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INTEGRATED INFORMATION SUPPORT SYSTEM (IISS) VOLUME 3
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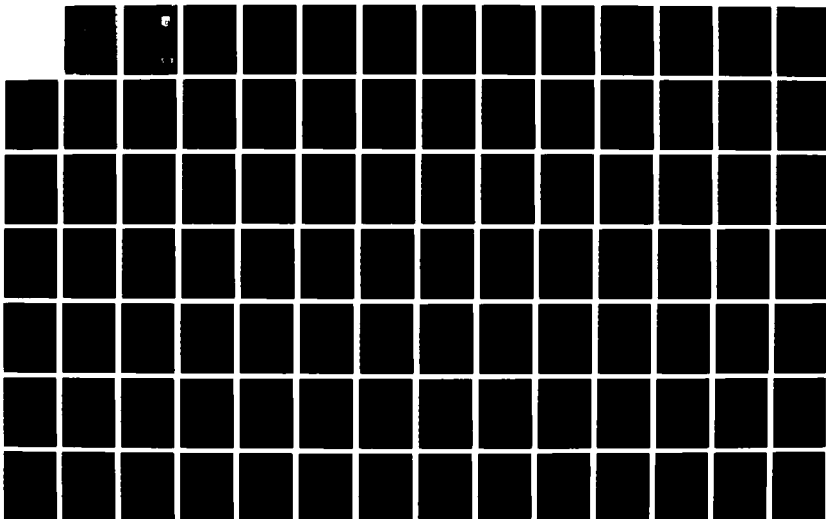
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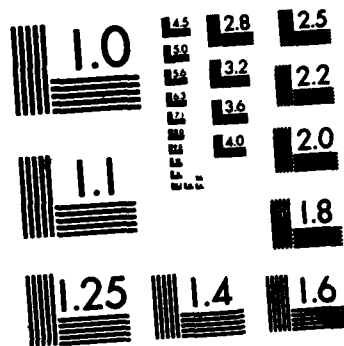
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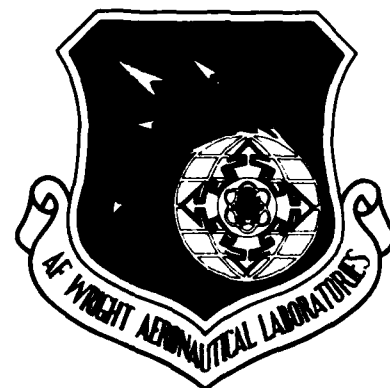
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AFWAL-TR-86-4006
Volume III
Part 4



AD-A181 223

INTEGRATED INFORMATION
SUPPORT SYSTEM (IISS)
Volume III - IISS Configuration Management
Part 4 - Schedule Control Document

General Electric Company
Production Resources Consulting
One River Road
Schenectady, New York 12345

Final Report for Period 22 September 1980 - 31 July 1985

November 1985

Approved for public release; distribution is unlimited.

PREPARED FOR:

MATERIALS LABORATORY
AIR FORCE WRIGHT AERONAUTICAL LABORATORIES
AIR FORCE SYSTEMS COMMAND
WRIGHT-PATTERSON AFB, OH 45433-6533

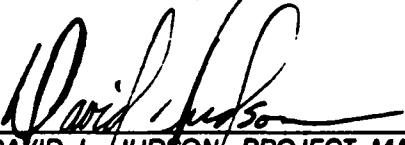
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This report has been reviewed by the Office of Public Affairs (ASD/PA) and is releasable to the National Technical Information Service (NTIS). At NTIS, it will be available to the general public, including foreign nations.

This technical report has been reviewed and is approved for publication.


DAVID L. JUDSON, PROJECT MANAGER
AFWAL/MLTC
WRIGHT PATTERSON AFB OH 45433

5 Aug 1986
DATE

FOR THE COMMANDER:


GERALD C. SHUMAKER, BRANCH CHIEF
AFWAL/MLTC
WRIGHT PATTERSON AFB OH 45433

7 Aug 86
DATE

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↓ The Integrated Information Support System is a test computing environment used to investigate and demonstrate and test the concepts of information management and information integration in the contexts of Aerospace Manufacturing. Specifically, IIS addresses the problems of integration of data resident on heterogeneous databases supported by heterogeneous computers, interconnected via a Local Area Network. A common Data Model is maintained and provides the mechanism required to integrate the data.

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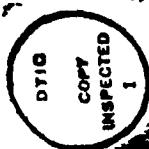
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This manual, the Schedule Control Document (SCD), is a working document that was developed during the 6201 IISS project to schedule enhancements to the IISS system. This version of the document gives the final state of the information at the end of the project...			
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Part 4 - Schedule Control Document

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PREFACE

This system control document covers the work performed under Air Force Contract F33615-80-C-5155 (ICAM Project 6201). This contract is sponsored by the Materials Laboratory, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio. It was administered under the technical direction of Mr. Gerald C. Shumaker, ICAM Program Manager, Manufacturing Technology Division, through Project Manager, Mr. David Judson. The Prime Contractor was Production Resources Consulting of the General Electric Company, Schenectady, New York, under the direction of Mr. Alan Rubenstein. The General Electric Project Manager was Mr. Myron Hurlbut of Industrial Automation Systems Department, Albany, New York.

Certain work aimed at improving Test Bed Technology has been performed by other contracts with Project 6201 performing integrating functions. This work consisted of enhancements to Test Bed software and establishment and operation of Test Bed hardware and communications for developers and other users. Documentation relating to the Test Bed from all of these contractors and projects have been integrated under Project 6201 for publication and treatment as an integrated set of documents. The particular contributors to each document are noted on the Report Documentation Page (DD1473). A listing and description of the entire project documentation system and how they are related is contained in document FTR620100001, Project Overview.

The subcontractors and their contributing activities were as follows:

TASK 4.2

Subcontractors

Role

Boeing Military Aircraft
Company (BMAC)

Reviewer.

D. Appleton Company
(DACOM)

Responsible for IDEF support,
state-of-the-art literature
search.

General Dynamics/
Ft. Worth

Responsible for factory view
function and information
models.

SCD620122000
1 November 1985

Subcontractors

Role

Illinois Institute of
Technology

Responsible for factory view
function research (IITRI)
and information models of
small and medium-size business.

North American Rockwell

Reviewer.

Northrop Corporation

Responsible for factory view
function and information
models.

Pritsker and Associates

Responsible for IDEF2 support.

SofTech

Responsible for IDEF0 support.

TASKS 4.3 - 4.9 (TEST BED)

Subcontractors

Role

Boeing Military Aircraft
Company (BMAC)

Responsible for consultation on
applications of the technology
and on IBM computer technology.

Computer Technology
Associates (CTA)

Assisted in the areas of
communications systems, system
design and integration
methodology, and design of the
Network Transaction Manager.

Control Data Corporation
(CDC)

Responsible for the Common Data
Model (CDM) implementation and
part of the CDM design (shared
with DACOM).

D. Appleton Company
(DACOM)

Responsible for the overall CDM
Subsystem design integration
and test plan, as well as part
of the design of the CDM
(shared with CDC). DACOM also
developed the Integration
Methodology and did the schema
mappings for the Application
Subsystems.

SCD620122000
1 November 1985

<u>Subcontractors</u>	<u>Role</u>
Digital Equipment Corporation (DEC)	Consulting and support of the performance testing and on DEC software and computer systems operation.
McDonnell Douglas Automation Company (McAuto)	Responsible for the support and enhancements to the Network Transaction Manager Subsystem during 1984/1985 period.
On-Line Software International (OSI)	Responsible for programming the Communications Subsystem on the IBM and for consulting on the IBM.
Rath and Strong Systems Products (RSSP) (In 1985 became McCormack & Dodge)	Responsible for assistance in the implementation and use of the MRP II package (PIOS) that they supplied.
SofTech, Inc.	Responsible for the design and implementation of the Network Transaction Manager (NTM) in 1981/1984 period.
Software Performance Engineering (SPE)	Responsible for directing the work on performance evaluation and analysis.
Structural Dynamics Research Corporation (SDRC)	Responsible for the User Interface and Virtual Terminal Interface Subsystems.

Other prime contractors under other projects who have contributed to Test Bed Technology, their contributing activities and responsible projects are as follows:

<u>Contractors</u>	<u>ICAM Project</u>	<u>Contributing Activities</u>
Boeing Military Aircraft Company (BMAC)	1701, 2201, 2202	Enhancements for IBM node use. Technology Transfer to Integrated Sheet Metal Center (ISMC).

SCD620122000
1 November 1985

<u>Contractors</u>	<u>ICAM Project</u>	<u>Contributing Activities</u>
Control Data Corporation (CDC)	1502, 1701	IISS enhancements to Common Data Model Processor (CDMP).
D. Appleton Company (DACOM)	1502	IISS enhancements to Integration Methodology.
General Electric	1502	Operation of the Test Bed and communications equipment.
Hughes Aircraft Company (HAC)	1701	Test Bed enhancements.
Structural Dynamics Research Corporation (SDRC)	1502, 1701, 1703	IISS enhancements to User Interface/Virtual Terminal Interface (UI/VTI).
Systran	1502	Test Bed enhancements. Operation of Test Bed.

SCD620122000
1 November 1985

FOREWORD

This document was used as a working document that was updated and revised frequently by the developers. This publication of the document gives a final state of the information at the end of the project. The forms used were designed to contain a lot of information and to be filled out either manually or on the computer version and was not designed to satisfy the format guidelines that are used in most of the rest of the formal project documentation. For this reason, there will be some deviations in format guidelines such as margins.

The completion dates given are intended to be approximate and in many cases the importance is the fact of whether a task is complete even though the exact date is not recorded. Also, the completion status is in many cases a judgment based on the intent of the work. Also, particularly for the documentation, the completion dtes are shown as 31 October 1985 for consistency as the actual documentation effort continued over several months period of time.

The primary value of this document is to serve as a format and as a basis for further work.

TABLE OF CONTENTS

		<u>Page</u>
SECTION 1.0	FUNCTIONS OF TCD AND SCD	1-1
1.1	Technical Control Document	1-1
1.2	Schedule Control Document	1-1
1.3	Relationship Between TCD and SCD	1-1
SECTION 2.0	IISS RELEASE FUNCTIONALITY SUMMARIES ...	2-1
2.1	IISS System Release Functionality Summary	2-1
2.2	NTM Functional Summary by Release ...	2-7
2.3	CDM Functional Description by Release	2-11
2.4	UI/VTI Functional Summary by Release	2-13
2.5	COMM Functional Summary by Release ..	2-17
SECTION 3.0	SCHEDULE CONTROL DOCUMENTS FOR CONTRACTORS	3-1
3.1	SCD Form Description	3-1
3.2	Boeing Military Aircraft Corporation (BMAC) Schedule Control Document ...	3-9
3.3	Structural Dynamics Research Corporation (SDRC) Schedule Control Document	3-21
3.4	Control Data Corporation (CDC) Schedule Control Document	3-45
3.5	McDonnell-Douglas Corporation (MDC) Schedule Control Document	3-61
3.6	General Electric Company (GE) Schedule Control Document	3-73
3.7	D. Appleton Company (DACOM) Schedule Control Document	3-93

LIST OF ILLUSTRATIONS

<u>Figure</u>	<u>Title</u>	<u>Page</u>
3-1	Sample SCD Form	3-8

SECTION 1

FUNCTIONS OF TCD AND SCD

In general, the TCD specifies "What" is to be done, as in a Statement of Work, and the SCD specifies the schedule and grouping of items to indicate "How" and "When" it is to be done.

1.1 Technical Control Document

The TCD contains descriptions of features, functions, and tasks involved in the development of the IISS Project. In some cases the features and functions relate to requirements or functionality of given subsystems and enhancements to the IISS. In other cases, the specific tasks needed to carry out the implementation are specified. All of the above uses can be included in line items of the TCD.

The TCD should not contain any schedule information. The current information that is in it should be deleted.

The TCD should contain dependencies as they are appropriate to the functions to be performed. These dependencies must be reflected eventually into the dependencies in the SCD tasks.

The "stage is" information should be dropped from the TCD as this is effectively picked up in the SCD.

1.2 Schedule Control Document

The SCD contains only scheduleable tasks that lead to events or deliverable end items. All TCD items must be reflected into an SCD item to be scheduled and carried out. This provides a mechanism to group several features, for example, into a program module and then to schedule the implementation of the module. The features themselves would not be easily scheduleable, as it is only when they are reflected into design and implementation tasks that they may be scheduled.

1.3 Relationship Between TCD and SCD

All TCD items must be reflected into an SCD task to be scheduled. A TCD item can occur in only one SCD task. An SCD item should contain at least one TCD item.

SECTION 2

IISS RELEASE FUNCTIONALITY SUMMARIES

2.1 IISS System Release Functionality Summary

Following is a summary of all of the releases from a system viewpoint. This provides a brief summary of all the added functionality for each release. The succeeding sections then give the release summary as viewed by each subsystem. These give more detail on the nature of the changes in each of the subsystems. The dates are the approximate dates when the releases were completed and the tapes made available for distribution.

- Release 1.0 - September 1983
 - VAX Only
 - Relational Query (ORACLE)
 - Forms Processor in COBOL (Limited Functionality)
- Release 1.1 - January 1984
 - VAX Only
 - Forms Processor in "C" - Increased Functionality
 - NTM Functional and Operational Enhancements
 - CDM Functional and Operational Enhancements
- Release 1.2 - July 15, 1984
 - VAX Only
 - NTM Table "Caching" to remove limits on number of APs
 - Query of CODASYL database (VAX-11 DBMS)
 - Functional and Operational Enhancements for all Subsystems
- Release 1.3 - September 15, 1984

- UI
 - . Protected Windows
 - . Paging and Scrolling
 - . Language-Driven Forms Editor
 - . Scripting Support
- Release 1.5 - December 15, 1984

(Releases 1.4 and 1.5 were combined to allow combined testing and the use of improved Configuration Management tools.)

 - CDM ORACLE-Based Cross-Reference Reports
 - NDDL Processor
 - . Descriptions
 - . Synonyms
 - . Keywords
 - . Conceptual Schema
 - . Copy Objects
 - . IS/CS Mapping
 - . CS/ES Mapping
 - . User Views
- UI
 - . Multiple Message Display Management
 - . AP Definition Support
- Release 1.6 - February 28, 1985
 - NDDL Modeling Enhancements

SCD620122000
1 November 1985

- . Internal Schema (IS) Commands
- UI Enhancements
 - . APs Bound to UI
 - . Graphics Pass-Through
 - . Multiple Message Display
 - . Text Editor
 - . Forms-Driven Form Editor
- Release 1.7/1.8 -- April 1, 1985 (Rel GE) - May 1, 1985
(Complete)
 - NDDL Modeling Enhancements
 - . Check
 - . Copy
 - . Drop
 - . Rename
 - . Compare
 - . Merge
 - . Combine Entity
 - . Copy Entity with Structure or Relations
 - . Copy Attribute
 - Run MCMM from IISS terminals.
 - CDM Reports Supported by UI (Limited number implemented)
 - NTM Log Analysis Utility
 - Multiple Directory Service for AP Storage
- Release 1.9

Functionality that was originally in Release 1.9 was moved to Releases 1.8 and 2.0.

- Release 2.0 -- May 15, 1985 (Rel GE) - July 31, 1985 (Complete)
 - Single-Node Update (with referential integrity checks) of:
 - . ORACLE (Relational)
 - . VAX-11 DBMS (Codasyl)
 - CDMP Enhancements
 - . Not In Set (Limited to single key compare)
 - . Order By and Distinct Clauses
 - . Column Statistics
 - . Synonyms
 - . Horizontal Partitioning and Union (Retrieval only)
 - . Redundant Data
 - . Redefinition and Repeating Groups
 - . Integrity and Constraint Checks
 - . Domain and Range Checks
 - ORACLE Version 4.1 Support
 - UI
 - . Window Manager
 - . User-Controlled Screen Management
 - . Eliminated Graphics Pass-Thru provided in Rel 1.6 because of Window Manager
 - . Basic Report Writer

SCD620122000
1 November 1985

Condition Evaluation and triggered action, but no hierarchy or network charts.

- . Control Logical Device Sharing
- . Graphics Device Driver
- . Forms Editor Graphics Enhancements - Limited (No graphics package)
- . Report Writer Graphics Enhancements - Limited (No graphics package)
- . Form Placement on Reports (hierarchical capability)
- . Rapid Application Generator (RAP) - Query Only
- . AP Definition Support
- . RCL User Support
- NTM
 - . Remote Compile and Link (RCL)
 - RCL Programmer Services
 - RCL Expert AP on VAX
 - RCL Expert Test
 - . NTM Table Utility
 - ADD, DELETE, VIEW of HOST, APC, or AP
 - . Logic rewritten for NTM Tables (performance and functionality)
 - . Time Check Logic activated

- Release 2.n - not scheduled

The following enhancements, which had been scheduled at one time, were not be completed in the scheduled releases. There is no attempt to show the large number of enhancements that have been identified as needed or possible for future work. These

are described in other documents that have been available for planning the follow-on project.

None of the IBM-related functionality has been completed and integrated because of the end of contract of Project 1701 under Hughes Aircraft Company that was providing the IBM computer and personnel support through a subcontract with Boeing. This support was terminated on April 15, 1985 before the final integration and test of the IBM work had been completed. In the items below, the state of completion of each item and the approximate release time frame during which the work was done is indicated.

- Two Computer Systems - VAX/IBM

(Subsystem tested and most of the formal release process completed - Rel 1.8)

. NTM and COMM on VAX/IBM

. File Send/Receive

- IBM Access Enhancements

. CICS Interface - (Unit tested - Rel 1.8)

. 3270 Device Driver on IBM - (Unit tested - Rel 2.0)

Allows 3270 Terminals on IBM as IISS Terminals

. User APs Capability for IBM (FPAI) - (Subsystem tested - Rel 1.8)

- Database Access on IBM (Precompiler generated code, not tested)

. Query CODASYL dbms on IBM (IDMS) - (Rel 1.3, Revised Rel 2.0)

. Query IMS on IBM - (Rel 1.3)

. IMS Interface - (Rel 1.3)

Limited to single user because of NTM/IMS interface restrictions

SCD620122000
1 November 1985

- . Query TOTAL on IBM - (Rel 2.0)
- . Single-Node Update of TOTAL databases - (Rel 2.0)
- . CDMP on IBM - (Rel 1.3 - Must be revised to Rel 2.0)

Aggregator

Distributed Request Supervisor

The following items were scheduled for completion for Rel 2.0 but were not completed:

- NDDL Enhancements
 - . Integrity and Constraint Checks - (Limited)
- NTM Signal Abort Service

2.2 NTM Functional Summary by Release

Following is a summary of the NTM functionality that was included in each release of the system.

