

MEMORANDUM

DATE: August 31, 1990  
SUBJECT: Weekly Status Report - 08/23/90 - 08/30/90  
TO: [REDACTED]  
FROM: [REDACTED]

WISP

After much frustration, we finally have a loaded database. Most of the effort this week has been on getting the load process to completion before the August 31 deadline. At the eleventh hour, the DBA staff found a problem in the Database which had been causing excessive run times during the RITS data load. It was quickly fixed, and loading was relatively uneventful thereafter, but the overall stress level has been very high.

[REDACTED] and [REDACTED] are testing the loaded data. We intend to deliver the revised application code on Tuesday morning. A new version of the application code will be delivered which incorporates several improvements in response time.

[REDACTED] completed the testing of "Hot Keys" in Scheduling and [REDACTED] has completed the coding and testing of the "Hot Key" for Utilities. [REDACTED] is doing the same for Task and has finished the code for the PMR custom and standard reports. All of these changes are complete for this release.

DATA BASE ADMINISTRATION

The Production system was down for most of the day on Thursday, August 23 because of a data problem. A user mistakenly deleted the UNT record and all (numerous) associated records for the River Bend unit. [REDACTED] encountered a major problem when he tried to roll back to the transaction which deleted the records which will be fixed by personnel in [REDACTED] group. Since the journals could not be used to back out transactions, the entire database had to be restored from Tuesday night's backup, thus losing all changes made on Wednesday and in the morning on Thursday. A message dialog to inform all users of the problem encountered was written by [REDACTED]. This message will be displayed through the end of the month. [REDACTED] has since modified the delete process code to disallow deleting a unit record which has any associated MIPS or RITS data.

[REDACTED] received a fax copy of the DDDL Reference manual appendix P from CA. This documentation was needed to incorporate the IDMSDDDC utility into the signon menu program to allow users to

9102080126 901205  
PDR FOIA  
MCINTYR90-424 PDR

- 1 -

Info... record was deleted  
Revised... with the Freedom of Information  
... *outside scope*  
Fax 90-424

B/1

change their passwords. This DC COBOL program which will eliminate the 'ENTER NEXT TASK CODE!' prompt is near completion.

A meeting was held with WISP personnel to discuss data base changes which could improve access time to certain records. Two changes were identified along with some additional changes to MIPS and Security. These database changes scheduled for Thursday, August 23rd were postponed to Tuesday, August 28th due to the data problem already mentioned.

[REDACTED] has completed inserting the passwords for all existing users in the SINET Dictionary. More user IDs are being added in the SINET dictionary for those users that currently exist in the Primary dictionary but not in the SINET dictionary.

The following migration activity occurred this week: 22 modules, 8 dialogs. Total: 30.

[REDACTED] completed the System list dialog and the application structure for the Main Menu system. She began work on a utility dialog to allow users to display all available messages that have been sent to them regarding IDMS or individual applications. Once this is completed, it will be incorporated into the application structure.

[REDACTED] completed testing SYSCDEMP and has turned it over to [REDACTED]

[REDACTED] continued to work on the WISP documentation for the SINET Data Dictionary. Four of the eight WISP diagrams that will be in it are already completed.

[REDACTED] met with [REDACTED] and [REDACTED] to discuss the Security System. She will be assisting with the changing of the documentation, putting the new User ID's into the system, and sending memo's to all SINET User's informing them of their new ID. This process has already begun and should be completed by the end of September. [REDACTED] also assisted [REDACTED] with the completion of the Data Quality Assurance Plan.

#### MIPS

[REDACTED] is completing the MIPS report 'PROCEDURE TO IPE MATRIX!'

#### IFS

The Unit license conversion has been run on the test system. Once the new license structure has been added to the production database this program will be run to populate the production records.

The online programs affected by this new structure have been identified and are being modified to use the correct records. The query programs have been coded and are being tested, and the update programs should be finished in two to three weeks. (SMR numbers 831 and 832.)

Two batch programs, NRCC0100 and SINCO100, are being changed in accordance with the Licensee Conversion effort.

PART 21

[REDACTED] has spent considerable time cleaning up the Part21 data. [REDACTED] is currently testing the Part21 load program and it should be ready by the end of next week.

EXSIS

SMR 572 EXSIS MIP DATA (PHASE 1). [REDACTED] and [REDACTED] completed modifications to the SINET extract program, the EXSIS table definitions, and the EXSIS import procedures. These are being tested with the revised EXSIS screen procedures. The modifications will include the last/current planned hours from the SINET database. The hours will be included in the output files 'EXSF1020/EXSF1021', which are used to load the data extractions into the EXSIS tables on Pilot.

SINET MAINTENANCE

The units identified as missing in the WISP load were added by Sue to the test and production database.

AP0667 - Weekly SCRAM report. [REDACTED] reviewed the requirements for this SMR with [REDACTED]. Previously it was believed that all the required data was not available in the database. [REDACTED] clarified some areas of misunderstanding and it now appears that all data is available. An approach to providing the requested report will now be developed and reviewed with NRC.

