

AD-A181 785

INTEGRATED INFORMATION SUPPORT SYSTEM (IIS) VOLUME 5

1/5

COMMON DATA MODEL 5. (U) GENERAL ELECTRIC CO

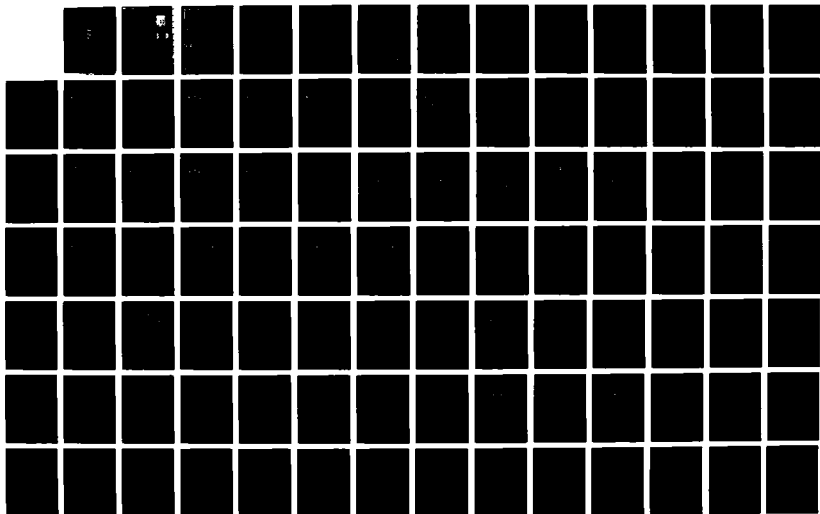
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**AFVAL-TR-86-4006
Volume V
Part 6**

AD-A181 705



**INTEGRATED INFORMATION
SUPPORT SYSTEM (IISS)
Volume V - Common Data Model Subsystem
Part 6 - MDDL Processor Product Specification
Section 3.10.9 through 4.2**

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

**DTIC
ELECTE
JUN 25 1987
S D D**

**Final Report for Period 22 September 1980 - 31 July 1985
November 1985**

Approved for public release; distribution is unlimited.

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

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19. ABSTRACT (Continue on reverse if necessary and identify by block number)			
This document is the product specification establishing the design implementation of the IISS Configuration Item Neutral Data Definition Language NDOL which is the primary tool used for maintaining the Common Data Model (CDM) data base.			
20. DISTRIBUTION AVAILABILITY OF ABSTRACT UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT ☐ OTHER ☐		21. ABSTRACT SECURITY CLASSIFICATION Unclassified	
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11. Title

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Vol V - Common Data Model Subsystem
Part 6 - NDDL Processor Product Specification
Section 3.10.9 through 4.2

A S D 86 1481
17 Jul 1986



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DTIC TAB	☐
Unannounced	☐
Justification	
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Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

PREFACE

This product specification 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. *(Page 111)*

The subcontractors and their contributing activities were as follows:

TASK 4.2

<u>Subcontractors</u>	<u>Role</u>
Boeing Military Aircraft Company (EMAC)	Reviewer
D. Appleton Company (DAGOM)	Responsible for IDEF support, state-of-the-art literature search
General Dynamics/ Ft. Worth	Responsible for factory view function and information models

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 IDEFO 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.**

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1 November 1985

Subcontractors

Role

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:

Contractors

ICAM Project

Contributing Activities

Boeing Military
Aircraft Company
(BMAC)

1701, 2201,
2202

Enhancements for IBM
node use. Technology
Transfer to Integrated
Sheet Metal Center
(ISMC)

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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 (DAOGM)	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)
Systan	1502	Test Bed enhancements. Operation of Test Bed.

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PS 620141100
1 November 1985

FOREWORD

This is the fourth bound segment of four comprising Volume V, Part 6 of the Final Technical Report. It contains Section 3.10.9 through 4.2.

PS 620141100
1 November 1985

3.10.9 Include File Descriptions

The following list contains a purpose and description of each include file listed in 3.10.4 as specified in the source code. The language it is written in is also given.

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: CHKMODL

PURPOSE: DETERMINE IF CURRENT MODEL EXISTS FOR A SESSION

LANGUAGE: VAX-11 COBOL

DESCRIPTION:

DETERMINE IF THE GLOBAL VARIABLE MODEL-NO HAS A CURRENT
MODEL NUMBER. THIS WILL BE SET BY THE CREATE MODEL OR THE
ALTER MODEL COMMAND PROCESSOR. IF MODEL-NO CONTAINS
A ZERO, THEN A CURRENT MODEL HAS NOT BEEN ESTABLISHED

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: CMDS
PURPOSE: COMMAND NO. FOR EACH NDDL/NDML COMMAND
LANGUAGE: C

DESCRIPTION:

DESCRIPTION
CONTAINS THE UNIQUE COMMAND NUMBER FOR EACH NDDL AND
NDML COMMAND. THIS NUMBER IS USED IN PROCESSING TO
DETERMINE THE APPROPRIATE PROCESSOR TO EXECUTE.

PS 680141100
1 November 1965

MODEL COMMAND PROCESSOR Include File Description

FILE NAME: COPY
PURPOSE: PROCESS ERROR INCLUDE FILE
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

PS 000141100
1 November 1985

MODEL COMMAND PROCESSOR Include File Description

FILE NAME: ECLIST
PURPOSE: CONTAINS A LIST OF ENTITY CLASS NUMBERS
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

THIS LIST IS USED WHEN PROCESSING MODEL
MODELING COMMANDS

PS 620141100
1 November 1985

NDL COMMAND PROCESSOR Include File Description

FILE NAME: ERRPRO
PURPOSE: PROCESS ERROR INCLUDE FILE
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

PS 620141100
1 November 1965

EDDL COMMAND PROCESSOR Include File Description

FILE NAME: FPCODE
PURPOSE: FORM PROCESSOR RETURN CODES
LANGUAGE: C

DESCRIPTION:

PS 620141100
1 November 1985

MDL COMMAND PROCESSOR Include File Description

FILE NAME: FPPARM
PURPOSE: FORM PROCESSOR PARAMETERS
LANGUAGE: C

DESCRIPTION:

**DESCRIPTION: THESE DATA DEFINITIONS ARE USED
IN THE FORM PROCESSOR ROUTINES.**

PS 620141100
1 November 1985

DDDL COMMAND PROCESSOR Include File Description

FILE NAME: KCLIST
PURPOSE: PROCESS ERROR INCLUDE FILE
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

PS 620141100
1 November 1955

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: KEYLIST

PURPOSE: DATA STRUCTURE FOR NDDL MODELLING COMMANDS

LANGUAGE: C

DESCRIPTION:

DESCRIPTION

**DATA STRUCTURE THAT HOLDS ENTITIES ITS KEY CLASSES AND
KEY CLASS MEMBERS. THIS STRUCTURE IS USED FOR THE
NDDL MODELLING COMMANDS.**

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: KWDTEL
PURPOSE: KEYWORD TABLE
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

**LIST OF KEYWORDS, OBJECT NUMBER, KEYWORD NUMBER
BELONGING IN THE MODEL**

PS 620141100
1 November 1985

WDDL COMMAND PROCESSOR Include File Description

FILE NAME: LISTID
PURPOSE: PROVIDES LIST OF PARSED OBJECTS
LANGUAGE: C

DESCRIPTION:

DESCRIPTION

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: LISTNOS
PURPOSE: VALID LIST NUMBERS
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

**LISTNOS INCLUDE FILE WILL CONTAIN THE LIST NUMBERS FOR THE
TOKENS OF THE NDDL COMMANDS**

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: LISTREL
PURPOSE: LIST OF RELATIONS
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

TABLE HOLDS RELATIONS CLASS NUMBERS AND NAMES

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: LISTS

PURPOSE: PROVIDES THE DIMENSIONS OF THE NDDL LISTS

LANGUAGE: C

DESCRIPTION:

DESCRIPTION

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: NDDL

PURPOSE: **** PURPOSE NOT FOUND BY STRIPPER ****

LANGUAGE: C

DESCRIPTION:

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: NDDLEXY

PURPOSE: ** PURPOSE NOT FOUND BY STRIPPER ******

LANGUAGE: C

DESCRIPTION:

PS 620141100
1 November 1985

NEOL COMMAND PROCESSOR Include File Description

FILE NAME: OK
PURPOSE: GOOD RETURN CODE VALUE FOR UI
LANGUAGE: C

DESCRIPTION:

DESCRIPTION

**CONTAINS THE VALUE FOR A GOOD RETURN CODE
FROM THE USER INTERFACE**

PS 820141100
1 November 1985

DDL COMMAND PROCESSOR Include File Description

FILE NAME: ORCLEDA
PURPOSE: VS DEFINITION FOR THE ORACLE LOGIN AREA
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

THE ORACLE LOGON DATA AREA

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: RCDEPEC
PURPOSE: LIST OF KEYS MIGRATED VIA A RELATION
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

The RC-DEPEC-LIST is used by the NDDL
modeling commands to identify which key

PS 620141100
1 November 1985

NDOL COMMAND PROCESSOR Include File Description

FILE NAME: RELTEL
PURPOSE: LIST OF RELATION CLASSES IN A MODEL
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

HOLD RELATION CLASS NUMBERS BELONGING TO A MODEL

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: RENLIST
PURPOSE: LIST OF ATTRIBUTES AND INHERITED TAG PAIRS
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: SDLIST
PURPOSE: SEC-DECOMPOSITION-LIST
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

THIS LIST REPRESENTS ALL ENTITY CLASSES AND
RELATIONS
MAKING UP EITHER THE SURROGATE ENTITY CLASS
OR THE COMBINATION OF SEC'S RESULTING FROM JOINS
IN THE NDML SELECT STATEMENT.
THIS TABLE IS USED AS INPUT TO ROUTINE CDP4A
WHICH CAN VERIFY THE LEGALITY OF A SEC STRUCTURE

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: SRVRET
PURPOSE: AS THE RETURN GIVEN A TABLE-FULL ERROR
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

MODIFIED 11/2/83 TO INCLUDE RET-CODE-5 *
MODIFIED 1/9/84 TO INCREASE ALL ERROR CODES TO PIC X(5) *
AND TO ELIMINATE ALPHA'S *
MODIFIED 1/26/84 TO ADD RET-CODE FOR GETUSR-NOT-SUCC *
SRV-SUCCESSFUL ADDED FOR GENERIC RETURN *
MODIFIED 2/7/84 TO ADD ERROR CODES FOR ENTRY-NOT-FOUND *
MODIFIED 2/8/84 TO ADD WTHST-NOT-SUCCESSFUL *
MODIFIED 2/20/84 TO ADD TSTMOD NEW CODES. *
MODIFIED 20 AUG 84 INITIALIZE ALL LOCAL VARIABLES TO
SPACES OR 0.
MODIFIED 5/21/85 TO ADD RCL AND FILGEN RETURN CODES

NDOL COMMAND PROCESSOR Include File Description

FILE NAME: STDYTP
PURPOSE: STANDARD TYPE DEFINITIONS
LANGUAGE: C

DESCRIPTION:

DESCRIPTION

THIS FILE ENSURES THAT THE FOLLOWING STANDARD TYPES ARE
AVAILABLE:

FLOAT	- SINGLE PRECISION FLOAT
DOUBLE	- DOUBLE PRECISION FLOAT
LONG	- 32 BIT (OR LARGER) SIGNED INTEGER
LBITS	- 32 BITS (OR MORE) FOR BIT MANIPULATION
INT	- NATURAL SIZE SIGNED INTEGER
UNSIGNED	- NATURAL SIZE UNSIGNED INTEGER
BOOL	- NATURAL SIZE LOGICAL (ZERO / NON-ZERO ONLY)
SHORT	- 16 BIT (OR LARGER) SIGNED INTEGER
USHORT	- 16 BIT (OR LARGER) UNSIGNED INTEGER
BITS	- 16 BITS (OR MORE) FOR BIT MANIPULATION
CHAR	- SINGLE MACHINE CHARACTER (REAL CHARACTERS ALWAYS POSITIVE)
TINY	- 8 BIT (OR LARGER) SIGNED INTEGER
UTINY	- 8 BIT (OR LARGER) UNSIGNED INTEGER
TBITS	- 8 BITS (OR MORE) FOR BIT MANIPULATION
TBOOL	- 8 BIT (OR LARGER) LOGICAL (ZERO / NON-ZERO ONLY)
METACHAR	- 16 BIT (OR LARGER) AUGMENTED CHARACTER (SIGNED)
VOID	- FUNCTION THAT RETURNS NO VALUE
FORTRAM	- STORAGE CLASS FOR FOREIGN (NON-C) ROUTINES OR C ROUTINES WHICH ARE CALLABLE FROM FOREIGN ROUTINES

SINCE NOT ALL COMPILERS SUPPORT USHORT, TINY, AND UTINY,
THE FUNCTIONS

PS 620141100
1 November 1985

USMORT(), TINY(), AND UTINY() SHOULD BE USED WHENEVER
REFERENCING THEM.

IN ADDITION, THE FOLLOWING UTILITY MACROS ARE DEFINED:

LURSHIFT(N, B) - UNSIGNED LONG RIGHT SHIFT
MAX(A, B) - MAXIMUM OF A AND B
MIN(A, B) - MINIMUM OF A AND B

NDDL COMMAND PROCESSOR Include File Description

ABS(A) - ABSOLUTE VALUE OF A
STRASN(A, B) - TRANSPORTABLE A = B FOR STRUCTURES
NULL - NULL POINTER VALUE (0)
TRUE - 1
FALSE - 0
SUCCESS - EXIT(SUCCESS) INDICATES SUCCESSFUL
COMPLETION
FAILURE - EXIT(FAILURE) INDICATES ERRORS

**THE FOLLOWING SYMBOLS SHOULD BE DEFINED BASED ON THE
COMPILER BEING USED:**

USHORT - COMPILER SUPPORTS UNSIGNED SHORT
TINY - COMPILER TREATS CHAR AS SIGNED
UTINY - CHAR IS SIGNED AND COMPILER SUPPORTS
UNSIGNED CHAR
VOID - COMPILER SUPPORTS VOID
FORTAN - COMPILER SUPPORTS FORTRAN
STRASN - DEFINE APPROPRIATE MACRO
SUCCESS - DEFINE APPROPRIATE VALUE IF NOT 0
FAILURE - DEFINE APPROPRIATE VALUE IF NOT 1

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: UNIQENO
PURPOSE: UNIQUE NUMBER ASSIGNMENTS FOR CDM OBJECTS
LANGUAGE: C

DESCRIPTION:

DESCRIPTION

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: VWDI
PURPOSE: LIST OF DATA ITEMS IN A VIEW
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

USED BY CREATE VIEW..

PS 620141100
1 November 1985

MDDL COMMAND PROCESSOR Include File Description

FILE NAME: VWFROM
PURPOSE: LIST OF ENTITIES SPECIFIED IN A VIEW
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

IN THE 'FROM' CLAUSE

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: VWRC
PURPOSE: LIST OF RELATION CLASSES INHERENT TO A VIEW
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

USED IN THE 'WHERE' CLAUSE

PS 620141100
1 November 1985

NDOL COMMAND PROCESSOR Include File Description

FILE NAME: VVRETR
PURPOSE: LIST OF ENTITIES AND TAGS SPECIFIED IN A VIEW
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

IN THE SELECT CLAUSE

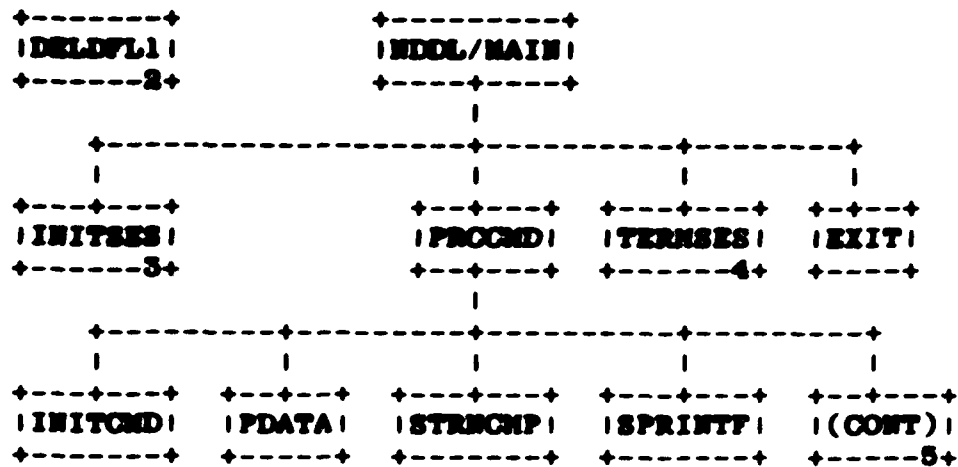
3.10.10 Hierarchy Chart

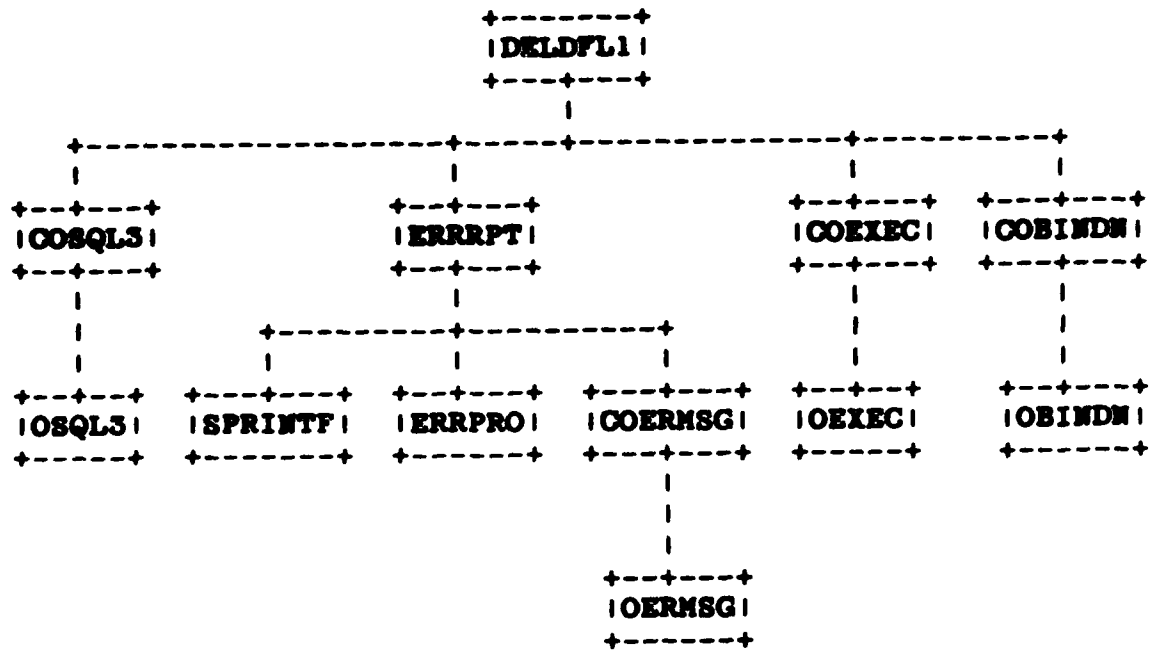
The following hierarchy charts show the relationships between all of the modules mentioned in the above documentation. A module may call a subroutine several times within its code, but the call will only be shown once as a single relationship on this hierarchy chart. All modules shown at the top of the first page are considered Main Programs as described in section 3.10.1 above.