Release 1.0

The NTM contained the necessary functionality to provide the required services in a single-computer, VAX only, environment. This included the basic monitoring, start-up/shutdown, message management, process management, and application services functions.

Release 1.1

Release 1.1 contained NTM enhancements for such things as the number of APs that can be handled, message queuing improvements, and start-up protocol changes to make system tuning easier. Following are more specific changes:

- Reuse of Table space and Table Full Logic.
- Message queuing modified to use indexed sequential files.
- Receive Message Service modified to check both hot and cold mailboxes when no specific mailbox is specified.

SCDS20122000
1 November 1985

- Instance Routine for COMM that allows multiple instances of IISS to be running simultaneously.
- Start-up protocol improved to allow faster start-up for a single computer.
- Sysgen file was added to contain many of the NTM definition parameters that can be changed at startup without requiring a recompilation of the system.
- New Delete Process Routine.
- What Host Service provided to allow APs to determine the host computer rather than what an AP is already running on.
- Global Memory Handling modifications to delete global memory mapping between APs and their APC.

RELEASE 1.2

Release 1.2 was planned to be the upward compatible release of the system. Following are some of the specific enhancements:

- New AP Naming Support

The AP naming convention was changed from five to ten character names. The convention was set up to be compatible with adding entire subsystems without having to resolve names with existing subsystems.

- Guaranteed Delivery message service added.
- Logging Task

A change in the architecture of the NTM was made to provide a separate logging task. This allows logging to proceed asynchronously with the processing of messages, which made a significant improvement in performance.

- NTM Tables Handling

Memory "caching" logic was added to allow large tables to be kept on disk in indexed sequential files and then to keep a main memory "cache" of the information being

used. This provides for much better use of memory and effectively removes any limits on sizes of tables, which removes limits on the number of APs that the system can handle.

- Fortran AP Support

The IISS software was enhanced to allow application programs to be written in Fortran and call all of the user AP services of the IISS.

- IBM Compatibility Modifications to make known changes in the VAX code to keep it compatible with the IBM.
- ISEND message service extended to handle "continued" and "paired" messages to make it compatible with the normal NSEND message service.
- SIGERR and TSTMOD services added.

SIGERR provides a consistent way of outputting error messages while using an NTM service. TSTMOD is a test mode indicator in the message header that indicates special processing for the message.

- ERRPRO used to log all fatal errors

ERRPRO is a special error handling service that an application can use directly when the normal IISS services cannot be accessed, thus providing a trail for fatal errors.

- Interactive MPUGEN added to allow easier SYSGEN

A capability was added to specify "tuning" and definition parameters in an easily changeable file, and then to provide a MPUGEN service to maintain the file, rather than imbedding these parameters in the code and requiring a recompile to change the definition or tuning.

- ACK Mailbox Added

An ACK mailbox was added as a third mailbox for interface between the APs and the NTM MPU to handle message acknowledgments only. This kept the ACKs from being queued in the Cold Mailbox and leading to

potential deadlock situations.

Release 1.3

No NTM changes.

Release 1.4/1.5

NTM changes for compatibility with the IBM and with the updated COBOL compiler. This included changes to consistently use a PIC 9(5) data format for message lengths rather than some PIC 9(4) specifications.

Release 1.6

Release 1.7/1.8

- MPU Enhancements
 - Narcolepsy problem fixed, which was a problem manifested by the system "going to sleep" and ceasing to respond to the user
 - Child Table (CLDTBL) speed-up
- Utilities and Support Services
 - Log file analysis utility
 - Table-file management utility

Release 2.0

- MPU Enhancements
 - Long message fix
 - Rewrite of Child Table (CLDTBL)
 - WAIT-FOR-INITIALIZATION fix
 - Rewrite of AP Operating Information Table (APOTBL)
 - Rewrite of AP Status Table (APSTBL)
 - Rewrite of I'm Alive Table (IMATBL)

SCD620122000
1 November 1985

- Rewrite of Message Pairing Table (MPRTBL)
- Enhanced SHUTDOWN processing
- Added TRACE file capability
- Manage AP instance numbers
- Corrected inter-program calls
- MONITOR MPU SHUTDOWN fix
- MPR Table illegal function fix
- IMA Table illegal function fix
- Enhanced IISS START-UP .COM
- Application Services
 - Signal Abort service (SIGABT)
 - NSEND 'connectionless' protocol
 - RCL EXPERT service (SNDRCLE)
- Test Programs
 - RCL EXPERT test application.
- Utilities and Support Services
 - Remote Compile and Link (RCL) EXPERT Application

2.3 CDM Functional Description by Release

Following is a summary of the CDM functionality that was included in each release of the system.

Release 1.0

Although designed and implemented to map NDML retrievals to CODASYL, this could not be tested. Released functionality included the NDML precompiler, the Distributed Request Supervisor, and the Join Aggregator. Supported in this release were NDML retrievals mapped to an ORACLE relational database.

Release 1.1

The NDML precompiler was enhanced to support recognition of embedded NDML statements in FORTRAN programs, as well as COBOL.

Release 1.2

The NDML precompiler was enhanced to handle special mappings particular to CODASYL, such as attributes mapped to a set and multi-member record sets. Other additions to the conceptual-to-internal mapping algorithms supported multiple secondary copies of data and phantom attributes (i.e., inherited attribute not mapped directly to the internal schema).

Release 1.4/1.5

The NDDL processor was released. The functionality provided allows the CDM Administrator to populate and maintain conceptual entities, attributes and relations, and their descriptions; keywords assignment for entities, attributes, and relations; aliases for entities and attributes; definition of external schema views and mapping to the conceptual schema; and the specification of conceptual-to-internal schema mappings. A number of requested reports of CDM information were also produced using the native capabilities of ORACLE.

The CDM database and the NDML precompiler were also extended to map NDML queries to IMS and TOTAL databases. These queries could be generated, but testing was not completed because of the requirement for completion of NTM rehosting.

Release 1.6

The NDDL processor was enhanced to allow the CDM to populate and maintain the internal schema portions of the CDM1, i.e., databases, records, fields, and sets. The NDDL processor was also enhanced to make use of the UI forms processor to provide an interactive user interface.

Release 1.7/1.8

The NDDL processor was enhanced to support IDEF1 modelling enhancements. This supported concurrent development of many models with more restrictive view points that can later be merged into the conceptual schema, or integrated model. These

enhancements allow for inter- and intra-model copy entity, attributes, and descriptions; comparison of two models based on keywords and aliases; combination of two entities; copying an entity with its structure of dependent entities or with its immediately related entities; merging of two models into one, and checking a model for adherence to the rules of a fourth phase IDEF1 model.

Release 2.0

The NDDL precompiler was extended to allow for update operations. These updates may map to TOTAL, ORACLE and VAX-11, although TOTAL could not be tested. The updates must not be distributed. The precompiler generates referential integrity tests and calls to domain and assertion checking software.

New conceptual-to-internal schema mappings provide for record unions, query of horizontal partitions, and access to redefined and component data fields known to the dbms.

Enhancements to the NDML SELECT allow for sorting, removal of duplicates, column statistics, not in set comparison, and saving results into a file.

2.4 UI/VTI Functional Summary by Release

Following is a summary of the UI/VTI functionality that was included in each release of the system.

Release 1.0

The first UI/VTI release included the Form Processor, the Form Processor Application Interface, and the Virtual Terminal Interface. It also included a subsystem called the User Interface Management System, which at that time consisted of the message monitor and some system applications that were bound to the UI/VTI process. The term "User Interface Management System" was later used to refer to the entire run time UI/VTI.

The Release 1.0 VTI was entirely table driven and was written in the C programming language. Terminals supported include: the Digital Equipment Corporation VT100, the Lear-Sigler ADM3A, and the Honeywell VIP7200.

The Release 1.0 Form Processor, Form Processor Application Interface and User Interface Management System were written in

COBOL.

Release 1.1

The Form Processor was originally written in COBOL. This implementation placed many restrictions on the Form Processor such as a fixed number of forms an application could have open and a fixed number of forms an application could have on the display list. Also, the Form Processor's COBOL implementation needed many performance improvements. Because of these limitations, the Form Processor was rewritten in the C language.

Also, a temporary Form Editor was developed. This editor was based on the VAX FMS screen design's capability to produce a file, which was then processed by the Build Form Definition program to produce form definition objects. These form definition objects were then used by the Form Processor.

Release 1.2

There were only minor changes and fixes to the UI/VTI Subsystem in Release 1.2.

Release 1.3

The major features of this release were the Forms Language Compiler and Form Processor enhancements. The Forms Language Compiler accepts as input form definition language source files and produces as output form definition objects. It was no longer necessary to use the VAX FMS and Build Form Definition program to produce form definition objects. The Form Processor enhancements included paging and scrolling and terminal within a terminal.

Release 1.3 software included:

- Monitor NTM Messages
- Terminal within a Terminal
- Local Paging and Scrolling
- Extensions for Paging and Scrolling
- Forms Definition Language

SCD620122000
1 November 1985

- Forms Language Compiler
- Backwards Compiler

Release 1.4/1.5

This release included support additions to allow:

- Multiple Message Display Management
- AP Definition Support

Release 1.6

The major features of this release were the Forms-Driven Form Editor and the Text Editor. The Forms-Driven Form Editor allows form designers to interactively create form definitions interactively in three different modes: single field, whole form, and layout. The Text Editor allows users to do text editing on files and also is embedded in the Form Processor to allow text editing on items within forms.

Release 1.6 software included:

- Forms-Driven Form Editor
- Forms-Driven Form Editor in Forms
- Definition Language
- Graphics Pass-Thru
- FPAI Extensions Graphics Pass-Thru
- Text Editor
- Multiple Message Display
- Port FPAI to IBM
- Internally Bound APs
- FPAI Extensions for Internally Bound APs
- Calculated Data Fields

Release 1.7/1.8

SCD820122000
1 November 1985

There were no functional enhancements made to the UI/VTI in this release.

Release 2.0

This software release was a major change in architecture to implement the window manager functionality. Also, integration with the CDM was extremely important to the implementation of the Report Writer and the Rapid Application Generator. The major features provided in this release were the Window Manager, the Report Writer, and the Rapid Application Generator. In addition to the Report Writer, the Hierarchical Report Writer was provided to process output from the Report Writer in order to produce the hierarchy reports in the Product Specifications.

Release 2.0 software included:

- Window Manager and Internally Bound APs
 - Multiple Logical Devices to One Physical
 - One Logical to Multiple Physical Devices
 - Multiple Logicals to Multiple Physicals for Multiple Users
- Rapid Application Generator
 - Condition Evaluation and Triggered Action
- User-Controlled Screen Management
 - User Control Over Logical-to-Physical Device Mappings
 - User-Controlled Screen Management
- Report Writer
 - Report Writer - Sorting
 - Report Writer - Page Headers
 - Report Writer - Page Footers
 - Report Writer - Page Breaks

- **Control Logical Device Sharing**
 - Cooperation Strategies
 - Change Posting
 - Queued Requests
- **Form Editor Graphics Enhancement (partial)**
 - Line Drawing
 - Fixed Line Sizes
 - Graphic Symbol Generation and Placement
- **Report Writer Graphics Enhancements**
 - Reports Graphically Defined with Form Editor
 - Stretch Indicators
 - Stored Styles
- **Form Placement on Reports**
 - Placement Style
 - Reports as Networks of Forms
 - Reports as Hierarchies of Forms
- **CDM Integration**
 - Consistent Data Access for User Interface and CDM
 - Integrate FDFE with CDM External Schema Definition Language
 - Consistent Data Definition

2.5 COMM Functional Summary by Release

Following is a summary of the COMM functionality that was included in each release of the system.

SCD620122000
1 November 1985

Release 1.0

The Interprocess Communication Primitives were running on the VAX under VMS, on the Honeywell Level 6 under GECOS Mod 400, and on the IBM 3084 under CICS. The Communications Subsystem was also running under the same environments. Binary and native data messages were successfully transferred between the VAX and the Honeywell Level 6 at 9600 bps across the GENet local area network. Binary and native data messages were also successfully transferred between the VAX and the IBM through the PCI protocol converter at 300 bps.

Release 1.1

In addition to the capabilities supplied for release 1.0, the Communications Subsystem and the IPCs were also running in the MVS environment on the IBM.

The start-up process for the Communications Subsystem had been modified so that program could be brought up without the presence of the Communication Subsystem on the other end of the link.

Release 1.2

Mailbox names were expanded to 14 characters to accommodate the expanded AP naming convention.

The Communication Subsystem was modified to accept a larger NTM header on messages.

Releases 1.3, 1.4/1.5, & 1.6

There were no changes to the IPCs or the Communications Subsystem.

Release 1.7/1.8

The initialization section of the Communications Subsystem was modified to send a "link fail" message to the Network Transaction Manager if the initialization of the port failed.

Release 2.0

No changes to the IPCs or the Communications Subsystem.

SECTION 3

SCHEDULE CONTROL DOCUMENTS FOR CONTRACTORS

This section contains a description of the SCD Form in Section 3.1 and then the SCD sections for each of the major contractors active during the time the SCD was used. These are the following along with their areas of prime responsibility.

Section 3.2 - Boeing Military Aircraft Company (BMAC).
Responsible for IBM work.

Section 3.3 - Structural Dynamics Research Corporation
(SDRC). Responsible for the User Interface
Subsystem.

Section 3.4 - Control Data Corporation (CDC). Responsible
for CDM subsystem implementation.

Section 3.5 - McDonnell Automation Company of
McDonnell-Douglas Corporation (MDC).
Responsible for the NTM, starting with
Release 1.3.

Section 3.6 - General Electric Company (GE). Responsible
for the system integration and test and
running th Test Bed.

Section 3.7 - D. Appleton Company (DACOM). Responsible for
the design of the CDM Subsystem.

3.1 SCD Form Description

Following is a description of the fields in the Schedule
Control Document form as shown in Figure 3-1:

- **ORG DATE**

Original Date. This is the date of the original issue
of the SCD form for the task.

- **REV NO**

Revision Number. The revision number of current version
of the form

- **REV DATE**

Revision Date. The date of the current revision of the form.

- **RESP**

Responsible. The company that is responsible for the task.

- **SUBSYS**

Subsystem. The subsystem of the IISS that this task relates to. These are currently CDM, NTM, UI/VTI, COMM, and SYS (for system related tasks). Other subsystems may be used as they have meaning.

- **SSGRP**

Subsystem group. This is a group of functionality within a subsystem that has meaning to the developer. It can be treated as a subsubsystem.

- **SYS REL**

System Release. This is the IISS release number that the output of the task is targeted for.

- **SCD NO**

SCD Task Number. This is the task number assigned by the developer. The number is a 5 digit number with the first number associated with the developer and the next four being arbitrary as assigned by the developer. Any intelligence coded in the remaining numbers are at the discretion of the developer. The first digit assignments are:

0-unassigned

1-Hughes

2-Boeing

3-SDRC

4-CDC

5-McAuto

6-GE

7-DACOM

8-9-unassigned

The same blocks of numbers are used as in the TCD, but any relation between the rest of the number with the TCD numbers is at the descretion of the developer.

- **TITLE**

Meaningful title for the task.

- **DESCRIPTION**

A general description of the task. This should relate to the end functionality or task as viewed by the user of the system, or as viewed from users of the subsystem or task. More detailed descriptions would be found by referring to the TCD for descriptions of each TCD item that was contained in the SCD task.

- **CONTAINS**

A list of the TCD items that are contained in this SCD task. This should contain the TCD Number and the Title. Any SCD task should refer to at least one TCD item.

- **DEPENDS UPON**

A list of the items that must be completed before this task can begin. The dependencies can be TCD items, which would begin with a T, or SCD tasks which should begin with an S. TCD items should be used only if the corresponding SCD tasks are not yet known. In addition for SCD items, the LC-ID (Life Cycle ID) can be specified to indicate which of the Life Cycle steps involved in a task are needed. If nothing is specified, the DS will be assumed for implementation tasks, and TST AREA will be assumed for code that is needed.

TITLE is the title of the TCD item or SCD task.

SCHED NEED is the date on which the input is needed.

EST ACTUAL is the estimated actual date that the input will be available. This is obtained from the SCHED, RV EST, or ACTUAL columns in the Life Cycle Schedule for the SCD Task. This may be filled in by the developer, or by GE as the overall schedule coordinator.

ST is the status of the input. Use "C" to indicate complete and that it is available. This will be the same as the ST field in the input SCD form for the appropriate life cycle step.

- **DEPENDENT UPON BY: (SCD NO/NEED DATE)**

This is a list of the "forward dependencies". That is, the tasks that directly depend on this task along with the date on which the inputs are needed. The form is NNNNN-LLLLLLLL/YMMDD for each task. These forward dependencies may be entered by the developers if they are known, especially for those tasks by the same developer, otherwise they will be entered by the SCD coordinator. Each entry consists of the SCD number (NNNNN), followed by the Life Cycle ID (LLLLLLLL) separated by a dash, and then the date in YearMonthDay format, with a slash between the Life Cycle ID and the date.

- **LIFE CYCLE SCHEDULE**

This is a schedule of the various life cycle events and tasks that can be involved in a task. The columns are for schedule dates and status as follows:

SCHED

The original schedule date for the particular event.

RV EST

Latest revised estimate for the schedule date.

ACTUAL

Actual date on which event is completed.

ST

Completion status for the event. The following codes are defined for use (others may be defined later):

C - Complete. This should be used even if something has been completed in the past and the completion date is not known, nor important for the current tasks.