AP0668 - EN/LER Correlation report. A run for January 1990 of the revised report has been reviewed with [REDACTED]. He appeared satisfied, but will have some of their personnel review the results before additional time periods are processed.

Completed SINET SMRs

AP0559 - Modify program to build DOCKET/DKTEE records. Completed by [REDACTED].

Weekly Status Report, cont'd

- AP0819 - Fixabend problem on LERDG002. Completed by [REDACTED]
- AP0821 - Fix scrolling function on IUNDG008. Fix ADS/A structure for QUERY (ISADG01A/ISADG01B). Fix the common linkage dialog JMPDG000 to allow for proper transferring of control. Completed by [REDACTED]
- New SINET SMRs
- AP0830 - Modify LERDG001 to accept only numeric LER numbers (SINET). Also, modify LERDG005 to validate affected Docket numbers. Do not allow duplicate Docket numbers. Completed by [REDACTED]
- AP0831 - CONVERT TO NEW LIC STRUCT (Query) - Change online code to use the new licensee structure. In process by Sue.
- AP0832 - CONVERT TO NEW LIC STRUCT (SINET) - Change online code to use the new licensee structure. In process by [REDACTED]
- AP0833 - FIX QUERY SYSTEM - Submitted by [REDACTED] to fix the event notification function of the Query System. This function has multiple problems aside from the scrolling and data retrieval.
- AP0834 - EN MISSING DATA FIX (SINET) - EN data prior to 07/01/1988 is incomplete. This data cannot be re-captured. Data prior to 07/01/1988 was not and is not available. However, all EN's prior to 07/01/1988 are missing the ENDKT record. A one-time program was written to build the ENDKT record. Originated by [REDACTED] completed by [REDACTED]
- AP0835 - SALP ONLINE SCHEDULE MODS - Various changes requested by [REDACTED] In process by [REDACTED]
- AP0836 - MODIFY COBOL FOR NEW LIC (QUERY) - Modify Cobol programs for the new license structure. Also make sure the program ID prints in the corner of the report. Originated/submitted by [REDACTED] on hold.

MEMORANDUM

DATE: September 7, 1990

SUBJECT: Weekly Status Report - 08/30/90 - 09/06/90

TO: [REDACTED]

FROM: [REDACTED]

WISP

Much of the effort this week has been focused on testing and improving the applications that were released on Monday. [REDACTED] and [REDACTED] have been modifying mainframe programs to use a new index tasks which should improve response time.

System testing has been done with applications as well as running reports on the database. [REDACTED] generated system test procedures for system testing the database after the load was created.

During testing over the weekend, we found a few data problems that had to be fixed. [REDACTED] and [REDACTED] both wrote programs to fix most of these problems. There is one remaining minor data problem which is being fixed. Both [REDACTED] and [REDACTED] will also make the modifications to their original load programs to ensure that they will handle these data exceptions next time.

NRR machines were restored with the updated version of WISP including PMR Report and Custom as well as the jump F12 feature. Encountered problems with 4 of the machines, and several machines were not updated due to insufficient disk space. Two machines were tagged as communication problems. These problems are being worked with [REDACTED]. [REDACTED] was informed about the modifications made to the software and the status of installation on NRR machines.

The WISP Users Manual is being reviewed to incorporate changes made since the August 3rd release.

[REDACTED] worked on Task Load Report.

DATA BASE ADMINISTRATION

A database change was performed in the Test environment this week which included the following:

- addition of IX96-WORG-STATUS to the WTASK record
- addition of IX97-DKT-NO to the WDKTSK record
- addition of INSPCTR, INMLSTN and RISPMLS records and various sets to support multiple inspectors on inspection procedures for MIPS

R10

- addition of IX98-,GN-EMP-ID to the INSPCTR record
- various changes to Security records

Currently the [REDACTED] diagrams and other documentation are being modified to reflect these changes.

The Signon DC COBOL program which will eliminate the 'ENTER NEXT TASK CODE:' prompt is being tested by [REDACTED]. Another DC COBOL program to capture signon statistics has been written and is currently being tested.

[REDACTED] completed the message display dialogs. She started learning DC COBOL and wrote a menu program which will be used in the message update application.

#### MIPS

[REDACTED] is continuing work on the MIPS report 'PROCEDURE TO IPE MATRIX'.

#### IFS

The Unit license conversion has been run on the test system. Once the new license structure has been added to the production database this program will be run to populate the production records.

The online programs affected by this new structure have been identified and are being modified to use the correct records. The query programs have been tested, and the update programs should be finished in one to two weeks.

The two batch programs, NRCCO100 and SINCO100, which are being changed in accordance with the Licensee Conversion effort, have been compiled and are being tested.

#### PART 21

[REDACTED] is continuing to test the Part21 load program.

#### EXSIS

SMR 841 - License Information Mods. This SMR involves modifications to EXSIS programs that extract data from the License and Licensee portion of the SINET data base. Modifications are required to conform to the revised SINET data base structure. [REDACTED] has reviewed the EXSIS programs and found that EXSCO009 is the only one currently affected. Data fields have been identified. These will be reviewed with SINET personnel to determine the correct procedures for finding this data in the new structure.