There is an internal paging scheme as marked by the numbers in the upper right corner of each page. An index after the last page of the chart shows where a routine and its calls are first defined. If a routine has no page reference, it either makes no calls or is an external routine. A continuation box on the end of a tree limb shows where that the tree continues on the page numbered mentioned. A number in a box with a routine name points to the page where the routine is further defined within the hierarchy tree. If there is no number in a box, the routine either makes no calls or is an external routine.

PS 620141100
1 November 1965

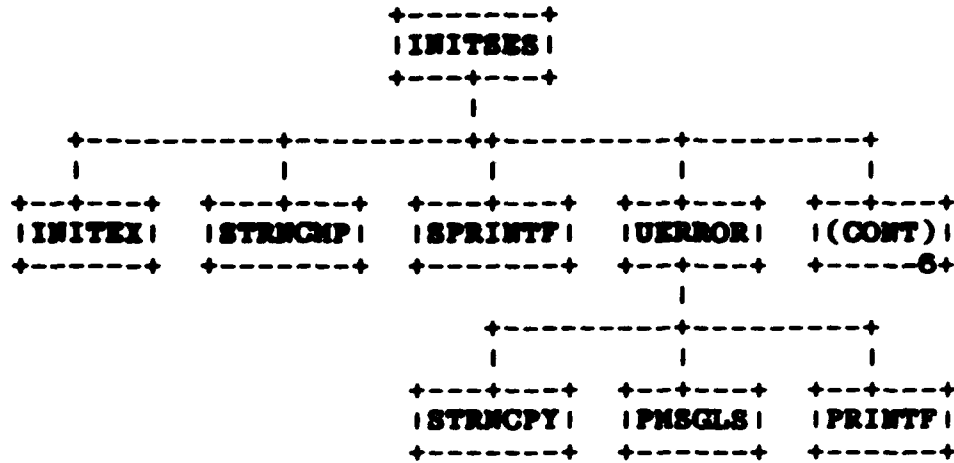
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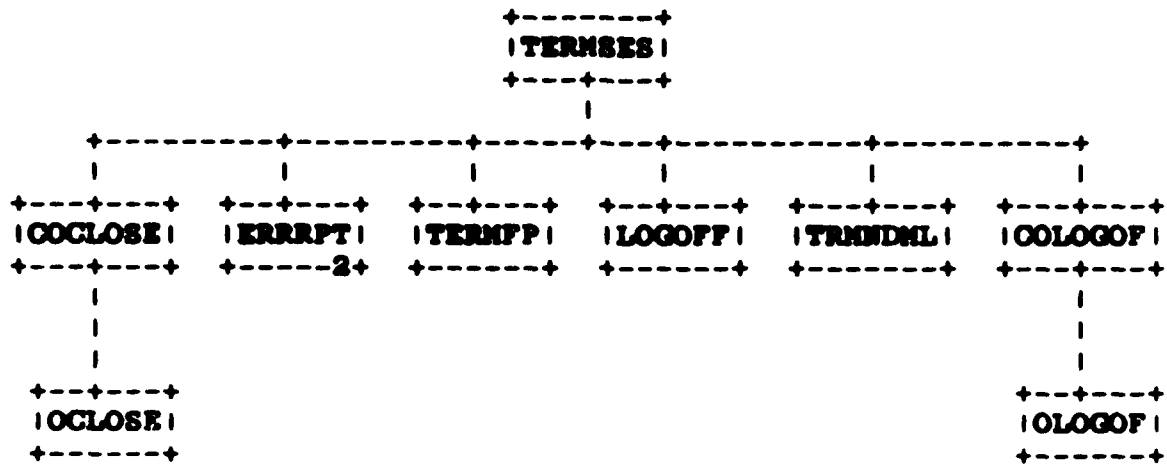


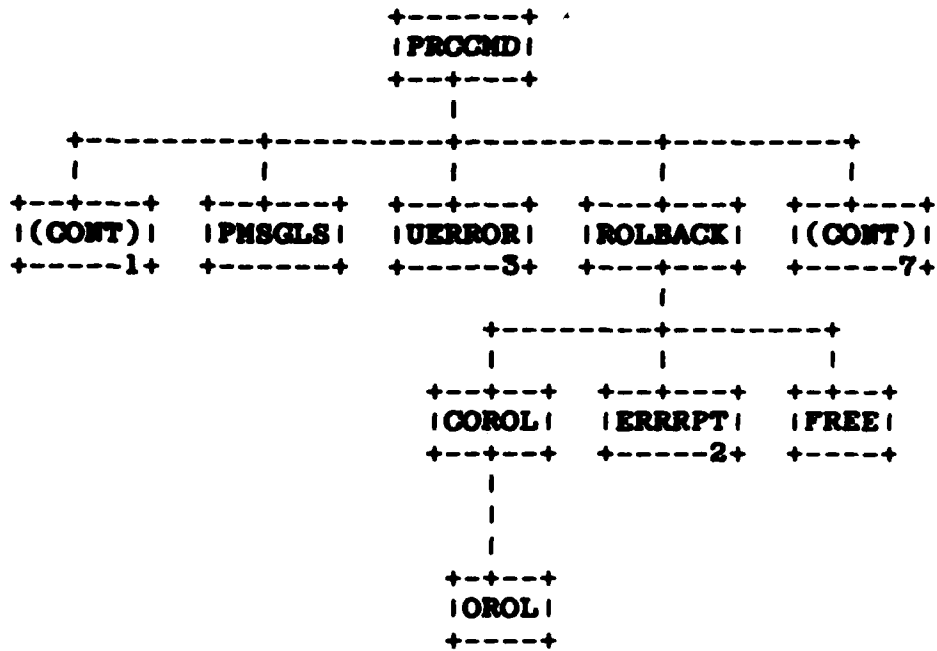


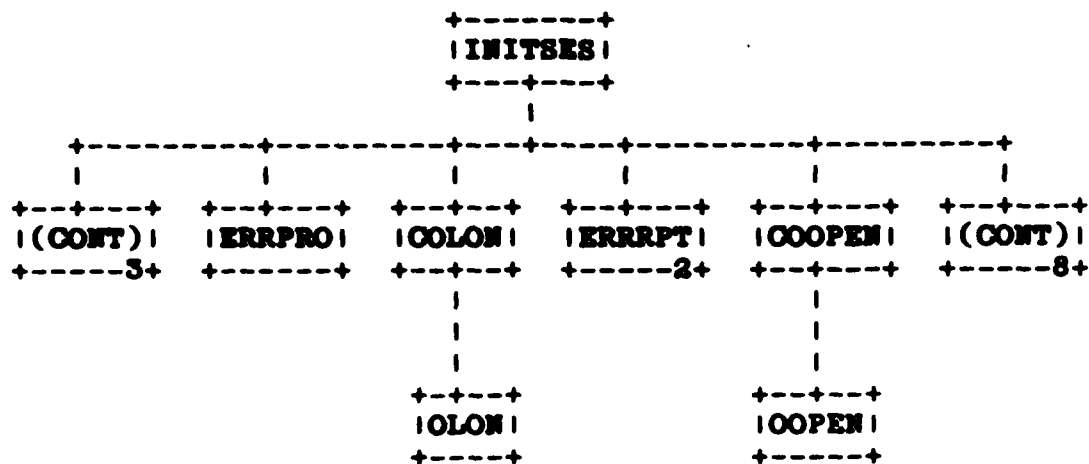
PS 620141100
1 November 1985

3



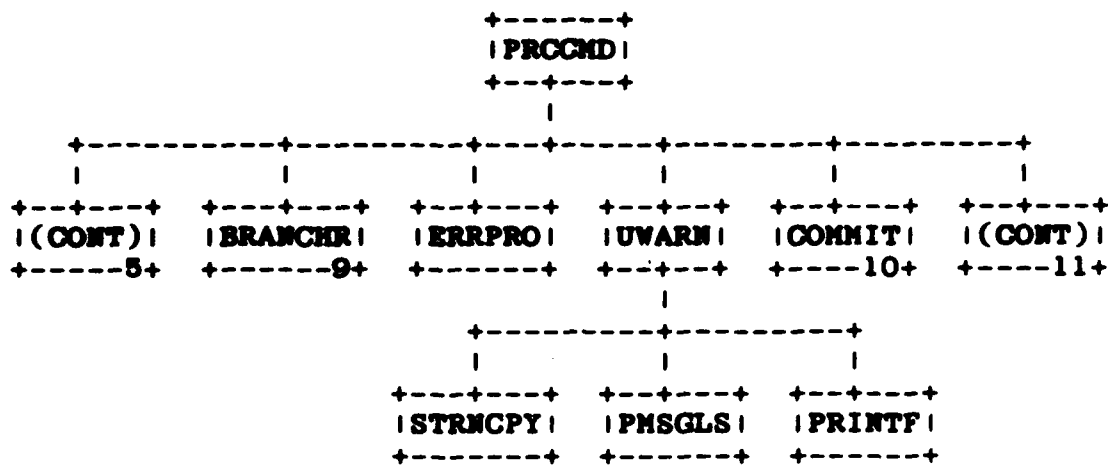






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1 November 1985

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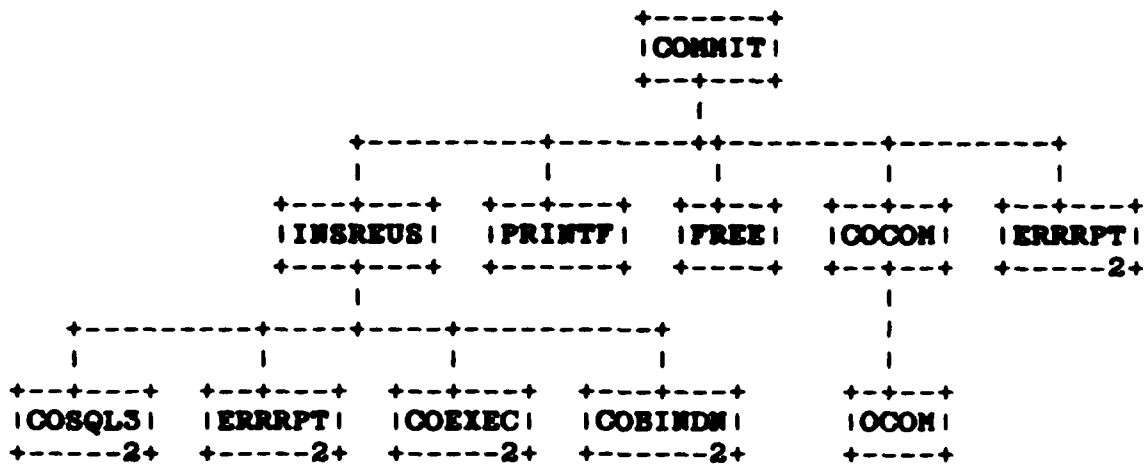


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1 November 1985

9

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+-----+
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+-----+-----+-----+-----+-----+
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+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| ERRPRO | | UERROR | | ALTALI | | ALTATT | | PRINTF | | (CONT) |
+-----+ +-----3+ +-----12+ +-----13+ +-----+ +-----14+
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1 November 1985

11

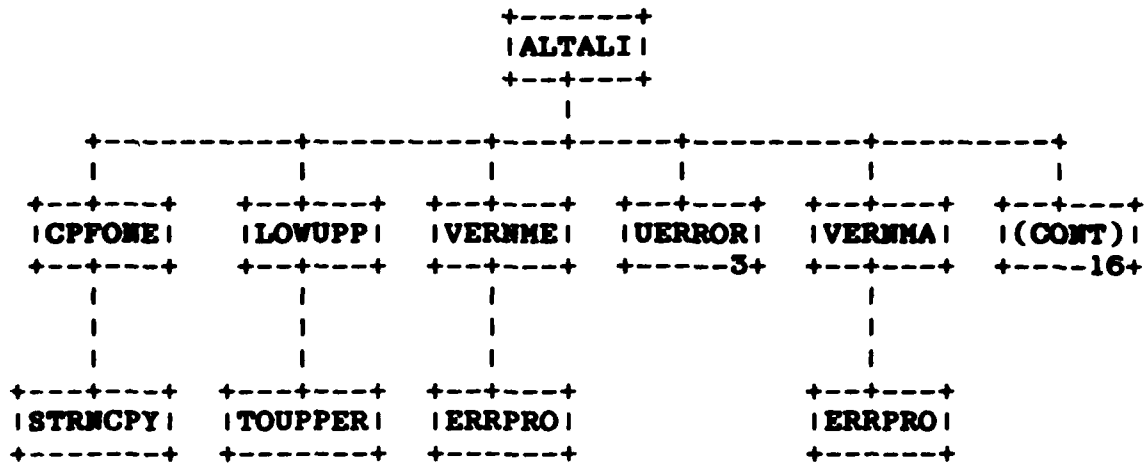
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+-----+
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+-----+
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+-----7+ +-----15+ +-----+ +-----+ +-----+ +-----+

```

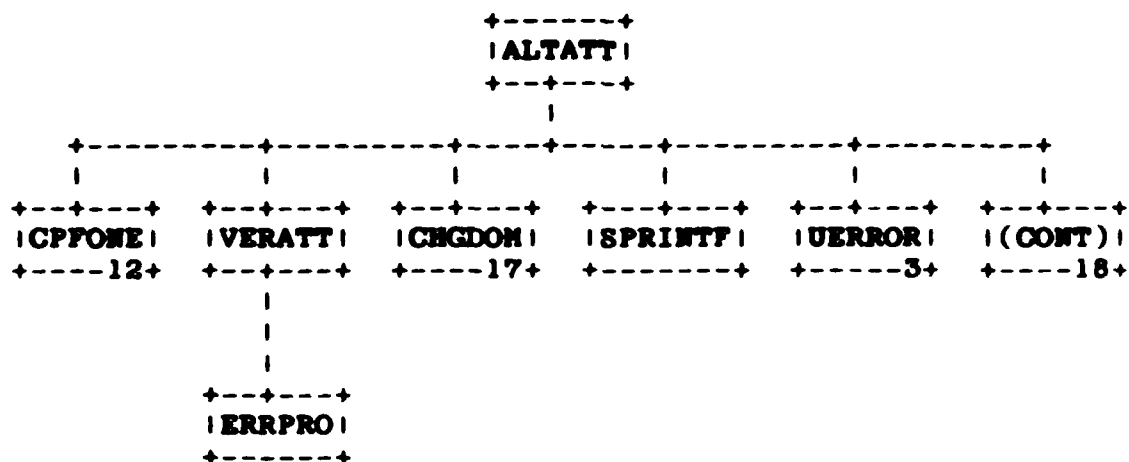

PS 620141100
1 November 1985

12



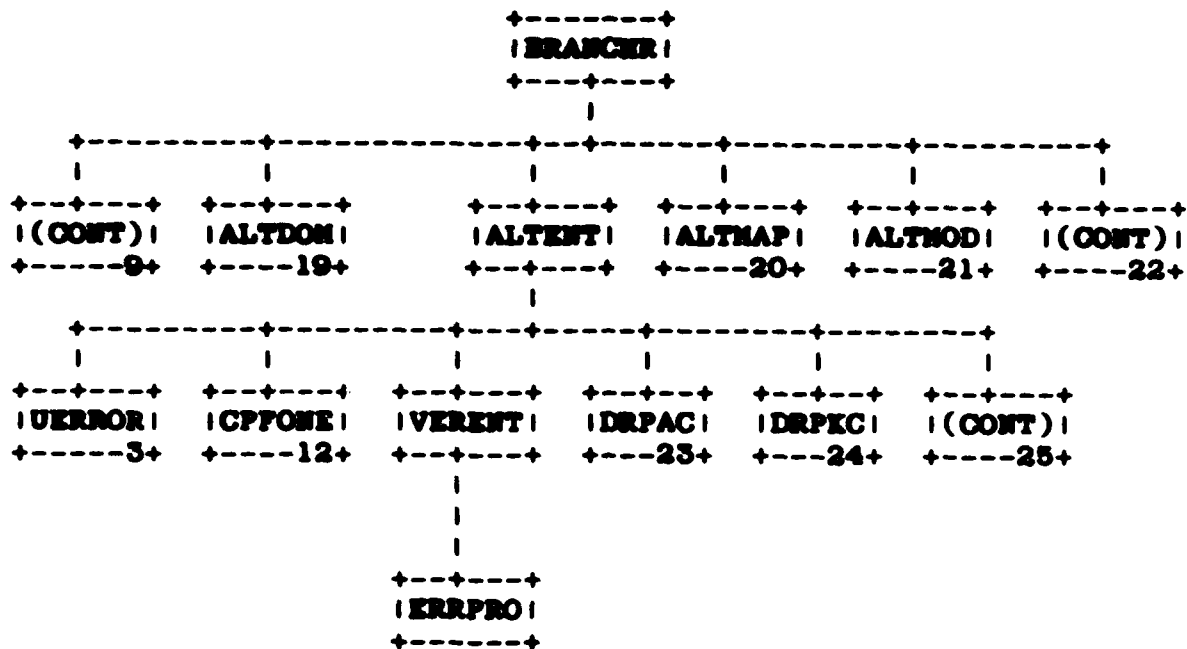
PS 620141100
1 November 1985

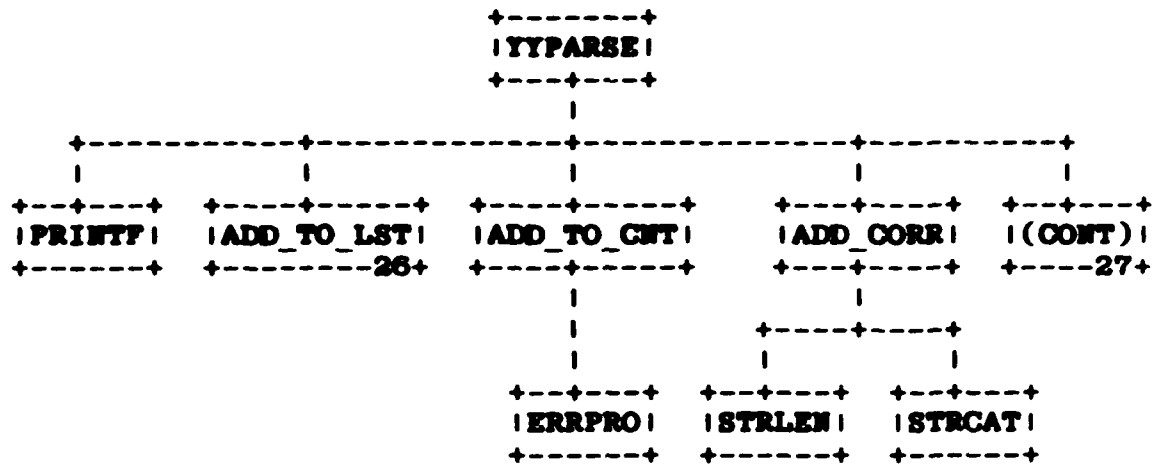
13

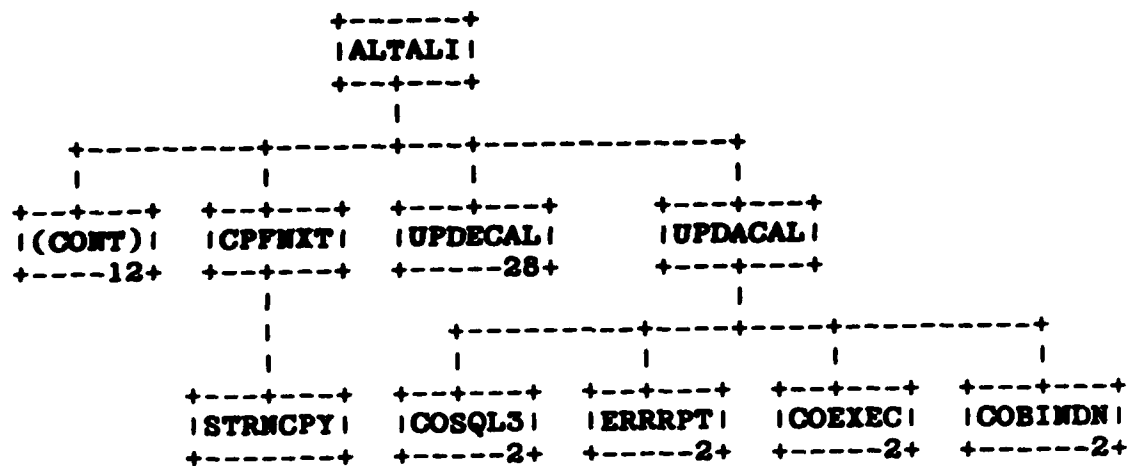


PS 620141100
1 November 1965

14







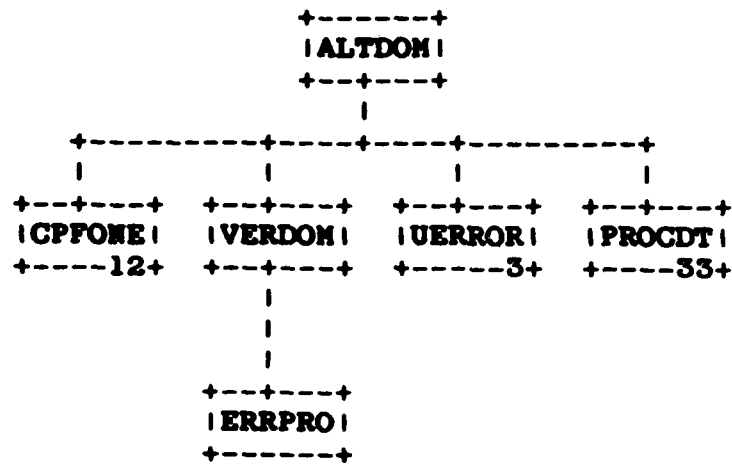
PS 620141100
1 November 1985

17

