To: Distribution

From: Stephen Smith, Technical Writer

Thru: Ernestine Bryant, STOrage and RETrieval (STORET), Project Manager (PjM), Solutions Development Center (SDC)

Subject: Minutes of STORET Change Control Board (CCB) Meeting

1.0   Purpose

A CCB Meeting was held on September 8, 2004 at the SDC. The purpose of the meeting was to review and address the status of current project activities, resolve project issues, and ensure that activities are within the scope of the Job Assignment (JA).

2.0   Attendees

Bryant, Ernestine - Project Manager
King, Robert - Job Assignment Manager (JAM)
Manning, Lee
McElhinney, Cary
Norris, Blythe
Smith, Stephen
Szajgin, Tracey
Thadkamalla, Ganesh

3.0   Discussion Topics

The discussion covered the following topics:

- Action Items.
- Report Module.
- Central Warehouse.
- Data Entry Module.

• Central Administration Module.

3.1 Introduction

Attendees opened the meeting with a summary of project activities and a status of open action items. The Software Incident Report (SIR) and User Support logs were reviewed for accuracy. The team discussed report designs, and project's upcoming milestones and deliverables.

SIR Log (Attachment A) and User Support Log (Attachment B) are included as deliverables with these CCB Minutes.

3.2 Report Module

Report Module R2.0.4 will consist of the following.

New Reports:
• Reference Table Chemical Names Report (preformatted/printed)
• Reference Table Chemical Names Report (export)
• Reference Table Chemical Names without Parameter Codes report (preformatted/printed)
• Reference Table Chemical Names without Parameter Codes report (export)
• Reference Table Permitted Values report (preformatted/printed)
• Reference Table Permitted Value Characteristics report (preformatted/printed)

Report Changes:
• EPA Key Identifier on Station Summary (export)
• Suspended Status Indicator on Station Summary (export)

Interface Changes:
• Modified interface to eliminate scroll bars using Windows XP default settings.
• Other changes as required to accommodate the software release.

Documentation:
• Updated STORET Report Module Reference Guide
• Updated STORET Report Module Quick Reference Guide
• Updated STORET Report Module User Guide

Other Software:
• All software associated with previous upgrades R2.0.1, R2.0.2, and R2.0.3.

The Project Team was asked to change the Report Module installation package to suppress or eliminate known constraint violations. The R2.0.4 release will be delivered by October 8, 2004.

Binary Large Object (BLOB) retrieval will not be a part of this release. B. King requested to have a working prototype for the STORET User's Conference. E. Bryant stated that this may not be possible given the time frame, but every effort would be made to accommodate this request.

3.3   Central Warehouse

Decision was made to raise the limit for Results online downloads from 30,000 to 60,000. The Project Team will deliver scripts to perform this update. Development of a batch download process were suspended until further notice.

A new requirement was identified to add Primary and Secondary Station Type Codes, with data type of VARCHAR2, to the Result fact tables.

3.4   Data Entry Module

B. King requested another copy of the Data Module Release that included a fix for Station Type selection.

3.5   Central Administration Module

Native American Land (NAL) data was examined for compliance to the Environmental Data Registry (EDR). STORET maintains tribal lands in the TSMNAL table. The Tribal Identifier data standard does not address identification of tribal lands. Decision was made to not implement this reference table data entry within the maintenance table application.

The North American Industry Classification System (NAICS) structure was examined. The NAICS code is stored as a character field. A field EDR_serial_number is present in the TSMNAICS table to accept any unique identifiers that may be captured by the Environmental Data Registry. The next NAICS update is scheduled for 2007.

L. Manning mentioned that the dump file provided by STORET Taxonomy Update Utility deliverable was successfully merged with B. King's new characteristic data.

The Project Team briefly discussed and demonstrated some of the features of VB.NET to include support for Extensible Markup Language (XML), web services, and online help.

4.0 Action Item Summary

Action items and their status are as follows:

Number	Action Item	Assignment	Date Issued	Status	Date Completed
0001	Research VB.NET capabilities and provide response.	B. Norris	06/02/2004	Closed	09/08/2004
0002	Provide STORET team with copy of Dasler software.	B. King	06/02/2004	Closed	08/25/2004
0003	Provide BEACHES program with STORET architecture information (e.g., Entity Relationship Diagram, data definitions).	J. Wilson	06/28/2004	Closed	07/28/2004
0004	Run ETL software week of July 12th.	J.Wilson	06/28/2004	Closed	07/28/2004
0005	Provide copy of email discussing required changes to implement Uniform Resource Locator (URL) encoding for the Station Home Page.	B. Norris	06/14/2004	Closed	08/06/2004
0006	Send Report Module v2.0.3 deliverable.	S. Smith	07/28/2004	Closed	07/28/2004
0007	Include scripts to remove orphaned rows and nullify type_name column in TSRCHALS for next reference table upgrade.	L. Manning	07/28/2004	Closed	08/23/2004
0008	Investigate ITIS data acquisition and supplementary data processing.	L. Manning	07/28/2004	Open	
0009	Examine Native American Land (NAL) data for compliance to the Environmental Data Registry (EDR).	B. Norris	08/23/2004	Closed	09/08/2004
0010	Review structure of TSMNAICS table to see if it was expanded from its original source.	S. Smith	08/23/2004	Closed	09/08/2004
0011	Send Data Entry Module v2.0.1 deliverable.	S. Smith	09/08/2004	Closed	09/08/2004

5.0   Next Meeting

The next meeting will be held September 22, 2004 at 8:30 a.m.

