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From: Ernestine Bryant, STorage and RETrieval (STORET), Technical Project Leader (TPL), SDC/SAIC

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

1.0 Purpose

A CCB Meeting was held on April 16, 2003 at the Systems Development Center (SDC). The purpose of the meeting was to review and address the status of the STORET Project activities, resolve project issues, and ensure that changes are within the Task Order scope and are processed in a visible and traceable manner.

2.0 Attendees

SDC

Ernestine Bryant
Stephen Smith
Blythe Norris
Joseph Wilson
Ganesh Thadkamalla

EPA

Robert King (TOPO)
Lee Manning (ATOPO)
Cary McElhinney

3.0 Discussion Topics

The following sections detail the discussions of the project tasks and associated Software Incident Reports (SIRs).

3.1 Administrative Items

The changes to STORET Central Administration were delivered as an Emergency Release under Task 17.

Enhancements to the Report Module to improve the export capability of results will be determined at the next meeting.

Safe-guard mechanisms was discussed for the reference table upgrade identified as DBFIX012 to prevent use by version 2.0 users. Utilizing the TABLE_VERSION field present in the TSMEISN table was suggested as a possible control mechanism.

The STORET project will no longer use the mainframe COOL:Gen Central Encyclopedia (CE). B. King stated that all existing STORET models currently on the CE are considered obsolete and may be removed. The models to be removed are:

- C STORET BASE MODEL.
- C STORET DEV P1.0 BACKUP2.
- C STORET DEV V03.00D.
- C STORET INTERIM RESULTS.
- C STORET PROD DEV V02.0.
- C STORET PROD DEV V2.0 BKUP 032202.
- C STORET PROD SYS V01.00.
- C STORET PROD SYS V01.10.
- C STORET PROD SYS V01.2.1 NT.
- C STORET PROD SYS V01.20.
- C STORET PROD SYS V02.0B.1.
- C STORET PROD SYS V02.00B.
- C STORET PROTO SYS V04.10.

A status review of all active STORET tasks was made as recorded in the following bullets. Detailed discussions of some tasks are iterated in continuing sections of these CCB Minutes.

- C Task 15 - Connect to Enviromapper: Work has been initiated on this task with the focus turning from connection to the Web Application to the faster performing Central Warehouse.
- C Subtask 16.7 - Central Database Update Software (CDUS) updates to v2.0: The Project Team is currently working with K. Christian, using EPA's version of the CDUS software for updates to version 2.0.
- C Subtask 16.8 - Web Application updates to v2.0: No work is currently planned for updating the Web Application for version 2.0 compliance. This does not include update of the views.
- C Task 23 - Modify and Extend STORET v1.2 Database Views to STORET v2.0: L. Manning stated that the views are being compiled successfully on the STORET v2.0 database. The STORET team mentioned that some of the business rules, data types,

and lengths have changed in STORET v2.0. These data model and functionality changes may impact the current Views.

- C Subtask 19.2 - Development of Re-engineered STORET: The SDC is in the process of creating a version 2.0 database on Oracle 9i.

3.2 Data Entry Module Emergency Release

The STORET Central Administration (beta) application was delivered. B. King will review the application to determine the update priority for the remaining reference tables. He expressed an interest in modeling Estuary next.

L. Manning reported a problem associated with the STORET v2.0 Organization Export routine on his Windows 98 desktop. The STORET v1.1 version of the storexp.bat file was attempting to execute. Upon extensive research, it was determined that the STORET v2.0 shortcut “start in” path was being ignored. Adding “c:\storet\storv20” to the path statement within the autoexec.bat fixes the problem.

L. Manning reported a problem associated with the STORET v2.0 Organization Export routine on B. King’s Windows XP laptop. The replication flag in the TSMSOI table was not set to “N” for each Organization upon completion of the routine. Upon investigation, B. Norris noticed the required setrpflg.sql file had been altered since installation. Once the file was reset, the routine worked fine.

There were several Software Incident Reports (SIRs) under consideration for an emergency release. Although a date has not been set for the next emergency release, the following SIRs were reviewed to determine their disposition regarding allocation to the next emergency release.

