



**To:** Distribution

**From:** Chimwemwe Munthali, 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 May 12, 2004 at the SDC. The purpose of the meeting was to initiate work, establish priorities, resolve project issues, review and address the status of current project activities, and ensure that activities are within the scope of the Job Assignment (JA).

## 2.0 Attendees

Bryant, Ernestine - Project Manager  
Christian, Kevin  
Hickling, Donna  
King, Robert - Job Assignment Manager (JAM)  
Manning, Lee  
McElhinney, Cary  
Munthali, Chimwemwe  
Norris, Blythe  
Smith, Stephen  
Szajgin, Tracey - Program Manager  
Thadkamalla, Ganesh  
Wilson, Joseph

### **3.0 Discussion Topics**

The discussion covered the following topics:

- Introduction.
- Software Incident Reports (SIRs).
- Task Review.
- Priorities and Action Items.
- Next Step.

### **3.1 Introduction**

The attendees provided a brief introduction of themselves and their role on the STORET project. Common acronyms in use on the project were identified and defined for understanding. CCB meetings will be tentatively held the first Wednesday of every month. The STORET CCB meetings will be scheduled to coincide with Watershed Assessment, Tracking & Environmental Results (WATERS) meetings.

### **3.2 SIR Review**

Opened SIRs were reviewed for disposition by the Job Assignment Manager (JAM). The decisions fell into the following categories:

- SIRs to be canceled.
- SIRs to be left on the record for future consideration.
- SIRs to be considered for allocation when/if another release is scheduled.
- SIRs to be considered for allocation in the event of a system re-engineering effort.

The following new SIRs were generated:

- Make the Address and Delete button hot keys unique on window P21 Laboratory Maintenance List (Data Entry Module).
- Change references of Field Procedure to Sample Collection Creation Procedure (Data Entry Module).
- Update model to reflect new standard time zones (Data Entry Module).
- Add the EPA Key Identifier to one or more file exports (Report Module).

- Reduce window canvas size so that Windows XP default settings do not activate scroll bars (Report Module).

The process of incorporating modifications to the Central Database Update Software (CDUS) was discussed. A robust configuration management plan needs to be established for incorporating modifications to CDUS. This will be discussed more in future meetings. The reviewed SIRs and associated decisions may be seen in Appendix A.

### **3.3 STORET Central Administration**

The Project Team will begin work to update the Reference Tables. An impact assessment will be made to determine whether a maintenance area will be updated using COOL:Gen or created anew using some other development tool.

The following maintenance areas were chosen for the impact assessment:

- TSRBIOPT - Bio Part.
- TSMESTRY - Estuary.
- TSMNAL - Native American Land.
- TSRLSPP - Lab Sample Preparation Procedure.
- TSMUOM - Unit of Measure.
- TSMVSTC - Valid Station Type.

The following maintenance areas have not been developed, and will be created using Visual Basic or some other development tool proposed by the development team:

- TSRMATRX - Sample Matrix.
- TSMMAAD - Method and Datum.
- TSMNAICS - North American Industry Classification System.

### **3.4 Central Warehouse**

Tasks associated with the Central Warehouse were reviewed at a high level. The Project Team will begin work on implementing unit conversion and researching Extract, Transform, and Load (ETL) options for performance improvement. Standard Unit Results will be displayed with the user recorded values in the downloads.

The findings on the preliminary research for converting geographic Datums were discussed. There seemed to be a difference between the values received via the Oracle spatial conversion and the conversion produced by the North American Datum Conversion (NADCON) utility recognized as the federal standard. The SDC staff was directed to continue their research on the

subject and investigate resolutions implemented by other authorities.

The need to develop alternative approaches to the ETL process was discussed. Future meetings will explore the alternatives in greater detail and will include an examination of the entire data centralization process.

### **3.5 Report Module**

There was interest in providing users with a method to extract the Binary Large Objects (BLOBs) stored in the STORET database via the Report Module. How to achieve this implementation will be discussed more in the future.

### **4.0 Action Item Summary**

There are no action items.

### **5.0 Next Meeting**

The next meeting will be at 8:30 am, June 2, 2004 at the SDC.