6.0   Distribution

Name	Email
Bryant, Ernestine	
Christian, Kevin	Christian.Kevin@epamail.epa.gov
King, Robert	King.Robert@epamail.epa.gov
Manning, Lee	Manning.Lee@epamail.epa.gov
McElhinney, Cary	Mcelhinney.Cary@epa.gov
Szajgin, Tracey	
Wilson,Joseph	Wilson.Joe@epa.gov

7.0   Approval of Minutes

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Robert E. King   Date
Job Assignment Manager

ATTACHMENT A

SIRs Since Last CCB

Software Incident Reports Since Last CCB - Period: August 21, 2004 to September 6, 2004			
Release Version	Date Initiated	SIR #	Description
C2.0.4	08 23 2004	1631	Implement automated tracking of Central Warehouse data requests. Specific information to capture and report will be determined.
C2.0.4	08 23 2004	1632	Increase maximum report size. Actual size to be determined. Maximum report size in C2.0.3 measured as 30,000 results.
C2.0.4	08 23 2004	1633	Develop batch report system to process large data requests.
C2.0.4	08 23 2004	1634	Improve Extract, Transform, and Load performance. Specific performance improvements to be determined.

Legend for System Version:

System Letter is concatenated with Version Number. System Letter Key:

C = Central Warehouse, E = Station Home Page, P = Data Entry Module, R = Report Module, T = Central Administration, U = Utilities

ATTACHMENT B

User Support Log

User Support Log - Period: August 21, 2004 to September 6, 2004			
Date Received	**Application**	**Issue**	**Response**
8/24/04	Web Registration Application	User has installed Web Registration Application on Oracle Application Server 10g Forms Services. The application forms are not displaying properly.	Issue is undergoing investigation. Oracle Application Server 10g is being installed and configured on a development platform. Coding changes may be necessary.
8/31/04	Report Module 2.0.3	If I run the reports module I don't see any errors but if another user runs the same module from their desktop they get a "FRM-40735 on error trigger raised unhandled exception ORA-01403". The files that were required to be updated have been placed on the users machine per the instructions given in the upgrade. Are these errors to be expected or did the upgrade not complete successfully?	The ORA-01403 portion is a general no_data_found condition. The FRM-40735 is a when_form_opened condition. I am assuming this message is received in the status bar at the bottom of the RPT1 Main Menu window when the Report Module is first opened. Receiving this message in the status bar probably does not signify anything wrong with the STORET Report Module functionality or the data retrieved in the reports. In our context, these Oracle messages may be interpreted as all requested rows were fetched and no more could be found. The STORET Report Module should be fully functional; let us know if this is not the case. Reasons why the message only happens on some configurations vary. For instance, index problems can invoke this, but the general nature of these Oracle messages can point to many sources.

User Support Log - Period: August 21, 2004 to September 6, 2004			
Date Received	**Application**	**Issue**	**Response**
9/1/04	Report Module 2.0.2 minimum	I can't resolve a discrepancy between the Printed Reports and File Exports. I have biological data and the intent is individual. When I run a file export (Results Biological Small Export) it does not give me the data pertaining to the project as specified in the query selection. When I run the Medium Export, it correctly gives me data plus extra data from another project that was not specified in the query. The Printed Report: this report gives the correct result.	The difference between printed and export reports may be explained by the paragraph below. The biological medium export and printed report seem to be functioning as designed. This export was modeled after the original Result Details export which interrogated Projects against the Station assignment; not against the Activity assignment. This was to ensure the retrieval of pre-v2.0 Result data which did not enforce/require Project to Activity assignment, and to provide consistency with the Report Module interface which displays available Stations based on assigned Projects. A different decision to interrogate Projects against the Activity assignment was made for the "printed" Result Details report. It was recognized during redesign of the exports that interrogating Projects against the Station assignment may retrieve more data than anticipated in the exports (perhaps as seen in the Biological Medium export). The difference between the small and medium biological exports is another matter. The code has been compared. The two reports have been run with various projects parameters. No errors were detected with either examination. We would like to help resolve the problem which may be related to data, but do not have access to the users database. The following information may help: - The Biological Small and Medium exports. - PDF of Result Details report. - PDF of Trip Details report. - PDF of Station Summary report. - Confirm if data was entered via the Data Entry Module or some other mechanism. - Confirm the results in question are Biological Individual (as indicated) and not Biological Result Group Single Taxon Individual.