```
      +-----+  
      |CHGDOM|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|CPFONE| |VERDOM| |SPRINTF| |UERROR| |UPDAC|  
+-----12+ +-----19+ +-----+ +-----3+ +-----29+
```

18

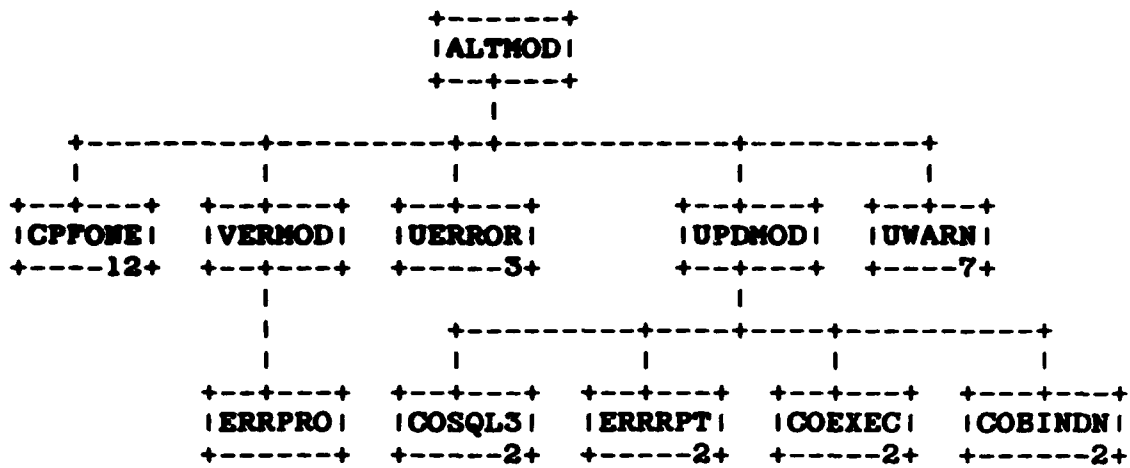
3-1134



PS 620141100
1 November 1985

20

```
      +-----+
      |ALTMAP|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|CPFONE| |VERENT| |SPRINTF| |UERROR| |CPFNXT| |(CONT)|
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|    -12+ |    -14+ |    -14+ |    -3+  |    -16+ |    -34+ |
```



PS 620141100
1 November 1985

22

```

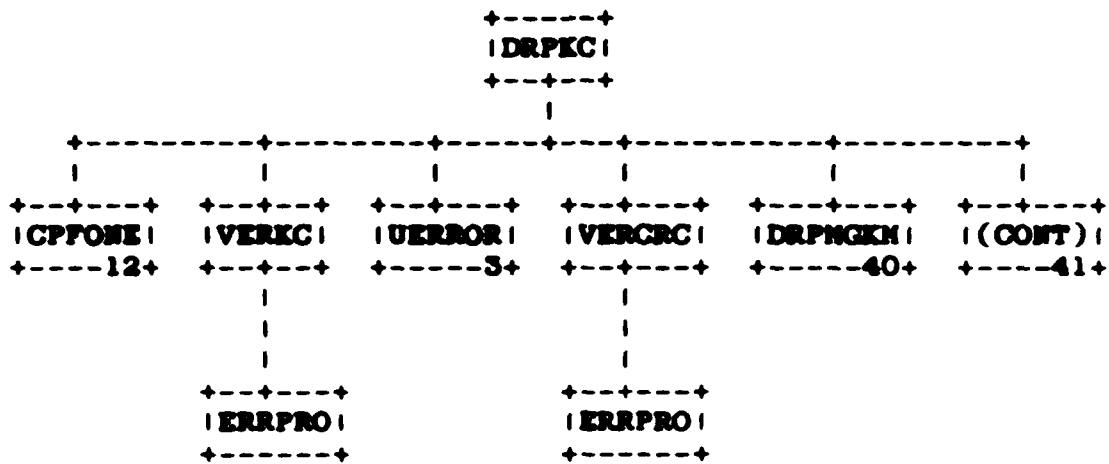
+-----+
| BRANCHR |
+-----+
|
+-----+-----+-----+-----+-----+
| | | | | |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | | ALTREL | | CHENOD | | CHBENT | | CHPHOD | | (CONT) |
+-----14+ +-----35+ +-----36+ +-----37+ +-----38+ +-----39+

```

PS 620141100
1 November 1985

23

```
      +-----+  
      |DRPAC|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|CPFONE| |VERATT| |UERROR| |DELOAC| |CPFNIT| |ERRPRO|  
+-----12+ +-----13+ +-----3+ +-----278+ +-----16+ +-----+
```



PS 620141100
1 November 1985

25

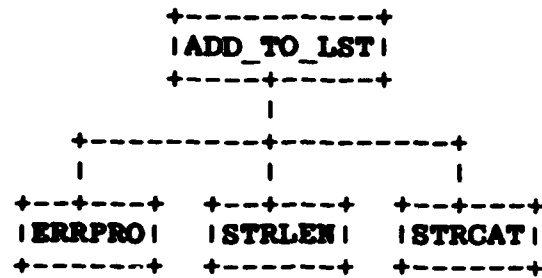
+-----+
|ALTENT|
+-----+

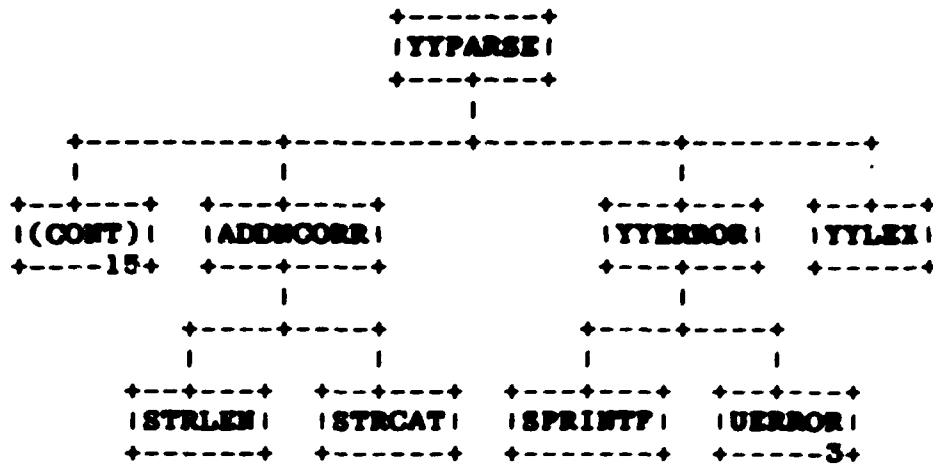
|

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
(CONT)	ADDATT	ADDKC	DRPKW	ADDKW	DELMTKC
+-----14+	+-----42+	+-----43+	+-----30+	+-----18+	+-----44+

PS 620141100
1 November 1985

26

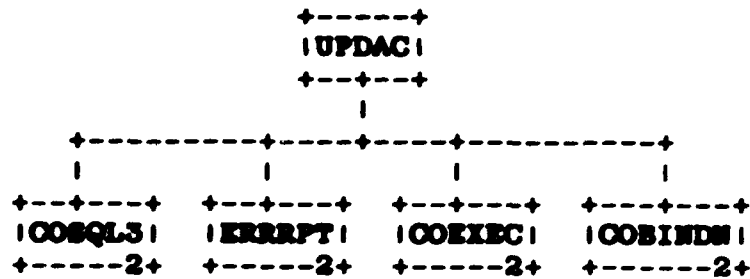




PS 620141100
1 November 1965

28

```
      +-----+  
      |UPDECAL|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQLS| |ERRRPT| |COSKEC| |COSINDW|  
+-----2+ +-----2+ +-----2+ +-----2+
```



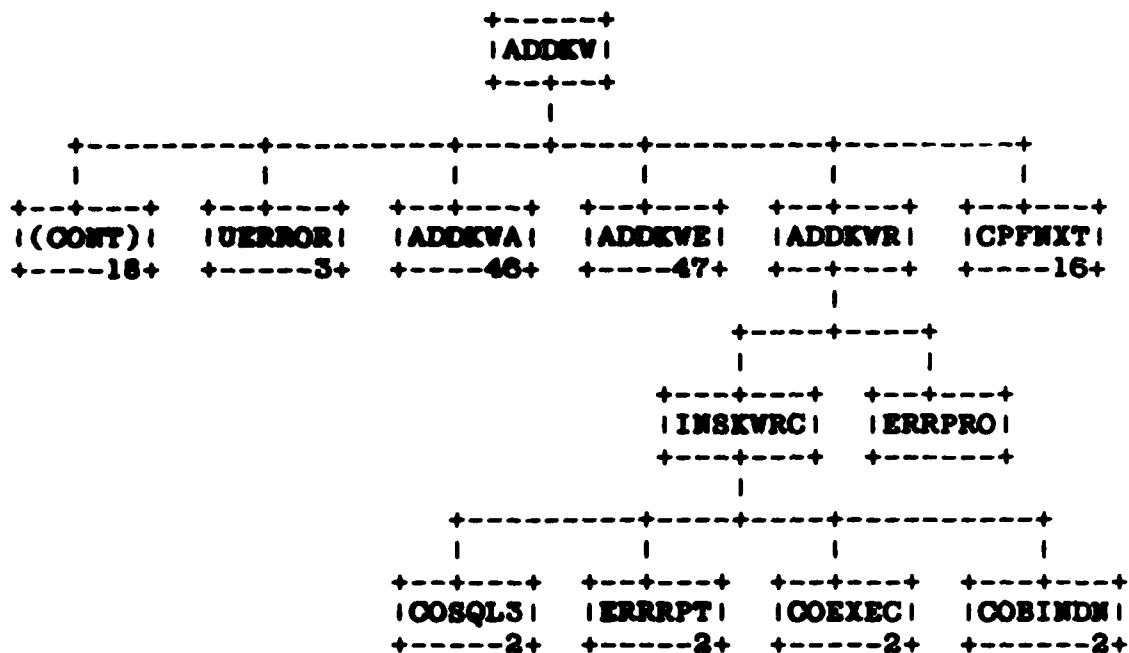
PS 620141100
1 November 1985

30

```
      +-----+  
      |DRPKV|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|CPPONE| |LOWUPP| |VERKV| |UERROR| |DELEWAC| |(CONT)|  
+-----12+ +-----12+ +---284+ +-----3+ +-----318+ +-----45+
```

31

3-1147



PS 620141100
1 November 1985

33

```
      +-----+  
      |PROCDT|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|CPFONE| |LOWUPP| |CPFMT| |CPFOOR| |UERNOR| |(CONT)|  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|12| |12| |16| |211| |5| |48|
```

PS 620141100
1 November 1985

34

```

      +-----+
      |ALTHAP|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+
| (CONT) | STRCMP | ALTHAP | DRPSHAP | (CONT) |
+-----+-----+-----+-----+
|    -20  |         |    -49  |    -50  |    -51  |
+-----+-----+-----+-----+

```

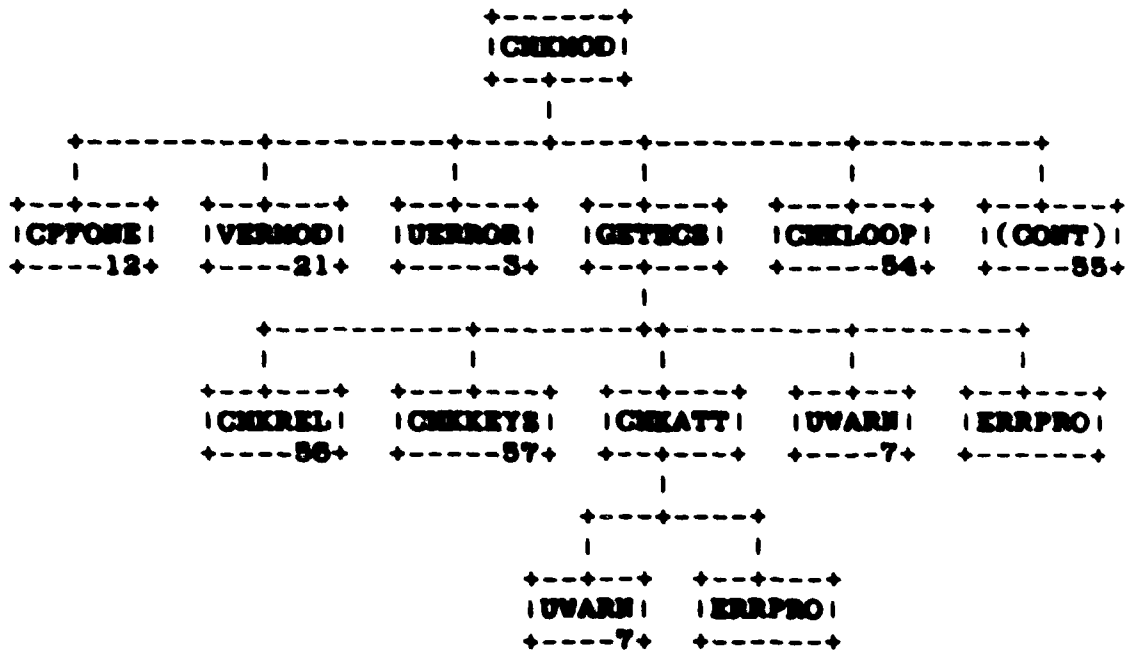
PS 620141100
1 November 1985

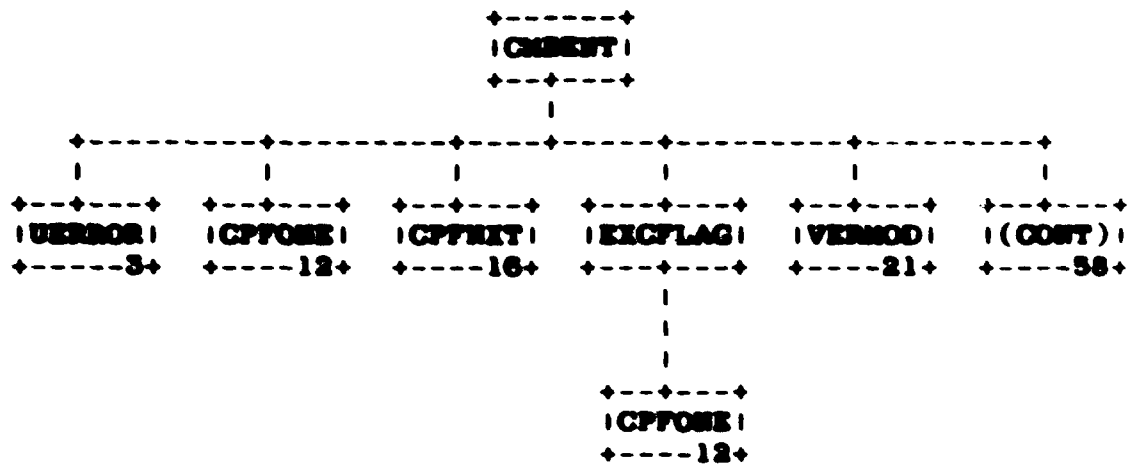
35

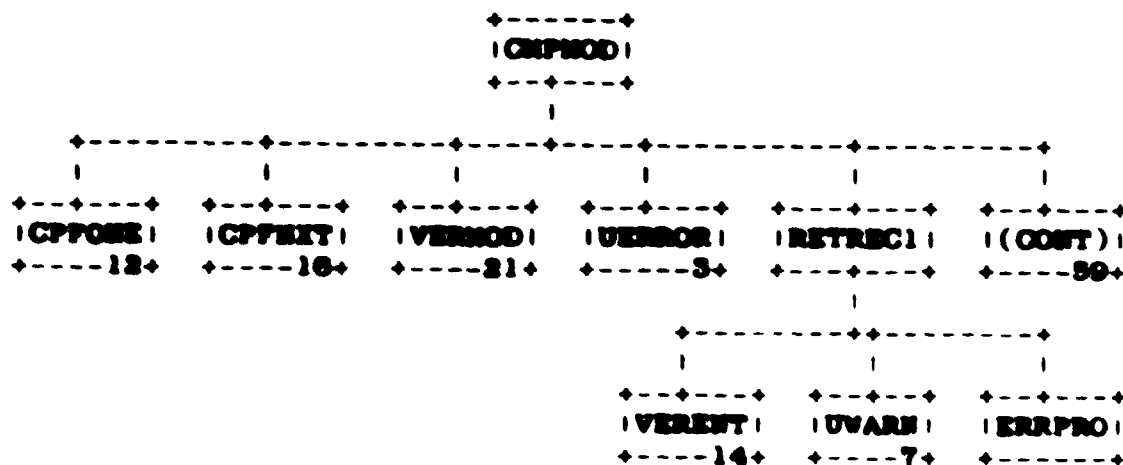
```