### **6.0 Distribution**

Name	Email
Bryant, Ernestine	
Christian, Kevin	Christian.Kevin@epamail.epa.gov
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McElhinney, Cary	Mcelhinney.Cary@epa.gov
Szajgin, Tracey	

## 7.0 Approval of Minutes

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Robert E. King  
Job Assignment Manager

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Date

## **ATTACHMENT A**

Reviewed SIRs



Subsystem	SIR #	Description	Comments	Resolution
Data Entry	0450	When a user selects either a Canadian province or Mexican state based on lat/long for a station, there are no values displayed in the Native American Land, FIPS Hydrologic Unit, RF1, RF3, or NRCS Watershed windows. Suggest that some disabling take place that would take the user out of the Geographic Area menu once they complete State/Country/Province function IF AND ONLY IF a non-US Lat/Long is created.		P3.0
Data Entry	0524	Change code and model so that parent of a composite sample can be reused for another composite sample. See SIR 503. This will also require: 1. Changing the data model Field Activity involuted relative. to a many-to-many - new associative entity, etc. 2. Development of a conversion/installation program to upgrade users databases. 3. Affects online application, batch code, and reports.		P3.0
Data Entry	0545	"Input must match this pattern mm-dd-yyyy" is the incorrect error message when related to leap year date. This error message should not come up for leap year date. This is a global problem on all date fields across the application . This is a CASE TOOL generated error. Sterling Software was contacted about this SIR (issue #10272496). Sterling previously assigned issue #10074466 to cover the enhancement request.	Defect	P3.0
Data Entry	0569	All instances of "error_rb with ROLLBACK" exit state that give a general "internal system error has occurred" message should be replaced with more specific errors like "field activity creation failed."  11/09/1999 - Exit state references will be changed on a case-by-case basis. B. Norris		P2.0.3
Data Entry	0570	PJ14: Add search criteria. Use ST1 or PJ11 as an example.		P2.0.3
Data Entry	0587	Implement batch processing for Trip QC Sample Results.  See SIR# 577 for write-up.		Cancel
Data Entry	0665	All fields on delete confirmations should be displayed in mixed case where appropriate.  Affected areas: P32A.	Design Change	P2.0.3
Data Entry	0666	Delete confirmations should not include any "header" information.  Remove from the following: O13A, O13B, O5A, O18A, ST8A, ST8B, PI1A.	Design Change	P2.0.3
Data Entry	0668	Delete confirmation Cancel should return user to list with no row highlighted (except for Result lists).  Affected areas: PT1, WL8, PI1A, APL4, FS1, and RG4.	Defect	P2.0.3
Data Entry	0669	All confirmation and message dialog boxes should be 606 width and 162 height. Height may be larger depending upon content.  Affected areas: ST1A, ST1B, PI1A, WL1A, WL6, WL8, LO3A, O8A, P32A, P12A, P14A, P15A, P21A, P41A, QC1C.	Defect	P2.0.3