SIR #	Description	Disposition
1452	Add lipid weight to the weight basis COOL:Gen permitted values. It was confirmed that the TSRPRMVL table will not be used, and “lipid” will be used instead of “lipidic”. Lipid will be the last value in the drop-down list.	Allocate to P2.0.1
1457	Remove the rounding performed in the Total Number in Group field for Single Taxon Group Summaries and Single Taxon Individuals.	On Hold

1456	Allow system to return to P38 Organization National Laboratory Sample Preparation Procedure Adoption rather than P32 Laboratory Sample Preparation Procedure Maintenance List when pressing Cancel on P37 National Laboratory Sample Preparation Procedure Source Selection List after flowing from P38. Also, make Select disabled when returning from P37.	No disposition made.
1455	Remove mandatory field for identification code in the TSRFQSDP table or replace field with value other than the current single space.	On Hold
1454	Refresh the list box to show associated Laboratories after a "paste after" on R1 Result Maintenance List, R2 Biological Individual/Tissue Reulst Maintenance, and QC1 Sample Result List.	Cancel
1453	Add double-click event to unhighlight a record in the list box on P49 Field Activity Scheme Maint List - Habitat Classification.	Cancel
1451	Change system so that result row remains highlighted on RG11 and RG12 Result Maintenance Lists for Multi-Taxon Population Census after returning from APL1 Result Field/Lab Analytical Procedure Maintenance List, APL2 Result Laboratory Data, or APL6 Lab Sample Preparation Assignment.	Allocated to P2.0.1
1450	Change the Activity Category Help for SV5 under the Topic and Other Help Topics for this Window to read "Activity Category (check box) (SV5)".	Allocate to P2.0.1
1416	Add Well Number and Pipe Number to FA12 Field Activity Actual Location Data Entry and FA13 Trawl/Horizontal Tow Actual Location Data Entry. Hide fields if not Well Head or End of Pipe respectively.	Allocate to P2.0.1
1458	Add ability in batch to trap when 2 or more habitat assessment characteristic groups are being run sequentially in the same activity.	Allocate to P2.0.1

'Total Number in Group values populated from Multi-Taxon Population Census results were being truncated to 3 digits' was determined to only be an issue in version 1.1. The current version 2.0 allows digits up to the ten-millionth place.

3.3 Forms Runtime Upgrade

Work will continue on assembling a Forms Runtime Upgrade package. Several decisions were made regarding this work as follows:

- C Various conditions were discussed regarding the previous assumption that the Reports Module v2.0 would be present on the users machine. The Project Team felt there may be complications such as the ability to uninstall the upgrade or install other Oracle products if the assumption was not true. Additional Oracle components will be added to the installation to curtail potential problems.
- C The bitmaps used for the STORET Report Module installation will be used for this upgrade installation.
- C Installation Instructions with applicable instructions for a custom install will be provided as a Portable Document Format (PDF) on the root of the installation package.
- C All parts of the installation package will be nested under a single subdirectory and delivered in a self extracting zip file.

The text associated with the installation windows needs to be reviewed.

3.4 Central Warehouse

Scripts for adding Lab Remarks to the Central Warehouse database have been delivered.

The Project Team will perform another load of the Central Warehouse database at EPA next week.

To facilitate deployment of the Central Warehouse at Research Triangle Park, the Project Team will provide a "no rows" export of the Central Warehouse database, and a data model diagram.

The design of the Results by Station page (see Attachment A) was reviewed and the following changes made:

- C The text label on the third bullet will be changed from “Search by External Ref Scheme” to “Search by External Reference Scheme Acronym”.
- C The text label “Select Ref Scheme” will be changed to “Select Reference Scheme Acronym”.

The design of the STORET Central Warehouse Home page (see Attachment B) was reviewed. No changes were made.

