



**From:** Ernestine Bryant, STOrage and RETrieval (STORET), Technical Project Leader (TPL), Systems Development Center (SDC)/Science Applications International Corporation (SAIC)

**Subject:** Minutes of STORET Technical Meeting

## 1.0 Purpose

A meeting was held on February 11, 2004 at the SDC. The purpose of the meeting was to review and address the status of the STORET Project activities and resolve project issues.

## 2.0 Attendees

### SDC

Ernestine Bryant  
Stephen Smith  
Blythe Norris  
Ganesh Thadkamalla  
Joseph Wilson

### EPA

Robert King, Task Order Project Officer (TOPO)  
Lee Manning, Alternate TOPO (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 Central Warehouse

The C2.0.2 release of the Central Warehouse will be delivered on or before February 13, 2004.

Stations having only User Defined Habitat Assessment Results are not currently flagged as having been visited in the Central Warehouse. These stations are also not currently visible through the Window to My Environment (WME) application. An SIR will be created and design options researched to determine if these Stations could be included without affecting overall warehouse functionality.

The “Compress this file now” button will be changed to a hypertext link on both the Station and Result Report Download pages.

The STORET development team will produce a report summarizing the performance of the Central Warehouse.

### 3.2 Unit Conversion

The following decisions were made regarding the establishment of conversion factors for STORET units of measure:

- C Horsepower (i.e., short\_form\_name “hp”) will be interpreted as electric horsepower.
- C The unit 0/00 will be interpreted as parts per thousand, and the description\_text changed from “per mille” to “parts per thousand”. An email will be sent to L. Manning regarding the description change.
- C The following units will be unique in that they will not be converted to any other unit:
  - Odor Threshold Number.
  - Units per centimeter, for UV absorbance.
  - Percent by volume.
  - Percent by weight.
  - Percent.
  - Practical Salinity Scale.
  - American Dye Manufacturers Institute Color Value.
  - Photosynth. radiation, micro-Einsteins/sq.meter/sec.
  - Light Intensity, Jackson Candle Units.
  - Turbidity, Jackson Turbidity Units.
  - Turbidity, Nephelometric Turbidity Units.
  - Turbidity, Formazin Turbidity Units.
  - Light Intensity, foot candles.
- C The target unit for lumens, lumens per square foot, and foot candles per square foot will be lumens.
- C The target unit for seconds, minutes, and degrees will be degrees.
- C The target unit for parts per thousand, parts per million, and parts per billion will be parts per million.

### 3.3 STORET Preference and Default Replication

There is no need to perform an automated lock of the target database when executing the replication process. An informational message stating that all STORET database updates should be suspended during the operation will suffice.

### 3.4 STORET Data Entry Module

The system will be altered to select the highlighted Station Type in the ST4A Station Type Selection List window. A software release was initiated to incorporate the change. Providing a script to users which would aid in resolving existing Station to Station Type assignments was discussed, but not included as a requirement.

### 3.5 STORET Station Home Page

L. Manning would like the STORET Station Home Page updated with the addition of date ranges on the histogram as soon as possible without delaying the delivery of the STORET Preference and Default Replication. In preparation for design discussions on this enhancement, L. Manning will provide a layout of a proposed histogram with date ranges.

## 4.0 Action Item Summary

| Number  | Description   | Date Issued | Status | Assignment     | Date Completed |
|---------|---|-------------|--------|----------------|----------------|
| 04-0001 | Establish proposed schedule of deliverables not to exceed November 28, 2003.            | 10/09/2003  | Closed | E. Bryant      | 10/29/2003     |
| 04-0002 | Provide Unit of Measure count Structured Query Language to L.Manning                    | 01/08/2004  | Closed | S. Smith       | 01/12/2004     |
| 04-0003 | Provide TSRUOM description_text corrections to L. Manning                               | 01/08/2004  | Closed | S. Smith       | 01/12/2004     |
| 04-0004 | Determine supported Windows operating systems for Oracle 9i Release 2 Personal Edition. | 01/08/2004  | Closed | G. Thadkamalla | 01/23/2004     |
| 04-0005 | Provide TSRUOM description_text corrections to L. Manning                               | 01/21/2004  | Closed | S. Smith       | 01/28/2004     |
| 04-0006 | Inquire as to status of WSSERVER.JAR fix at RTP   | 01/21/2004  | Open   | L. Manning     |                |

| Number  | Description   | Date Issued | Status | Assignment | Date Completed |
|---------|---|-------------|--------|------------|----------------|
| 04-0007 | Provide TSRUOM description_text corrections to L. Manning | 02/11/2004  | Open   | S. Smith   |                |
| 04-0008 | Provide histogram data range layout.                      | 02/22/2004  | Open   | L. Manning |                |

## 5.0 Next Meeting

The next meeting was not scheduled.