SMR 734 - Miscellaneous EXSIS tasks. [redacted] will be responsible for all EXSIS loading and user interface for the next two weeks while [redacted] is on vacation.

SINET MAINTENANCE

AP0833 - FIX QUERY SYSTEM - Event Notification Query screens (5 dialogs). [redacted] fixed the Pre-map and Enter processes for all the dialogs. However, the scrolling functions for all dialogs need to be corrected. Also, these screens do not support the functionality they were designed for. These dialogs need to be re-written. These enhancements are on hold due to the re-modeling of Integrated Events.

AP0835 - SALP ONLINE SCHEDULE MODS - Various changes requested by [redacted]. A database change on record SALPRPT is required to complete this SMR, which [redacted] is working on.

AP0763 - OOSS Power Query screens (3 dialogs). [redacted] reviewed this SMR. These dialogs MAY need to be re-written. These enhancements are on hold due to the re-modeling of Integrated Events.

New SINET SMRs

AP0837 - REQ0531 PHASE (MIPS) - Enhancements: Provide capability to support multiple inspectors, provide capability to support multiple target dates; develop detail procedure update by region and org.; provide "Individual Inspector" selection criteria for MIPS reports 4, 5, 6, 7 and 14. Originated by [redacted] is working on this.

AP0838 - FIX SINET COMMUNICATIONS (SINET) - Fix SINET communications to not allow access to option 8. Originated by [redacted] who has also completed it.

AP0839 - FIX QUERY COMMUNICATIONS (QUERY) - Fix Query communications modules to transfer to appropriate menus and/or dialogs. Originated by [redacted] who has now completed it.

AP0840 - NEW LICENSE STRUCTURE (QUERY) - Programs SINCO100 and NRCCO100 need to be modified to use the new license/licensee structure. Originated by [redacted] this work was actually started 8/27 by [redacted] and is still in process.

MEMORANDUM

DATE: September 14, 1990  
SUBJECT: Weekly Status Report - 09/05/90 - 09/12/90  
TO: [REDACTED]  
FROM: [REDACTED]

WISP

[REDACTED] worked with the IRM communications team to successfully resolve all communication problems encountered at White Flint. Two (2) more users were added to the group of testers bringing the working number to 14. That count now satisfies NRR for system testers, although there are four more potential testers that are lacking adequate disk space to install the application. This problem is currently being worked on by another section.

Several team members worked with users on 9/10/90 to demonstrate some of the screens in Task and Schedule. As followup, the WISP team has been visiting with the users at NRR for questions, problems or comments. Each received a user manual, module definition document, template and WISP problem log sheets.

Two of the users have already identified problems and turned in the forms. There have been some requests for changes in functionality, but we are holding all those in abeyance for now. We will revisit them individually later. [REDACTED] impression is that there is more energy being expended in comparing the features of the two systems to see what ours is "missing" than in really testing what we delivered. So far the only real complaint is that response time is slow. Beginning next week, we will have at least one WISP team member at NRR every day to answer questions, resolve problems, and listen for user feedback.

[REDACTED] and [REDACTED] have been working on some nagging data problems resulting from the load. These should be fixed this week. [REDACTED] is also completing the documentation of the load process so that the final load will run more smoothly. He and [REDACTED] begin their new assignments (on MIPS and IFS) this week.

[REDACTED] and [REDACTED] are all working on additional functional enhancements to be incorporated by the end of the year: [REDACTED] on the Modify Weekly Hours function, [REDACTED] on additional Utilities capabilities, and [REDACTED] on the Task Load Report.

[REDACTED] completed changes to ORGANIZATION TASK LIST so that only 20 tasks are retrieved at any one time, thus improving performance. The change has been migrated to user PC's.



percentage would have been much higher if NIH hadn't shut down the system on Sunday, August 26.

She has also begun to set up the memo which will be sent out to all Users indicating their new ID for the security system. The memo will be sent to several hundred users for which she has started entering the field names and record names into the system. [redacted] continued to work on the WISP documentation/diagrams for the SINET Data Dictionary.

#### MIPS

[redacted] has completed the coding and testing of the Cobol program 'MIPC0020,' which is used to generate the MIPS report 'PROCEDURE TO IPE MATRIX'.

#### IFS

The online programs affected by this new structure have been identified and are being modified to use the correct records. The online programs have been completed and are awaiting acceptance testing.

#### PART 21 / VENDOR

The Part21 load program has been tested and a walk-through of the code has been completed.

A walk-through of the Vendor Load program has been completed. A program to add the vendor code to the data has been run, and the rejected records are being worked on. All records must have a valid vendor code before they can be loaded to the database.

All vendor records must be loaded before the Part21 records can be loaded.

#### EXSIS

SMR0734 - Miscellaneous EXSIS tasks. [redacted] has been working on a number of small "clean-up" tasks. These include loading revised "EXSIS HELP" information, reviewing the EXSIS loading procedures, and updating the EXSIS set of documentation.

#### New:

SMR0841 - License Information Mods. The changes required to extract license information from the modified SINET structure were reviewed with [redacted]. Changes required for EXSC0009 have been identified. [redacted] will start program modifications as soon as he completes the IPE Matrix report.