X - Not applicable.

R - Required but not yet scheduled. This is a reminder of work to be done.

? - Not yet known whether the item is required.

All dates are entered in a compact YearMonthDay (YYMMDD) format without any separators.

● **LC-ID LIFE CYCLE ID**

This column contains the life cycle events that may be scheduled. They occur approximately in the order in which they should be accomplished. Use only the events that are applicable. If a SCHED is not entered, this indicates that the event is either not applicable, or is not scheduled. The Life Cycle events are defined as follows:

SRD - System Requirements Document

SDS - System Design Specification

SDR - System Design Review

DS_DFT - Draft of Development Specification

In most cases, the detailed design can be started from the draft specification rather than wait for the formal DS to be issued.

STP - System Test Plan

SCD620122000
1 November 1985

PDR - Preliminary Design Review

DS - Development Specification

DBS - Database Specification

PS_DFT Draft of Product Specification

UTP - Unit Test Plan

CDR - Critical Design Review

PS - Product Specification

CODE_ST - Start of Coding

CODE_END - End of Coding

UNIT_TST - Unit Test Completion

UTR - Unit Test Report

FCA - Functional Configuration Audit on the module

INT_TST - Integration Testing Complete

REL_GE - Release the code to GE Complete

RSK_AREA - Placement of the code in a High Risk area that is accessible to other developers before the code has been through official release and test by GE. This allows development to proceed faster, but at a higher risk for developers who use the code.

OK_BY_GE - Code has been tested and okayed by GE for release.

RELEASE - Release of the code by GE from Configuration Management. This is when a tape is available of the released code.

IFA - Integrated Functional Audit

STR - System Test Report

SCD620122000
1 November 1985

TST_AREA - Establishment of the released code in a test area that is accessible to system developers.

GEN_AREA - Establishment of the released code in the general access area that is accessible to general users (not limited to developers).

PCA - Physical Configuration Audit.

● **MANUALS**

These are the user and operator manuals that may have to be updated or written for the function.

UM - User's Manual

SUM - System User's Manual

OM - Operator's Manual

DBM - Database Manual

SCD620122000
1 November 1985

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: _____
REV. NO: _____
REV DATE: _____
RESP: _____
SUBSYS: _____
SSGRP: _____
SYS REL: _____

SCD NO: _____ TITLE: _____

DESCRIPTION: _____

CONTAINS:

TCD#	TITLE
_____	_____
_____	_____

DEPENDS UPON:

S/TCD #	LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

DEPENDENT UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE						MANUALS					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	_____	_____	_____	_____	_____	FCA	_____	_____	_____	_____	_____
SDS	_____	_____	_____	_____	_____	INT_TST	_____	_____	_____	_____	_____
SDR	_____	_____	_____	_____	_____	REL_GE	_____	_____	_____	_____	_____
DS_DFT	_____	_____	_____	_____	_____	RSK_AREA	_____	_____	_____	_____	_____
STP	_____	_____	_____	_____	_____	OK_BY_GE	_____	_____	_____	_____	_____
PDR	_____	_____	_____	_____	_____	RELEASE	_____	_____	_____	_____	_____
DS	_____	_____	_____	_____	_____	IFA	_____	_____	_____	_____	_____
DBS	_____	_____	_____	_____	_____	STR	_____	_____	_____	_____	_____
PS_DFT	_____	_____	_____	_____	_____	TST_AREA	_____	_____	_____	_____	_____
UTP	_____	_____	_____	_____	_____	GEN_AREA	_____	_____	_____	_____	_____
CDR	_____	_____	_____	_____	_____	PCA	_____	_____	_____	_____	_____
PS	_____	_____	_____	_____	_____		_____	_____	_____	_____	_____
CODE_ST	_____	_____	_____	_____	_____		_____	_____	_____	_____	_____
CODE_END	_____	_____	_____	_____	_____	UM	_____	_____	_____	_____	_____
UNIT_TST	_____	_____	_____	_____	_____	SUM	_____	_____	_____	_____	_____
UTR	_____	_____	_____	_____	_____	OM	_____	_____	_____	_____	_____
ST-Status	_____	_____	_____	_____	_____	DBM	_____	_____	_____	_____	_____

C-Complete R-Req'd X-Not Appli. ?-Unknown

Figure 3-1. Sample SCD Form

1 November 1985

3.2 Boeing Military Aircraft Corporation (BMAC) Schedule
Control Document

Following is a summary of the SCD items for the IBM that are scheduled for each release:

<u>Release</u>	<u>SCD Item</u>	<u>Description</u>
1.7	20100	IBM Node Release 1
1.7	20200	IBM Node Release 2
1.7	20410	IBM Node Release 4.1
1.8	20300	IBM Node Release 3
1.8	20430	IBM Node Release 4.3
1.8	20440	IBM Node Release 4.4
1.8	20450	IBM Node Release 4.5
-	20400	IBM Node Release 4.0
-	20420	IBM Node Release 4.2

1 November 1985

ORG DATE: 840627

REV.NO: 3

REV DATE: 851031

RESP: bmac

SUBSYS: NTM

SSGRP: IBM node

SYS REL: 1.7

ICAM/IISS SCHEDULE CONTROL DOCUMENT

SCD NO: 20100

TITLE: IBM Node Release 1

DESCRIPTION: Release 1.0 consists of the NTM Monitor, NTM MPU(s), and the NTM AP services on the IBM node of the testbed. Communication with the IISS system on the IBM will be through the NTM Monitor only.

CONTAINS:

TCD#	TITLE
21210	NTM Monitor
21220	NTM MPU
21230	NTM Application Services
21250	IBM IPC Primitives
21260	Error Log Facilities
21320	NTM Internal Table Routines
21339	Detail Design on IISS Primitive Enhancements
21332	IISS NTM TSO Console Primitives
21360	Develop Dynamic File Allocation Interface
21812	Develop Project Master Plan
21814	Preliminary Design Review
21816	Critical Design Review

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S60120-Release	IISS Release 1.2	840710		C

DEPENDED UPON BY: (SCD NO/NEED)

S20300-_____/840702	S20400-_____/841031	S20200-_____/840702	S20410-_____/840801
S20420-_____/840801	S41400-_____/841030	S60120-_____/841030	
S60170-_____/_____			

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	840720	850315			
SDR						REL_GE	840803	850315			
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST	840613				C	MANUALS					
CODE_END	840711			841217	C	UM					
UNIT_TST	840711			841219	C	SUM					
UTR						OM					
ST-Status						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

1 November 1985

ORG DATE: 840627

REV.NO: 3

REV DATE: 851031

RESP: bmac

SUBSYS:

SSGRP: IBM node

SYS REL: 1.7

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

SCD NO: 20200 TITLE: IBM node release 2.0

DESCRIPTION: Release 2.0 includes the COMM program for communications between the VAX and IBM node and the CDMP File send/receive application process on the IBM. Communication in Release 2.0 will be through the IBM NTM Monitor and any VAX IISS terminal.

CONTAINS:

TCD#	TITLE
21280	Change VTAM Tables
21270	COMM Programs
21290	IBM IHC Primitives
21310	Message Log Facilities
21342	Performance and Analysis Monitoring
21630	Rehost SEND/RECEIVE Utilities
21730	IBM Testbed Problem Resolution

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
SCD 20100	Release 1.0 of IBM node	840702		

DEPENDED UPON BY: (SCD NO/NEED DATE)

S20430-	/841101	S33010-	/840915	S20400-	/841031
S41300-	/840903	S60170-	/		

CYCLE SCHEDULE											
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	840716	840913			
SDR						REL_GE	840806	840920			
DS_DFT						RSK_AREA					
STP						OK_BY GE					
PDR						RELEASE					
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS	840806										
CODE_ST	840613	840711				MANUALS					
CODE_END	840711	840810	841217		C	UM	840806				
UNIT_TST	840711	840830	841219		C	SUM					
UTR						OM					
ST-Status	Date=yyymmdd				DBM						
C-Complete R-Req'd X-Not Appli. ?-Unknown											

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840627
REV.NO: 3
REV DATE: 851031
RESP: bmac
SUBSYS:
SSGRP: IBM node
SYS REL: 1.8

SCD NO: 20300 TITLE: IBM node release 3.0

DESCRIPTION: Release 3.0 of the IBM node of the Testbed will include the User Interface rehosted on the IBM, the 3270 VTI and device driver. Upon completion of release 3.0 of the IBM node of the testbed, the user will be able to execute applications on the IBM from an IBM 3270 terminal, and depending on the status of release 2.0, also execute application processes on the VAX.

CONTAINS:

TCD#	TITLE
21370	Resize Various Fields to Support IBM
21382	Rehost UI on BCS IBM (???)
21383	Develop and Test VTI for 3270 Terminals (?)

DEPENDS UPON: S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
SCD 20100	IBM node release 1.0	840702	-----	--
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---

DEPENDENT UPON BY: (SCD NO/NEED DATE)	S20400- /841031
S20430- /841101	---
---	---
---	---

LIFE CYCLE SCHEDULE					SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	840919	841019			
SDR						REL_GE	841019	841022			
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR	840616	840625			C	RELEASE					
DS	840820				C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR	840820	840821				PCA					
PS	840820										
CODE_ST	840613				C	MANUALS					
CODE_END	840905		841107		C	UM	841019				
UNIT_TST	840830	840906	850415			SUM					
UTR						OM					
ST-Status		Date=yymmdd				DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

**ICAM/IISS
SCHEDULE CONTROL DOCUMENT**

ORG DATE: 840627
REV.NO: 2
REV DATE: 851031
RESP: bmac
SUBSYS:
SSGRP: IBM
SYS REL: ?

SCD NO: 20400 TITLE: IBM Node Release 4.0

DESCRIPTION: Release 4.0 of the IBM node of the testbed will include the integration testing of releases 4.1, 4.2, 4.3, 4.4, and 4.5, and provides a functional IBM IISS node. Release 4.0 will include the CICS interface, IMS/DC interface, CDMF aggregator/DRS, and log analysis routines for resource accounting and performance.

CONTAINS:

TCD#	TITLE
scd-20410	IBM Node Release 4.1
scd-20420	IBM Node Release 4.2
scd-20430	IBM Node Release 4.3
scd-20440	IBM Node Release 4.4
21930	Product End

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
SCD 20100	IBM Node Release 1.0	841031	_____	___
SCD 20200	IBM Node Release 2.0	841031	_____	___
SCD 20300	IBM Node Release 3.0	841031	_____	___

DEPENDED UPON BY: (SCD NO/NEED DATE)

_____ - _____ / _____ - _____ / _____
_____ - _____ / _____ - _____ / _____
_____ - _____ / _____ - _____ / _____

LIFE CYCLE SCHEDULE											
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	_____	_____	_____	_____	___	FCA	_____	_____	_____	_____	___
SDS	_____	_____	_____	_____	___	INT_TST	841126	850115	_____	_____	___
SDR	_____	_____	_____	_____	___	REL_GE	841230	850122	_____	_____	___
DS_DFT	_____	_____	_____	_____	___	RSK_AREA	_____	_____	_____	_____	___
STP	_____	_____	_____	_____	___	OK_BY_GE	_____	_____	_____	_____	___
PDR	_____	_____	_____	_____	___	RELEASE	_____	_____	_____	_____	___
DS	_____	_____	_____	_____	___	IFA	_____	_____	_____	_____	___
DBS	_____	_____	_____	_____	___	STR	_____	_____	_____	_____	___
PS_DFT	_____	_____	_____	_____	___	TST_AREA	_____	_____	_____	_____	___
UTP	_____	_____	_____	_____	___	GEN_AREA	_____	_____	_____	_____	___
CDR	_____	_____	_____	_____	___	PCA	_____	_____	_____	_____	___
PS	_____	_____	_____	_____	___		_____	_____	_____	_____	___
CODE_ST	_____	_____	_____	_____	___	MANUALS	_____	_____	_____	_____	___
CODE_END	_____	_____	_____	_____	___	UM	_____	_____	_____	_____	___
UNIT_TST	_____	_____	_____	_____	___	SUM	_____	_____	_____	_____	___
UTR	_____	_____	_____	_____	___	OM	_____	_____	_____	_____	___
ST-Status	_____	_____	_____	_____	___	DBM	_____	_____	_____	_____	___

C-Complete R-Req'd X-Not Appli. ?-Unknown

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840627
REV.NO: 3
REV DATE: 851031
RESP: bmac
SUBSYS:
SSGRP: IBM node
SYS REL: 1.7

SCD NO: 20410 TITLE: IBM Node Release 4.1

DESCRIPTION: Release 4.1 includes the CICS Interface Application. With the CICS interface application, an IISS UI user, or IISS AP will be able to send messages to and receive messages from a CICS Application program such as PIOS. All message input and output will be translated between the IISS neutral format to the CICS 3270 format.

CONTAINS:

TCD#	TITLE
21451	CICS Application Program
21461	Develop LUOP Interface Routines
21453	SIGNON/SIGNOFF Processing
21455	CICS Error Recovery Processing
21452	Unsolicited Messages
21456	CICS 3270 Protocol Recognition
21454	CICS Session Termination Logic
21462	Update VTAM and CICS Routines

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
SCD 20100	IBM Node Release 1.0	840801		

DEPENDED UPON BY: (SCD NO/NEED DATE)

SCD NO/NEED DATE	SCD NO/NEED DATE	SCD NO/NEED DATE

LIFE CYCLE SCHEDULE					LIFE CYCLE SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841026	850101			
SDR						REL_GE	841231	850122			
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS	840918	840925				IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS	841020										
CODE_ST	840629	840827				MANUALS					
CODE_END	841003	841008	850311		C	UM	841231				
UNIT_TST	840810	850410				SUM					
UTR						OM	841231				
ST-Status		Date=yyymmdd				DBM					
C-Complete R-Req'd X-Not Appli. ?-Unknown											

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840627
REV.NO: 3
REV DATE: 851031
RESP: bmac
SUBSYS:
SSGRP: IBM node
SYS REL: -

SCD NO: 20420 TITLE: IBM Node Release 4.2

DESCRIPTION: Release 4.2 includes the IMS/DC Interface Application. With the IMS/DC interface application, the IISS UI user, or IISS AP will be able to send messages to and receive messages from an IMS/DC Application program such as PIOS. All message input and output will be translated between the IISS neutral format to the IMS/DC 3270 format.

CONTAINS:

TCD#	TITLE
21510	Rehost CICS COMM Processor to Support IMC/DC
21521	IMS/DC Application Program
21523	SIGNON/SIGNOFF Processing
21524	IMS/DC Session Termination Logic
21525	IMS/DC Error Recovery Processing
21526	IMS/DC 3270 Protocol Recognition

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
SCD 20100	IBM Node Release 1.0	840801		

DEPENDED UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841122	850108			
SDR						REL_GE	841231	850122			
DS_DFT						RSK_AREA					
STP						OK_BY GE					
PDR						RELEASE					
DS	841020					IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS	841120										
CODE_ST	840921	841008				MANUALS					
CODE_END	841023	841107				UM	841231				
UNIT_TST	841023	841207				SUM					
						OM	841231				
						DBM					

ST-Status Date=yyymmdd

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840627
REV.NO: 3
REV DATE: 851031
RESP: bmac
SUBSYS:
SSGRP: IBM
SYS REL: 1.8

SCD NO: 20430 TITLE: IBM Node Release 4.3

DESCRIPTION: Release 4.3 includes the IISS resource accounting function. With resource accounting, the IISS system will track available IBM resources and log them to an IISS log as appropriate. This functionality will support IISS resource accounting for IISS Billing in ISMC, as well as the performance monitoring of IISS.

CONTAINS:

TCD#	TITLE
21350	Programs to Process Message Log for Accounting

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
scd-20100	IBM Node 1.0	841101		
scd-20200	IBM Node 2.0	841101		
scd-20300	IBM Node 3.0	841101		

DEPENDED UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE					MANUALS				
LC-ID	SCHED	RV	EST	ACTUAL ST	LC ID	SCHED	RV	EST	ACTUAL ST
SRD					FCA				
SDS					INT_TST	841201	850115		
SDR					REL_GE	841231	850122		
DS_DFT					RSK_AREA				
STP					OK_BY_GE				
PDR	840829	840919			RELEASE				
DS	840822	840919			IFA				
DBS	840920				STR				
PS_DFT					TST_AREA				
UTP					GEN_AREA				
CDR	841012	841102			PCA				
PS									
CODE_ST	841010	841102							
CODE_END	841115	841204	841115		UM	841231			
UNIT_TST	841115	841218	841129		SUM				
UTR					OM	841231			
ST-Status		Date=yymmdd			DBM				
C-Complete	R-Req'd	X-Not Appli.	?-Unknown						

ORG DATE: 840627
REV.NO: 3
REV DATE: 851031
RESP: bmac
SUBSYS:
SSGRP: IBM Mode
SYS REL: 1.8

DESCRIPTION: Release 4.4 includes the rehoused IISS log analysis routines being developed under a separate activity. The IISS log analysis routines will use existing COBOL routines where available and 4GL facilities where data retrieve was used.

TITLE

ST

srđ 50310	NTM Log Analysis & RPT Util.	840901		
-				
-				
-				
-				
-				

$$\frac{\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}}{\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}} = \frac{1}{1} = 1$$
[illegible]

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840627
 REV.NO: 3
 REV DATE: 851031
 RESP: bmac
 SUBSYS:
 SSGRP: IBM node
 SYS REL: -

SCD NO: 20450 TITLE: IBM Node Release 4.5

DESCRIPTION: Release 4.5 will include the CDMP DRS and aggregator on the IBM node of the testbed. With release 4.5, an IISS user should be able to run IISS APs on the IBM, and if the data bases also exist on the IBM, do all CDMP run time processing without the VAX node being utilized for CDMP DRS, Aggregator, or File Send/Receive processing.

