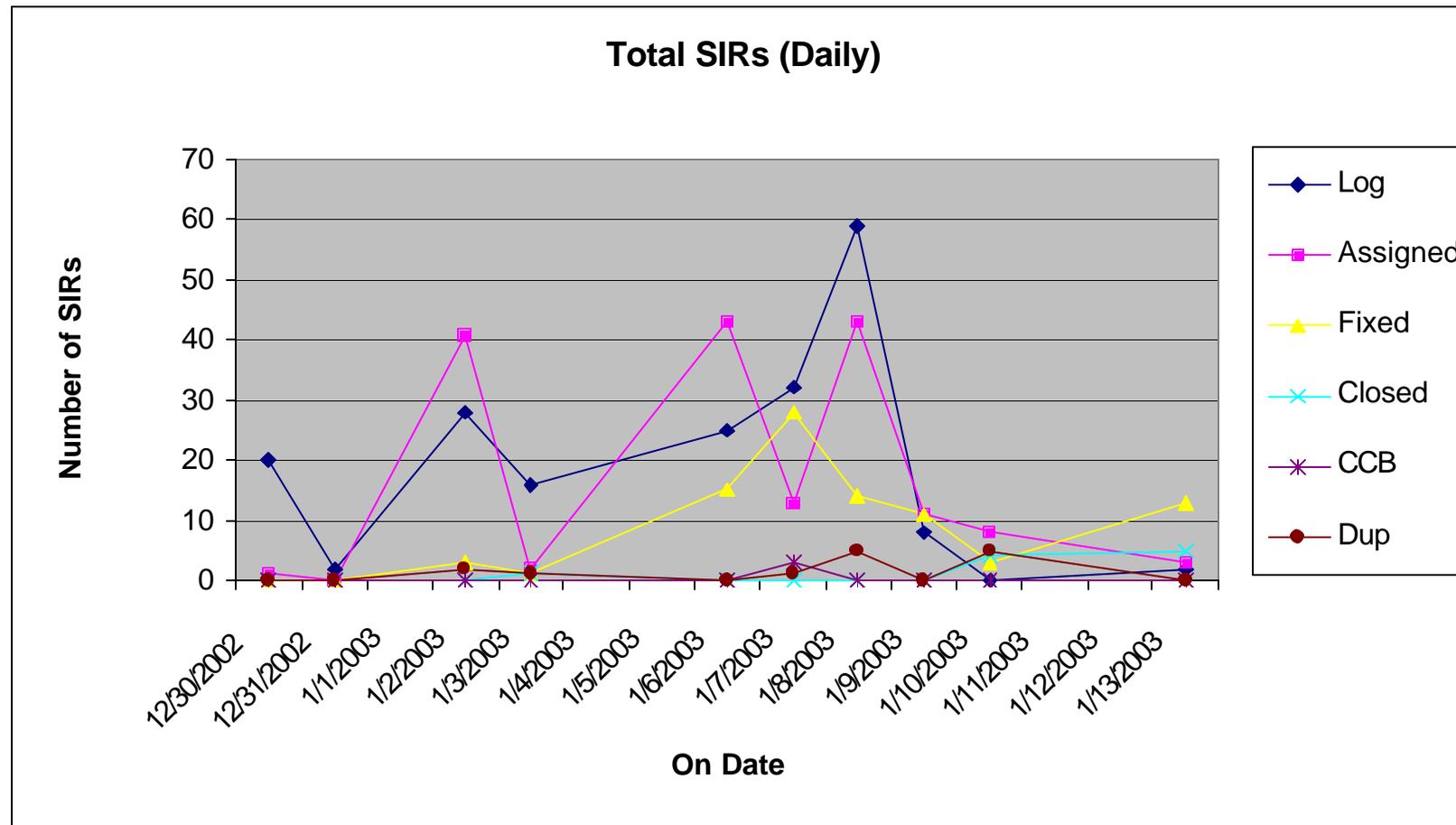
This chart shows the total number of SIRs that arrives to a particular state in the resolution process on any given date.





# Level 1 SIRs Daily – Test Pass #1

This chart shows the Level 1 SIRs that arrives to a particular state in the resolution process on any given date.