Subsystem	SIR #	Description	Comments	Resolution
Data Entry	0670	All windows and primary dialog boxes should be 640 width and 450 height.  Affected areas: P19, P16A, ADL3.	Defect	P2.0.3
Data Entry	0681	R4 and R8: Hide the following fields when entering result data from an automated data logger. R4 - Duration, Weight, Temperature, # of Replicate Analysis, +/- Precision, Confidence Level. R8 - Duration, Weight, Temperature, Particle Size Basis, From, To, # of Replicate Analysis, +/- Precision, Confidence Level.		Cancel
Data Entry	0684	ST10 - Opening Data Entry: Prefix should be renamed since this is not part of Station. Make a new prefix standard (I.e., OPN) and rename this window to OPN1. Update standards document.	Design Change	P2.0.3
Data Entry	0685	Update Help for changes made to window title from ST10 to OPN1.	Design Change	P2.0.3
Data Entry	0699	Add the ability to quickly change a large group of results value_status field from "P" to "F". May do this within a script file or online within the System Admin module.  Online - Affects both T17 Trip Activity Summary and SV5 Station Visit Activity Summary lists. Add a Result Status group box with 2 buttons ("Set Preliminary" and "Set Final"). List box needs to be multi-select. If more than one row is selected, then disable Add, Change, and Delete buttons. If one or more rows are selected, then enable the two new buttons. Give a warning pop-up to confirm changing all Result rows for selected Activities to Final or Preliminary with a choice of Yes or No.  See SIR 824 for same change in batch.		P3.0
Data Entry	0700	Disable the Add button on RT24 Nat Program Maintenance List. National Programs should not be available for addition (at a minimum) in the main application. May need to move this entire functionality to the central admin/reference tables module.	Design Change	P3.0
Data Entry	0728	Global: Ensure that pull down list boxes show all values without use of scroll bar when possible.  10/22/1999 - Some windows where this is occurring: O4 Type, FA2 Community, FA22 Community, WL3 Casing, PU2 Type, LO2 Type, P35 Units, P18 Sample Fraction, R5 Statistic Type, and RG19 Weight Basis. B. Norris	Defect	P3.0
Data Entry	0730	Prev/Next Standards, Global for Client Application: Use analysis performed under SIR 559 as the basis for standardizing Prev/Next across all existing windows. (Note: This SIR must be performed after all Prev/Next additions and changes. Changes to view sizes on existing windows and the addition of additional Prev/Next windows for P2.0 will alter slightly the SIR 559 analysis; otherwise, all SIR 559 findings apply.) SIR 871 performs this work on Central Administration.	Design Change	P

Subsystem	SIR #	Description	Comments	Resolution
Data Entry	0749	Prev/Next, QC13 - QC Sample Person Assignment: Set both group view sizes to 2000 and add Prev/Next buttons to the top group view in the above window. See Impacts SIR 572 for more 10/08/1999 meeting information. Developer Note: Get "Where Used" report on "Read" statement to help determine impact of this SIR change.		P
Data Entry	0750	Prev/Next, QC10 - Sample QC to Activity Assignment List: Set group view size to 2000 and add Prev/Next buttons in the above window. See Impacts SIR 572 for more 10/08/1999 meeting information. Developer Note: Get "Where Used" report on "Read" statement to help determine impact of this SIR change.		P
Data Entry	0754	Prev/Next, FA8 - Field Sampling Procedure Selection List: Set group view size to 2000 and add Prev/Next buttons in the above window. See Impacts SIR 572 for more 10/08/1999 meeting information. Developer Note: Get "Where Used" report on "Read" statement to help determine impact of this SIR change.		P
Data Entry	0755	Prev/Next, FA11 - Sample Transport and Storage Defaults Selection List: Set group view size to 2000 and add Prev/Next buttons in the above window. See Impacts SIR 572 for more 10/08/1999 meeting information. Developer Note: Get "Where Used" report on "Read" statement to help determine impact of this SIR change.		P
Data Entry	0761	Prev/Next, QC11 - Sample QC to Activity Assignment: Set both group view sizes to 2000 and add Prev/Next buttons to the bottom group view in the above window. See Impacts SIR 572 for more 10/08/1999 meeting information. Developer Note: Get "Where Used" report on "Read" statement to help determine impact of this SIR change.		P
Data Entry	0771	STORET Bitmap: Allow user to be able to change the STORET logo (I.e., droplet) and EPA logo in window title icons. Use Cool:Gen "Dot Notation" logic.		Cancel
Data Entry	0823	Batch Update: Create ability for user to delete Visits or Activities and all hierarchially associated records below the Visit or Activity.  06/20/2000 - See Impact Assessment.		Cancel
Data Entry	0824	Batch Update: Create ability to change the Result Value Status from Preliminary to Final (or vice versa). This applies to all result types (Trip results AND Auto Data Logger results). Be able to change a given Activity's Results to Final with "Activity ID,ID_Num,*Final" row and to Preliminary with "Activity ID,ID_Num,*Preliminary" row. Still enforce the rule of not being able to repeat an activity more than once in a given file.  07/21/2000 - See Impact Assessment.		Cancel