CONTAINS:

TCD#	TITLE	
21620	Rehost Aggregator	(Note: DRS & Aggregator not unit
21610	Rehost DRS	tested but returned to CDC for
		inclusion in Rel 2.0 - 6/28/84)

DEPENDS UPON:		SCHED	EST	ST
S/TCD # LC-ID	TITLE	NEED	ACTUAL	
S60120-Release	IISS Release 1.2	840710		C
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE											
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841031	841107			
SDR						REL_GE	841231	850122			
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST	840801					MANUALS					
CODE_END	840919					UM					
UNIT_TST	840920	841031				SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					
C-Complete	R-Req'd	X-Not	Appli.	?	Unknown						

1 November 1985

3.3 Structural Dynamics Research Corporation (SDRC) Schedule Control Document

Following is a summary of the User Interface SCD items in each system release.

<u>Release</u>	<u>SCD Item</u>	<u>Description</u>
1.2	31110	Message monitor
1.3	31210	Terminal within a terminal
1.3	31310	Paging and scrolling
1.3	32110	Forms language compiler
1.6	32120	Forms driven form editor
1.6	31220	Graphics pass-thru
1.6	31330	Text editor
1.6	31320	Multiple message display
1.6	33010	Port FPAI to the IBM
1.8	31120	Window manager & internally bound APs
1.8	34020	RCL Support
2.0	31335	Rapid Application Generator
2.0	31510	User controlled screen management
2.0	31130	Control logical device sharing
2.0	31230	Graphics device driver
2.0	32130	FE graphics enhancements
2.0	32210	Basic report writer
2.0	32220	RW graphics enhancements
2.0	32230	Form placement on reports
2.0	34010	AP Definition Support
2.0	35010	CDM integration

1 November 1985

ORG DATE: 840815

REV.NO: 3

REV DATE: 851031

RESP: SDRG

SUBSYS: UI

SSGRP: UIM

SYS REL: 1.2

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

SCD NO: 31110 TITLE: Phase 1 - User Interface Monitor

DESCRIPTION: Additional message handling in the UI monitor to
accommodate the NTM SIGERR routine

CONTAINS:

TCD#	TITLE
31121	Monitor for NTM Messages

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDED UPON BY: (SCD NO/NEED DATE)

SCD NO	NEED DATE
-	-
-	-
-	-

LIFE CYCLE SCHEDULE						MANUALS					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE				840300	C
DS_DFT						RSK_AREA					
STP				840500	C	OK_BY_GE				840715	C
PDR				840500	C	RELEASE				840715	C
DS	840813				C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP				840621	C	GEN_AREA				840715	C
CDR				840621	C	PCA					
PS				840716	C						
CODE_ST											
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					
C-Complete	R-Req'd	X-Not	Appli.	?	Unknown						

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: VTI
SYS REL: 1.3

SCD NO: 31210 TITLE: Phase 1 - Virtual Terminal Interface

DESCRIPTION: Terminal within a terminal

CONTAINS:

TCD# TITLE
31212 Terminal Within a Terminal

DEPENDS UPON: S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60130- /

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	840731			840802	C
SDR						REL_GE	840807			840900	C
DS_DFT						RSK_AREA					
STP				840500	C	OK_BY_GE				840915	C
PDR				840500	C	RELEASE				840915	C
DS	840813					IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP				840621	C	GEN_AREA				840915	C
CDR				840621	C	PCA					
PS				840716	C						
CODE_ST						MANUALS					
CODE_END						UM	840813			840915	C
UNIT_TST						SUM					
UTR						OM					
ST-Status Date=yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: FP
SYS REL: 1.3

SCD NO: 31310 TITLE: Phase 1 - Form Processor

DESCRIPTION: Paging and scrolling

CONTAINS:

TCD# TITLE
31305 Paging and Scrolling

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60130- /
- /
- /

LIFE CYCLE SCHEDULE											
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	840731			840802	C
SDR						REL_GE	840807			840900	C
DS_DFT						RSK_AREA					
STP				840500	C	OK_BY_GE				840915	C
PDR				840500	C	RELEASE				840915	C
DS	840813				C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP				840621	C	GEN_AREA				840915	C
CDR				840621	C	PCA					
PS				840716	C						
CODE_ST						MANUALS					
CODE_END						UM	840813			840915	C
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851015
RESP: SDRG
SUBSYS: UI
SSGRP: FP
SYS REL: 1.6

SCD NO: 31330 TITLE: Phase 2 - Form Processor

DESCRIPTION: A text editor which is used to edit areas on forms is part of these form processor enhancements.

CONTAINS:

TCD# TITLE
31307 Text Editor

DEPENDS UPON:		TITLE	SCHED NEED	EST ACTUAL	ST
S/TCD #	LC-ID				
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDED UPON BY: (SCD NO/NEED DATE)

535010-	/	570042-	/	S32210-	/
-	/	-	/	S606160-	/
-	/	-	/	-	/

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS_DFT					
STP					
PDR					
DS	841031				C
DBS					
PS_DFT					
UTP					
CDR					
PS	841114				C
CODE_ST					
CODE_END					
UNIT_TST					
UTR					
ST-Status Date=yyymmdd					
C-Complete R-Req'd X-Not Appli. ?-Unknown					

MANUALS					
LC ID	SCHED	RV	EST	ACTUAL	ST
FCA					
INT_TST	841017				
REL_GE	841031			841130	C
RSK_AREA					
OK_BY_GE				850228	C
RELEASE				850228	C
IFA					
STR					
TST_AREA					
GEN_AREA				850228	C
PCA					
MANUALS					
UM	841031			850228	C
SUM					
OM					
DBM					

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRG
SUBSYS: UI
SSGRP: FE
SYS REL: 1.3

SCD NO: 32110 TITLE: Phase 1 - Form Editor

DESCRIPTION: Form definition language and compiler

CONTAINS:

TCD#	TITLE
32111	Form Definition Language Syntax
32112	Form Definition Language Compiler
32113	Backwards Compiler

DEPENDS UPON:

S/TCD # LC-ID

TITLE

SCHED
NEEDEST
ACTUAL

ST

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60130-

S32120-

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	840731			840802	C
SDR						REL_GE	840807			840900	C
DS DFT						RSK_AREA					
STP				840500	C	OK_BY GE				840915	C
PDR				840500	C	RELEASE				840915	C
DS	840813				C	IFA					
DBS						STR					
PS DFT						TST_AREA					
UTP				840621	C	GEN_AREA				840915	C
CDR				840621	C	PCA					
PS				840716	C						
CODE ST						MANUALS					
CODE_END						UM	840813			840915	C
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date-yymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: FE
SYS REL: 1.6

SCD NO: 32120 TITLE: Phase 2 - Form Editor

DESCRIPTION: Forms driven form editor

CONTAINS:

TCD#	TITLE
32121	Forms Driven Form Editor
32122	Forms Driven FE Written in Forms Definition Language

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
s/32110	Phase 1 -Form Editor	840731		
-				
-				
-				
-				

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60160-	S32130-
-	-
-	-

LIFE CYCLE SCHEDULE

LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841017				
SDR						REL_GE	841031			841100	C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850228	C
PDR						RELEASE				850228	C
DS	841031				C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				850228	C
CDR						PCA					
PS	841114				C						
CODE_ST						MANUALS					
CODE_END						UM	841031			850228	C
UNIT_TST						SUM					
UTR						OM					
ST-Status Date-yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRG
SUBSYS: UI
SSGRP: VTI
SYS REL: 1.6

SCD NO: 31220 TITLE: Phase 2 - Virtual Terminal Interface

DESCRIPTION: Graphics pass-thru

CONTAINS:

TCD#	TITLE
31221	Graphics Pass-Thru
32301	FPAI Extensions for 31221

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60160- /

LIFE CYCLE SCHEDULE						SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841017				
SDR						REL_GE	841031			841100	C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850228	C
PDR						RELEASE				850228	C
DS	841031				C	IFA					
DBS						STR					
PS_DFT						TST_AREA				850228	C
UTP						GEN_AREA					
CDR						PCA					
PS	841114				C						
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					
C-Complete	R-Req'd	X-Not	Appli.	?	Unknown						

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRG
SUBSYS: UI
SSGRP: ENV
SYS REL: 1.6

SCD NO: 33010 TITLE: Phase 2 - NTM Environments

DESCRIPTION: Port FPAI to the IBM

CONTAINS:

TCD# TITLE
33301 NTM Environment

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
-	NTM on IBM	840915		
-				
-				
-				

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60160-_____/_____
_____-_____/_____
_____-_____/_____

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841017				
SDR						REL_GE	841031			841100	C
DS DFT						RSK_AREA					
STP						OK_BY GE				850228	C
PDR						RELEASE				850228	C
DS						IFA					
DBS						STR					
PS DFT						TST_AREA					
UTP						GEN_AREA				850228	C
CDR						PCA					
PS											
CODE ST						MANUALS					
CODE END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status Date-yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRG
SUBSYS: UI
SSGRP: FP
SYS REL: 1.6

SCD NO: 31320 TITLE: Multiple Message Display

DESCRIPTION: Enhancement fo FP messaging capability

CONTAINS:

TCD# TITLE
31573 Multiple Message Display Capability

DEPENDS UPON:	TITLE	SCHED	EST	ST
S/TCD # LC-ID		NEED	ACTUAL	
-				
-				
-				
-				
-				

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60160- /
- /
- /

LC-ID	SCHED	RV	EST	LIFE CYCLE	ACTUAL	ST	SCHEDULE	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD							FCA						
SDS							INT_TST	841017					
SDR							REL_GE	841031				841100	C
DS_DFT							RSK_AREA						
STP							OK BY GE					850228	C
PDR							RELEASE					850228	C
DS							IFA						
DBS							STR						
PS_DFT							TST_AREA						
UTP							GEN_AREA					850228	C
CDR							PCA						
PS													
CODE_ST							MANUALS						
CODE_END							UM						
UNIT_TST							SUM						
UTR							OM						
ST-Status							DBM						
Date-yyymmdd													

C-Complete R-Req'd X-Not Appli. ?-Unknown

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840917
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: FP
SYS REL: 2.0

SCD NO: 31335 TITLE: Rapid Application Generator

DESCRIPTION: _____

CONTAINS:

TCD# TITLE
31303 Condition Evaluation and Triggered Action

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60200-_____/_____-_____/_____
_____-_____/_____-_____/_____
_____-_____/_____-_____/_____S35010-_____/_____-_____/_____
_____-_____/_____-_____/_____
_____-_____/_____-_____/_____

LIFE CYCLE SCHEDULE					LIFE CYCLE SCHEDULE				
LC-ID	SCHED	RV	EST	ACTUAL ST	LC ID	SCHED	RV	EST	ACTUAL ST
SRD	---	---	---	---	FCA	---	---	---	---
SDS	---	---	---	---	INT_TST	850117	---	---	C
SDR	---	---	---	---	REL_GE	850131	850401	---	C
DS_DFT	---	---	---	---	RSK_AREA	---	---	---	---
STP	---	---	---	---	OK_BY GE	---	---	850731	C
PDR	---	---	---	---	RELEASE	---	---	850731	C
DS	---	---	---	---	IFA	---	---	---	---
DBS	---	---	---	---	STR	---	---	---	---
PS_DFT	---	---	---	---	TST_AREA	---	---	---	---
UTP	---	---	---	---	GEN_AREA	---	---	850731	C
CDR	---	---	---	---	PCA	---	---	---	---
PS	---	---	---	---	---	---	---	---	---
CODE_ST	---	---	---	---	MANUALS	---	---	---	---
CODE_END	---	---	---	---	UM	---	---	850915	C
UNIT_TST	---	---	---	---	SUM	---	---	---	---
UTR	---	---	---	---	OM	---	---	---	---
ST-Status Date=yyymmdd	---	---	---	---	DBM	---	---	---	---

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: UIM
SYS REL: 1.8

SCD NO: 31120 TITLE: Phase 2 - User Interface Monitor

DESCRIPTION: Window manager and internally bound AP's

CONTAINS:

TCD#	TITLE
31111	Multiple Logical Devices (-> 1 Physical Device
31112	1 Logical Device (-> Multiple Physical Devices
31113	Multiple Logical Devices (-> Multiple Physical Devices
31114	31113 for Multiple Users
31122	Internally Bound AP's
33303	FPAI Extensions for 31122

DEPENDS UPON:	SCHED	EST	ST
S/TCD # LC-ID TITLE	NEED	ACTUAL	

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60180-

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS_DFT					
STP					
PDR					
DS	841031				
DBS					
PS_DFT					
UTP					
CDR					
PS	841114				
CODE_ST					
CODE_END					
UNIT_TST					
UTR					
ST-Status	Date=yyymmdd				
C-Complete	R-Req'd	X-Not Appli.	?-Unknown		

LC ID	SCHED	RV	EST	ACTUAL	ST
FCA					
INT_TST	841017	850117			
REL_GE	841031	850401			C
RSK_AREA					
OK_BY_GE				850501	C
RELEASE				850501	C
IFA					
STR					
TST_AREA					
GEN_AREA				850501	C
PCA					
MANUALS					
UM	850131			850501	C
SUM					
OM					
DBM					

ORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRG
SUBSYS: UI
SSGRP: UIS
SYS REL: 2.0

DESCRIPTION: User-controlled scene management

TCD#	TITLE
31561	User control over logical to physical device mappings
31562	User-controlled screen management

ST

S60200-_____/_____
_____-_____/_____
_____-_____/_____

		LIFE CYCLE				SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	850117				C
SDR						REL_GE	850131	850401			C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850731	C
PDR						RELEASE				850731	C
DS	850131				C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				850731	C
CDR						PCA					
PS	850214				C						
CODE_ST						MANUALS					
CODE_END						UM	850131			850731	C
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					
C-Complete R-Req'd X-Not Appli. ?-Unknown											

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: RW
SYS REL: 2.0

SCD NO: 32210 TITLE: Phase 2 - Report Writer

DESCRIPTION: Basic report writer

CONTAINS:

TCD#	TITLE
32211	Report Writer - Sorting
32212	Report Writer - Page Headers
32213	Report Writer - Page Footers
32214	Report Writer - Page Breaks

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S31330	Cond. Eval. & Triggers	841001		
S41200	NDML Order by Clause			
S35010	Means to Map External Schemes to Forms			

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S48670-	/	-	/	S32220-	/
-	/	-	/	-	/

LIFE CYCLE SCHEDULE											
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841017	850117			
SDR						REL_GE	841031	850401			C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850731	C
PDR						RELEASE				850731	C
DS	841031					IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				850731	C
CDR						PCA					
PS	841114										
CODE_ST						MANUALS					
CODE_END						UM	841031			850731	C
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: SUP
SYS REL: 1.8

SCD NO: 34020 TITLE: RCL Support

DESCRIPTION: Support for remote compile and link interface

CONTAINS:

TCD#	TITLE
35301	Support for Remote Compile and Link Interface

DEPENDS UPON:	TITLE	SCHED NEED	EST ACTUAL	ST
S/TCD # LC-ID				
550331-Release	Remote Compile & Link	841015	850731	_C

DEPENDED UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE					SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841201	850117			
SDR						REL_GE	841231	850401			
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status Date-yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: SUP
SYS REL: 2.0

SCD NO: 34010 TITLE: AP Definition Support

DESCRIPTION: Support for defining tools to maintain AP definition data

CONTAINS:
TCD#

TITLE

DEPENDS UPON:	SCHED	EST	ST
S/TCD # LC-ID TITLE	NEED	ACTUAL	
50320 -Release NTM Tools - System Data	840801	850501	C
-	-	-	-
-	-	-	-
-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60200- /
- /
- /

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS_DFT					
STP					
PDR					
DS					
DBS					
PS_DFT					
UTP					
CDR					
PS					
CODE_ST					
CODE_END					
UNIT_TST					
UTR					
ST-Status Date-yyymmdd					
C-Complete R-Req'd X-Not Appli. ?-Unknown					

MANUALS					
LC ID	SCHED	RV	EST	ACTUAL	ST
FCA				850117	C
INT_TST	840903			850401	C
REL_GE					C
RSK_AREA					
OK_BY_GE				850731	C
RELEASE				850731	C
IFA					
STR					
TST_AREA					
GEN_AREA				850731	C
PCA					
UM					
SUM					
OM					
DBM					

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: UIM
SYS REL: 2.0

SCD NO: 31130 TITLE: Phase 3 - User Interface Monitor

DESCRIPTION: Control logical device sharing

CONTAINS:

TCD#	TITLE
31131	Cooperation Strategies
31132	Change Posting
31133	Queued Requests

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60200- /
- /
- /

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS DFT					
STP					
PDR					
DS	850131				C
DBS					
PS DFT					
UTP					
CDR					
PS	850214				C
CODE ST					
CODE END					
UNIT TST					
UTR					
ST-Status Date=yyymmdd					
C-Complete R-Req'd X-Not Appli. ?=Unknown					

MANUALS					
LC ID	SCHED	RV	EST	ACTUAL	ST
FCA					
INT_TST	850117	850412			C
REL_GE	850131	850515			C
RSK_AREA					
OK_BY_GE				850731	C
RELEASE				850731	C
IFA					
STR					
TST_AREA					
GEN_AREA				850731	C
PCA					
MANUALS					
UM	850131			850731	C
SUM					
OM					
DEM					

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRG
SUBSYS: UI
SSGRP: VTI
SYS REL: 2.0

SCD NO: 31230 TITLE: Phase 3 - Virtual Terminal Interface

DESCRIPTION: Graphics device driver

CONTAINS:

TCD#	TITLE
31213	Graphics Device

DEPENDS UPON:

S/TCD #	LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60200- / /

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS_DFT					
STP					
PDR					
DS					
DBS					
PS_DFT					
UTP					
CDR					
PS					
CODE_ST					
CODE_END					
UNIT_TST					
UTR					
ST-Status	Date=yyymmdd				
C-Complete	R-Req'd	X-Not Appli.	?-Unknown		

MANUALS

UM
SUM
OM
DBM

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: FE
SYS REL: 2.0

SCD NO: 32130 TITLE: Phase 3 - Form Editor

DESCRIPTION: Form editor graphics enhancements (partial capability)

CONTAINS:

TCD#	TITLE
32131	Line Drawing
32132	Fixed Line Sizes
32133	Stretchy Lines
32134	Graphic Symbol Generation and Placement
32135	Graphic Menu Picking
32136	Dividing Objects into Parts

