



**To:** Distribution

**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 December 4, 2002 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  
Blythe Norris  
Stephen Smith  
Joe Wilson

### 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 Web Registration Application is currently running on a Windows 2000 platform (Oracle Application Server 9i, Oracle Form Server 6i).

### 3.2 Central Warehouse

The initial release of the Station Central Warehouse will not include Create Station List functionality. This is to avoid any performance issues that may be created by interfacing with the existing Web Application.

The hydrologic unit code list used by the Station Central Warehouse should be updated before final product delivery.

An updated beta version of the Station Central Warehouse Interface and Database will be delivered December 9, 2002 for deployment on Valley/Canyon. The web pages for this version of the application will be clearly marked as "BETA" in the page title section.

### 3.3 Web Registration Application

Items regarding behavior of the application were reviewed:

- C ALT Key combination commands activated in a read only field or non-enterable list box produce an erroneous information message before performing the requested action. A TAR to Oracle was submitted.
- C Due to limited space on the Chemical and Physical Characteristic Default form, one row of data entry fields visually touches the underlying group box line. Increasing the space would result in a necessity to scroll down slightly to see all the fields on the forms. Leaving the slight overlap was preferred over scrolling.
- C There is a query string limitation of 1999 characters. The need for a user to enter query criteria on a form that collectively exceeded this limit was determined to be extremely remote.
- C Closing Help in an Internet Explorer browser does not return the cursor to the applet, but the surrounding browser.

The attendees walked through the Web Registration Application. The following change was requested with an understanding that some delay in delivery would be incurred.

- C After user performs the Insert Record action, incorporate method of closing a form and dropping all actions, if any, without receiving messages regarding incomplete entry.

The following changes were requested if time and resources allowed without incurring delays in delivery.

- C When in query mode, default wording at bottom of page seems to be missing intended function keys. Because function keys do not currently exist, consider implementing alternate wording.
- C Make status bar display current status (e.g., Enter Query, Insert Record).

- C Wherever there is an "Unassign" button associated with a List of Values (LOV) button, position the unassign button next to, and to the right of, the LOV button.
- C Do not default the latitude/longitude to zero (i.e., 0) on the Station form.

### 3.4 Data Entry Module

An incorrect condition resulting in Biomass being unavailable as a characteristic for Single Taxon Group Summaries had been observed. The solution to the problem requires a data change to all Biomass characteristics in the reference table to ensure each has a Characteristic Type Code equal to "P". This will be done as part of the reference table data changes.

The reference table data is undergoing further changes. The development team was asked to incorporate the updated reference table data in the package for release with version 2.0. The new reference table data is still under development.

Duplicate National Citation rows with the same title name were recently uncovered by the Project Team. A listing of these citations was provided to L. Manning for correction and incorporation in the updated reference table data.

B. King mentioned the urgency of an update to the reference table application, specifically for maintenance of the Characteristic suite of tables. This should take precedence over beginning STORET v3.0.

L. Manning requested a copy of the contents of the TSRMATRX table. This was subsequently provided to him via email.

The packing list for version 2.0 was reviewed. The following represents the packing list with the discussed changes incorporated. The directories of Documents, Batch, DBA, and Acrobat will appear on the root of the Compact Disc (CD) containing the documents as follows:

- C Documents.
  - Data Entry User Guide.
  - Report Module User Guide.
  - Report Module Reference Manual.
  - Data Entry and Report Module Installation Guide.
  - Attribute Definition Report. (updated deliverable 16-2).
  - Data Structure List. (Two versions: updated deliverable 16-2 and L. Manning's modified version with definitions).
  - Entity Relationship Diagram (Two versions: An oversized version users can resize to fit various plotter paper sizes, and a version broken into several pieces that can be printed on 8.5 by 11 paper and taped together.)
- C Batch.

- Examples (flat files).
- C DBA (Content TBD).
- C Acrobat
  - Acrobat Reader v5.1.