+-----+
|ALTRRL|
+-----+
|
+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|UERROR| |CPFONE| |CPFHXT| |VERREL| |ALTCARD| |(CONT)|
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|   -3  | |  -12  | |  -16  | |  -80  | |  -52  | |  -53  |

```





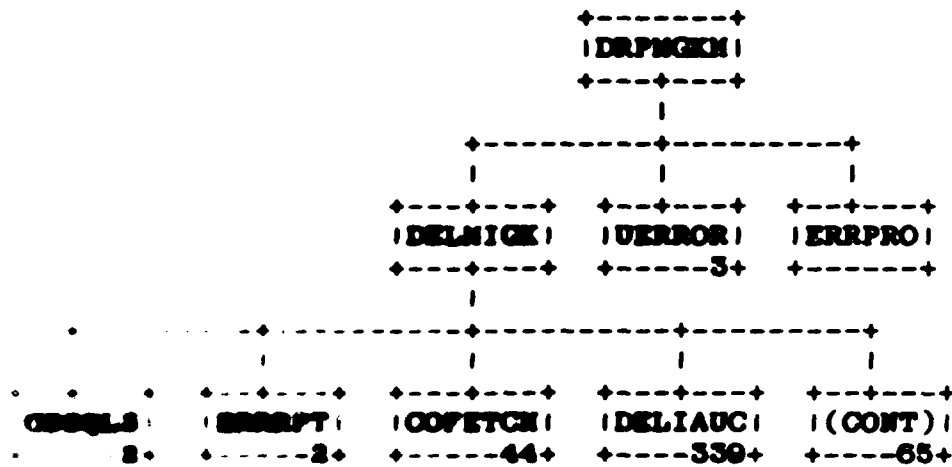
PS 620141100
1 November 1985

39

```
      +-----+
      | BRANCHR |
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | | COPATT | | CPYDES | | COPENT | | CPYMOD | | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| 22  | | 60  | | 61  | | 62  | | 63  | | 64  |
```

PS 620141100
1 November 1985

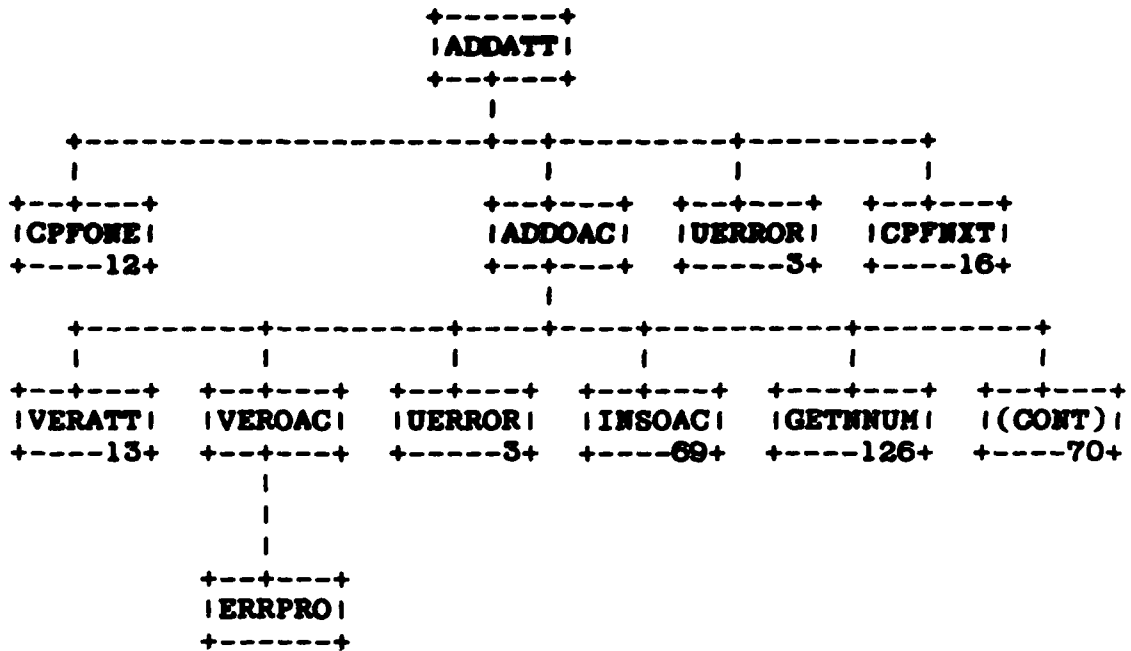
40



```

+-----+
|DRPKC|
+-----+
|
+-----+
|      |      |      |      |      |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DELKCM| |DELCMPR| |DELKC| |ADDRNUM| |(CONT)|
+-----24+ +-----66+ +-----67+ +-----+ +-----355+ +-----68+
|
+-----+
|      |      |      |      |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |GOEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```



PS 620141100
1 November 1985

43

```
      +-----+  
      |ADDKC|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+-----+  
|         |         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|CPFONE| |CPFVAL| |VERKC| |UERROR| |GETNNUM| |(CONT)|  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|---12+ |---+---+ |---24+ |---3+ |---126+ |---71+|
```


PS 620141100
1 November 1985

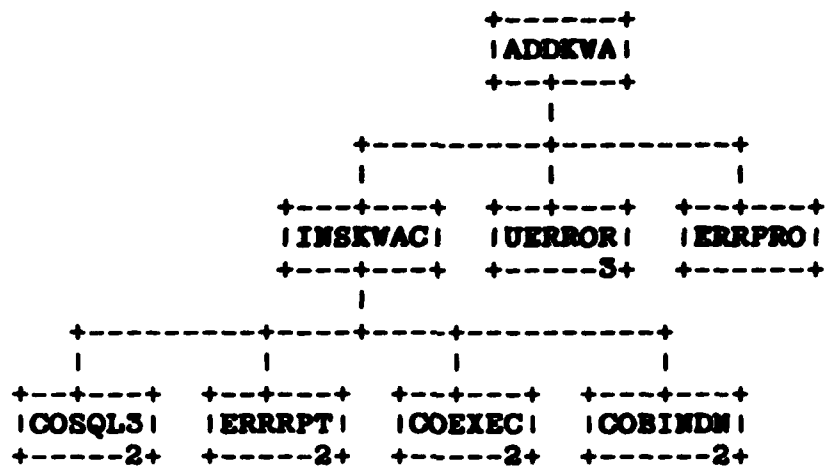
44

```
      +-----+  
      |DELMTKC|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|COSQL3| |ERRRPT| |COFETCH| |DELCMPR| |(CONT)|  
+---2+ +---2+ +---+---+ +---67+ +---72+  
      |  
      |  
      +---+---+  
      |OFETCH|  
      +---+---+
```

PS 620141100
1 November 1985

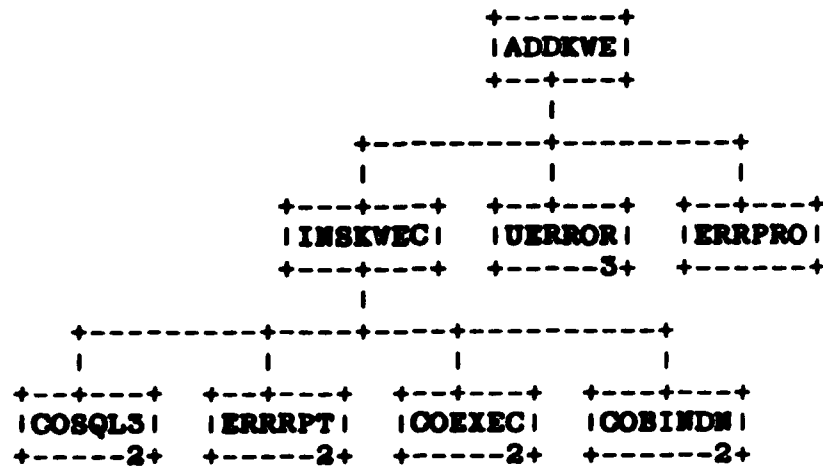
45

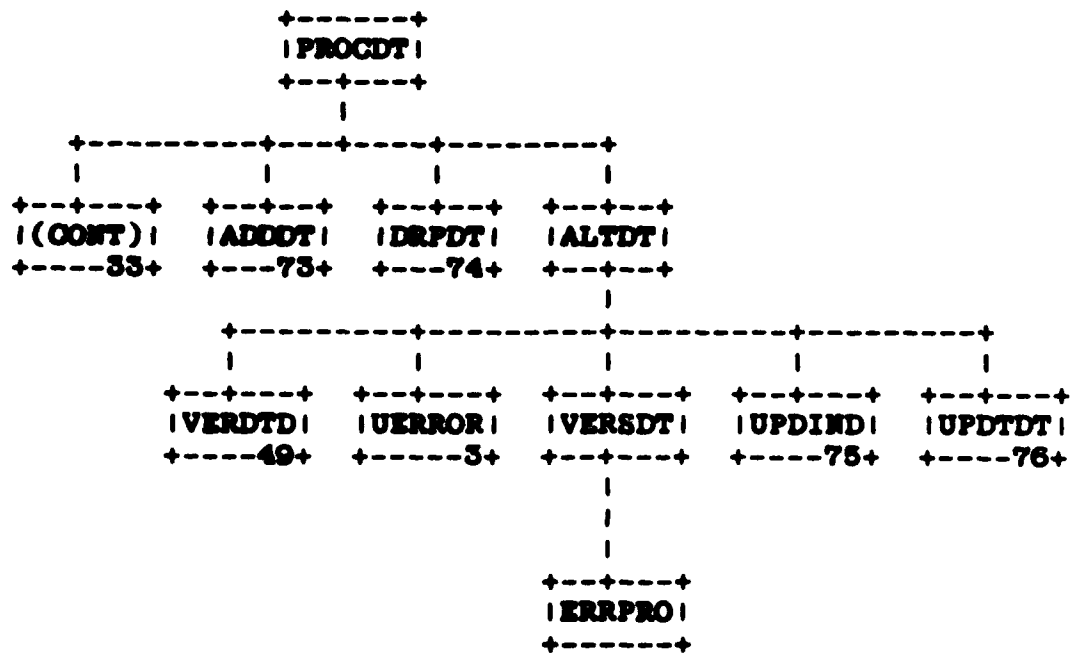
```
      +-----+  
      |DRPKW|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|  
+-----+ +-----+ +-----+ +-----+  
| (CONT) | |DEKWEC| |DEKWRC| |CPFNYT|  
+-----30+ +-----319+ +-----341+ +-----16+
```



PS 620141100
1 November 1985

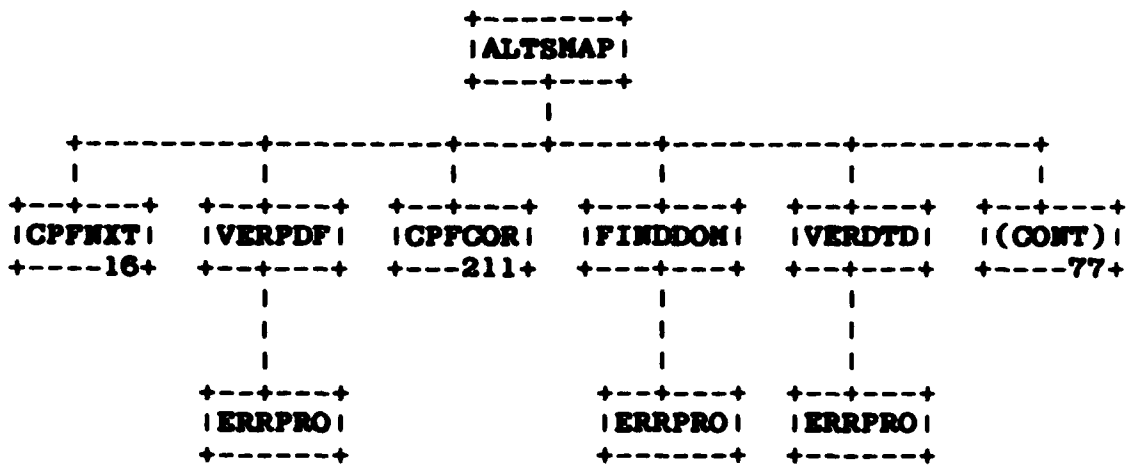
47





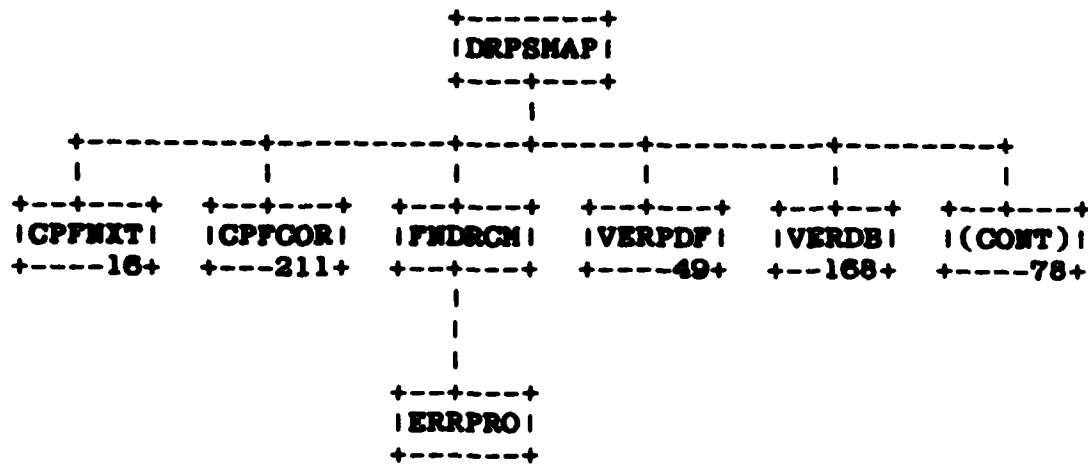
PS 620141100
1 November 1985

49



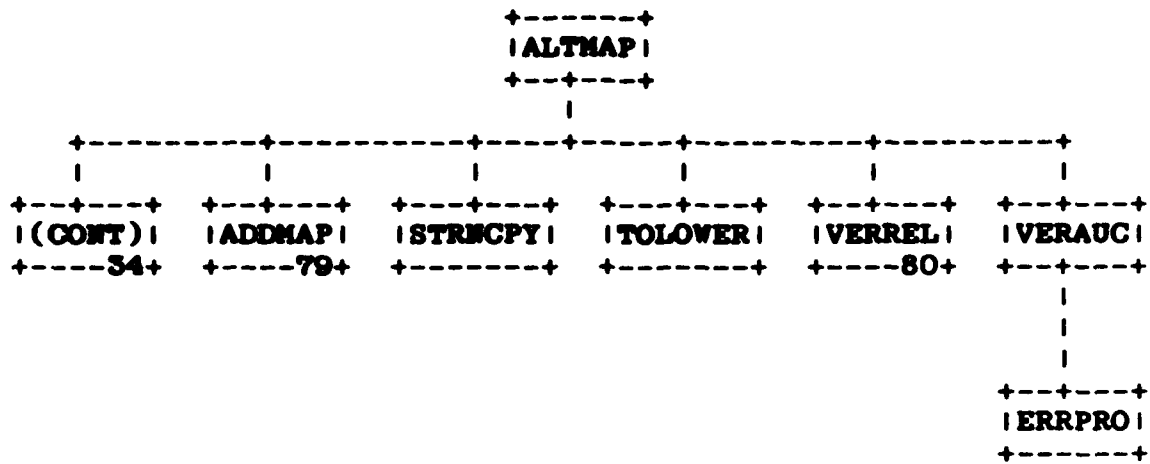
PS 620141100
1 November 1985

50



PS 620141100
1 November 1985

51



PS 620141100
1 November 1985

52

```
      +-----+
      |ALTCARD|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|CPHONE| |LOWUPP| |UWARN| |CPFMT| |UERROR|
+-----12+ +-----12+ +-----7+ +-----16+ +-----3+
```

PS 620141100
1 November 1985

53

```

+-----+
|ALTRRL|
+-----+
|
+-----+-----+-----+-----+-----+
|
|
+-----+-----+-----+-----+-----+
| (CONT) |   |UPDTRC|   |ADDMIG|   |ADDKW|   |DRPMIG|   | (CONT) |
+-----35+ +-----+ +-----81+ +-----18+ +-----82+ +-----83+
|
+-----+-----+-----+-----+
|
|
+-----+-----+-----+-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDM|
+-----2+ +-----2+ +-----2+ +-----2+

```

AD-A181 705

INTEGRATED INFORMATION SUPPORT SYSTEM (IISS) VOLUME 5
COMMON DATA MODEL 5. (U) GENERAL ELECTRIC CO
SCHENECTADY NY PRODUCTION RESOURCES CONSU..

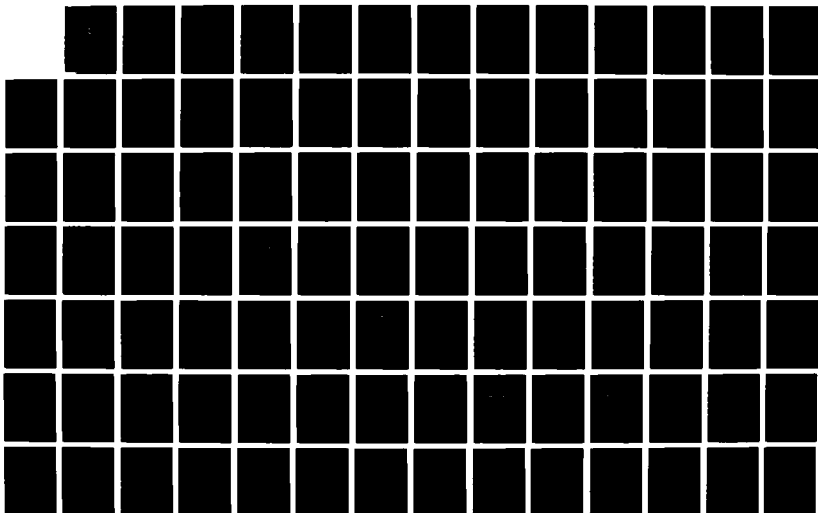
2/5

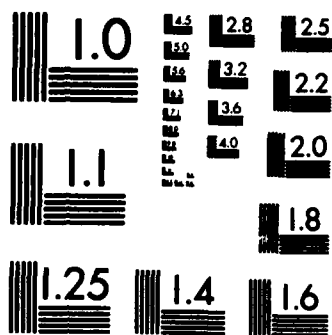
UNCLASSIFIED

S SINGH ET AL. 01 NOV 85 PS-628141100

F/G 12/5

NL





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

PS 620141100
1 November 1985

54

```
      +-----+
      |CHKLOOP|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |SPRINTF| |UWARN| |COFETCH| |(CONT)|
+-----2+ +-----2+ +-----+ +-----7+ +-----44+ +-----84+
```

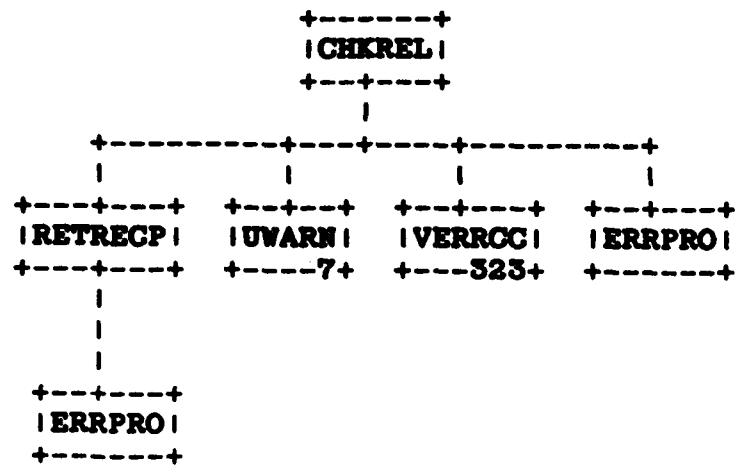
PS 620141100
1 November 1985

55

```
      +-----+
      |CHKMOD|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| (CONT) | |UPDMOD| |UWARN| |ERRPRO|
+-----36+ +-----21+ +-----7+ +-----+
```