3.5 STORET version 3.0

Various items were periodically raised regarding Joint Requirements Planning (JRP) preparation and anticipated changes as follows:

- C Karen Klima will be the EPA’s point of contact for the JRP.
- C E. Bryant arrange a facilitator.
- C Validating current requirements/business rules and exploring new requirements, specifically in the trips, sampling, and results areas, will be addressed during scheduled sessions.
- C Batch enhancements to change and delete data will need to be considered.
- C Application of constraints will likely be moved to the database tables.
- C The new screen resolution standard will likely be 1024 by 768.
- C The server model for version 2.0 has been incorporated into the Designer 9i tool.

4.0 Action Item Summary

Number	Description	Date Issued	Status	Assignment	Date Completed
02-0020	Determine order of Station Types.	11/20/2002	Open	B. King	

Number	Description	Date Issued	Status	Assignment	Date Completed
02-0021	Research the possibility of an 8-character Beach ID.	12/12/2002	Closed	B. King	02/27/2003
03-0001	Add Citation IDs to the Data Entry Application v2.0 DEMOTEST.	02/27/2003	Closed	B. King	03/06/2003
03-0002	Send PDF of Server Model to B. King	02/27/2003	Closed	B. Norris	03/06/2003
03-0003	Provide sample batch files containing new functionality to B. King.	02/27/2003	Closed	B. Norris	03/06/2003
03-0004	Verify number of characters in Total Number in Group field on Single Taxon Group Summary Data Entry Window (3 characters?).	03/19/2003	Closed	S. Smith	04/16/2003
03-0005	Load Central Warehouse at EPA.	04/16/2003	Open	J. Wilson	
03-0006	Provide "no rows" export of Central Warehouse.	04/16/2003	Open	J. Wilson	

5.0 Next Meeting

The next meeting was anticipated for the following week but not scheduled.

6.0 Distribution to EPA & SDC Interested Parties

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7.0 Approval of Minutes as Submitted or Revised

 Robert E. King
 Task Order Project Officer

 Date

ATTACHMENT A

Design of Results by Station



U.S. Environmental Protection Agency

STORET

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BETA - Results by Station

Station

Select an Organization and a Search Type, then enter a Search String and click "Search Stations".

ORG ID	ORGANIZATION NAME
21NJDEP1	NJ Department of Environmental Protection

Search Type

- Search by Station ID
- Search by Station Name
- Search by External Ref Scheme

Select Ref Scheme

Search String

Selected Stations

Org ID	Station ID	Ext Ref Acrn	Ext Ref Label	Station Name
1119USBR	AFE101	N/A N/A	SNAKE RIVER @ AMERICAN FALLS OUTLET WRKS	
1119USBR	AND003	N/A N/A	ANDERSON RANCH RES .5 MILES BELOW CURLEW CK	
1119USBR	AND004	N/A N/A	ANDERSON RANCH RES, 100 YD ABV D	
1119USBR	AND101	N/A N/A	SF BOISE R, 500 YD BELOW DAM	
1119USBR	ARR001	N/A N/A	Arrowrock Reservoir 500 feet above dam	
1119USBR	ARR002	N/A N/A	Arrowrock Reservoir at confluence of South Fork Boise	
21NJDEP1	1000000320	SECNUMS 1100	SHREWSBURY RIVER	
21NJDEP1	5092800170	SECNUMS 11006	TOMS RIVER AT BARNEGAT BAY	

Date

Please specify an Activity Start Date range(s)

Date Range 1:	JAN	1	1908	To	APR	16	2003
Date Range 2:	---	--	----	To	---	--	----
Date Range 3:	---	--	----	To	---	--	----
Date Range 4:	---	--	----	To	---	--	----

Characteristic

Use the Characteristic Search to create a list of Characteristics. If no Characteristics are selected, all Characteristics will be searched for.

Characteristic Search	Naming Convention
mercury	STORET DEFAULT
Search	<input checked="" type="checkbox"/> Hide Taxonomic Names
Selected Characteristics	
Mercury	
Clear Selected	Clear All

Continue Clear Form

[Help](#)

ATTACHMENT B

Design of STORET Central Warehouse Home Page



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BETA - STORET Central Warehouse



STORET Result Details Report

- [Results by Geographic Location](#)
- [Results by Station](#)
- [Results by Project](#)

STORET Station Details Report

- [Stations by Geographic Location](#)

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