All documentation in the packing list will be delivered in Portable Document Format (PDF) only. All documentation will appear on both the Data Entry Module and Report Module CDs.

There will be no additional graphics provided on the CD.

A single jewel case containing the Data Entry and Report Module CDs was the preferred package.

The back and front cover of the CD case was reviewed and updated. The updates are incorporated in Attachment A. Required software sizes need to be confirmed by the Project Team. Final approval of the back and front cover with these updates is still required. The CD graphic was reviewed and approved, and can also be seen in Attachment A. It was understood that the CD graphic for the Report Module would be the same as the Data Entry Module with Report Module as the title.

B. King and L. Manning will perform a full system test of the installation of the Data Entry application and Report Module on December 17 and 18, 2002. Test machines with Windows 98 2<sup>nd</sup> Edition, Windows 2000, and Windows XP Professional Edition operating systems will be prepared by the development team. First-time installations and upgrades should be covered during this system test.

The Project Team will test the Data Entry Module and Report Module with Oracle 9i.

#### 4.0 Action Item Summary

Number	Description	Date Issued	Status	Assignment	Date Completed
02-0001	Provide synopsis of Reporting Capabilities of the CSE.	01/24/2002	Closed	SDC Staff	02/27/2002
02-0002	Investigate abend when deleting characteristic from MTPC/STI area.	01/24/2002	Closed	B. Norris	09/26/2002

Number	Description	Date Issued	Status	Assignment	Date Completed
02-0003	Reproduce problem with SIR 1087; Char. Group Complete indicator not changing to No when Field/Lab Anal. Procedures are unassigned.	01/24/2002	Closed	B. King	02/27/2002
02-0004	Send summary of Habitat Class Scheme Characteristic rules.	01/24/2002	Closed	B. Norris	01/24/2002
02-0005	Send Characteristic Duplicate Checking Business Rules.	02/05/2002	Closed	B. Norris	02/27/2002
02-0006	Send MTPC and related Biological Result Group Business Rules.	02/05/2002	Closed	B. Norris	02/27/2002
02-0007	Parent/Child Assignment Business Rules for Sample-from-Sample and Composite Sample Activities.	02/05/2002	Closed	B. Norris	02/27/2002
02-0008	Provide synopsis of current COOL:Gen 6.0 null support.	02/27/2002	Closed	B. Norris	04/16/2002
02-0009	Send foreign key list mapping "OIS" and "IIS" Numbers/Org IDs to logical relationships.	02/27/2002	Closed	B. Norris	04/16/2002
02-0010	Create list of Oracle database parameters to set during installation.	03/13/2002	Closed	EPA STORET	10/21/2002
02-0011	Send Inventory Summary SQL.	03/13/2002	Closed	S. Smith	04/16/2002
02-0012	Send BLOB performance statistics.	03/25/2002	Closed	B. Norris	04/16/2002
02-0013	Create bitmap for STORET Main Menu.	05/22/2002	Closed	SDC	07/18/2002
02-0014	Send TSMBLOB table structure.	05/30/2002	Closed	B. Norris	06/05/2002
02-0015	Provide answer to: Can data files and table spaces be "portable"?	06/20/2002	Closed	G. Thadkamalla	10/31/2002
02-0016	Provide the full taxonomic characteristics data to B. King.	07/18/2002	Closed	G. Thadkamalla	09/26/2002
02-0017	Send HTML banner page from the X2.0B release to L. Manning.	09/18/2002	Closed	B. Norris	09/20/2002
02-0018	Send the Designer/Developer versions used to create the Web Registration application to B. King.	09/18/2002	Closed	B. Norris	09/20/2002

Number	Description	Date Issued	Status	Assignment	Date Completed
02-0019	Inquire about CAS Numbers for STORET chemicals.	11/07/2002	Closed	E. Bryant	11/20/2002

## 5.0 Next Meeting

The next meeting was scheduled for December 17, 2002.