PS 620141100
1 November 1985

56



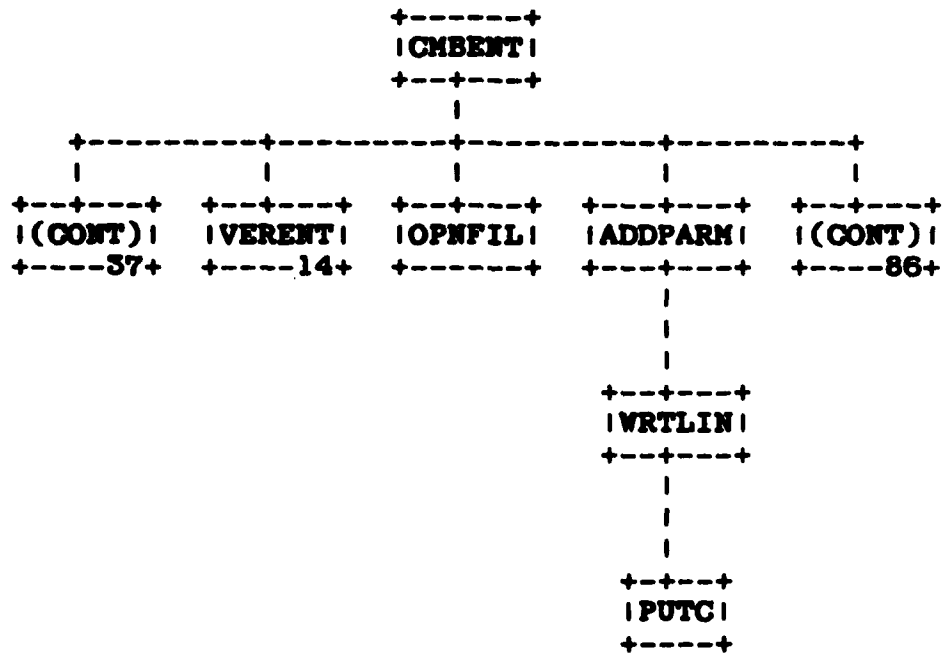
PS 620141100
1 November 1985

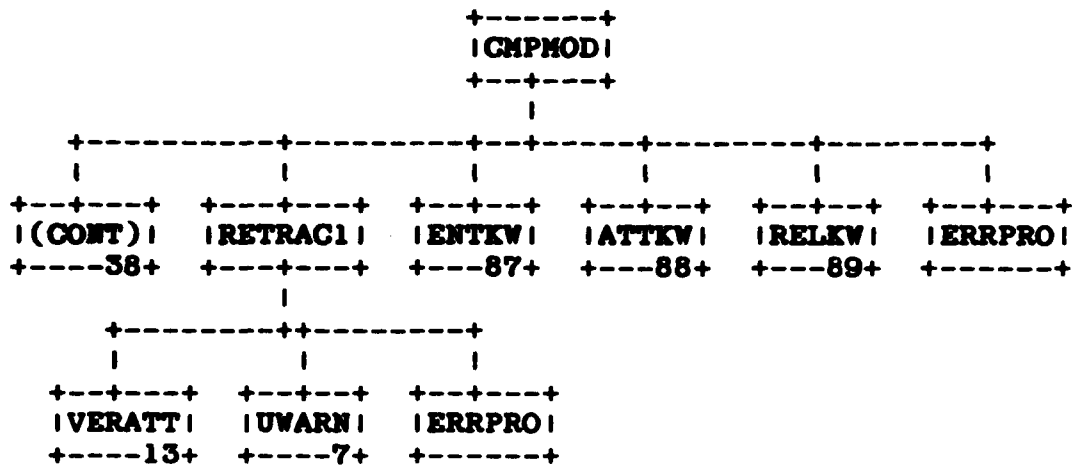
57

```

+-----+
|CHKKEYS|
+-----+
|
+-----+
|         |         |         |         |         |         |
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|OOPEN| |UERROR| |OSQL3| |ODFINN| |OBINDN| |(CONT)|
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+

```



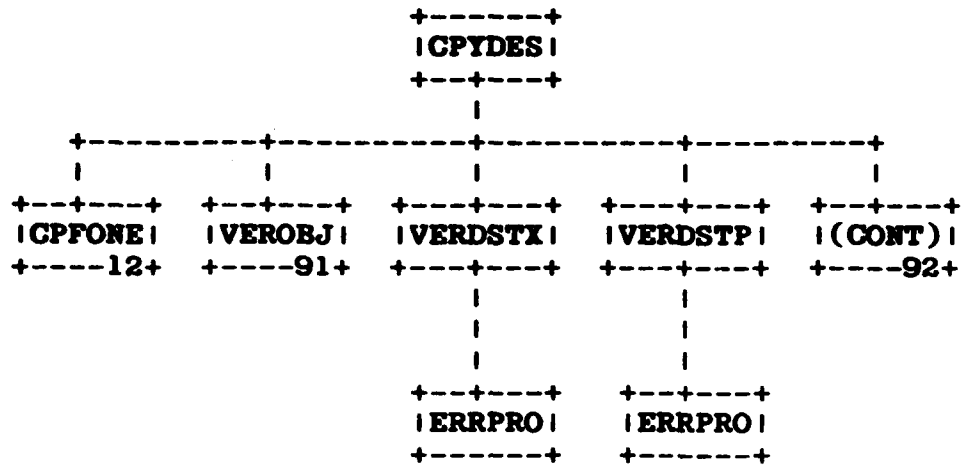
PS 620141100
1 November 1985

60

```
      +-----+
      |COPATT|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|UERROR| |CPFONE| |CPFNXT| |EXCFLAG| |VERMOD| |(CONT)|
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|   3   | |  12  | |  16  | |   37  | |  21  | |   90  |
```

PS 620141100
1 November 1985

61



PS 620141100
1 November 1985

62

```

+-----+
|COPENT|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|               |               |               |               |               |
+-----+-----+-----+-----+-----+-----+
|UERROR| |CPFONE| |CPFNXT| |EXCFLAG| |VERENT| |(CONT)|
+-----3+ +-----12+ +-----16+ +-----37+ +-----14+ +-----93+

```

PS 620141100
1 November 1985

63

```
      +-----+  
      |CPYMOD|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|CPFONE| |UERROR| |VERMOD| |CPFNXT| |OPNFIL| |(CONT)|  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|12| |3| |21| |16| |94|
```

PS 620141100
1 November 1985

64

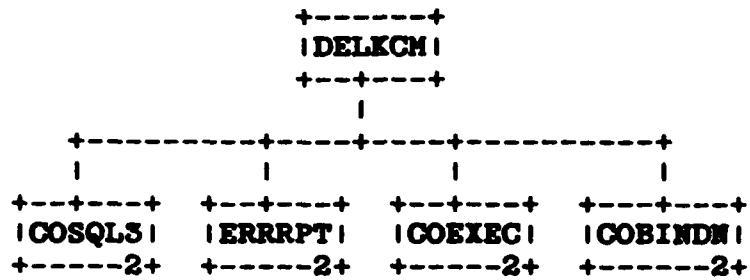
```
      +-----+  
      |BRANCHR|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+-----+  
|         |         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |CRTATT| |CRTALI| |CRTDOM| |CRTENT| |(CONT)|  
+---39+ +---95+ +---96+ +---97+ +---98+ +---99+
```

PS 620141100
1 November 1985

65

```
+-----+  
|DELMIGK|  
+-----+  
|  
+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |SPRINTF| |UERROR| |ADDRNUM| |(CONT)|  
+---40+ +-----+ +---3+ +---355+ +---100+
```


66



PS 620141100
1 November 1985

67

```
      +-----+
      | DELCMPR |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

68

```
      +-----+
      |DRPKC|
      +---+---+
          |
    +-----+-----+
    |           |           |
+---+---+ +---+---+ +---+---+
| (CONT) | |CPFNXT| |ERRPRO|
+---41+ +---16+ +---+---+
```

PS 620141100
1 November 1985

69

```
      +-----+  
      | INSOAC |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| COSQL3 | | ERRRPT | | GOEXEC | | COBINDN |  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

70

```
      +-----+
      |ADDOAC|
      +-----+
        |
    +-----+
    |         |
    |         |
+---+---+ +---+---+ +---+---+
| (CONT) | | INSAUC | | ERRPRO |
+---42+  +---181+  +-----+
```

PS 620141100
1 November 1985

71

```
      +-----+
      |ADDEK|
      +-----+
      |
      +-----+-----+-----+-----+
      |               |               |               |
      +-----+       +-----+       +-----+       +-----+
      |(CONT)|       |INSKC|       |CPFNXT|       |ADDEK|
      +-----43+     +-----16+     +-----101+
      |
      +-----+-----+-----+-----+
      |               |               |               |
      +-----+       +-----+       +-----+       +-----+
      |COSQL3|       |ERRRPT|       |COEXEC|       |COBINDN|
      +-----2+     +-----2+     +-----2+     +-----2+
```

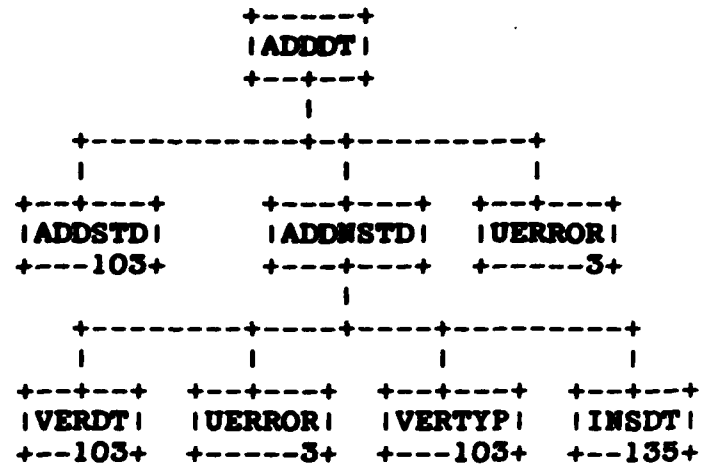
PS 620141100
1 November 1985

72

```
      +-----+
      | DELMTKC |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | | SPRINTF | | UERROR | | ADDRNUM | | (CONT) |
+---44+  +-----+ +---3+  +---355+ +---102+
```

PS 620141100
1 November 1985

73



PS 620141100
1 November 1985

74

```
      +-----+
      | DRPDT |
      +-----+
      |
      +-----+-----+-----+-----+
      |               |               |               |
      +-----+ +-----+ +-----+ +-----+
      | VERDTD | | UERROR | | DTUSAGE | | DELDT |
      +-----+ +-----+ +-----+ +-----+
      | -49+   | | -3+    | |         | | -104+  |
      |               |               |               |
      +-----+-----+-----+-----+
      |               |               |               |
      +-----+ +-----+ +-----+
      | VERDFDT | | VERDIDT | | VERACDT |
      +-----+ +-----+ +-----+
      | -310+   | | -310+   | | -245+   |
```

PS 620141100
1 November 1985

75

```
      +-----+
      |UPDIND|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

76

```
      +-----+  
      |UPD TDT|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+-----+-----+-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

77

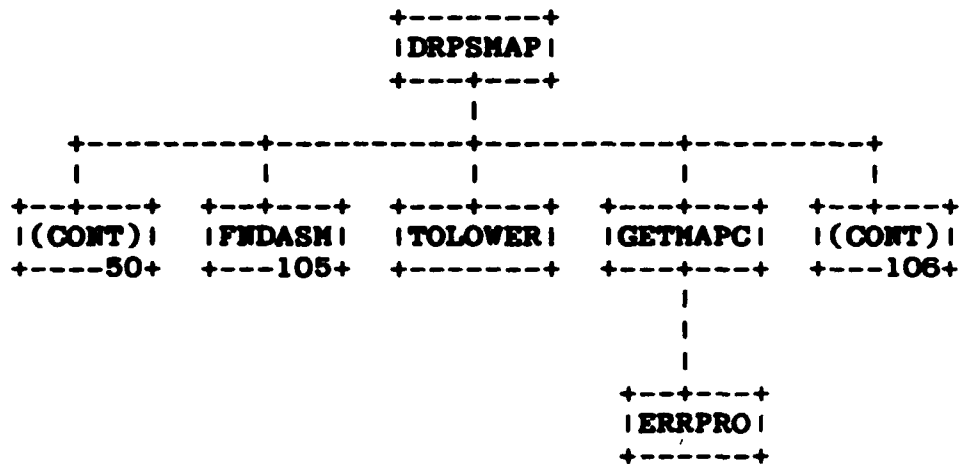
```

+-----+
|ALTSMAP|
+-----+
|
+-----+
|          |          |          |          |          |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |SPRINTF| |UERROR| |COSQL3| |ERRRPT| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|  -49  | |      | |  -3  | |  -2  | |  -2  | | -105 |

```

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1 November 1985

78



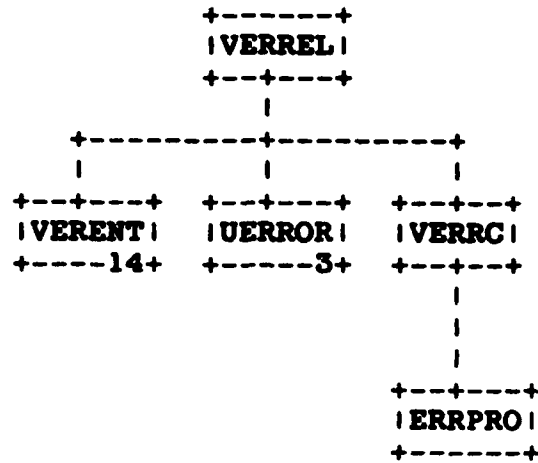
PS 620141100
1 November 1985

79

```
      +-----+  
      |ADDMAP|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|CPHONE| |TOLWER| |STRNCMP| |CPFNXT| |(CONT)|  
+-----12+ +-----+ +-----+ +-----16+ +-----107+
```

PS 620141100
1 November 1985

80



PS 620141100
1 November 1985

81

```
      +-----+
      |ADDMIG|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|CPFONE| |VERKC| |UERROR| |VERRCC| |MKRNLST| |(CONT)|
+-----12+ +-----24+ +-----3+ +-----323+ +-----108+
      |
      +-----+
      |         |         |         |
+-----+ +-----+ +-----+
|CPFONE| |UERROR| |CPFNXT|
+-----12+ +-----3+ +-----16+
```


PS 620141100
1 November 1985

82

```
      +-----+
      |DRPMIG|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|CPHONE| |VERKC| |UERROR| |VERRCC| |DRPMGRC| |DELCPRC|
+-----12+ +-----24+ +-----3+ +-----323+ +-----365+ +-----366+
```

PS 620141100
1 November 1985

83

```
      +-----+
      |ALTREL|
      +-----+
        |
    +-----+-----+
    |         |         |
    +-----+ +-----+ +-----+
    |(CONT)| |DRPKW| |DELMTKC|
    +-----53+ +-----30+ +-----44+
```

PS 620141100
1 November 1985

84

```
      +-----+  
      |CHKLOOP|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|      |      |      |      |      |      |  
+-----+-----+-----+-----+-----+  
|(CONT)| |BLOOPCK| |TLOOPCK| |COEXEC| |CODFINN| |COBINDN|  
+-----54+ +-----109+ +-----110+ +-----2+ +-----102+ +-----2+
```

PS 620141100
1 November 1985

85

```
      +-----+  
      |CHKKEYS|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |      |  
+-----+-----+-----+-----+  
|(CONT)| |OEXEC| |OFETCH| |UWARN| |ERRPRO|  
+-----57+ +-----+ +-----+ +-----7+ +-----+
```

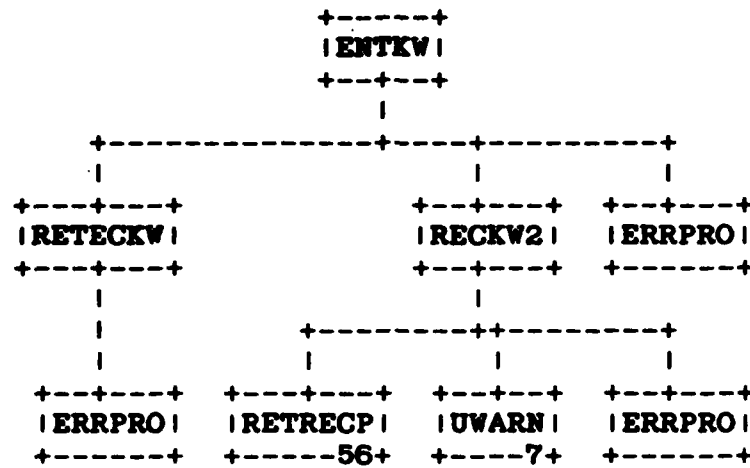
PS 620141100
1 November 1985

86

```
      +-----+
      |CMBENT|
      +---+---+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |FRTOREL| |BLKCL1| |GENENT1| | (CONT) |
+---58+  +---111+  +---112+  +---113+  +---114+
```