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
s/32120	Phase 2 - Form Editor	841031		
-	-	-	-	-
-	-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60200-	S32120-
-	-
-	-

LC-ID	SCHED	RV	EST	ACTUAL	ST	LIFE CYCLE	SCHEDULE	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD							FCA						
SDS							INT_TST	850117	850412				C
SDR							REL_GE	850131	850515				C
DS_DFT							RSK_AREA						
STP							OK_BY_GE				850731		C
PDR							RELEASE				850731		C
DS	850131				C		IFA						
DBS							STR						
PS_DFT							TST_AREA						
UTP							GEN_AREA				850731		C
CDR							PCA						
PS	850214				C								
CODE_ST							MANUALS						
CODE_END							UM	850131					C
UNIT_TST							SUM						
UTR							OM						
ST-Status	Date=yyymmdd						DBM						

C-Complete R-Req'd X-Not Appli. ?-Unknown

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRG
SUBSYS: UI
SSGRP: RW
SYS REL: 2.0

SCD NO: 32220 TITLE: Phase 3 - Report Writer

DESCRIPTION: Report Writer graphics enhancements

CONTAINS:

TCD#	TITLE
32231	Reports Graphically Defined with Form Editor
32232	Stretch Indicators
32241	Stored Styles

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
s/32210	Phase 2 - Report Writer	841017		

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S32230- /

LIFE CYCLE SCHEDULE					SCHEDULE				
LC-ID	SCHED	RV	EST	ACTUAL ST	LC ID	SCHED	RV	EST	ACTUAL ST
SRD					FCA				
SDS					INT_TST	850117	850412		C
SDR					REL_GE	850131	850515		C
DS_DFT					RSK_AREA				
STP					OK_BY_GE			850731	C
PDR					RELEASE			850731	C
DS	850131			C	IFA				
DBS					STR				
PS_DFT					TST_AREA				
UTP					GEN_AREA			850731	C
CDR					PCA				
PS	850214			C					
CODE_ST					MANUALS				
CODE_END					UM	850131			
UNIT_TST					SUM				
UTR					OM				
ST-Status	Date=yyymmdd				DBM				

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRG
SUBSYS: UI
SSGRP: RW
SYS REL: 2.0

SCD NO: 32230 TITLE: Phase 4 - Report Writer

DESCRIPTION: Form placement on reports

CONTAINS:

TCD#	TITLE
32221	Placement Style
32222	Reports as Networks of Forms
32223	Reports as Hierarchies of Forms

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
s/32220	Phase 3 - Report Writer	850117		
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60200- /
- /
- /

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	850412				C
SDR	850426				C	REL_GE	850426	850515			C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850731	C
PDR						RELEASE				850731	C
DS						IFA					
DBS	850510				C	STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				850731	C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM	850426			850731	C
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840815
REV.NO: 3
REV DATE: 851031
RESP: SDRC
SUBSYS: UI
SSGRP: FE
SYS REL: 2.0

SCD NO: 35010 TITLE: CDM Integration

DESCRIPTION: CDM Integration

CONTAINS:

TCD#

TITLE

31302	Domain and Range Checks
32123	Means to Map External Schemas to Forms
35100	Forms Definition Language Refinement

DEPENDS UPON:

S/TCD # LC-ID

SCHED

TITLE

EST
NEEDST
ACTUAL

48040, 48042,	S48030		
48045, 48050,)	S48030 NDDL Processors and CDM		
48052, 48055,	S48030 Tools		
48200, 48015)	S48010, 48070	841001	
S31335	Cond. Eval & Triggers	841001	

DEPENDENT UPON BY: (SCD NO/NEED DATE) S32210-
S60200- / S70042- /

LIFE CYCLE SCHEDULE											
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841201	850412			C
SDR						REL_GE	841231	850515			C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850731	C
PDR						RELEASE				850731	C
DS						IPA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				850731	C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

3.4 Control Data Corporation (CDC) Schedule Control Document

Following is a summary of the User Interface SCD items in each system release.

<u>Release</u>	<u>SCD Item</u>	<u>Description</u>
1.5	48000	NDDL for CS, descriptions, and copy objects
1.5	48010	NDDL for synonyms, key words, renaming, data types, IS/CS, ES/CS, and Views.
1.5	48060	NDDL-ORACLE based reports
1.8	48300	NDDL-check, copy, drop, rename, and compare models.
2.0	41200	Changes to Class 2 NDML
2.0	41300	Query Process Generators
2.0	41400	Update CDM Operational Capabilities
2.0	41410	Upgrade CDM Operational Capabilities
2.0	42000	Single node update of TOTAL
2.0	42010	Single node update of DBMS-11 & ORACLE
2.0	48030	NDDL for integrity and constraint checks, and domain and data types.
2.0	48070	CDM report using UI Report Writer
-	42020	CDM1 for DB2, VSAM, and flat files

ORG DATE: 840720
REV.NO: 3
REV DATE: 851031
RESP: GDC
SUBSYS: GDM
SSGRP: GDMF
SYS REL: 2.0

DESCRIPTION: Implements changes to the GDMP algorithms providing ability to handle various enhancements to the NDML select statements.

TCD#	TITLE
41201	NDML Where Clause Enhancements - outer join
41210	" " " " - select results
41220	" " " " - order by clause
41230	" " " " - distinct clause
41240	" " " " - column statistics
48075	" Enhancements - Synonyms

S/TCD # LC-ID	TITLE	NEED	ACTUAL
S70041-DS	NDML Extensions	840930	

S60200-_____/_____-_____-_____/_____-_____-_____/_____

LIFE CYCLE SCHEDULE					LIFE CYCLE SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841231			850531	C
SDR						REL_GE	850115	850115		850531	C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850731	C
PDR						RELEASE				850731	C
DS						IFA					
DBS						STR				851031	C
PS_DFT						TST_AREA					
UTP					C	GEN_AREA				850731	C
CDR						PCA					
PS	850115	850628		851031	C						
CODE_ST	841001				C	MANUALS					
CODE_END	841030				C	UM					
UNIT_TST	841130				C	SUM					
UTR		850607				OM					
ST-Status	Date=yyymmdd					DBM					
C-Complete R-Req'd X-Not Appli. ?-Unknown											

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840720
REV.NO: 3
REV DATE: 851031
RESP: CDC
SUBSYS: CDM
SSGRP: CDMP
SYS REL: 2.0

SCD NO: 41300 TITLE: Query Process Generators

DESCRIPTION: Implements capability to query TOTAL data bases (not tested)

CONTAINS:

TCD#	TITLE
41301	TOTAL QPG
41310	IMS QPG (in hold)

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S20200	NTM Rehost	840903		
?	Mfg Scenarios	840903		
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

DEPENDED UPON BY: (SCD NO/NEED DATE)

S70051- /840901

LC-ID	SCHED	RV	EST	ACTUAL	ST	LIFE CYCLE SCHEDULE	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA						
SDS						INT_TST	841030					
SDR						REL_GE	840515	850515	850601		C	
DS_DFT						RSK_AREA		850715				
STP						OK_BY_GE						
PDR	840502			840502	C	RELEASE						
DS	841115			851031		IFA						
DBS						STR						
PS_DFT						TST_AREA						
UTP						GEN_AREA						
CDR	840502			840502	C	PCA						
PS	841115			851031	C							
CODE_ST	840313			840313	C	MANUALS						
CODE_END	840531			840531	C	UM						
UNIT_TST	840622					SUM						
UTR						OM						
ST-Status	Date=yyymmdd					DBM						

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840720
REV.NO: 3
REV DATE: 851031
RESP: CDC
SUBSYS: CDM
SSGRP: CDMF
SYS REL: 2.0

SCD NO: 41400 TITLE: Update CDM Operational Capabilities

DESCRIPTION: Design, implement and test the automatic capability of the NDML precompiler to transfer, compile, link and install each generated module (RCL usage)

CONTAINS:

TCD#	TITLE
41401	Remote Compile and Link

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S20100-Rel	IBM Node Release 1	841030		
T54100-DS	Remote Compile and Link	840831		
T54100-DS	RCL	841030		

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60200-	S70052-	/850101
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LIFE CYCLE SCHEDULE						SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	841130				
SDR						REL_GE	841215	850515			
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR	840921				C	RELEASE					
DS	840914					IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR	840921					PCA					
PS	841215										
CODE_S	840922										
CODE_END	841020					MANUALS					
UNIT_TST	841105					UM					
UTR						SUM					
						OM					
						DEM					

ST-Status Date-yyymmdd
C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840720
REV. NO: 2
REV DATE: 850301
RESP: CDC
SUBSYS: CDM
SSGRP: CDMP
SYS REL: 2.0

SCD NO: 41410 TITLE: Upgrade CDM Operational Capabilities

DESCRIPTION: Implement redundant data, horizontal partitioning, union algorithms, redefinition of data fields, repeating groups, and component data items.

CONTAINS:

TCD#	TITLE
41454	Implement Redundant Data Design
41455	Implement Horizontal Partitioning
41457	Implement CDMP Union Algorithms
41480	Implement Redefinition, Repeating Groups

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S70042-DS	CDMP Enhancements	850115	850115	—
S70070-DS	Redundant Data	850115	850115	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

DEPENDENT UPON BY: (SCD NO/NEED DATE)

SCD NO/NEED DATE	SCD NO/NEED DATE	SCD NO/NEED DATE
—	—	—
—	—	—
—	—	—

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	—	—	—	—	—	FCA	—	—	—	—	—
SDS	—	—	—	—	—	INT_TST	850331	—	—	—	C
SDR	—	—	—	—	—	REL_GE	850415	850515	850531	—	C
DS_DFT	—	—	—	—	—	RSK_AREA	—	—	—	—	—
STP	—	—	—	—	—	OK_BY_GE	—	—	—	850731	C
PDR	—	—	—	—	—	RELEASE	—	—	—	850731	C
DS	—	—	—	—	—	IFA	—	—	—	—	—
DBS	—	—	—	—	—	STR	—	—	—	851031	C
PS_DFT	—	—	—	—	—	TST_AREA	—	—	—	—	—
UTP	—	—	—	—	C	GEN_AREA	—	—	—	850731	C
CDR	—	—	—	—	—	PCA	—	—	—	—	—
PS	850415	—	—	851031	C						
CODE_ST	850116	—	—	—	C	MANUALS	—	—	—	—	—
CODE_END	850215	—	—	—	C	UM	—	—	—	—	—
UNIT_TST	850307	—	—	—	C	SUM	—	—	—	—	—
UTR	—	—	—	—	—	OM	—	—	—	—	—
ST-Status	Date-yymmdd	—	—	—	—	DEM	—	—	—	—	—
C-Complete	R-Req'd	X-Not Appli.	?	Unknown							

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840720
REV.NO: 3
REV DATE: 851031
RESP: CDC
SUBSYS: CDM
SSGRP: CDMP
SYS REL: 2.0

SCD NO: 42000 TITLE: Class 2 + Data Management

DESCRIPTION: Implements CDMP algorithms providing ability to handle NDML update requests to data resident in single-node TOTAL data bases.

CONTAINS:

TCD#	TITLE
42250	Implement TOTAL NDML Update

DEPENDS UPON:	TITLE	SCHED NEED	EST ACTUAL	ST
S/TCD # LC-ID				
S70021-DS	Single node update - Total	840930	840930	

DEPENDED UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS_DFT					
STP					
PDR					
DS					
DBS					
PS_DFT					
UTP					C
CDR					
PS	850115			851031	C
CODE_ST	841001			850301	C
CODE_END	841030			850330	C
UNIT_TST	841130			850401	C
UTR					
ST-Status Date-yyymmdd					
C-Complete R-Req'd X-Not Appli. ?-Unknown					

LC ID	SCHED	RV	EST	ACTUAL	ST
FCA					
INT_TST	841231				R
REL_GE	850115	850515			C
RSK_AREA					
OK_BY_GE					
RELEASE				850731	C
IPA					
STR					
TST_AREA	840215				
GEN_AREA				850731	C
PCA					
(Not tested on IBM)					
MANUALS					
UM					
SUM					
OM					
DBM					

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840720
REV.NO: 3
REV DATE: 851031
RESP: CDC
SUBSYS: CDM
SSGRP: CDMP
SYS REL: 2.0

SCD NO: 42010 TITLE: Class 2 + Data Management

DESCRIPTION: Implements CDMP algorithms, providing ability to handle NDML update requests to data resident in single-node ORACLE and DBMS-11 data bases.

CONTAINS:

TCD#	TITLE
42150	Implement ORACLE NDML Update
42250	Implement DBMS-11 NDML Update

DEPENDS UPON:	TITLE	SCHED NEED	EST ACTUAL	ST
S/TCD # LC-ID				
S70022-DS	Single Node Update - Oracle	850115	841015	—
S70023-DS	Single Node Update - DBMS - 11	850115	850115	—

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60200-_____/_____
_____-_____/_____
_____-_____/_____

LC-ID	SCHED	RV	EST	ACTUAL	ST	LIFE CYCLE	SCHEDULE	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD								FCA					
SDS								INT_TST	850331				C
SDR								REL_GE	850415	850515	850530		C
DS_DFT								RSK_AREA					
STP								OK_BY_GE				850731	C
PDR								RELEASE				850731	C
DS								IFA					
DBS								STR				851031	C
PS_DFT								TST_AREA					
UTP								GEN_AREA				850731	C
CDR								PCA					
PS	850415			851031	C								
CODE_ST	850116				C			MANUALS					
CODE_END	850215				C			UM					
UNIT_TST	850307				C			SUM					
UTR								OM					
ST-Status	Date-yyymmdd							DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ORG DATE: 840720
REV.NO: 3
REV DATE: 851031
RESP: CDC
SUBSYS: CDM
SSGRP: CDM 1
SYS REL:

DESCRIPTION: Review modifications to the CDM 1 information model, providing support for describing DB 2, VSAM, and flat files.

TITLE

ST

_____-_____/_____-_____-_____/_____

_____-_____/_____-_____-_____/_____

LIFE CYCLE SCHEDULE					SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					X
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS	850330			850200	C	STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date-yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840822
REV.NO: 3
REV DATE: 851031
RESP: CDC
SUBSYS: CDM
SSGRP: NDDL
SYS REL: 1.5

SCD NO: 48000 TITLE: NDDL Processors and CDM Tools

DESCRIPTION: Implements NDDL Command Processors for conceptual schemes, descriptions, and copy objects.

CONTAINS:

TCD#	TITLE
41101	CDM OS IDEF-1 Modeling DB
48080	NDDL Command to Populate Descriptions
48082	Change CDM for Object Descriptions

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDS UPON BY: (SCD NO/NEED DATE)	
S70060-_____/_____/_____ S60200-_____/_____/_____ S70052-_____/_____/_____ /850101	
-_____/_____/_____ -_____/_____/_____ -_____/_____/_____ /_____	

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	840731				C
SDR						REL_GE	840815			841100	C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				841215	C
PDR	840314			840314	C	RELEASE				841215	C
DS						IFA					
DBS						STR				851031	C
PS_DFT						TST_AREA					
UTP					C	GEN_AREA				851215	C
CDR	840629			840621	C	PCA					
PS				851031	C						
CODE_ST	840601			840625	C	MANUALS					
CODE_END	840622				C	UM				851031	C
UNIT_TST	840713				C	SUM					
UTR						OM					
ST-Status Date-yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ORG DATE: 840629
REV.NO: 3
REV DATE: 851031
RESP: GDC
SUBSYS: CDM
SSGRP: NDDL
SYS REL: 1.5

DESCRIPTION: Implements NDDL Command Processors for synonyms, key words, renaming, data types, IS/CS Mapping, Views and ES/CS Mapping. Design (only) of IS Command Processors.

TCD#	TITLE
48020	Keyword Cross Reference Reports
48035	Implement NDDL Keyword Processors
48038	Change CDM to Store Keyword Cross Reference
48070	NDDL Commands for Synonyms
48072	Change CDM for synonyms
48200	IS Command Processor Design

S/TCD #	LC-ID	TITLE	NEED	ACTUAL
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
DEPENDENT UPON BY: (SCD NO/NEED DATE)			S35010-	/841001
S70052-	/850101	S70060-	S60200-	/
-	/	-	-	/

LIFE CYCLE SCHEDULE						SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST	840831				
SDR						REL_GE	840915			841100	C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				841215	C
PDR	840314			840314	C	RELEASE				841215	C
DS						IFA					
DBS						STR				851031	C
PS_DFT						TST_AREA					
UTP					C	GEN_AREA				841215	C
CDR	840629			840621	C	PCA					
PS				851031	C						
CODE_ST	840625				C	MANUALS					
CODE_END	840706				C	UM				851031	C
UNIT_TST	840803				C	SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					
C-Complete R-Req'd X-Not Appli. ?-Unknown											

**ICAM/IISS
SCHEDULE CONTROL DOCUMENT**

ORG DATE: 840720
REV.NO: 3
REV DATE: 851031
RESP: CDC
SUBSYS: CDM
SSGRP: NDDL/CDMP
SYS REL: 2.0

SCD NO: 48030 TITLE: NDDL Processors and CDM Tools

DESCRIPTION: Implements integrity and constraint checking (assertions and triggers) and domains and data type checking - NDDL and CDMP.