## 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

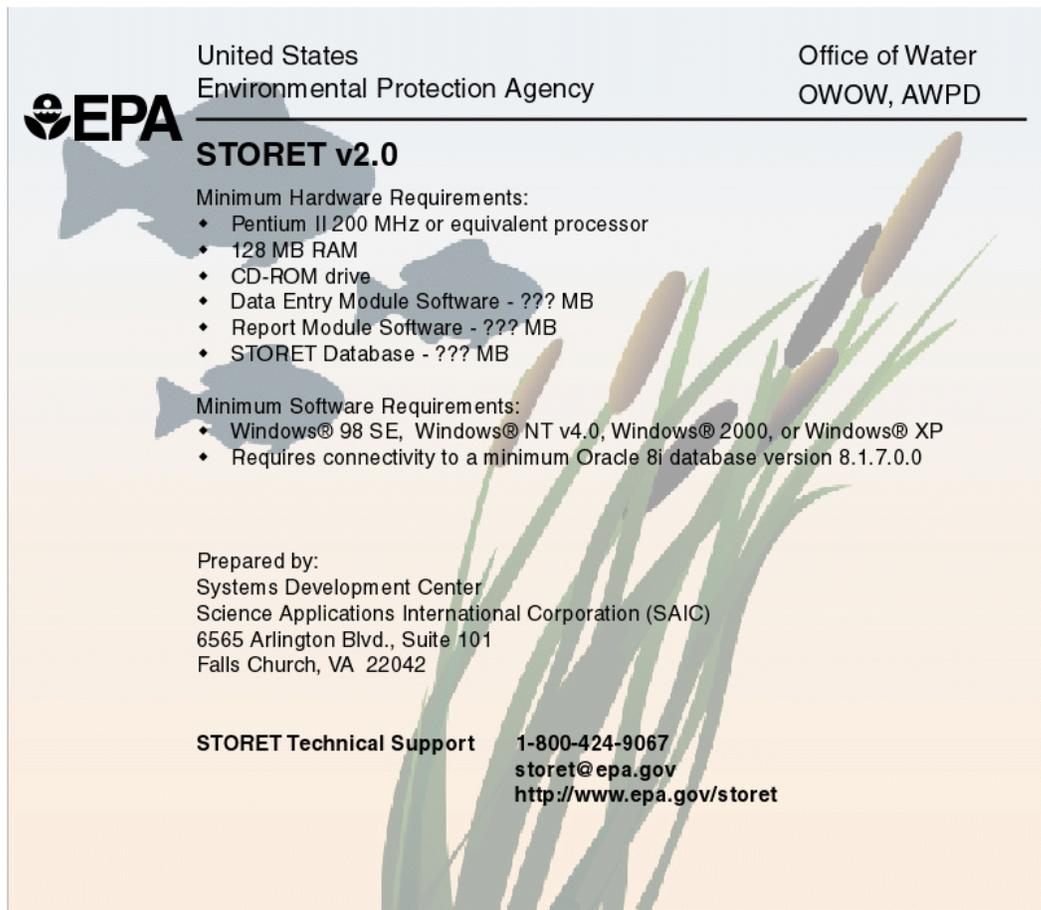


**ATTACHMENT A**

Back Cover, Front Cover, and CD Graphic



Back Cover



**EPA**

United States  
Environmental Protection Agency

Office of Water  
OWOW, AWPD

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**STORET v2.0**

Minimum Hardware Requirements:

- Pentium II 200 MHz or equivalent processor
- 128 MB RAM
- CD-ROM drive
- Data Entry Module Software - ??? MB
- Report Module Software - ??? MB
- STORET Database - ??? MB

Minimum Software Requirements:

- Windows® 98 SE, Windows® NT v4.0, Windows® 2000, or Windows® XP
- Requires connectivity to a minimum Oracle 8i database version 8.1.7.0.0

Prepared by:  
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STORET v2.0

STORET v2.0

Front Cover



CD Graphic