Subsystem	SIR #	Description	Comments	Resolution
Data Entry	0882	<p>UOM and Statistic Type: Remove Most Probable Number (MPN) from the Unit of Measure table. Add MPN to the statistic Type field on all applicable windows. Note: Some fields may have MPN listed as a permitted value that needs to be activated. However, the Stored and Displayed values must still be examined for consistency; known case variations exist.</p> <p>11/06/2000: Add MPN to Statistic Type attribute in Result and Char Default and add to associated drop down lists. Changing existing data requires additional discussion (I.e., populate old MPN UOM hooks with "Count" row?).</p> <p>Extention to this SIR: Ensure "pctl" PVs currently in model (I.e., 5 pctl, 10 pctl, etc.) are included in the same drop down lists.</p> <p>02/05/2001 - The MPN permitted value already exists for both Char Default and Result. P18 and P19 Char Default and R4 Chemical Result Data Entry windows already include MPN in the drop down list. It looks like MPN needs to be added to just R8 Physical Result Data Entry. B. Norris</p> <p>Be sure all drop downs are listed in the same order for consistency.</p>	Design Change	Cancel
Data Entry	0885	<p>Global - Lists without Prev/Next: Create error message trap for lists/views without Prev/Next that get populated beyond the max view/row standard. This is to prevent user receiving abends, or non-STORET error messages.</p> <p>07/26/2001 - Clarified. Prevent abend, but allow user to make more assignments/entries than view size can support. This will cause the additional values to be unviewable and therefore, unusable.</p>		P2.0.3
Data Entry	0907	<p>Global Analytical and Laboratory Preparation Procedures: Don't remove analytical procedures from the list of available choices after the analytical procedure have be selected. P8 is an example.</p>	Design Change	Cancel

Subsystem	SIR #	Description	Comments	Resolution
Data Entry	0981	<p>COOL:Gen Bug: The data in the field that is the default for cursor placement upon opening a window is being highlighted. This could cause unintentional erasure of data.</p> <p>08/10/2000 CCB - Move default cursor placement to be on the Cancel button globally for all data entry windows in system.</p> <p>08/31/2000 - Computer Associates ticket #10528037 was opened previously to determine if this is a new feature or a bug. Was called today. It is a new feature which was introduced in Cool:Gen 5.0. B. Norris</p> <p>09/18/2001 - Pursued this issue further with CA and received information that allowed us to develop a workaround. Found that the window must be displayed BEFORE any code can be used to remove the highlight from a field. Therefore, adding any such code to the WinOpen event will not work. The following steps outline the workaround:</p> <ul style="list-style-type: none"> <li>- Add a GainFocus event to the first field on the window.</li> <li>- Add an import/export ief_supplied flag to the views.</li> <li>- In the GainFocus event, evaluate the flag on whether it is the first time in the event.</li> <li>- Include code similar to the following in the GainFocus event: INVOKE window_name.field_name.SetSelection(0,0)</li> </ul> <p>This workaround will allow the cursor to be placed in the initial field when the window opens without the data in the field being highlighted. -T. Yslas</p>	Defect	P3.0
Data Entry	1024	<p>P35 Sample Transport and Storage Defaults Data Entry, P39 - QC Smpl Creation Trnsprt and Strge Default Data Entry: Need to add another mandatory field such as Container Type. Script may be necessary to add or change existing user container type values.</p> <p>07/26/2001 - Make the same fields mandatory as in the results area.</p>		Cancel
Data Entry	1036	<p>WL3 Well Data Entry - The following attributes of Well are not used in the application: Well Head Protection Area Name, Well Head Height Measure, Well Head Height Unit Code. Add Well Head Protection Area Name on window.</p>		P3.0