CONTAINS:

TCD#	TITLE
48050	NDDL Express Integrity and Constraint Checks
48052	Change CDM to Store I & C Checks
48055	Enhance CDMP to Enforce I & C Checks
48040	NDDL Express Domain and Range Checks
48042	Change CDM to Store Domain and Range Checks
48045	Enhance CDMP to Enforce Domain and Range Checks

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S70042-DS	CDMP Enhancements	850115	850115	—
S70031-DBS	CDM1 Enhancements	841201	840901	—
S70032-DBS	CDM1 Enhancements	841201	841201	—
—	—	—	—	—
—	—	—	—	—

DEPENDED UPON BY: (SCD NO/NEED DATE)

S70060-_____	/_____	S60200-_____	/_____	S35010-_____	/841001
—	—	—	—	—	—

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	—	—	—	—	—	FCA	—	—	—	—	—
SDS	—	—	—	—	—	INT_TST	850331	—	—	—	C
SDR	—	—	—	—	—	REL_GE	850415	850515	—	—	R
DS_DFT	—	—	—	—	—	RSK_AREA	—	850730	—	—	—
STP	—	—	—	—	—	OK_BY_GE	—	—	—	850731	C
PDR	—	—	—	—	—	RELEASE	—	—	—	850731	C
DS	—	—	—	—	—	IFA	—	—	—	—	—
DBS	—	—	—	—	—	STR	—	—	—	851031	C
PS_DFT	—	—	—	—	—	TST_AREA	—	—	—	—	—
UTP	—	—	—	—	C	GEN_AREA	—	—	—	850731	C
CDR	—	—	—	—	—	PCA	—	—	—	—	—
PS	850415	—	—	851031	C	(Limited)	—	—	—	—	—
CODE_ST	850116	—	—	—	C	MANUALS	—	—	—	—	—
CODE_END	850215	—	—	—	C	UM	—	—	—	851031	C
UNIT_TST	850307	—	—	—	C	SUM	—	—	—	—	—
UTR	—	—	—	—	C	OM	—	—	—	—	—
ST-Status	Date-yymmdd	—	—	—	—	DBM	—	—	—	—	—

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840720
 REV.NO: 3
 REV DATE: 851031
 RESP: CDC
 SUBSYS: CDM
 SSGRP: CDM Tools
 SYS REL: 1.5

SCD NO: 48060 TITLE: NDDL Processors and CDM Tools

DESCRIPTION: ORACLE-based reports to be released with command
 processors per integration task report

CONTAINS:

TCD# TITLE
 48010 CDM Analysis and Reporting Tools

DEPENDS UPON:		TITLE	SCHED NEED	EST ACTUAL	ST
S/TCD #	LC-ID				
-	-				
-	-				
-	-				
-	-				
-	-				

DEPENDENT UPON BY: (SCD NO/NEED DATE) S48070- /841015
 S70052- /850101 S60150- /
 - / - /

LIFE CYCLE SCHEDULE						MANUALS					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE	841015			841115	C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				841215	C
PDR						RELEASE				841215	C
DS						IFA					
DBS						STR				851031	C
PS_DFT						TST_AREA					
UTP					C	GEN_AREA				841215	C
CDR	840521			840521	C	PCA					
PS				851031	C						
CODE_ST	840401			840401	C	MANUALS					
CODE_END	840722				C	UM	840824			851031	C
UNIT_TST					C	SUM					
UTR						OM					
ST-Status	Date-yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840720
REV.NO: 3
REV DATE: 851031
RESP: CDC
SUBSYS: CDM
SSGRP: CDM Tools
SYS REL: 2.0

SCD NO: 48070 TITLE: NDDL PROCESSORS and CDM Tools

DESCRIPTION: Design, implement, and test a CDM report using the UIMS Report Writer developed by SDRG. This work was done by SDRG in testing their software.

CONTAINS:

TCD#	TITLE
48015	CDM Report Using UIMS Report Writer

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S32210-DS	Phase 2 - Report Writer	841031	841031	—
S48060-REL			841015	—

DEPENDED UPON BY: (SCD NO/NEED DATE)

S70052-	/850101	S60200-	/	S35010-	/841001

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS DFT					
STP					
PDR					
DS					
DBS					
PS DFT					
UTP					
CDR					
PS					
CODE ST	841101				C
CODE END	841115				C
UNIT TST	841130				C
UTR					
ST-Status	Date-yymmdd				
C-Complete	R-Req'd	X-Not	Appli.	?-Unknown	

MANUALS

UM	850115
SUM	
OM	
DBM	

(Limited)

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840829
REV NO: 3
REV DATE: 851031
RESP: CDC
SUBSYS: CDM
SSORP: NDDL
SYS REL: 1.8

SCD NO: 48300 TITLE: NDDL IDEF Modeling Commands

DESCRIPTION: Implements NDDL commands for check, copy, drop, rename,
and compare model.

CONTAINS:

TCD# TITLE

DEPENDS UPON:

S/TCD # LC-ID

TITLE

SCHD
NEEDEST
ACTUAL

ST

DEPENDED UPON BY: (SCD NO/NEED DATE)

850180-

LIFE CYCLE SCHEDULE

LC-ID	SCHD	RV	EST	ACTUAL	ST	LC ID	SCHD	RV	EST	ACTUAL	ST
SRD						PCA					
SDS						INT TST	841031				C
SDR						REL GE	841115			850115	C
DS DFT						RSK AREA					
STP						OK BY GE				850501	C
PDR	840829			840821	C	RELEASE				850501	C
DS						IFA					
DBS						STR				851031	C
PS DFT						TST AREA					
UTP						GEN AREA				850501	C
CDR	840917			850110	C	PCA					
PS	840910			851031	C						
CODE ST	840928				C	MANUALS					
CODE END	841012				C	UM				851031	C
UNIT TST					C	SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DEM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

3.5 McDonnell-Douglas Corporation (MDC) Schedule Control Document

Following is a summary of the User Interface SCD items in each system release.

<u>Release</u>	<u>SCD Item</u>	<u>Description</u>
1.2	50120	NTM Release 1.2
1.5	50150	NTM Release 1.5
1.6	50160	NTM Release 1.6
1.8	50180	NTM Release 1.8
1.8	50310	NTM Message Log Analysis Utilities
1.8	50320	NTM Table Management Utilities
2.0	50200	NTM Release 2.0
2.0	50331	NCL Expert

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: NTM
SSGRP: -
SYS REL: 1.2

SCD NO: 50120 TITLE: NTM Release 1.2 Support

DESCRIPTION: Provide support for Release 1.2 of the NTM.

CONTAINS:

TCD#

TITLE

DEPENDS UPON:

S/TCD * LC-ID

TITLE

SCHD

NEED

EST

ACTUAL

ST

DEPENDED UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE						MANUALS					
LC-ID	SCHD	RV	EST	ACTUAL	ST	LC ID	SCHD	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE				840715	C
PDR						RELEASE					
DS						IPA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST											
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status						DBM					
Date-yyymmdd											

C-Complete R-Req'd X-Not Appli. ?-Unknown

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: MDC
SUBSYS: NTM
SSGRP: -
SYS REL: 1.5

SCD NO: 50150 TITLE: NTM Release 1.5

DESCRIPTION: Provide enhancements to NTM for Release 1.5.

CONTAINS:

TCD#

TITLE

Changes to VAX Version for IBM Compatibility
Data Format ChangesDEPENDS UPON:
S/TCD # LC-ID

TITLE

SCHED
NEEDEST
ACTUAL

ST

DEPENDED UPON BY: (SCD NO/NEED DATE)

500150-

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE				841215	C
PDR						RELEASE				841215	C
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				841215	C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status Date-yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 841018
REV.NO: 3
REV DATE: 851031
RESP: MDC
SUBSYS: NTM
SSGRP: -
SYS REL: 1.6

SCD NO: 50160 TITLE: NTM Release 1.6

DESCRIPTION: Provide enhancements and support for NTM for Release 1.6.

CONTAINS:

TCD# TITLE

DEPENDS UPON:
S/TCD # LC-ID

TITLE

SCHD
NEEDEST
ACTUAL

ST

DEPENDENT UPON BY: (SCD NO/NEED DATE)

500160-

LIFE CYCLE SCHEDULE

LC-ID	SCHD	RV	EST	ACTUAL	ST	LC ID	SCHD	RV	EST	ACTUAL	ST
SRD						PCA					
SDS						INT TST					C
SDR						REL GE					C
DS DFT						RSK AREA					
STP						OK BY GE				850228	C
PDR						RELEASE				850228	C
DS						IPA					
DBS						STR					
PS DFT						TST AREA					
UTP						GEN AREA				850228	C
CDR						PCA					
PS											
CODE ST						MANUALS					
CODE END						UN					
UNIT TST						SUM					
UTR						OM					
ST-Status Date-yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 841015
REV. NO: 5
REV DATE: 851031
RESP: MDC
SUBSYS: NTM
SSGRP: -
SYS REL: 1.8

SCD NO: 80180 TITLE: NTM Release 1.8

DESCRIPTION: Enhancements and support for NTM for Release 1.8.

CONTAINS:

TCDs	TITLE
	Narcolepsy Problem
	Child Table Login
	Log File Analysis Utility
	Table-File Management Utility

DEPENDS UPON:

S/TCD & LC-ID	TITLE	SCHMD NEED	EST ACTUAL	ST
880310-Rel-GE	NTM Message Log Analysis Utility			C
880320-Rel-GE	NTM Table Mgmt Utilities			C

DEPENDS UPON BY: (SCD NO/NEED DATE)

880180-

LIFE CYCLE						SCHEDULE					
LC-ID	SCHMD	RV	EST	ACTUAL	ST	LC ID	SCHMD	RV	EST	ACTUAL	ST
SRD						PCA					
SDS						INT_TST					C
SDR						REL_GE					C
DS DFT						RSE AREA					
STP						OK BY GE				880801	C
PDR						RELEASE				880801	C
DS						IFA					
DBS						STR					
PS DFT						TST AREA					
UTP						GEN AREA				880801	C
CDR						PCA					
PS											
CODE ST						MANUALS					
CODE END						UN					
UNIT TST						SUN					
UTR						ON					
ST-Status						DSM					
C-Complete R-Req'd X-Not Appl. ?-Unknown											

**ICAM/IISS
SCHEDULE CONTROL DOCUMENT**

ORG DATE: 841015
REV.NO: 3
REV DATE: 85101
RESP: MDC/GE
SUBSYS: NTM
SSGRP: -
SYS REL: 2.0

SCD NO: 50200 TITLE: NTM Release 2.0

DESCRIPTION: Enhancements and support of NTM Release 2.0 includes:
o CLDTL, APOTL, APSTL, INATL, MPSTL table fixes; Shut Down
Processing; Start Up Processing; Initialization; Long Message;
Trace Capability; AP Instance Numbers; SIGANT, NSEND, SVDRCL
Application Services; and Inter-Program call fixes.

CONTAINS:

TCD# TITLE

DEPENDS UPON:

S/TCD # LC-ID

TITLE

SCHD
NEED

EST
ACTUAL

ST

550331- RCL Expert

DEPENDENT UPON BY: (SCD NO/NEED DATE)

550200-

LIFE CYCLE SCHEDULE					
LC ID	SCHD	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS DFT					
STP					
PDR					
DS				851031	C
DBS					
PS DFT					
UTP					
CDR					
PS				851031	C
CODE ST					
CODE END					
UNIT TST					
UTR					
ST-Status Date-yyymmdd					
C-Complete R-Req'd X-Not Appli. ?-Unknown					

MANUALS					
LC ID	SCHD	RV	EST	ACTUAL	ST
PCA					
INT TST					C
REL GE					C
RSK AREA					
OK BY GE				850731	C
RELEASE				850731	C
IFA					
STR				851031	C
TST AREA					
GEN AREA				850731	C
PCA					
UN				851031	C
SUN				851031	C
ON				851031	C
DBM					

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 841015
 REV. NO: 3
 REV DATE: 851031
 RESP: MDC
 SUBSYS: NTH
 SSGRP: -
 SYS REL: 1.8

SCD NO: 50310 TITLE: NTH Message Log Analysis Utilities

DESCRIPTION: Utilities to retrieve, display, and analyze the NTH message logs.

CONTAINS:

TCDs

TITLE

DEPENDS UPON:

S/TCD * LC-ID

TITLE

SCHED
NEED

EST
ACTUAL

ST

DEPENDS UPON BY: (SCD NO/NEED DATE)

550180-

550331-

820440-

LIFE CYCLE SCHEDULE

LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						PCA					
SDS						INT_TST					C
SDR						REL_GE					C
DS DFT						RSK AREA					
STP						OK BY GE				850501	C
PDR						RELEASE				850501	C
DS						IFA					
DSS						STR					
PS DFT						TST AREA					
UTP						GEN AREA				850501	C
CDR						PCA					
PS				851031	C						
CODE ST					C	MANUALS					
CODE END					C	UM				850601	C
UNIT_TST					C	SUM					
UTR						OM					
ST-Status Date-yyymmdd						DEM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 841015
REV.NO: 3
REV DATE: 851031
RESP: MDC
SUBSYS: NTM
SSGRP: -
SYS REL: 1.8

SCD NO: 50320 TITLE: NTM Table Management Utilities

DESCRIPTION: Utilities to aid in building and managing the various NTM tables that must be defined.

CONTAINS:

TCD# TITLE

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S50180-	/	S70052-	/	S34010-	/
-	/	-	/	-	/
-	/	-	/	-	/

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						PCA					
SDS						INT_TST					C
SDR						REL_GE					C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850501	C
PDR						RELEASE				850501	C
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				850501	C
CDR						PCA					
PS				851031	C						
CODE_ST					C	MANUALS					
CODE_END					C	UM				850501	C
UNIT_TST					C	SUM					
UTR						OM					
ST-Status	Date-yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ORG DATE: 840901
REV.NO: 3
REV DATE: 851031
RESP: MDC
SUBSYS: NTM
SSGRP: -
SYS REL: -

DESCRIPTION: Develop design of Remote Compile and Link (RCL) Capability.

TITLE

ST[illegible]

		LIFE CYCLE SCHEDULE									
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS				850200	C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date-yyymmdd					DBM					
C-Complete R-Req'd X-Not Appli. ?=Unknown											

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 841015
REV.NO: 3
REV DATE: 851031
RESP: MDC
SUBSYS: NTM
SSGRP: -
SYS REL: 2.0

SCD NO: 50331 TITLE: RCL Expert

DESCRIPTION: Remote Compile and Link (RCL) capability to allow
operating system command procedures to be invoked by IISS
applications.

CONTAINS:

TCD# TITLE

_____	_____
_____	_____
_____	_____
_____	_____

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
_____ S-50310	RCL Design	_____	_____	C
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S50200-_____	/	_____	-	_____	/	_____	S34020-_____	/	_____
_____	/	_____	-	_____	/	_____	_____	/	_____

LIFE CYCLE SCHEDULE						SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	_____	_____	_____	_____	_____	FCA	_____	_____	_____	_____	_____
SDS	_____	_____	_____	_____	_____	INT_TST	_____	_____	_____	_____	_____
SDR	_____	_____	_____	_____	_____	REL_GE	_____	_____	_____	_____	C
DS_DFT	_____	_____	_____	_____	_____	RSK_AREA	_____	_____	_____	_____	_____
STP	_____	_____	_____	_____	_____	OK_BY_GE	_____	_____	850731	_____	C
PDR	_____	_____	_____	_____	_____	RELEASE	_____	_____	850731	_____	C
DS	_____	_____	_____	_____	_____	IFA	_____	_____	_____	_____	_____
DBS	_____	_____	_____	_____	_____	STR	_____	_____	_____	_____	_____
PS_DFT	_____	_____	_____	_____	_____	TST_AREA	_____	_____	_____	_____	_____
UTP	_____	_____	_____	_____	_____	GEN_AREA	_____	_____	850731	_____	C
CDR	_____	_____	_____	_____	_____	PCA	_____	_____	_____	_____	_____
PS	_____	_____	_____	_____	_____		_____	_____	_____	_____	_____
CODE_ST	_____	_____	_____	_____	C	MANUALS	_____	_____	_____	_____	_____
CODE_END	_____	_____	_____	_____	C	UM	_____	_____	851031	_____	C
UNIT_TST	_____	_____	_____	_____	C	SUM	_____	_____	_____	_____	_____
UTR	_____	_____	_____	_____	_____	OM	_____	_____	_____	_____	_____
ST-Status Date-yyymmdd	_____	_____	_____	_____	_____	DEM	_____	_____	_____	_____	_____

C-Complete R-Req'd X-Not Appli. ?-Unknown

3.6 General Electric Company (GE) Schedule Control Document

Following is a summary of the User Interface SCD items in each system release.

<u>Release</u>	<u>SCD Item</u>	<u>Description</u>
1.2	60120	Int. & Test Rel 1.2
1.2	60310	S/W Configuration Mgmt-Ver 1.0
1.3	60130	Int. & Test Rel 1.3
1.4	60140	Int. & Test Rel 1.4
1.4	60320	S/W Configuration Mgmt-Ver 1.1
1.5	60150	Int. & Test Rel 1.5
1.5	60510	Error Log Analysis Utilities
1.6	60160	Int. & Test Rel 1.6
1.6	60420	Word Processing Capability
1.7	60170	Int. & Test Rel 1.7
1.8	60180	Int. & Test Rel 1.8
2.0	60200	Int. & Test Rel 2.0
2.0	60330	S/W Configuration Mgmt-Ver 2.0
2.0	60430	Automatic Documentation System
2.0	60440	Document Management System
2.0	60450	Electronic Documentation System

ORG DATE: 840715
REV NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.2

DESCRIPTION: Integrate and test Release 1.2 and then distribute it and make it available for general use.

TCD

TITLE**TITLE**

S/W Configuration Mgmt-Ver 1.0

NEED

ACTUAL

C

S20100-

S20450- / - / -

SRD

SDS

SDR

DS 1

 STP

PDR

INDEX

DBS

DBS
RF 1

PS DF 1
UTD

UTP
àppp

CDR
DA

PS

CODE-ST

CODE END

UNIT_TST

UTR

ST=Status Date=yymdd

C=Complete R=Req'd X=Not Appl ?=Unknown

SCHEDULE

LC ID

FCA

INT TST

REL - GE

RSK - AREA

OK BY GE

RELEASE

RED
LEAF

IPA
STR

SIR
TCT AREA

TSI AREA
GEM AREA

**GEN
DCA**

MANUALS

UN

SUM

On

ON
DUM

AD-A181 223

INTEGRATED INFORMATION SUPPORT SYSTEM (IISS) VOLUME 3
IISS CONFIGURATION. (U) GENERAL ELECTRIC CO SCHENECTADY
NY PRODUCTION RESOURCES CONSU. M R HURLBUT ET AL.