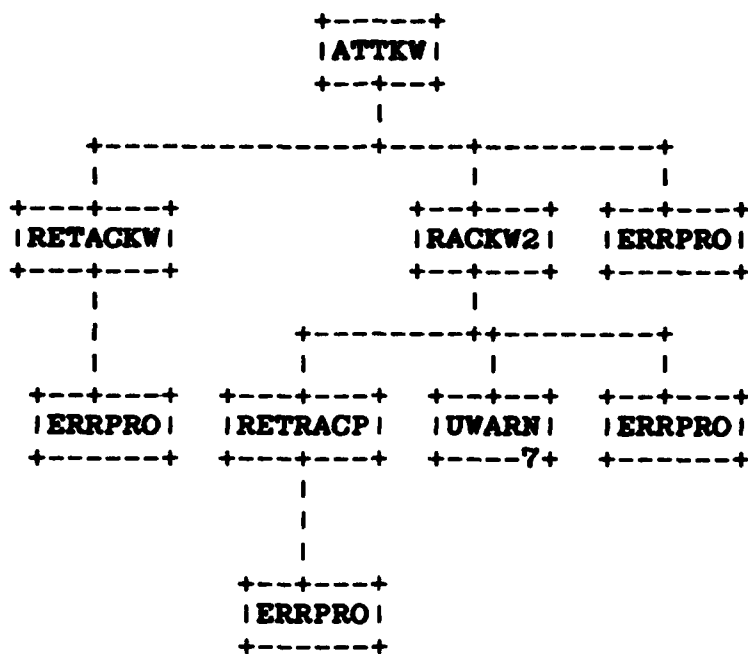
PS 620141100
1 November 1985

87



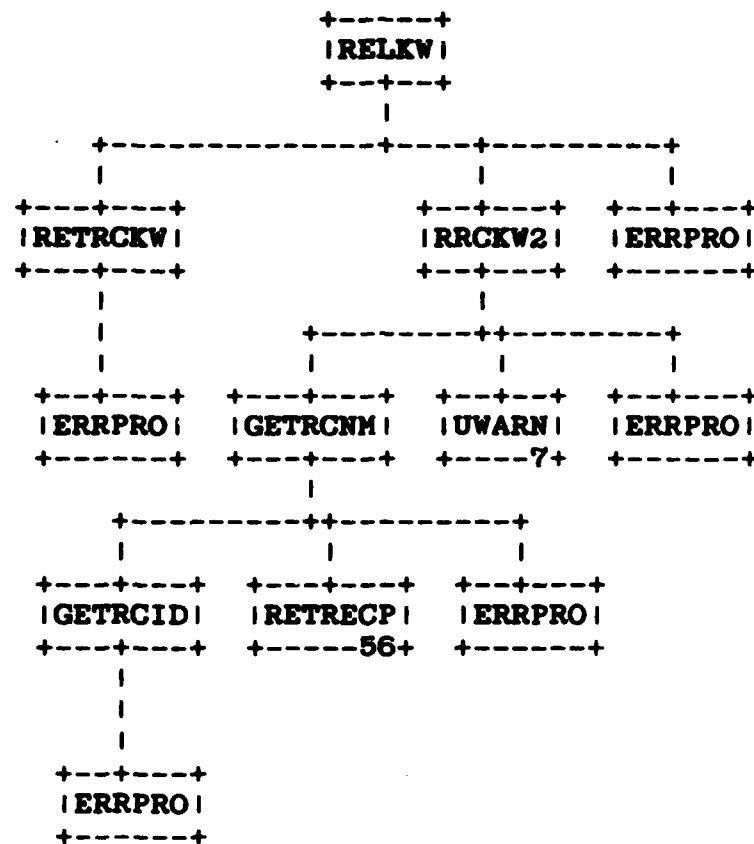
PS 620141100
1 November 1985

88



PS 620141100
1 November 1985

89



PS 620141100
1 November 1985

90

```
      +-----+
      |COPATT|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |VERACNM| |ICOPATT| |FCOPATT| |ERRPRO|
+-----+ +-----+ +-----+ +-----+ +-----+
| -60+   | |         | | -115+   | | -116+   | |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|         |
|         |
+-----+
|ERRPRO|
+-----+
```

PS 620141100
1 November 1985

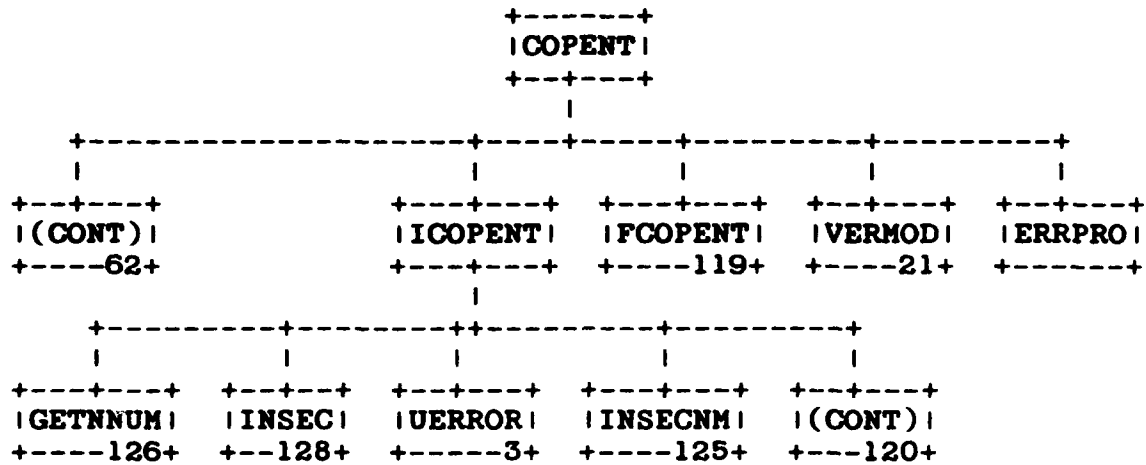
91

```
      +-----+  
      |VEROBJ|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|TOUPPER| |CPFNXT| |VERREL| |PRINTF| |VERDI| |(CONT)|  
+-----+ +-----16+ +-----80+ +-----+ +-----+ +-----117+  
                                         |  
                                         |  
                                         +-----+  
                                         |ERRPRO|  
                                         +-----+
```

PS 620141100
1 November 1985

92

```
      +-----+  
      |CPYDES|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |VERMOD| |SPRINTF| |UERROR| |WRTDSC4|  
+---61+ +---21+ +---+---+ +---3+ +---118+
```



```

      +-----+
      |CPYMOD|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |EXCFLAG| |ADDPARM| |ALLATT| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
|  -63  | |  -37  | |  -58  | |  -121 |
+-----+ +-----+ +-----+ +-----+ +-----+
      |
      +-----+-----+-----+-----+
      |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COFETCH| |STRNCMP| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
|  -2  | |  -2  | |  -44  | |  -122 |
+-----+ +-----+ +-----+ +-----+ +-----+

```

PS 620141100
1 November 1985

95

```
      +-----+  
      |CRTATT|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+-----+  
|      |      |      |      |      |      |  
+-----+-----+-----+-----+-----+-----+  
|UERROR| |CPHONE| |VERDOM| |BLDATT| |INSACNM| |ADDKW|  
+-----3+ +-----12+ +-----19+ +-----123+ +-----124+ +-----18+
```

PS 620141100
1 November 1985

96

```

      +-----+
      | CRTALI |
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| CPHONE | | LOWUPP | | VERENT | | UERROR | | VERATT | | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| 12+    | | 12+    | | 14+    | | 3+     | | 13+    | | 125+   |

```

PS 620141100
1 November 1985

97

```
      +-----+
      | CRTDOM |
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| CPHONE | | VERDOM | | UERROR | | GETNUM | | INSDOM | | PROCDT |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|    12   | |    19   | |    3   | |   126  | |   127  | |    33  |
```


PS 620141100
1 November 1983

98

```

+-----+
| CRTENT |
+-----+
|
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| UERROR | | CPHONE | | VERENT | | GETNUM | | INSEC | | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|   -3   | |  -12  | |  -14  | | -126  | | -128  | | -129  |

```

PS 620141100
1 November 1985

99

```

+-----+
| BRANCHR |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| | | | | | |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | | CRTMAP | | CRTMOD | | CRTREL | | CRTVIEW | | (CONT) |
+-----64+ +-----130+ +-----131+ +-----132+ +-----133+ +-----134+
```

100

+-----+
| DELMIGK |
+-----+

3-1216

PS 620141100
1 November 1985

101

```
      +-----+
      |ADDKM|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|VERAUC| |ADDOAC| |UERROR| |INSKCM|
+-----51+ +-----42+ +-----3+ +-----+
|
      +-----+-----+-----+-----+
      |         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

102

```

+-----+
|DELMTKC|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DELTEXT| |DELKC| |COEXEC| |CODFINN| |COBINDN|
+-----72+ +-----373+ +-----41+ +-----2+ +-----+ +-----2+
|
|
|
+-----+
|ODFINN|
+-----+

```

PS 620141100
1 November 1985

103

```
      +-----+
      |ADDSTD|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|VERS DT| |UERROR| |VER DT| |VERTYP| |INS DT|
+-----+ +-----+ +-----+ +-----+ +-----+
|  -48  | |  -3  | |      | |      | | 135  |
+-----+ +-----+ +-----+ +-----+ +-----+
|         |         |         |         |
+-----+ +-----+
|ERRPRO| |ERRPRO|
+-----+ +-----+
```

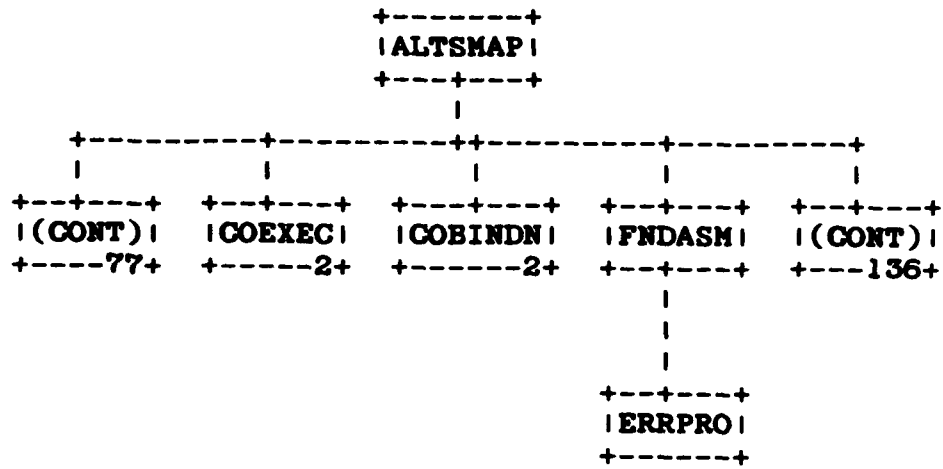
PS 620141100
1 November 1985

104

```
      +-----+  
      |DELDT|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

105



PS 620141100
1 November 1985

106

```
      +-----+  
      |DRPSMAP|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |STRNCMP| |SPRINTF| |UERROR| |(CONT)|  
+---78+ +---+---+ +---+---+ +---3+ +---137+
```

PS 620141100
1 November 1985

107

```

+-----+
|ADDMAP|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |CPFCOR| |MAPRC| |MAPADF| |SPRINTF| | (CONT) |
+-----79+ +---211+ +--138+ +---139+ +-----+ +---140+
```

PS 620141100
1 November 1985

108

```
      +-----+  
      |ADDMIG|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+-----+-----+-----+  
|(CONT)| |CKRNLST| |VERAUC| |GETNNUM| |(CONT)|  
+-----81+ +-----+ +-----51+ +-----126+ +-----141+
```

PS 620141100
1 November 1985

109

+-----+
|BLOOPCK|
+-----+
|

+-----+					
+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
COSQL3	ERRRPT	COFETCH	SPRINTF	UWARN	(CONT)
+-----2+	+-----2+	+-----44+	+-----+	+-----7+	+-----142+

PS 620141100
1 November 1985

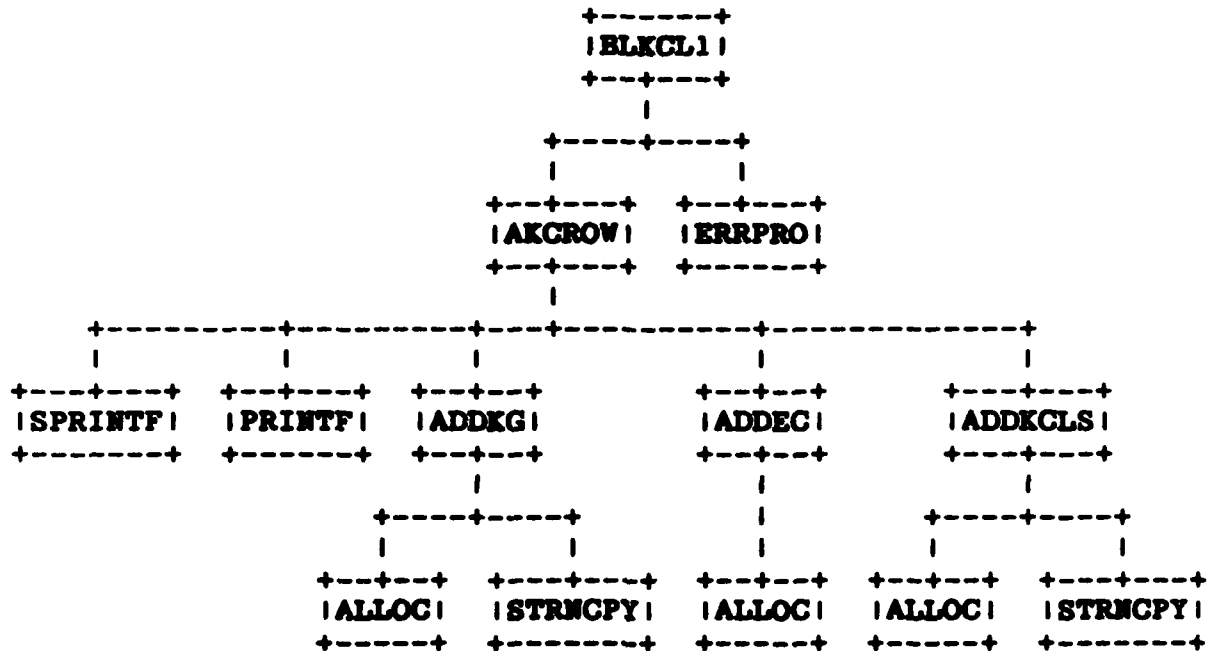
110

```
+-----+  
|TLOOPCK|  
+-----+  
|  
+-----+  
| | | | | |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COFETCH| |SPRINTF| |UWARN| |(CONT)|  
+-----2+ +-----2+ +-----44+ +-----+ +-----7+ +-----143+
```

PS 620141100
1 November 1985

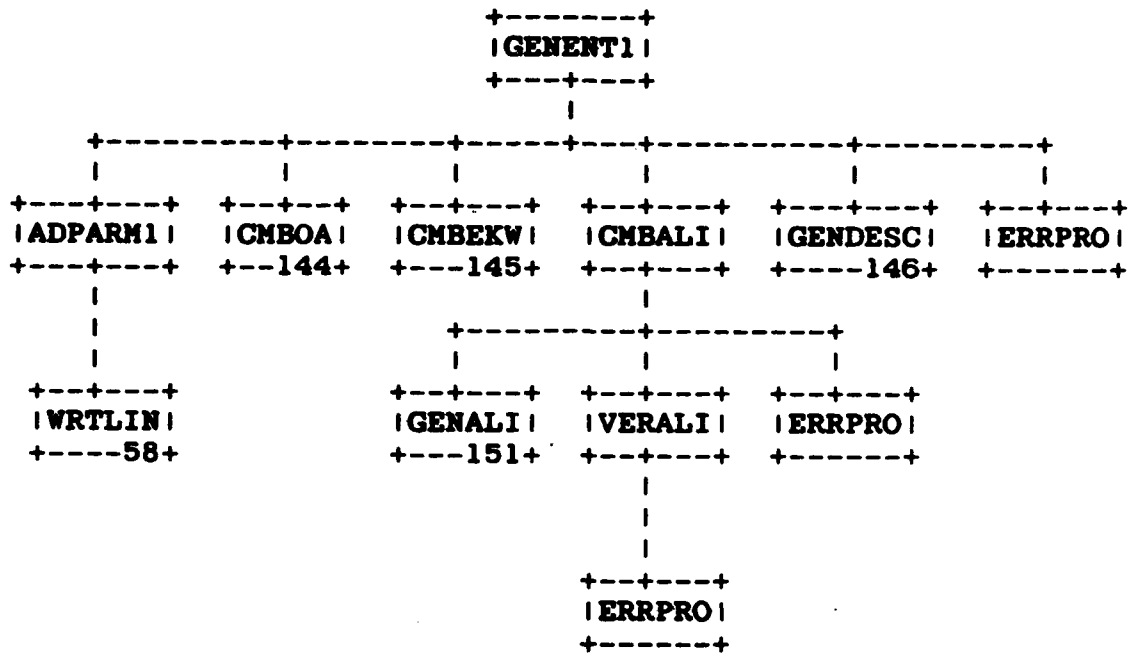
111

```
      +-----+
      | FRTOREL |
      +-----+
        |
      +-----+-----+-----+-----+
      |         |         |         |         |
      +-----+ +-----+ +-----+ +-----+
      | SELRCNM | | UWARN | | ADDPARN | | ERRPRO |
      +-----+ +-----7+ +-----58+ +-----+
        |
      +-----+
      |         |
      +-----+ +-----+
      | UWARN | | ERRPRO |
      +-----7+ +-----+
```



PS 620141100
1 November 1985

113



PS 620141100
1 November 1985

114

```

+-----+
|CMSENT|
+-----+
|
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DEPFROM| |GENALTE| |INDFROM| |CLSFIL| |ERRPRO|
+-----86+ +-----147+ +-----148+ +-----149+ +-----+ +-----+
|
|
|FCLOSE|
+-----+

```

PS 620141100
1 November 1985

115

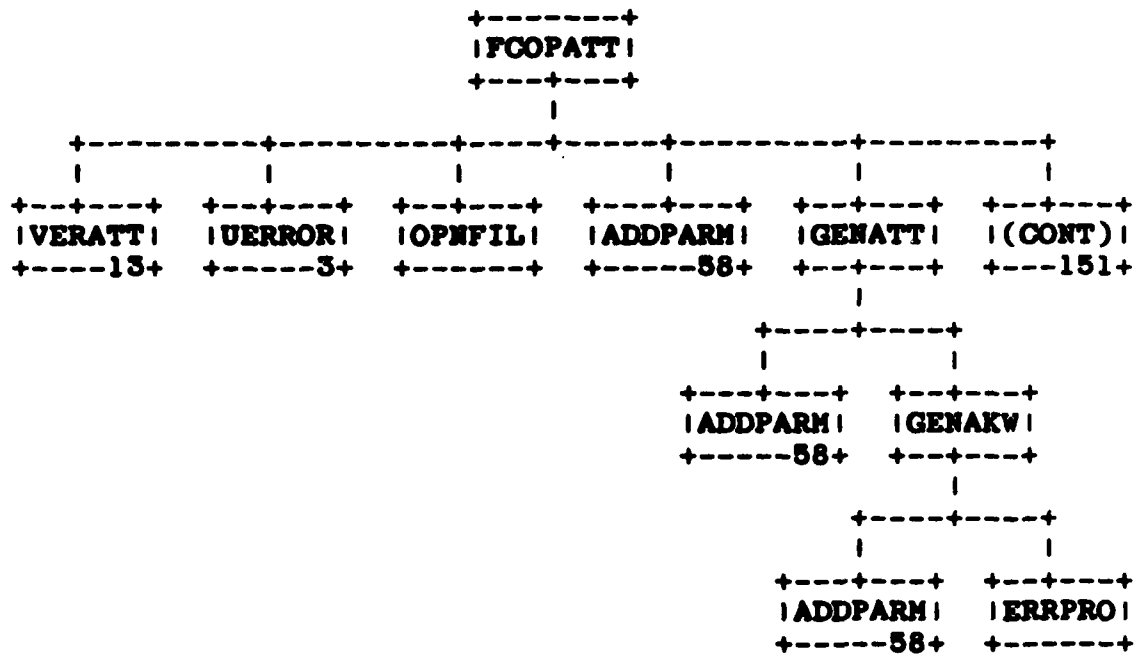
```

+-----+
| ICOPATT |
+-----+
|
+-----+-----+-----+-----+
| | | | |
|-----|-----|-----|-----|
| BLDATT | UERROR | INSACNM | WRTALI | (CONT) |
|-----|-----|-----|-----|
| 123 | 3 | 124 | 150 |
|
|
|-----+-----+
| | |
|-----|-----|-----|
| INSACNM | UERROR | ERRPRO |
|-----|-----|-----|
| 124 | 3 |

```

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1 November 1985

116



PS 620141100
1 November 1985

117

```

+-----+
|VEROBJ|
+-----+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |VERUDTN| |VERDFLD| |STRNCMP| |(CONT)|
+-----91+ +-----+ +-----211+ +-----+ +-----152+
|
|
+-----+
|ERRPRO|
+-----+
```