Subsystem	SIR #	Description	Comments	Resolution
Data Entry	1039	P47 Label Data Entry: Be able to share External Reference Scheme (ERS)/Label combinations across multiple Stations. Currently a given ERS/Label combination can only be defined for one Station. The user should be able to select from a complete list of ERS/Label combinations defined for all Stations within the Organization and assign one or more to the current Station. The existing ability to create a new unique combination should also remain intact.  Approved Implementation Option: Pick from existing label codes used by any other Station. "Relax" duplication rule that requires a Label Code to be unique. There is a Label IS_Number as well as foreign key columns for Station and ERS, so we can ensure the IS_Number is still unique. Allow the Label Code and ERS foreign key to be the same. The Station foreign keys must be different.		Cancel
Data Entry	1049	Detection Condition descriptions in the database (TSRRRESULT, detect_cond_cd) do not match the wording on-screen (R4). Change either screen or stored values. B. King and L. Manning will decide.	Design Change	Cancel
Data Entry	1051	BU2 - Batch Update for Detection Quantification Limits (DQL): Add the following fields: Lab Batch ID, Lab Certification, Minimum Quantification Limit, Maximum Quantification Limit, Minimum Detection Limit, Result Limits Unit of Measure, and Result Limits Description Text.		Cancel
Data Entry	1052	Operational Details - Determine mechanism to store operational details pertaining to Benthic Core samples. Would this be a sample from sample or is a new operational details table required? We currently have 3 separate tables to store electroshock details, trap/net details, and trawl details. May need to consider using one operational details table.	Design Change	P3.0
Data Entry	1069	R8 - Physical Result Data Entry: Add all data entry fields (entire box) associated with Detection Condition Quantification as appears for Chemical Result data entry.		P3.0
Data Entry	1070	BU2 Batch Trip Monitoring - Add an edit check to disallow result comments for a TEXT result; this is not allowed in the online application.	Defect	Cancel
Data Entry	1072	BU2 Batch Trip Monitoring - Add edit checks to check for validity of Subject Taxon, Biopart, Intent, and Community headers against ALL medium types. Currently, a soil sample can have all four without error. This is resulting in invalid data.	Defect	Cancel
Data Entry	1086	Batch: User wants to run two or more batch files simultaneously. Right now, simultaneously starting two batch files, of 3 hours each, running on two different machines, takes a total of 6 hours (i.e., Batch A runs, then Batch B runs). Provide simultaneous, or similar functionality.		Cancel
Data Entry	1088	APL2 - Result Laboratory Data Entry: Add Sample Preparation Date, Time, and Time zone to the Analysis Date and Time area.		P3.0
Data Entry	1089	Retention Time: Capture retention times of tentatively identified compounds during gas chromatography.		P3.0

Subsystem	SIR #	Description	Comments	Resolution
Data Entry	1094	Relax restrictions on Trip, Visit and Activities dates so that one time period need not fall within a subsequent time period. This SIR will UNDO SIR 0535. Rules to be defined by B. King and L. Manning. Note: User request, James Adkins, received 04/23/2001, asked to include Laboratory Analysis Date to the date checking to disallow dates greater than the Activity Date See SIR 1115.  07/26/2001 - The change in rules is to allow Activity Start Date to be any date regardless of Trip or Visit Dates.	Design Change	P3.0
Data Entry	1099	Batch: Create the ability to add "photo" Results and Station Visits via batch. See related SIR 0698 and 1091 for on-line enhancement performed.  07/26/2001 - Scope increased to include Station Visits due to assignment of 1091.		Cancel
Data Entry	1100	TSMGNTXT, Global: Generic table data into the appropriate "source" table.	Design Change	P3.0
Data Entry	1104	R1, R2, and QC1 Result Maintenance Lists: For Physical results with a Result Class Interval "Particle Size Basis", the associated units of "None" should always go with the Result Class Interval.  Two problems: 1. From R8 Physical Result Data Entry, edit a row that has a Particle Size Basis (PSB). Blank out the PSB. This is not removing the occurrence of TSRRCI for this Result. The PSB column is updated to spaces. It should be deleting the TSRRCI row and its associated unit of measure. This is causing residual junk data. So, when the user decides to add back a PSB for the same row and presses Accept, a "Result Class Interval Already Exists" error message appears.  2. In Copy/Paste After operation where a Particle Size Basis exists, the units for an associated Particle Size Basis are not being carried forward to the new copied row.  Data change should locate all TSRRCI rows where all base columns are blank yet the foreign key columns for TSRUOM and TSRRULT are not.  See also short-term fix SIR 933.	Defect	P3.0