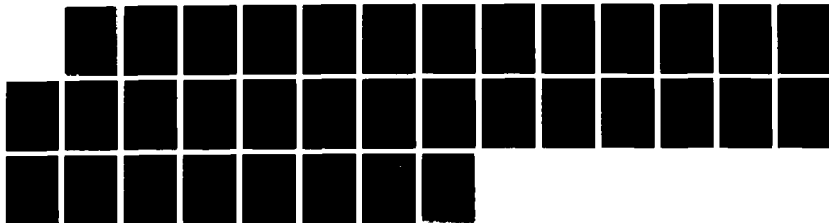
3/2

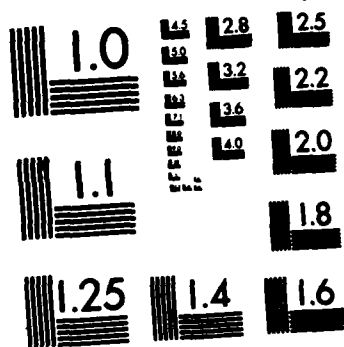
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.3

SCD NO: 60130 TITLE: Integrate and Test Release 1.3

DESCRIPTION: Integrate and test Release 1.3 and then distribute it
and make it available for general use.

CONTAINS:

TCD#

TITLE

DEPENDS UPON:

S/TCD # LC-ID

TITLE

SCHD

NEED

EST

ACTUAL

ST

S31210-Rel-GE	Phase 1-Virtual Terminal Interface		840900	-C
S31310-Rel-GE	Phase 1-Form Processor		840900	-C
S32110-Rel-GE	Phase 1-Form Editor		840900	-C

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60120-

LIFE CYCLE SCHEDULE					LIFE CYCLE SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE				840915	-C
PDR						RELEASE				840915	-C
DS						IFA					
DBS						STR				840915	-C
PS_DFT						TST_AREA					
UTP						GEN_AREA				840915	-C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status Date=yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.4

SCD NO: 60140 TITLE: Integrate and Test Release 1.4

DESCRIPTION: Integrate and test Release 1.4 and then distribute it
and make it available for general use (combined with Release 1.5).

CONTAINS:

TCD#

TITLE

DEPENDS UPON:

S/TCD # LC-ID
S60320-AEL-GE

TITLE

S/W Configuration Mgmt-Ver 1.1

SCHED
NEEDEST
ACTUAL

ST

C

DEPENDENT UPON BY: (SCD NO/NEED DATE)

LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE				851215	C
PDR						RELEASE				851215	C
DS						IFA					
DBS						STR				851215	C
PS_DFT						TST_AREA					
UTP						GEN_AREA				851215	C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status						DBM					

ST-Status Date-yyymmdd
C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.5

SCD NO: 60150 TITLE: Integrate and Test Release 1.5

DESCRIPTION: Integrate and test Release 1.5 and then distribute it and make it available for general use.

CONTAINS:

TCD# TITLE

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUA	ST
S48060-Rel-GE	NDDL Processors and CDM Tools	_____	841115	_C
S50150-OK by GE	NTM Release 1.5	_____	_____	_C
S60510-Rel-GE	Error Log Analysis Utility	_____	841000	_C

DEPENDENT UPON BY: (SCD NO/NEED DATE)

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

LC-ID	SCHED	RV	EST	ACTUAL	ST	LIFE CYCLE	SCHEDULE	SCHED	RV	EST	ACTUAL	ST
SRD	_____	_____	_____	_____	_____	_____	FCA	_____	_____	_____	_____	_____
SDS	_____	_____	_____	_____	_____	_____	INT_TST	_____	_____	_____	_____	_____
SDR	_____	_____	_____	_____	_____	_____	REL_GE	_____	_____	_____	_____	_C
DS_DFT	_____	_____	_____	_____	_____	_____	RSK_AREA	_____	_____	_____	_____	_____
STP	_____	_____	_____	_____	_____	_____	OK_BY_GE	_____	_____	851215	_____	_C
PDR	_____	_____	_____	_____	_____	_____	RELEASE	_____	_____	851215	_____	_C
DS	_____	_____	_____	_____	_____	_____	IFA	_____	_____	_____	_____	_____
DBS	_____	_____	_____	_____	_____	_____	STR	_____	_____	851215	_____	_C
PS_DFT	_____	_____	_____	_____	_____	_____	TST_AREA	_____	_____	_____	_____	_____
UTP	_____	_____	_____	_____	_____	_____	GEN_AREA	_____	_____	851215	_____	_C
CDR	_____	_____	_____	_____	_____	_____	PCA	_____	_____	_____	_____	_____
PS	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
CODE_ST	_____	_____	_____	_____	_____	_____	MANUALS	_____	_____	_____	_____	_____
CODE_END	_____	_____	_____	_____	_____	_____	UM	_____	_____	_____	_____	_____
UNIT_TST	_____	_____	_____	_____	_____	_____	SUM	_____	_____	851215	_____	_C
UTR	_____	_____	_____	_____	_____	_____	OM	_____	_____	_____	_____	_____
ST-Status	_____	_____	_____	_____	_____	_____	DBM	_____	_____	_____	_____	_____
Date-yymmdd	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.6

SCD NO: 60160 TITLE: Integrate and Test Release 1.6

DESCRIPTION: Integrate and test Release 1.6 and then distribute it and make it available for general use.

CONTAINS:

TCD# TITLE

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S31330-Rel-GE	Phase 2 - Form Processor		841130	C
S32120-Rel-GE	Phase 2 - Form Editor		841100	C
S31220-Rel-GE	Phase 2 - Virtual Term. Interface		841100	C
S33010-Rel-GE	Phase 2 - NTM Environment		841100	C
S31320-Rel-GE	Multiple Message Display		841100	C
S50160-Rel-GE	NTM Release 1.6			C
S60420-Rel-GE	Word-Processing Capability			C

DEPENDENT UPON BY: (SCD NO/NEED DATE)

SCD NO	NEED DATE	SCD NO	NEED DATE

LIFE CYCLE SCHEDULE

LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE			850228		C
PDR						RELEASE			850228		C
DS						IFA					
DBS						STR			850228		C
PS_DFT						TST_AREA					
UTP						GEN_AREA			850228		C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM			850228		C
UTR						OM					
ST-Status Date-yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.7

SCD NO: 60170 TITLE: Integrate and Test Release 1.7

DESCRIPTION: Integrate and test Release 1.7 and then distribute it and make it available for general use (Combined with Release 1.8) _____

CONTAINS:

TCD# TITLE

DEPENDS UPON:

S/TCD # LC-ID

TITLE

SCHED
NEED

EST
ACTUAL

ST

S20100- IBM Node Release 1

S20200- IBM Node Release 2

DEPENDENT UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE					SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850501	C
PDR						RELEASE					
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				850501	C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status						DBM					
Date-yyymmdd											

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.8

SCD NO: 60180 TITLE: Integrate and Test Release 1.8

DESCRIPTION: Integrate and test Release 1.8 and then distribute it and
and make it available for general use.

CONTAINS:

TCD# TITLE

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S20400-Rel-GE	IBM Node Release 9.0			
S31120-Rel-GE	Phase 2-User Interface Monitor			C
S48300-Rel-GE	NDDL IDEF Modeling Commands		850115	C
S50180-Rel-GE	NTM Release 1.8			C

DEPENDED UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE					LIFE CYCLE SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					C
DS_DFT						RSK_AREA					
STP					C	OK_BY_GE				850501	C
PDR						RELEASE				850501	C
DS						IFA					
DBS						STR				850501	C
PS_DFT						TST_AREA					
UTP						GEN_AREA				850501	C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM				850501	C
UTR						OH					
ST-Status	Date-yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

1 November 1985

ORG DATE: 840715

REV.NO: 3

REV DATE: 851031

RESP: GE

SUBSYS: SYS

SSGRP: -

SYS REL: 2.0

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

SCD NO: 60200 TITLE: Integrate and Test Release 2.0

DESCRIPTION: Integrate and test Release 2.0 and then distribute it and make it available for general use.

CONTAINS:

TCD# TITLE

DEPENDS UPON:	TITLE	SCHED NEED	EST ACTUAL	ST
S/TCD # LC-ID				
S31335-Rel-GE	Rapid Application Generator			C
S31510-Rel-GE	Phase 3-User Interface Services			C
S32230-Rel-GE	Phase 4-Report Writer			C
S34010-Rel-GE	AP Definition Support			C
S31130-Rel-GE	Phase 3-User Interface Monitor			C
S31230-Rel-GE	Phase 3-Virtual Term. Interface			C
S32130-Rel-GE	Phase 3-Form Editor			C
S35010-Rel-GE	CDM Integration			C
S41200-Rel-GE	Changes to Class 2 NDML			C
S41410-Rel-GE	Upgrade CDM Operational Capability			C
S42010-Rel-GE	Class 2+ Data Management			C
S48000/10/30/70	NDML Processors and CDM Tools			C
S50200-Rel-GE	NTM Release 2.0			C
S60330-Rel-GE	S/W Configuration Mngmnt-Ver 2.0			C

DEPENDENT UPON BY: (SCD NO/NEED DATE)

SCD NO	NEED DATE

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS DFT					
STP					C
PDR					
DS					
DBS					
PS DFT					
UTP					
CDR					
PS					
CODE ST					
CODE END					
UNIT TST					
UTR					
ST-Status Date-yyymmdd					
C-Complete R-Req'd X-Not Appli. ?-Unknown					

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 841031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.2

SCD NO: 60310 TITLE: S/W Configuration Management - Ver 1.0

DESCRIPTION: Develop Version 1.0 of software configuration management system. Single computer version.

CONTAINS:

TCD# TITLE

_____	_____
_____	_____
_____	_____
_____	_____

DEPENDS UPON:

S/TCD # LC-ID TITLE

SCHD
NEEDEST
ACTUAL

ST

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

DEPENDED UPON BY: (SCD NO/NEED DATE)

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

LIFE CYCLE SCHEDULE											
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	_____	_____	_____	_____	_____	FCA	_____	_____	_____	_____	_____
SDS	_____	_____	_____	_____	_____	INT_TST	_____	_____	_____	_____	_____
SDR	_____	_____	_____	_____	_____	REL_GE	_____	_____	_____	_____	C
DS DFT	_____	_____	_____	_____	_____	RSK_AREA	_____	_____	_____	_____	_____
STP	_____	_____	_____	_____	_____	OK_BY_GE	_____	_____	840715	_____	C
PDR	_____	_____	_____	_____	_____	RELEASE	_____	_____	840715	_____	C
DS	_____	_____	_____	_____	_____	IFA	_____	_____	_____	_____	_____
DBS	_____	_____	_____	_____	_____	STR	_____	_____	_____	_____	_____
PS DFT	_____	_____	_____	_____	_____	TST_AREA	_____	_____	_____	_____	_____
UTP	_____	_____	_____	_____	_____	GEN_AREA	_____	_____	_____	_____	_____
CDR	_____	_____	_____	_____	_____	PCA	_____	_____	_____	_____	_____
PS	_____	_____	_____	_____	_____		_____	_____	_____	_____	_____
CODE_ST	_____	_____	_____	_____	C	MANUALS	_____	_____	_____	_____	_____
CODE_END	_____	_____	_____	_____	C	UM	_____	_____	_____	_____	C
UNIT_TST	_____	_____	_____	_____	_____	SUM	_____	_____	_____	_____	_____
UTR	_____	_____	_____	_____	_____	OM	_____	_____	_____	_____	_____
ST-Status	Date-yymmdd	_____	_____	_____	_____	DBM	_____	_____	_____	_____	_____

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.4

SCD NO: 60320 TITLE: S/W Configuration Management - Ver 1.1

DESCRIPTION: Develop Version 1.1 of the Software Configuration Management System - Initial two computer version.

CONTAINS:

TCD# TITLE

DEPENDS UPON:
S/TCD # LC-ID

TITLE

SCHED
NEEDEST
ACTUAL

ST

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60140-

LIFE CYCLE SCHEDULE						MANUALS					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				851215	C
PDR						RELEASE				851215	C
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM				851215	C
UNIT_TST						SUM					
UTR						OM					
ST-Status						DBM					

Date=yymmdd
C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 850115
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 2.0

SCD NO: 60330 TITLE: S/W Configuration Management - Ver 2.0

DESCRIPTION: Develop Version 2.0 of the Software Configuration Management System. Enhanced two computer for Release 2.0.

CONTAINS:

TCD# TITLE

DEPENDS UPON:

S/TCD #	LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST

DEPENDENT UPON BY: (SCD NO/NEED DATE)

SCD NO	NEED DATE	SCD NO	NEED DATE

LIFE CYCLE SCHEDULE						S60200-					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					C
DS_DFT						RSK_AREA					
STP						OK_BY_GE				850731	C
PDR						RELEASE				850731	C
DS				851031	C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				850731	C
CDR						PCA					
PS											
CODE_ST					C	MANUALS					
CODE_END					C	UM				850731	C
UNIT_TST					C	SUM				851031	C
UTR						OM					
ST-Status	Date=yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 850715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: -

SCD NO: 60410 TITLE: S/W Documentation Standards

DESCRIPTION: Provide S/W Documentation Standards that will be consistent with an Electronic Documentation System.

CONTAINS:

TCD# TITLE

DEPENDS UPON:

S/TCD #	LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

SCD NO	NEED DATE
-	-
-	-
-	-

LIFE CYCLE SCHEDULE						MANUALS					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	-	-	-	-	-	FCA	-	-	-	-	-
SDS	-	-	-	-	-	INT_TST	-	-	-	-	-
SDR	-	-	-	-	-	REL_GE	-	-	-	840101	C
DS_DFT	-	-	-	-	-	RSK_AREA	-	-	-	-	-
STP	-	-	-	-	-	OK_BY_GE	-	-	-	-	-
PDR	-	-	-	-	-	RELEASE	-	-	-	-	-
DS	-	-	-	-	-	IFA	-	-	-	-	-
DBS	-	-	-	-	-	STR	-	-	-	-	-
PS_DFT	-	-	-	-	-	TST_AREA	-	-	-	-	-
UTP	-	-	-	-	-	GEN_AREA	-	-	-	-	-
CDR	-	-	-	-	-	PCA	-	-	-	-	-
PS	-	-	-	-	-		-	-	-	-	-
CODE_ST	-	-	-	-	-		-	-	-	-	-
CODE_END	-	-	-	-	-	UM	-	-	-	-	-
UNIT_TST	-	-	-	-	-	SUM	-	-	-	-	-
UTR	-	-	-	-	-	OM	-	-	-	-	-
ST-Status	-	-	-	-	-	DBM	-	-	-	-	-
Date=yyymmdd	-	-	-	-	-		-	-	-	-	-

C-Complete R-Req'd X-Not Appli. ?-Unknown

SCD620122000
1 November 1985ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840715
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.6

SCD NO: 60420 TITLE: Word-Processing Capability

DESCRIPTION: Provide word-processing S/W on computer for Electronic Documentation System.

CONTAINS:

TCD# TITLE

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
-					
-					
-					

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60450-	/	-	/	S60160-	/
-	/	-	/	-	/
-	/	-	/	-	/

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD					
SDS					
SDR					
DS_DFT					
STP					
PDR					
DS					
DBS					
PS_DFT					
UTP					
CDR					
PS					
CODE_ST					
CODE_END					
UNIT_TST					
UTR					
ST-Status	Date=yyymmdd				
C-Complete	R-Req'd	X-Not	Appli.	?-Unknown	

MANUALS

UM

SUM

OM

DBM

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 850115
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 2.0

SCD NO: 60430 TITLE: Automatic Documentation System

DESCRIPTION: Provide capability to automatically strip documentation information from program listings and generate production specification documentation sections.

CONTAINS:

TCD# TITLE

DEPENDS UPON:

S/TCD #	LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60450- / /

LC-ID	SCHED	RV	EST	ACTUAL	ST	LIFE CYCLE SCHEDULE	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA						
SDS						INT_TST						
SDR						REL_GE						C
DS_DFT						RSK_AREA						
STP						OK_BY GE				850900		C
PDR						RELEASE						
DS				851031	C	IFA						
DBS						STR						
PS_DFT						TST_AREA						
UTP						GEN_AREA						
CDR						PCA						
PS												
CODE_ST						MANUALS						
CODE_END						UM				851031		C
UNIT_TST						SUM						
UTR						OM						
ST-Status						DBM						

C=Complete R=Req'd X=Not Appli. ?=Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 850115
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 2.0

SCD NO: 60440 TITLE: Document Management System

DESCRIPTION: Provide a system to manage the electronic form of documents including checkout, return, view, and control of the documents in a control repository.

CONTAINS:

TCD# TITLE

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST

DEPENDED UPON BY: (SCD NO/NEED DATE)

S60450- /
- /
- /

LC-ID	SCHED	RV	EST	ACTUAL	ST	LIFE CYCLE SCHEDULE	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA						
SDS						INT_TST						
SDR						REL_GE						C
DS_DFT						RSK_AREA						
STP						OK_BY GE					850600	C
PDR						RELEASE					850600	C
DS					C	IFA						
DBS						STR						
PS_DFT						TST_AREA						
UTP						GEN_AREA					850600	C
CDR						PCA						
PS												
CODE_ST						MANUALS						
CODE_END						UM					850600	C
UNIT_TST						SUM					851031	C
UTR						OM						
ST-Status	Date-yymmdd					DBM						

C-Complete R-Req'd X-Not Appli. ?-Unknown

**ICAM/IISS
SCHEDULE CONTROL DOCUMENT**

ORG DATE: 850115
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 2.0

SCD NO: 60450 TITLE: Electronic Documentation System

DESCRIPTION: Integrate all parts of preparation and control of project documentation into a total Electronic Documentation System including word-processing, automatic documentation generation, documentation management, and publication.

CONTAINS:

TCD#	TITLE

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S60430-GEN-AREA	Word-Processing Capability			C
S60430-OK-BY-GE	Automatic Documentation System			C
S60440-GEN-AREA	Documentation Management System			C

DEPENDENT UPON BY: (SCD NO/NEED DATE)

SCD NO	NEED DATE

LIFE CYCLE SCHEDULE						LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE				850900	C
DS_DFT						RSK_AREA					
STP						OK_BY GE				851000	C
PDR						RELEASE				851000	C
DS					C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA				851000	C
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM				851031	C
UNIT_TST						SUM				851031	C
UTR						OM					
ST-Status	Date-yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 841015
REV.NO: 3
REV DATE: 851031
RESP: GE
SUBSYS: SYS
SSGRP: -
SYS REL: 1.5

SCD NO: 60510 TITLE: Error Log Analysis Utilities

DESCRIPTION: Utilities to retrieve, display, and analyze the System Error Logs.