PS 620141100
1 November 1985

118

```
      +-----+  
      |VRTDSC4|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |GOEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

119

```

+-----+
|FCOPENT|
+-----+
|
+-----+-----+-----+
|
+-----+
|CESTRUC|
+-----153+
|
+-----+-----+-----+
|
+-----+
|OPNFIL|
+-----+
|
+-----+
|ADDPARM|
+-----58+
|
+-----+
|CERELS|
+-----+
|
+-----+
|GENENT1|
+-----113+
|
+-----+
|UERROR|
+-----3+
|
+-----+
|ERRPRO|
+-----+
|
+-----+
|(CONT)|
+-----154+

```

PS 620141100
1 November 1985

120

```

+-----+
| ICOPENT |
+-----+
|
+-----+-----+-----+-----+-----+
| | | | | |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | | WRTECKW | | WRTDESC | | WRTENAM | | COPYAC | | ERRPRO |
+-----93+ +-----155+ +-----185+ +-----+ +-----156+ +-----+
|
+-----+-----+
| | |
+-----+ +-----+ +-----+
| INSECNM | | UERROR | | ERRPRO |
+-----125+ +-----3+ +-----+

```

PS 620141100
1 November 1985

121

```

+-----+
|CPYMOD|
+-----+
|
+-----+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |ALLENT| |BLKCLST| |TOPNODE| |ALLREL| |CLSFIL|
+-----94+ +-----157+ +-----+ +-----158+ +-----159+ +-----114+
|
+-----+-----+
|
+-----+ +-----+
|AKCROW| |ERRPRO|
+-----112+ +-----+

```


PS 620141100
1 November 1985

122

```
      +-----+  
      |ALLATT|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |GENATT| |STRMCPY| |GENDESC| |(CONT)|  
+---94+ +---116+ +---+---+ +---146+ +---160+
```

PS 620141100
1 November 1985

123

```

+-----+
|BLDATT|
+-----+
|
+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|VERATT| |UERROR| |GETNUM| |INSAC|
+-----13+ +-----3+ +-----126+ +-----+
|
+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```

PS 620141100
1 November 1985

124

```
      +-----+  
      |INSACNM|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+-----+-----+-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDM|  
+-----2+ +-----2+ +-----2+ +-----2+
```

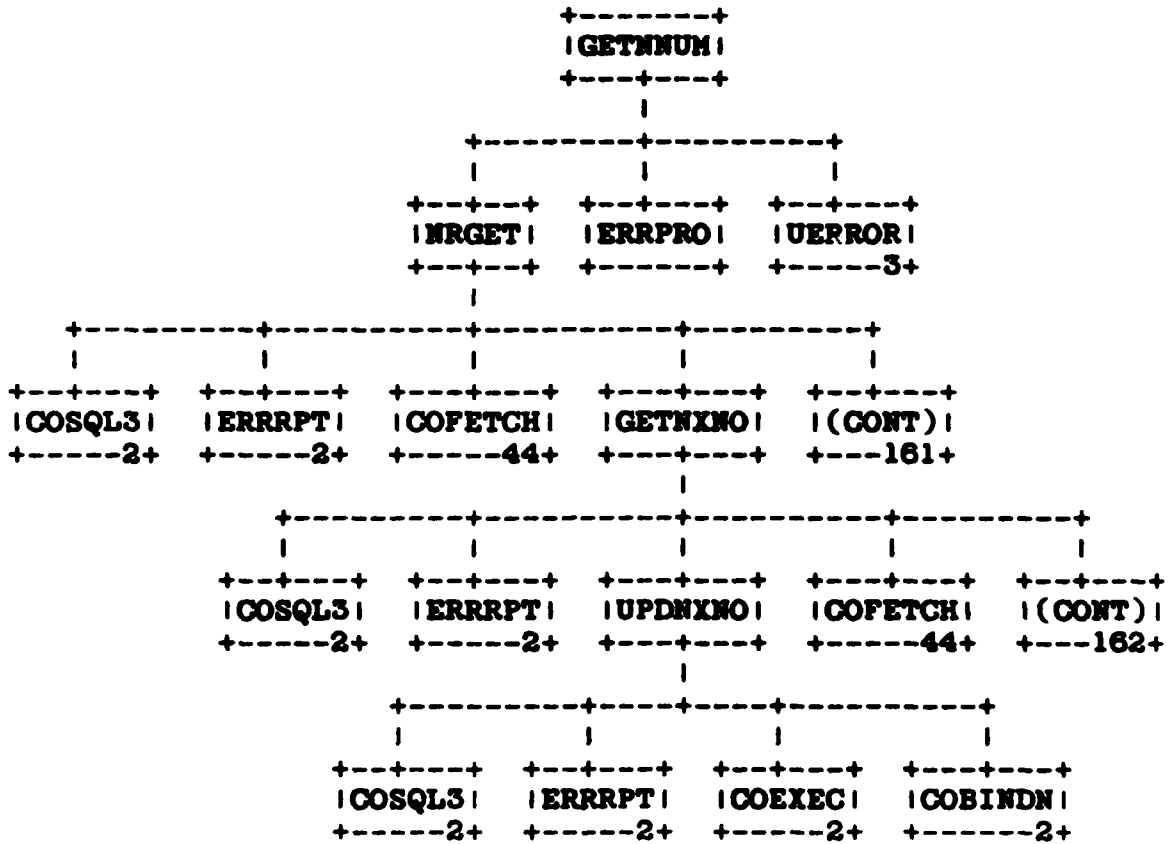
PS 620141100
1 November 1985

125

```

+-----+
|CRTALI|
+-----+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |CPFNXT| |UWARN| |INSECNM| |INSACNM|
+-----96+ +-----16+ +-----7+ +-----124+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```



PS 620141100
1 November 1985

127

```
      +-----+  
      | INSDOM |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

128

```
      +-----+  
      | INSEC |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

129

```
      +-----+
      | CRTENT |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | | INSECNM | | ADDATT | | ADDKC | | ADDKW |
+-----+ +-----+ +-----+ +-----+ +-----+
|  -98  | |  -125  | |  -42  | |  -43  | |  -18  |
```


PS 620141100
1 November 1985

130

```
      +-----+  
      | CRTMAP |  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
| CPFONE | | VERENT | | SPRINTF | | UERROR | | ADDMAP | | (CONT) |  
+-----12+ +-----14+ +-----+ +-----3+ +-----79+ +---163+
```

PS 620141100
1 November 1985

131

```
      +-----+  
      |CRTHOD|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|CPHONE| |VERMOD| |UERROR| |GETNNUM| |INSMOD| |(CONT)|  
+---12+ +---21+ +---3+ +---126+ +---164+ +---165+
```

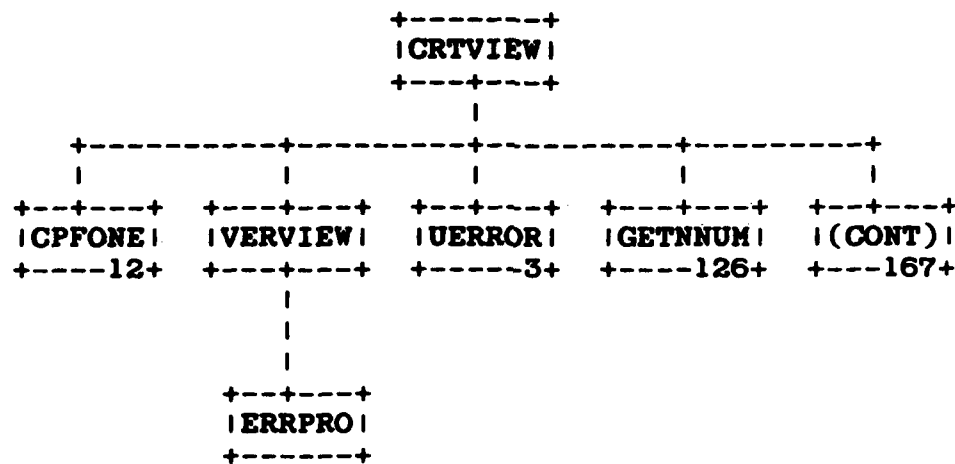
PS 620141100
1 November 1985

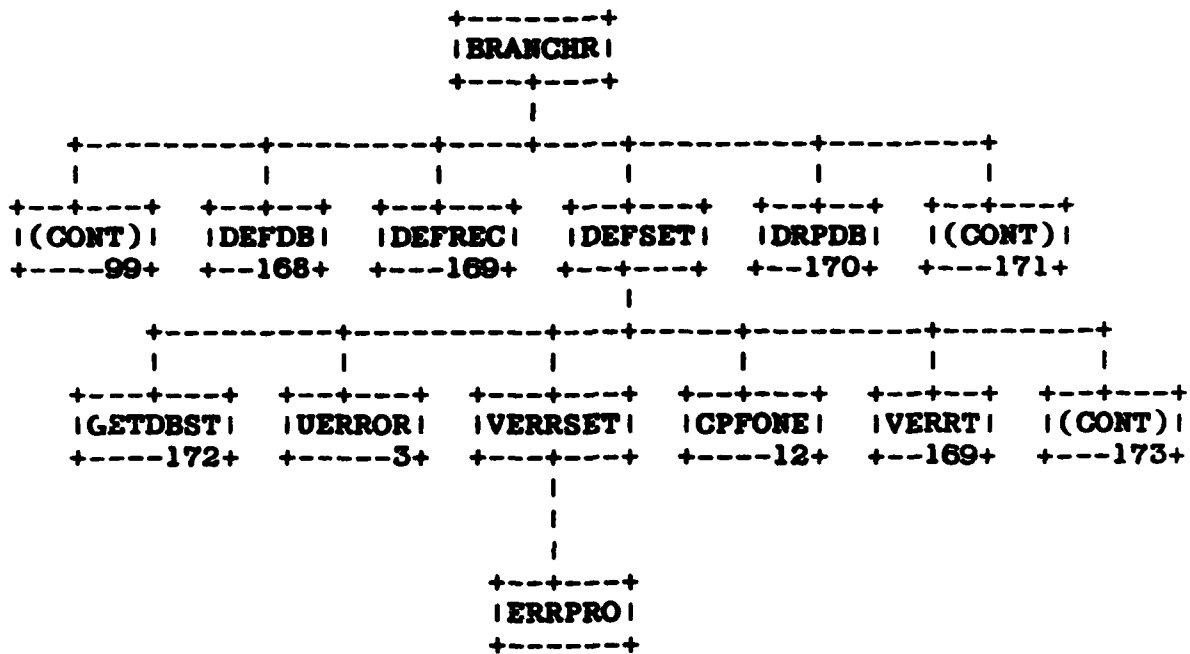
132

```
      +-----+
      | CRTREL |
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| UERROR | | CPHONE | | CPFNXT | | VERREL | | GETNNUM | | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|   -3   | |  -12  | |  -16  | |  -80  | |  -126 | |  -166 |
```

PS 620141100
1 November 1985

133





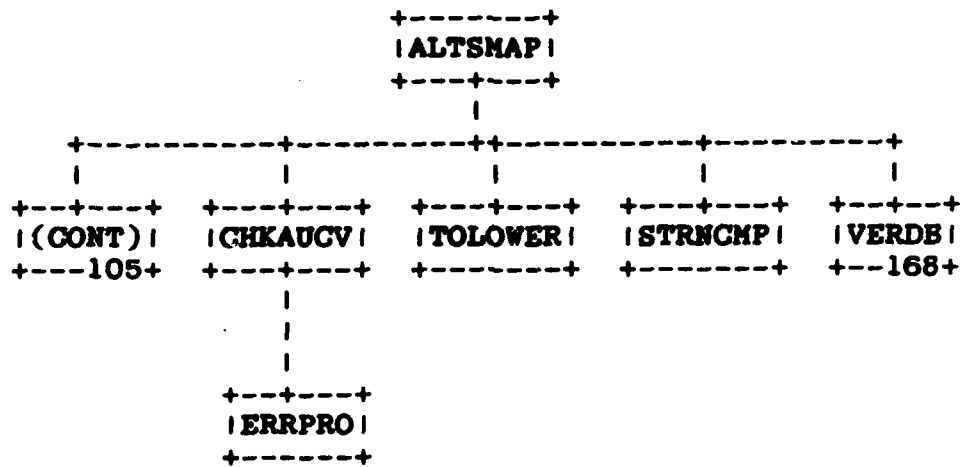
PS 620141100
1 November 1985

135

```
      +-----+  
      | INSDT |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|-----+-----+-----+-----+  
|GETNUM| |SPRINTF| |UERROR| |COSQL3| |(CONT)|  
+-----126+ +-----+ +-----3+ +-----2+ +-----174+
```

PS 620141100
1 November 1985

136



PS 620141100
1 November 1985

137

```
      +-----+
      |DRPSMAP|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| (CONT) | |DELIRCS| |DELIASM| |DELIPDF|
+-----+ +-----+ +-----+ +-----+
| -106+   | | -175+   | | -176+   |
+-----+ +-----+ +-----+ +-----+
      |
      +-----+-----+-----+-----+
      |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----+ +-----+ +-----+ +-----+ +-----+
| -2+    | | -2+    | | -2+    | | -2+    |
+-----+ +-----+ +-----+ +-----+ +-----+
```


PS 620141100
1 November 1985

138

```
      +-----+
      |MAPRC|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|FND1MEM| |VERRCMP| |SPRINTF| |UERROR| |INSRCRS| |FNDASA|
+-----177+ +-----+ +-----+ +-----3+ +-----178+ +-----+
|         |         |         |         |         |         |
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|ERRPRO| |ERRPRO|
+-----+ +-----+
```

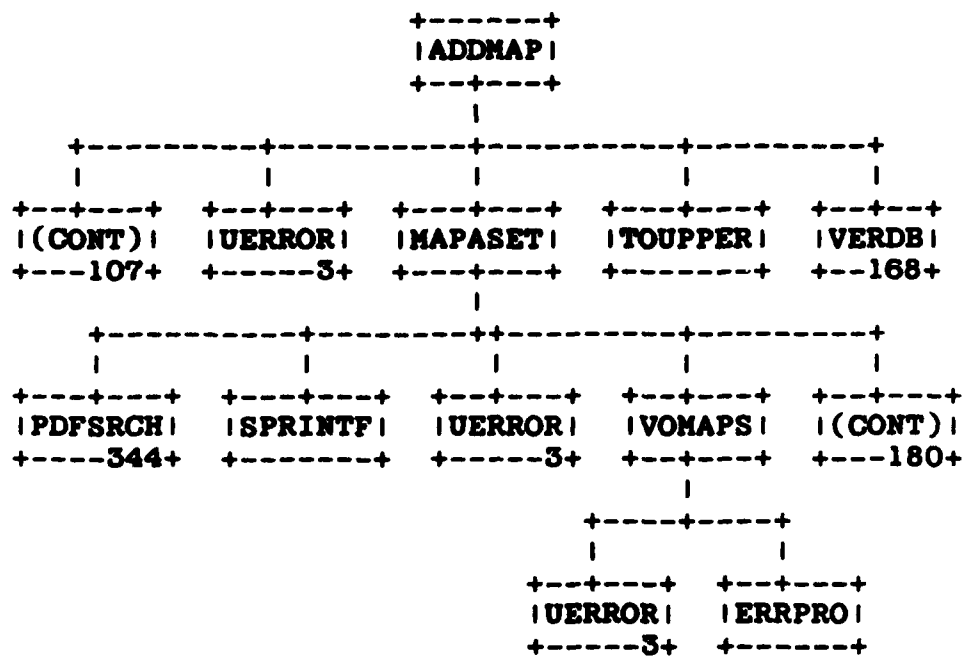
PS 620141100
1 November 1985

139

```

+-----+
|MAPADF|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+-----+-----+-----+-----+
|VERASM| |SPRINTF| |UERROR| |INSPDF| |(CONT)|
+---344+ +-----+ +-----3+ +-----+ +---179+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```



PS 620141100
1 November 1985

141

```

+-----+
|ADDMIG|
+---+---+
|
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|(CONT)| |INSAUC| |INSIAUC| |INSCRC| |ERRPRO|
+---108+ +---181+ +---182+ +---+---+ +---+---+
|
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+

```

PS 620141100
1 November 1985

142

```
      +-----+
      |BLOOPCK|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| (CONT) | |COEXEC| |CODFINN| |COBINDN|
+-----+ +-----+ +-----+ +-----+
|---109+  |---2+   |---102+  |---2+   |
```

PS 620141100
1 November 1985

143

```
      +-----+  
      |TLOOPCK|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|(CONT)| |GOEXEC| |GODFINN| |COBINDN|  
+---110+ +---2+ +---102+ +---2+
```

PS 620141100
1 November 1985

144

```
      +-----+
      |CMBOA|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|VERATT| |GENATT| |GENDESC| |CMBACAL| |ADPARM1| |ERRPRO|
+-----13+ +-----116+ +-----146+ +-----+ +-----113+ +-----+
      |
      +-----+-----+
      |         |         |
+-----+ +-----+ +-----+
|VERATT| |GENALI| |ERRPRO|
+-----13+ +-----151+ +-----+
```

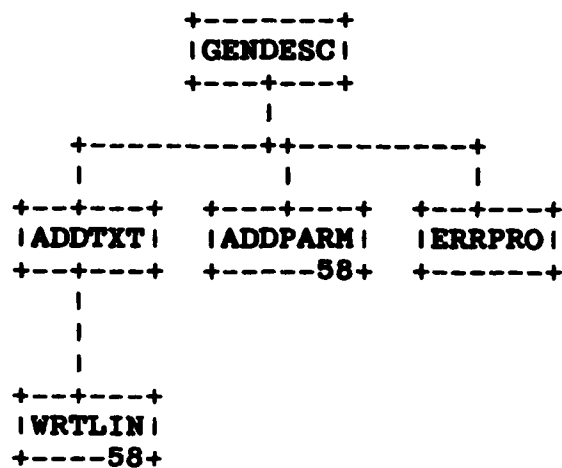
PS 620141100
1 November 1985

145

```
      +-----+  
      |CMBEKW|  
      +-----+  
      |  
+-----+-----+  
|         |         |  
+---+---+ +---+---+ +---+---+  
|VERKWE| |ADPARM1| |ERRPRO|  
+---+---+ +---+---+ +---+---+  
          |         |  
          |         |  
          |         |  
+---+---+  
|ERRPRO|  
+---+---+
```


PS 620141100
1 November 1985

146



PS 620141100
1 November 1985

147

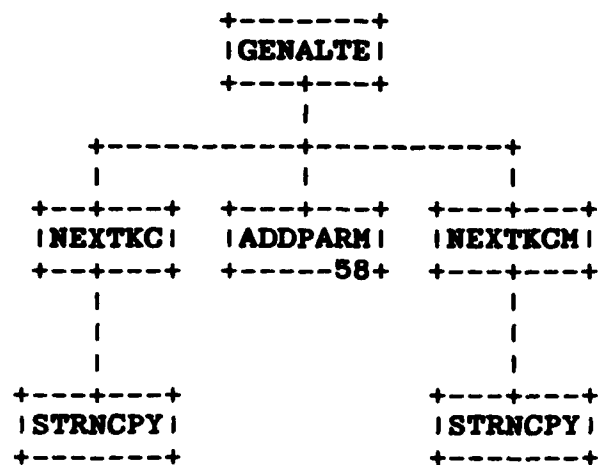
```

+-----+
|DEPFROM|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+
|SELECNM| |VERRC| |VERENT| |VERRCNM| |(CONT)|
+-----+-----+-----+-----+
|         |         |         |         |
|         |         |         |         |
+-----+-----+-----+-----+
|ERRPRO|         |VERENT| |VERRC| |ERRPRO|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+

```

PS 620141100
1 November 1985

148



PS 620141100
1 November 1985

149

```
      +-----+  
      |INDFROM|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|SELECNM| |VERRC| |VERENT| |VERRCNM| |(CONT)|  
+-----+ +-----+ +-----+ +-----+ +-----+  
|147|    |80|    |14|    |147|    |184|
```

AD-A181 705

INTEGRATED INFORMATION SUPPORT SYSTEM (IISS) VOLUME 5

3/5

COMMON DATA MODEL 5. (U) GENERAL ELECTRIC CO

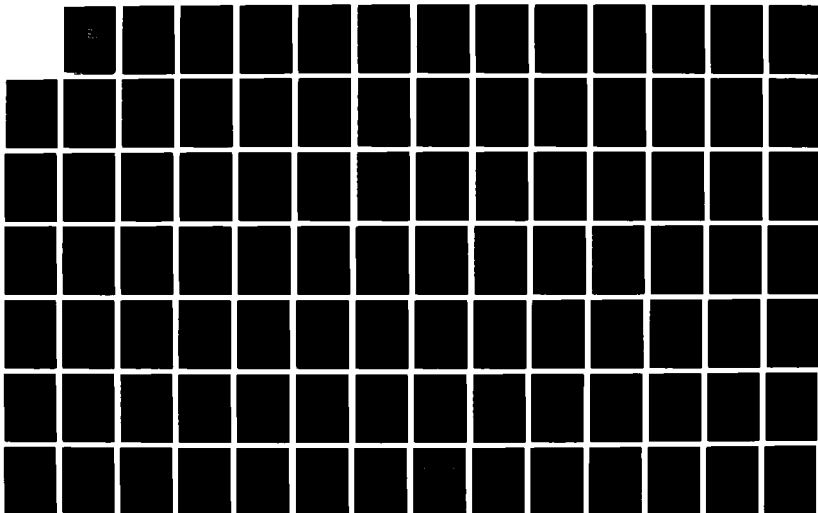
SCHENECTADY NY PRODUCTION RESOURCES CONSU..