Subsystem	SIR #	Description	Comments	Resolution
Data Entry	1105	P12 - Characteristic Group Maintenance List, P13 - Characteristic Group Data Entry: P13 is showing inappropriately when Characteristic Groups are present. This situation only shows up in an Organization that does NOT have any "QC Sample Creation Transport & Storage Defaults" or "Laboratories" but does have "Characteristic Groups." In the Organization Menu, click "QC Sample Creation Transport & Storage Defaults" button. If none have been created, screen P40 appears to create a new group. Click "Cancel" to return to the Organization Menu, then click the button for "Characteristic Groups and Defaults." Instead of screen "P12 - Characteristic Group Maintenance" appearing, the application goes to screen "P13 - Characteristic Group Data Entry" even if there are existing Characteristic Groups for the Organization. Closing out of this screen brings up screen P12, which will be blank. Closing P12 returns you to Organization Preferences Menu. At this point, if "Characteristic Groups and Defaults" is clicked again, screen P12 appears WITH the Organization's Characteristic Groups listed. The exact problem also shows up if the Organization doesn't have any Laboratories stored using screen P22. Note: This is the exact behavior in v1.1. Testing on P2.0B.1 shows similar but slightly different behavior (e.g., Char Group Maint List is never blank, QC Samples sometime brings up maintenance list rather than P40, etc.).	Defect	Cancel
Data Entry	1106	RG12 - Result Maintenance List - Multi-Taxon Population Census: Create a duplicate characteristic with copy/paste, then try to close window. User receives an error message that the highlighted row is duplicate characteristics and must be changed or deleted. If you choses <Change>, the duplicate row is not highlighted for the user as the message indicates.	Defect	P2.0.3
Data Entry	1113	ST1 - Station Maintenance List: The Search Criteria read-only field is blank upon initial retrieval of the window. The design standard is to show the word "ALL". Performing a search will subsequently display the appropriate search criteria.	Defect	P3.0
Data Entry	1121	Duplicate Checking: "Carbon Copy" Increase duplicate checking rules to include all data entry fields in the Characteristic Groups and Results Area. See Impact.	Design Change	Cancel
Data Entry	1141	Lab SamplePreparation Procedures: Create ability for user to assign multiple Lab Sample Preparation Procedures to a single result.		P3.0
Data Entry	1142	Global: Remove residual data and attributes from "collaped" permitted values SIR 0822.	Design Change	P3.0
Data Entry	1144	Global: Denormalize Station data table to improve performance.	Design Change	Cancel
Data Entry	1184	R5 - Field Activity Taxa Result Data Entry: Accept button is not active until a value is entered. This is inconsistent with other Result windows.	Defect	P3.0
Data Entry	1185	OP7 - Operating Period Result Data Entry: Add Field Lab Analytical Procedure assignment to match addition of Field/Lab Analytical Procedures performed for R9 for Hand-Held Data Loggers (SIR 0628). Includes Characteristic Groups. Note: OP7 may not the appropriate place for assignment given the business of ADLs. Will need to discuss and get another confirmation from TOPO.		P3.0
Data Entry	1187	QC1B - duplicate checking dialog box: This dialog box does not have a <Defaults> button like other dialog boxes for detected duplicates.	Defect	Cancel