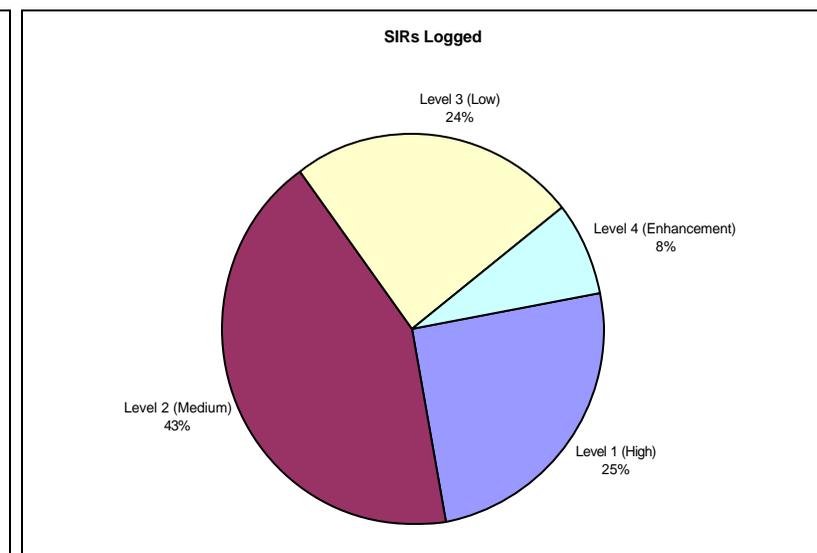
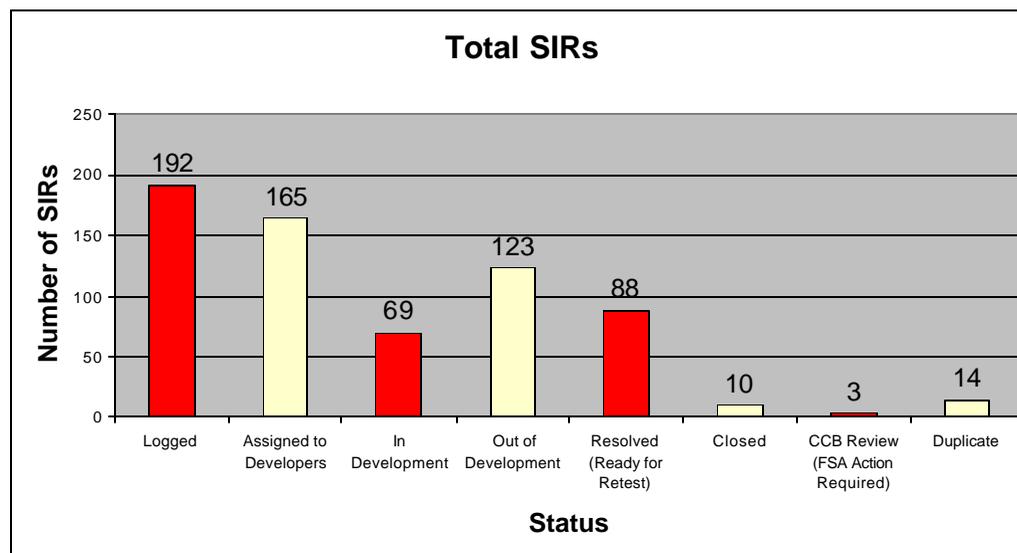




# Total SIRs as of 01/13/03 – Test Pass #1

The table and charts show the Total Number of SIRs that is at a particular state in the resolution process as of January 13, 2003.

	Logged	Assigned to Developers	In Development	Out of Development	Resolved (Ready for Retest)	Closed	CCB Review (FSA Action)	Duplicate
<b>Level 1 (High)</b>	48	48	0	47	43	0	0	4
<b>Level 2 (Medium)</b>	82	70	38	41	32	2	2	7
<b>Level 2p (Medium) - Priority</b>	2	0	2	0	0	0	1	0
<b>Level 3 (Low)</b>	47	42	29	21	13	8	0	3
<b>Level 3 (Low) - Priority</b>	3	1	3	0	0	0	0	0
<b>Level 4 (Enhancement)</b>	15	5	2	14	0	0	1	0
<b>Level 4 (Enhancement) - Priority</b>	1	0	2	0	0	0	0	0
<b>Total</b>	<b>192</b>	<b>165</b>	<b>69</b>	<b>123</b>	<b>88</b>	<b>10</b>	<b>3</b>	<b>14</b>



## System Test Pass #2 – Expectations & Goals



- Exit Criteria met for Test Pass #1 – All Level 1 SIRs (43) were fixed prior to start of Test Pass #2
  
- All test script steps must be executed in Test Pass #2
  - Ownership of resolution of Level 1 SIRs to be managed by testers and developers
  - Possible workarounds will be identified first
  - Decisions will be made to migrate code changes in order to facilitate test script execution (when all else fails)
  - All Level 1 SIRs will be addressed at the daily “stand-up” meeting
  
- Complete Test Pass #2 by COB Monday, January 20<sup>th</sup> (2 days ahead of schedule)

# Upcoming Events



Activities	Dates
System Test (3 Runs)	January 2 – January 31, 2003
Test Checkpoint #2	January 23
Test Checkpoint #3	February 4
SIR Fixes from System Test	January 2 – February 7
Pre-UAT Regression Test	February 10 – February 14
UAT <ul style="list-style-type: none"> <li>▪ Institution Users</li> <li>▪ Case Team Members</li> </ul>	February 17 – February 28 February 18 – February 20 February 25 – February 27
Performance Test and Technical Architecture Tuning	February 17 – March 14
Final Fixes and Post-UAT Regression Test	March 3 – March 14
Production Readiness Review (PRR)	March 17
Training	March 17 – April 11
Code Freeze/ Production Data Load	March 17 – March 31
Stabilization Support - 12 weeks	April 1 – June 20