CONTAINS:

TCD# TITLE

_____	_____
_____	_____
_____	_____
_____	_____

DEPENDS UPON:

S/TCD # LC-ID TITLE SCHED EST ST
NEED ACTUAL

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S60150-_____/_____/_____

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

LIFE CYCLE SCHEDULE											
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	_____	_____	_____	_____	_____	FCA	_____	_____	_____	_____	_____
SDS	_____	_____	_____	_____	_____	INT_TST	_____	_____	_____	_____	_____
SDR	_____	_____	_____	_____	_____	REL_GE	_____	_____	_____	841000	C
DS_DFT	_____	_____	_____	_____	_____	RSK_AREA	_____	_____	_____	_____	_____
STP	_____	_____	_____	_____	_____	OK_BY_GE	_____	_____	_____	841215	C
PDR	_____	_____	_____	_____	_____	RELEASE	_____	_____	_____	841215	C
DS	_____	_____	_____	_____	_____	IFA	_____	_____	_____	_____	_____
DBS	_____	_____	_____	_____	_____	STR	_____	_____	_____	_____	_____
PS_DFT	_____	_____	_____	_____	_____	TST_AREA	_____	_____	_____	_____	_____
UTP	_____	_____	_____	_____	_____	GEN_AREA	_____	_____	_____	841215	C
CDR	_____	_____	_____	_____	_____	PCA	_____	_____	_____	_____	_____
PS	_____	_____	_____	_____	_____		_____	_____	_____	_____	_____
CODE_ST	_____	_____	_____	_____	_____	MANUALS	_____	_____	_____	_____	_____
CODE_END	_____	_____	_____	_____	_____	UM	_____	_____	_____	841215	C
UNIT_TST	_____	_____	_____	_____	_____	SUM	_____	_____	_____	_____	_____
UTR	_____	_____	_____	_____	_____	OM	_____	_____	_____	_____	_____
ST-Status	Date=yymmdd	_____	_____	_____	_____	DBM	_____	_____	_____	_____	_____

C-Complete R-Req'd X-Not Appli. ?-Unknown

3.7 D. Appleton Company (DACOM) Schedule Control Document

The DACOM work is design that will eventually feed into a release by CDC, but the DACOM SCD items in this section are not shown as being part of a release.

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70010 TITLE: CDMF Performance Improvement

DESCRIPTION: Modifications to the CDM algorithms, providing
performance improvement

CONTAINS:

TCD#	TITLE
76010	CDM algorithm performance improvement

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
TCD 66220	Phase I Performance Testing			
66230	Phase II Performance Testing			
66320	Develop Performance R Analysis Reports			
66330	Analyze Operational Performance			
-				

DEPENDED UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE					MANUALS						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT	850401				C	RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS				851031	C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST											
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date-yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70021 TITLE: Single-Node Update-Total

DESCRIPTION: Modifications to the CDMP algorithms, providing ability to handle NDML update requests to data resident in single-node total databases

CONTAINS:

TCD#	TITLE
73421	NDML for Total Update

DEPENDS UPON:		SCHED	EST	ST
S/TCD # LC-ID	TITLE	NEED	ACTUAL	
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

DEPENDS UPON BY: (SCD NO/NEED DATE)	
S70022- /840630 S70023- /	S42000- /840930
- /	- /
- /	- /

LIFE CYCLE SCHEDULE						MANUALS					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	840822					FCA					
SDS						INT_TST					
SDR	840919					REL_GE					
DS_DFT	840930			850108	C	RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS				851031	C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST											
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					
C-Complete	R-Req'd	X-Not Appli.	?	Unknown							

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP:
SYS REL: -

SCD NO: 70022 TITLE: Single-Node Update-Oracle

DESCRIPTION: Modifications to the CDMP algorithms, providing ability to handle NDML update requests to data resident in single-node Oracle databases

CONTAINS:

TCD#	TITLE
73420	NDML for Oracle Update

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S70021-DS	Single-Node Update-Total	840930		

DEPENDED UPON BY: (SCD NO/NEED DATE)

S70024-				S42010-	/850115
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LIFE CYCLE SCHEDULE						MANUALS					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	840822					FCA					
SDS						INT_TST					
SDR	840930					REL_GE					
DS_DFT	841015			850201	C	RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS				851031	C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						UM					
CODE_END						SUM					
UNIT_TST						OM					
UTR						DBM					

ST-Status Date=yyymmdd

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70023 TITLE: Single-Node Update - DBMS-11

DESCRIPTION: Modifications to the GDMF algorithms, providing ability to handle NDML update requests to data resident in single-node DBMS-11 databases

CONTAINS:

TCD# TITLE
73440 NDML for DBMS-11 Update

DEPENDS UPON:	TITLE	SCHED	EST	ST
S/TCD # LC-ID		NEED	ACTUAL	
S70021-DS	Single-Node Update-Total			

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S42010-____/____/____
____-____/____/____
____-____/____/____

LC-ID	SCHED	RV	LIFE CYCLE			LC ID	SCHED	RV	EST	ACTUAL	ST
			EST	ACTUAL	ST						
SRD	841115					FCA					
SDS						INT_TST					
SDR	841201				C	REL_GE					
DS_DFT	850115				C	RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS				851031	C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status Date-yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70024 TITLE: Single-Node Update - DB2, IMS

DESCRIPTION: Modifications to the CDMP algorithms, providing ability to handle NDML update requests to data resident in single-node DB2 or IMS databases.

CONTAINS:

TCD#	TITLE
73441	NDML for IMS Update
73442	NDML for DB2 Update

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S70022-DS	Single-Node Update-Oracle			

DEPENDED UPON BY: (SCD NO/NEED DATE)

SCD NO	NEED	DATE

LIFE CYCLE					SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	850201					FCA					
SDS						INT_TST					
SDR	850301					REL_GE					
DS_DFT	850401					RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					

C=Complete R=Req'd X=Not Appli. ?=Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70031 TITLE: CDMI Enhancements

DESCRIPTION: Modifications to the CDMI information model, providing support for keywords, descriptions, synonyms, domains, and range checks IDEF1 modeling support

CONTAINS:

TCD#	TITLE
73501	CDMI Enhancements - Keywords
73502	" " - Descriptions
73506	" " - Synonyms
73504	" " - Domains and Data Type Checking
73520	" " - IDEF1 Modeling Support
73511	" " - Redundant Data

DEPENDS UPON:

S/TCD #	LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST

DEPENDED UPON BY: (SCD NO/NEED DATE)

SCD NO	NEED DATE
S70032	/840901

LIFE CYCLE					SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS	840901			841210	C	STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DEM					

C=Complete R=Req'd X=Not Appli. ?=Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70032 TITLE: CDM1 Enhancements

DESCRIPTION: Modifications to the CDM1 information model, providing support for assertions and triggers, repeating groups, and redefined data

CONTAINS:

TCD#	TITLE
73505	CDM1 Enhancements - Integrity and Constraint Definition
73550	" " - Internal Schemas

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S70033-DBS	CDM1 Enhancements	840901		

DEPENDED UPON BY: (SCD NO/NEED DATE)

S70032-	/841201				S48030-	/841201
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LC-ID	SCHED	RV	EST	ACTUAL	ST	LIFE CYCLE	SCHEDULE	SCHED	RV	EST	ACTUAL	ST
SRD							FCA					
SDS							INT_TST					
SDR							REL_GE					
DS_DFT							RSK_AREA					
STP							OK_BY_GE					
PDR							RELEASE					
DS							IFA					
DBS	841201			841210	C		STR					
PS_DFT							TST_AREA					
UTP							GEN_AREA					
CDR							PCA					
PS												
CODE_ST							MANUALS					
CODE_END							UM					
UNIT_TST							SUM					
UTR							OM					
ST-Status	Date-yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: GDM
SSGRP:
SYS REL: —

DESCRIPTION: Modifications to the CDM1 information model, providing support for describing DE2 and VSAM and flat files.

TCD#	TITLE
73517	CDM1 Enhancements - DB2
73518	" " - VSAM
73519	" " - Flat Files

DEPENDS UPON:		SCHED	EST	ST
S/TCD #	LC-ID	NEED	ACTUAL	
S70032-DBS	CDM1 Enhancements	841201		
-				
-				
-				
-				
-				

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S42020-_____/850315

_____-_____/_____-_____/_____

		LIFE CYCLE SCHEDULE									
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						PCA					
SDS						INT_TST					
SDR						REL_GE	850315				
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS	850315					STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date-yyymmdd					DBM					
C-Complete R-Req'd X-Not Appli. ?-Unknown											

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70041 TITLE: NDML Extensions

DESCRIPTION: Modifications to the CDMP algorithms, providing ability to handle various enhancements to the NDML Select Statements

CONTAINS:

TCD#	TITLE
73436	NDML Where Clause Enhancements - Outer Join
73437	" " " " - Order by Clause
73438	" " " " - Distinct Clause
73439	" " " " - Column Statistics
73406	" Enhancements - Synonyms

DEPENDS UPON:

S/TCD #	LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDED UPON BY: (SCD NO/NEED DATE)

S41200- /840930

LIFE CYCLE SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST
SRD	840822				C
SDS					
SDR	840919				C
DS DFT	840930				C
STP					
PDR					
DS			851031		C
DBS					
PS DFT					
UTP					
CDR					
PS					
CODE ST					
CODE END					
UNIT TST					
UTR					
ST-Status	Date-yyymmdd				
C-Complete	R-Req'd	X-Not	Appli.	?-Unknown	

1 November 1985

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70042 TITLE: CDMP Enhancements

DESCRIPTION: Modifications to the CDMP algorithms, providing support for enforcing domains and range checking assertions, improved internal schema mappings, horizontal partitioning, unions

CONTAINS:

TCD#	TITLE
73404	NDML Enhancement - Domains and Data Type Checking
73405	" - Integrity and Constraint Checking
72210	CDMP-UI Interface - Domains and Data Types
72220	" - Assertions
73450	NDML Enhancement - CS/IS Mappings - Redefined Data
73460	" - Horizontal Partitioning in CS/IS Mapping
73461	" - Unions in CS/IS Mapping

DEPENDS UPON:

S/TCD #LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
T S35010	Consistent Data Access	841201		
T S31330	Condition Evaluation	841201		

DEPENDENT UPON BY: (SCD NO/NEED DATE)

S48030-	/850115	S41410-	/850115
-	-	-	-

LIFE CYCLE SCHEDULE

LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	841115				C	FCA					
SDS						INT_TST					
SDR	841201				C	REL_GE	850301				C
DS_DFT	850115				C	RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS				851031	C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

SCD620122000
1 November 1985

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SCHEDULE CONTROL DOCUMENT**

ORG DATE: 840718
REV. NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: GDM
SSGRP: —
SYS REL:

SCD NO: 70043 TITLE: CDMP Enhancements

DESCRIPTION: Modifications to the CDMP algorithms to reflect results of testing and user experience

CONTAINS:

TCD#	TITLE
73710	Design Specification Revisions

DEPENDS UPON:	SCHED	EST	ST
S/TCD # LC-ID TITLE	NEED	ACTUAL	
- - Performance Testing	-	-	-
- - Analyze Operational Performance	-	-	-
- -	-	-	-
- -	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE					SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						PCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT	850401				C	RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS				851031	C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date-yyymmdd					DBM					
C-Complete R-Req'd X-Not Appli. ?-Unknown											

1 November 1985

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70051 TITLE: Revised CDMA Manual

DESCRIPTION: Revisions to CDMA Manual to include various sections

CONTAINS:

TCD#	TITLE
74121	NDDL into CDMA Manual
74122	IMS and Total Extension into CDMA Manual

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
S41300	Total QP Generator	840901		
S41310	IMS QP Generator	840901		

DEPENDENT UPON BY: (SCD NO/NEED DATE)

SCD NO/NEED DATE	SCD NO/NEED DATE	SCD NO/NEED DATE

LIFE CYCLE SCHEDULE					MANUALS						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST											
CODE_END						UM	850401			851031	C
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					

C-Complete R-Req'd I-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70052 TITLE: Revised CDMA Manual

DESCRIPTION: Revisions to CDMA Manual to include various sections.

CONTAINS:

TCD#	TITLE
74123	DB2 IS Extensions into CDMA Manual
74124	VSAM " " " "
74125	Flat File " " " "
74126	Redundant Data Treatment " "
74128	CDM Utilities into CDMA Manual
74129	CDM Reports " " "
74127	IDEFI Modeling Support into CDMA Manual

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
TCD41401-S41400	Remove Compile R Link	850101	_____	___
TCD44250-S50320	System Data Utilities Agmts	850101	_____	___
TCD48010-S48060	CDM Analysis & Rptg Tools	850101	_____	___
TCD48015-S48070	CDM Report Using UIMS Rpt Wor	850101	_____	___
TCD48020-S48010	Keyword Cross Reference Reports	850101	_____	___
TCD48200-S48010	IS Command Processor Dvlpmnt	850101	_____	___
TCD48070-S48010	NDDL Commands for Synonyms	850101	_____	___
TCD48080-S48000	NDDL Commands for Synonyms	850101	_____	___

DEPENDENT UPON BY: (SCD NO/NEED DATE)

LIFE CYCLE SCHEDULE						SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	_____	_____	_____	_____	___	FCA	_____	_____	_____	_____	___
SDS	_____	_____	_____	_____	___	INT_TST	_____	_____	_____	_____	___
SDR	_____	_____	_____	_____	___	REL_GE	_____	_____	_____	_____	___
DS_DFT	_____	_____	_____	_____	___	RSK_AREA	_____	_____	_____	_____	___
STP	_____	_____	_____	_____	___	OK_BY_GE	_____	_____	_____	_____	___
PDR	_____	_____	_____	_____	___	RELEASE	_____	_____	_____	_____	___
DS	_____	_____	_____	_____	___	IFA	_____	_____	_____	_____	___
DBS	_____	_____	_____	_____	___	STR	_____	_____	_____	_____	___
PS_DFT	_____	_____	_____	_____	___	TST_AREA	_____	_____	_____	_____	___
UTP	_____	_____	_____	_____	___	GEN_AREA	_____	_____	_____	_____	___
CDR	_____	_____	_____	_____	___	PCA	_____	_____	_____	_____	___
PS	_____	_____	_____	_____	___						
CODE_ST	_____	_____	_____	_____	___	MANUALS					
CODE_END	_____	_____	_____	_____	___	UM	850401	_____	851031	_____	C
UNIT_TST	_____	_____	_____	_____	___	SUM	_____	_____	_____	_____	___
UTR	_____	_____	_____	_____	___	OM	_____	_____	_____	_____	___
ST-Status Date=yyymmdd						DBM	_____	_____	_____	_____	___

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70060 TITLE: NDDL Users' Guide

DESCRIPTION: Develop users' guide for the NDDL. This task includes refinement of the NDDL.

CONTAINS:

TCD#	TITLE
73620	NDDL Users' Guide
73610	NDDL Syntax Refinement
72130	Review NDDL Processors

DEPENDS UPON:

S/TCD # LC-ID	TITLE	SCHED NEED	EST ACTUAL	ST
TCD48030				
TCD48035-S48010				
TCD48050-S46030				
TCD48100				
TCD48060				
TCD48300				
TCD48070				
TCD48080-S48000				

DEPENDED UPON BY: (SCD NO/NEED DATE)

SCD NO/NEED DATE	SCD NO/NEED DATE	SCD NO/NEED DATE

LIFE CYCLE SCHEDULE					LIFE CYCLE SCHEDULE						
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD						FCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM	850401			851031	C
UNIT_TST						SUM					
UTR						OM					
ST-Status Date=yyymmdd						DBM					

C-Complete R-Req'd X-Not Appli. ?-Unknown

ICAM/IISS
SCHEDULE CONTROL DOCUMENT

ORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP:
SYS REL: -

SCD NO: 70070 TITLE: Redundant Data

DESCRIPTION: Modifications to CDMP algorithms for query access to replicated data

CONTAINS:

TCD#	TITLE
73411	NDML Enhancements - Redundant Data
74130	Redundant Data

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDED UPON BY: (SCD NO/NEED DATE) S41410- /850115

LIFE CYCLE						SCHEDULE					
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	841115				C	FCA					
SDS						INT_TST					
SDR	841201				C	REL_GE					
DS_DFT	850115				C	RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS				851031	C	IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status	Date=yyymmdd					DBM					
C-Complete R-Req'd X-Not Appli. ?-Unknown											

ICAM/IISS
SCHEDULE CONTROL DOCUMENTORG DATE: 840718
REV.NO: 3
REV DATE: 851031
RESP: DACOM
SUBSYS: CDM
SSGRP: -
SYS REL: -

SCD NO: 70080 TITLE: CDM Change Impact Analysis

DESCRIPTION: Requirements for detecting impact of changes to part of
the CDM to other parts of the CDM

CONTAINS:

TCD# TITLE
75010 CDM Change Impact Analysis

DEPENDS UPON:			SCHED	EST	ST
S/TCD # LC-ID	TITLE		NEED	ACTUAL	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

DEPENDENT UPON BY: (SCD NO/NEED DATE)

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

LIFE CYCLE SCHEDULE											
LC-ID	SCHED	RV	EST	ACTUAL	ST	LC ID	SCHED	RV	EST	ACTUAL	ST
SRD	841201			850201	C	PCA					
SDS						INT_TST					
SDR						REL_GE					
DS_DFT						RSK_AREA					
STP						OK_BY_GE					
PDR						RELEASE					
DS						IFA					
DBS						STR					
PS_DFT						TST_AREA					
UTP						GEN_AREA					
CDR						PCA					
PS											
CODE_ST						MANUALS					
CODE_END						UM					
UNIT_TST						SUM					
UTR						OM					
ST-Status Date-yyymmdd						DEM					
C-Complete R-Req'd X-Not Appli. ?-Unknown											

END

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