Subsystem	SIR #	Description	Comments	Resolution
Data Entry	1188	FA3 - Field Measurement/Observation Data Entry, FA1 - Field Activity Menu: There is hard-coding for the two existing Habitat-related Category Type Names (i.e., Routine Habitat Assessment, Replicate Habitat Assessment). There will be problems if new Category Types are added (especially Habitat Assessment) to the reference application (TSMPRMVL table). Two such affected areas that would not work for new habitat categories are:  1. FA3 Field Msr/Obs data entry - Medium should be hidden if the category is a habitat. 2. FA1 Field Activity Menu - When first hit Results button upon adding a Habitat field activity, P48 (Habitat Char Group Selection) should appear for the user to select a user-defined or system-defined Char Group.	Design Change	P3.0
Data Entry	1191	APL2 - Laboratory Data Entry: A residue Unit, and possible row, is being left in TSRDQL due to the defaulting unit from results when the user accepts laboratory data. This only appears to happen if some other type of action (even inadvertent click) is made in Detection Limit area.	Defect	P3.0
Data Entry	1192	RG6 - Result Group Characteristic Selection List: Double Click does not select the characteristic.	Defect	P3.0
Data Entry	1194	Batch: provide option for user to be able to turn off informational messages when creating error message log.		Cancel
Data Entry	1195	Batch: Include Station ID and Activity Start Date in error message when applicable.		Cancel
Data Entry	1196	OP7 Operating Period Result Data Entry and RG23 Single Taxon Individual Result Maintenance List: Implement "show as you go" functionality like R9 (Hand-held Data Loggers) .	Design Change	P3.0
Data Entry	1202	PJ20 - Project Data Summary List: Some Activities are disappearing upon redisplay of list. Scenario: Display list, Select and Activity and <Change>, Close and come back to PJ20, some Activities missing. Seems to be related to blank Activity Start Times. Investigation still required to know source of problem.	Defect	P2.0.3
Data Entry	1228	Relax the Business rules for Created from Sample and Composite Sample activities so that parents can come from any Station Visit on a Trip and/or any Trip.		P3.0
Data Entry	1237	Remove RF1 entry from system.	Design Change	P3.0
Data Entry	1238	Change activation diskette requirements to require more Organizational information.		Cancel
Data Entry	1239	Change how User Defined Habitat Assessment Characteristics have a foreign key to Characteristic Groups.	Design Change	P3.0
Data Entry	1299	M1 Main Menu: Change the association of the Main Menu bitmap from an imbedded graphic to a referenced bitmap file.	Design Change	Cancel
Data Entry	1326	Change Visual Basic interface so that user does not have to open image file in the window.	Design Change	P3.0
Data Entry	1416	FA12 Field Activity Actual Location Data Entry, FA13 Trawl/Horizontal Tow Actual Location Data Entry: Add Well Number and Pipe Number to FA12 and FA13. Hide fields if not Well Head or End of Pipe respectively.		P3.0
Data Entry	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)".	Defect	P2.0.3



Subsystem	SIR #	Description	Comments	Resolution
Data Entry	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.	Defect	P2.0.3
Data Entry	1452	Add lipid weight to the weight basis COOL:Gen permitted values. Optionally, the the effort of this SIR can be expanded so that weight basis is maintainable as a permitted value.  04/08/2003 - Use the noun form "Lipid" rather than the adjective form "Lipidic". - S. Smith  04/16/2003 - CCB: Lipid will be the last value in the drop-down list.	Design Change	P2.0.3
Data Entry	1455	Remove mandatory field identification code in the TSRFQSDP table or replace field with value other than the current single space.	Design Change	Cancel
Data Entry	1456	Allow system to return to P38 rather than P32 when pressing Cancel on P37. Also, make Select always disabled when returning from P37. This should work like Analytical Procedures.	Defect	Cancel
Data Entry	1457	Do not round Total Number in Group field for Single Taxon Group Summaries and Single Taxon Individuals when number is defaulted from Multi-Taxon Population Census.	Design Change	P3.0
Data Entry	1458	Add ability in batch to trap when 2 or more habitat assessment characteristic groups are being run sequentially in the same activity.	Design Change	Cancel
Data Entry	1493	Make Medium mandatory when saving Portable Data Loggers. Contrary to business rules, FA3 Field Measurement/Observation Data Entry is currently allowing this. Need to determine with B. King and L. Manning what Medium to apply with user script if any Mediums are found blank.  6/20/03 - Modified FA3 add logic so that the Medium is mandatory for all categories, except habitat assessments. When I analyzed this SIR, I found that Field Calibration Check was also allowing a blank Medium. T. Yslas  06/26/2003 - Script to modify user data will be included to apply the value of "Water" to any PDL Activities where the Medium is a single space (i.e., ""). Does this apply to Field Calibration Check as well.	Defect	P2.0.3
Data Entry	1518	Portable Data Loggers (PDL) are creating a sample row in the TSSMPLE table when the activity is created. In Batch, a sample row is not created. Do not create sample row in data entry system.	Defect	P3.0
Data Entry	1519	After committing a result row for a Single Taxon Frequency Class Biological Result, returning to a result row and pressing Save without altering the count sets the Value Measure to zero (i.e., 0). Alter system so that Save does not set the Value Measure to zero in this scenario, and write a script to set the Value Measure to the Value Text value for numeric, non-zero entries.	Defect	P2.0.3

Subsystem	SIR #	Description	Comments	Resolution
Data Entry	1520	Batch is making an Actual Activity Location (AAL) row for "Child" (i.e., Sample from Sample and Composite Sample) Activities . This AAL row is not needed for "Child" Activities. Alter system so that AAL rows are not created for "Child" Activities, and write a script to remove superfluous AAL rows.  Ensure the following non-batch related condition is also fixed with this SIR. When a field procedure/gear configuration is assigned to a sample (FA7), if the Station visited only has ONE ALP (i.e., *POINT OF RECORD), then the TSRAAL is automatically created and points to that ALP record (general business rule). This is happening for child samples too. Fix system so that child samples are excluded from this.	Defect	Cancel
Data Entry	1521	The field prompt Replicate Number on RG17 is not displaying the "r" in Number.	Defect	P2.0.3
Data Entry	1522	Duplicate Results no longer have to be resolved in the application; they can be ignored without error. Batch still gives an error when a duplicate result is encountered in the input file. Change Batch to allow the duplicates and give a warning message.		Cancel
Data Entry	1533	Update the Help text and Help system with the following changes: - Sequence Number (AL2). Text says "Sequence Number is a two-digit number that indicates..."; it should be "4-digit" now.	Defect	P2.0.3
Data Entry	1556	The Taxonomy button is not being enabled for VAR Characteristics on P50 Characteristic Details	Defect	P2.0.3
Data Entry	1591	Modify window bar on ST9 Show Suspended Stations to remove windows default icon and disable close (i.e., "X") button.	Defect	P2.0.3
Data Entry	1599	Add "fl.oz to" to drop-down list for container sizes and to TSRUOM table. There is no fluid ounce measure for volumes in the Unit of Measure (TSRUOM) table, and "oz" appears in the drop-down list for container size with other volumetric units.	Defect	P2.0.3
Report Module	0072	Add new report - The header will be Organization, Trip, Station, Station Visit. The details of the report will be a List of Incomplete Results for that station visit.		R
Report Module	1004	Selection Limit of 300: The current limitation of Oracle needs to be discussed. Special consideration needs to be given to multiple parameter reports (e.g., Result Details)	Design Change	R
Report Module	1017	Station Summary, Station Details: Suppress Stations without Visits.		Cancel
Report Module	1074	Export: Station Summary: Add the Suspended Status indicator field to the download. Column location to be determined.		R2.0.4
Report Module	1107	RPT3 - Report Parameters: Create ability for user to choose which columns will appear on export reports; primarily for Result Details.		R
Report Module	1108	RPT3 - Report Parameters: Create ability for user to change the column order of export reports; primarily Result Details.		R
Report Module	1120	Add the Permitted Value Description to some of the printed reports. The specific reports will be determined.		R2.0.4
Report Module	1155	Time Edit Pattern of HH:MM: Modify reports to to accommodate the impact from SIR 0403.	Design Change	Cancel

Subsystem	SIR #	Description	Comments	Resolution
Report Module	1161	Result BLOB and associated Comment support: Modify and/or create new report to show BLOBs and associated Comments to accommodate the impact of SIR 0698.		R2.0.4
Report Module	1172	Multiple Lab Sample Preparation Procedure for a single Result: Modify reports to accommodate the impact from Data Entry SIR 1141.	Design Change	R
Report Module	1220	Remove unneeded rtrim functions from all reports and reports front-end resulting from SIR 1029 that changed the field type from char to varchar2 on several fields. This should improve report generation performance.	Design Change	Cancel
Report Module	1224	Create new reports that displays reference table information such as Characteristic Details (e.g., alias, taxonomy information). This is initially just a hit against reference table data.		R2.0.4

- Cancel - SIRs to be canceled.
- P, R - SIRs for future consideration.
- P2.0.3, R2.0.4 - SIRs to be considered for allocation when/if another release is scheduled.
- P3.0 - SIRs to be considered for allocation in the event of a system re-engineering effort.