UNCLASSIFIED

S SINGH ET AL. 01 NOV 85 PS-620141100

F/G 12/5

NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

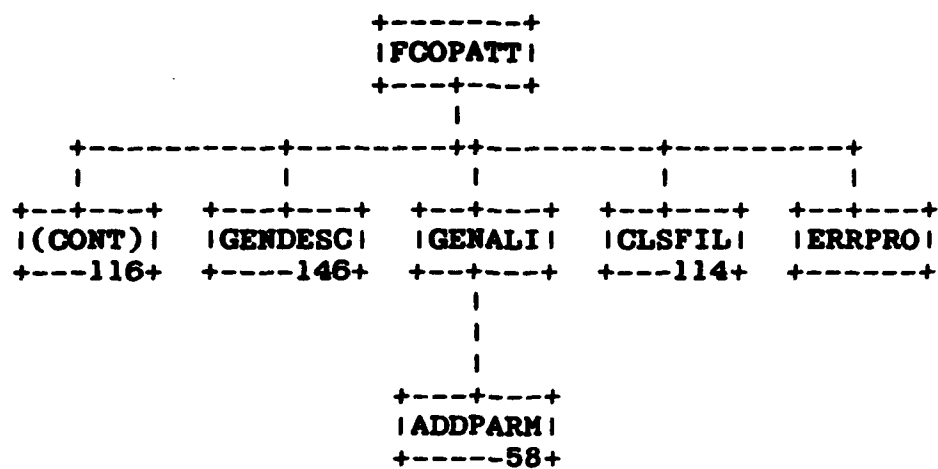
PS 620141100
1 November 1985

150

```
      +-----+
      | ICOPATT |
      +-----+
        |
    +-----+-----+-----+-----+
    |         |         |         |         |
    +-----+ +-----+ +-----+ +-----+
    | (CONT) | | WRTACKW | | WRTDESC | | ERRPRO |
    +-----+ +-----+ +-----+ +-----+
    |         |         |         |         |
    +-----+-----+-----+-----+
    |         |         |         |         |
    +-----+ +-----+ +-----+
    | INSKWAC | | UERROR | | ERRPRO |
    +-----+ +-----+ +-----+
    |         |         |         |
    +-----+ +-----+ +-----+
```

PS 620141100
1 November 1985

151



PS 620141100
1 November 1985

152

```

      +-----+
      |VEROBJ|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |VERATT| |VERENT| |VERKW| |VERVIEW| | (CONT) |
+---117+ +---13+ +---14+ +---284+ +---133+ +---186+

```

PS 620141100
1 November 1985

153

```
      +-----+  
      |CESTRUC|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|OPNFIL| |ADDPARM| |GENENT1| |BLKCL1| |(CONT)|  
+-----+ +-----58+ +-----113+ +-----112+ +-----187+
```

PS 620141100
1 November 1985

154

```

      +-----+
      | CERELS |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | | BLKCL1 | | DEPFROM | | GENALTE | | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
| 119+   | | 112+   | | 147+   | | 148+   | | 188+   |

```

PS 620141100
1 November 1985

155

```
      +-----+
      |WRTECKW|
      +-----+
        |
    +-----+
    |         |
    |         |
+---+---+---+
|INSKVEC| |UERROR| |ERRPRO|
+-----47+ +-----3+ +-----+
```

PS 620141100
1 November 1985

156

```
      +-----+
      | COPYAC |
      +-----+
      |
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+-----+-----+-----+-----+
| BLDATT1 | | UERROR | | ADDOAC | | KEYLOOK | | ERRPRO |
+-----189+ +-----3+ +-----42+ +-----+ +-----+
|
      +-----+-----+-----+-----+-----+
      |         |         |         |         |         |
+-----+-----+-----+-----+-----+
| GETNNUM | | UERROR | | INSKC | | INSKCM | | ERRPRO |
+-----126+ +-----3+ +-----71+ +-----101+ +-----+
```

PS 620141100
1 November 1985

157

```
      +-----+  
      |ALLEN|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|GOSQL3| |ERRRPT| |GOFETCH| |STRNCMP| |(CONT)|  
+-----2+ +-----2+ +-----44+ +-----+ +-----190+
```

PS 620141100
1 November 1985

158

```
      +-----+
      |TOPNODE|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COFETCH| |GETECNM| |(CONT)|
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|  -2  | |  -2  | |  -44  | |  -191  |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
                                     |
                                     |
                                +---+---+
                                |STRNCPY|
                                +---+---+
```

PS 620141100
1 November 1985

159

```

+-----+
|ALLREL|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|BLRCKC| |COSQL3| |ERRRPT| |COFETCH| |(CONT)|
+---192+ +---2+ +---2+ +---44+ +---193+

```


PS 620141100
1 November 1985

160

```
      +-----+
      |ALLATT|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | | GENALI | | COEXEC | | COBINDN | | CODFINN |
+-----+ +-----+ +-----+ +-----+ +-----+
| 122    | | 151    | | 2      | | 2      | | 102    |
```

PS 620141100
1 November 1985

161

```
      +-----+  
      |NRGET|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+---+---+   +---+---+   +---+---+   +---+---+   +---+---+  
|(CONT)|   |DELREUS|   |COEXEC|   |COBINDN|   |CODFINN|  
+---126+   +---+---+   +-----2+   +-----2+   +---102+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+---+---+   +---+---+   +---+---+   +---+---+  
|COSQL3|   |ERRRPT|   |COEXEC|   |COBINDN|  
+-----2+   +-----2+   +-----2+   +-----2+
```

PS 620141100
1 November 1985

162

```
      +-----+
      |GETNMO|
      +-----+
      |
      +-----+
      |         |         |         |
      +-----+ +-----+ +-----+ +-----+
      | (CONT) | |COEXEC| |COBINDN| |CODFINN|
      +-----+ +-----+ +-----+ +-----+
      |---126+  |---2+   |---2+   |---102+
```

PS 620141100
1 November 1985

163

```
      +-----+  
      | CRTMAP |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| (CONT) | | CPFNXT | | VERREL | | VERAUC |  
+-----+ +-----+ +-----+ +-----+  
+---130+ +---16+ +---80+ +---51+
```

PS 620141100
1 November 1985

164

```
      +-----+
      | INSMOD |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |
+-----2+ +-----2+ +-----2+ +-----2+
```

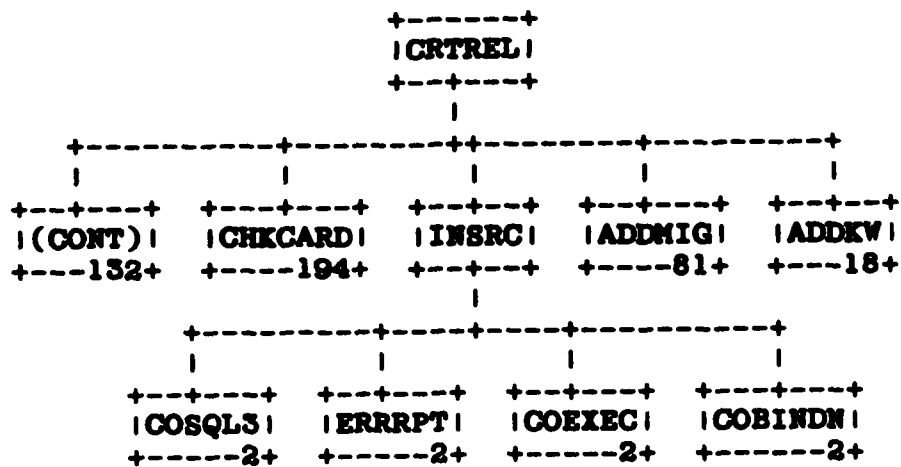
PS 620141100
1 November 1985

165

```
      +-----+
      | CRTMOD |
      +-----+
        |
    +-----+
    |         |
    |         |
+---+---+ +---+---+ +---+---+
| (CONT) | | UWARN | | ERRPRO |
+---131+ +---7+ +-----+
```

PS 620141100
1 November 1985

166



PS 620141100
1 November 1985

167

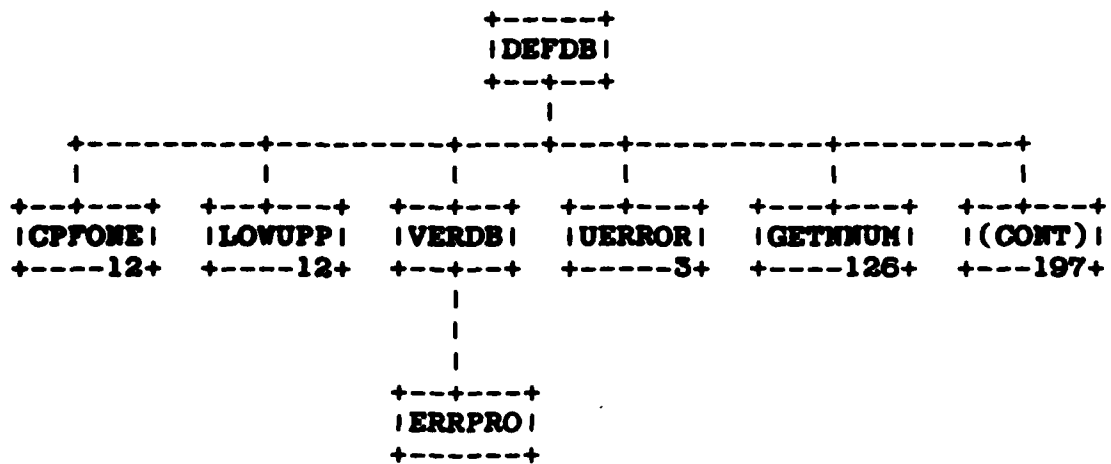
```

+-----+
| CRTVIEW |
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| (CONT) | | INSSEC | | BLVWLST | | REMVIEW |
+-----+ +-----+ +-----+ +-----+
| 133+   | | 195+   | | 196+   |
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| CPHONE | | UERROR | | CPFNXT | | CPFCOR |
+-----+ +-----+ +-----+ +-----+
| 12+    | | 3+     | | 16+    | | 211+
+-----+

```

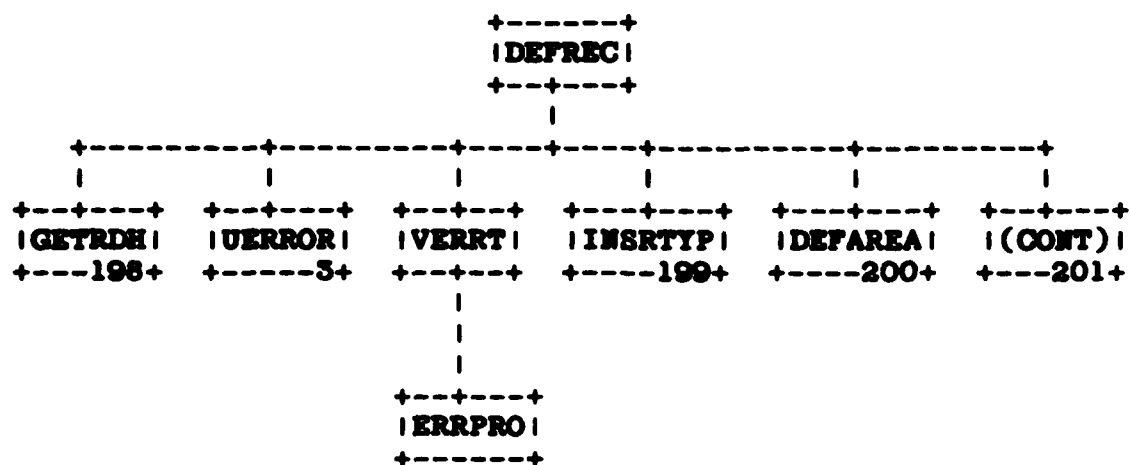

PS 620141100
1 November 1985

168



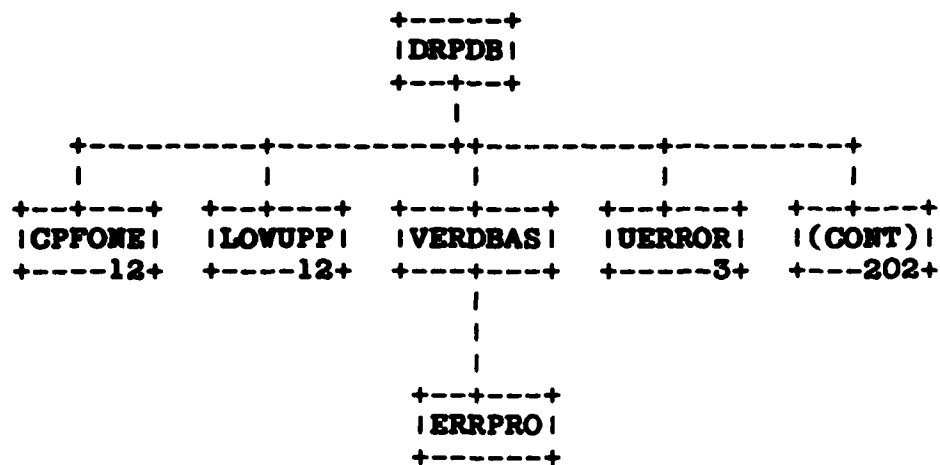
PS 620141100
1 November 1985

189



PS 620141100
1 November 1985

170



PS 620141100
1 November 1985

171

```

+-----+
| BRANCHR |
+-----+
|
+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | | DRPFLD | | DRPREC | | DRPSET | | DESCRB | | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| GETDRT | | UERROR | | DELRTY2 | | ADDRNUM | | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| -207+  | | -3+    | | -208+  | | -355+  | | -209+  |

```

PS 620141100
1 November 1985

172

```
      +-----+
      |GETDBST|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|CPHONE| |VERBAS| |UERROR| |CHGLOBL| |(CONT)|
+-----12+ +-----170+ +-----3+ +-----+ +-----210+
```

173

3-1289

PS 620141100
1 November 1985

174

```
      +-----+  
      | INSDT |  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| (CONT) | | ERRRPT | | COEXEC | | COBINDN |  
+-----+ +-----+ +-----+ +-----+  
| 135    | | 2      | | 2      | | 2      |
```

PS 620141100
1 November 1985

175

```
      +-----+
      |DELIRCS|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```


PS 620141100
1 November 1985

176

```
      +-----+
      |DELIASM|
      +-----+
        |
    +-----+-----+-----+-----+
    |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

177

```
+-----+
|FND1MEM|
+-----+
|
+-----+
|         |
+-----+ +-----+
|UERROR| |ERRPRO|
+-----3+ +-----+
```

PS 620141100
1 November 1985

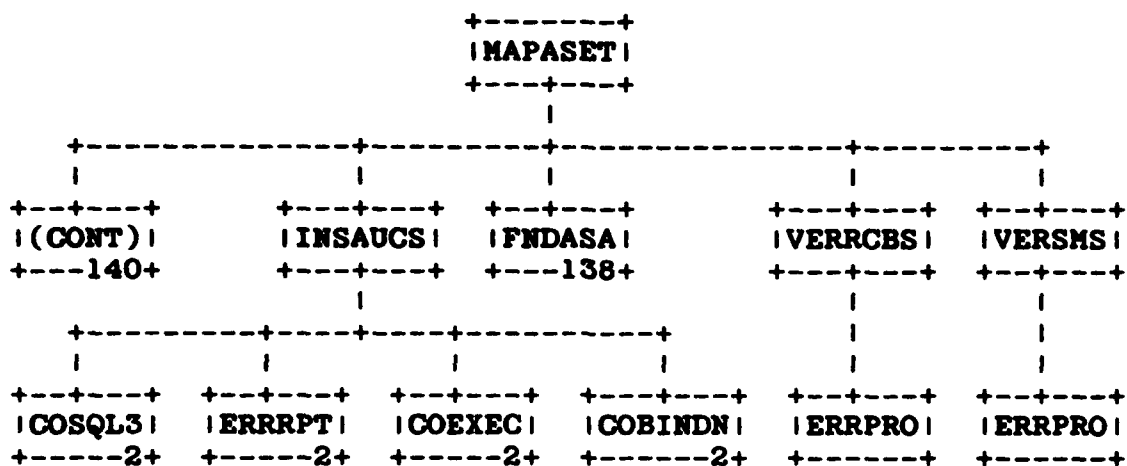
178

```
      +-----+  
      |INSRCRS|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

179

```
      +-----+  
      |MAPADF|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |PDFSRCH| |VERDTD| |VERSDT| |(CONT)|  
+---139+ +---344+ +---49+  +---48+  +---212+
```

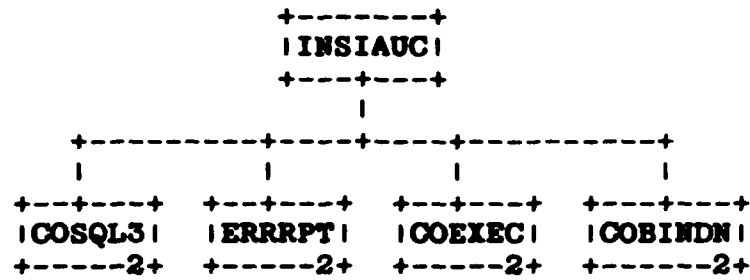


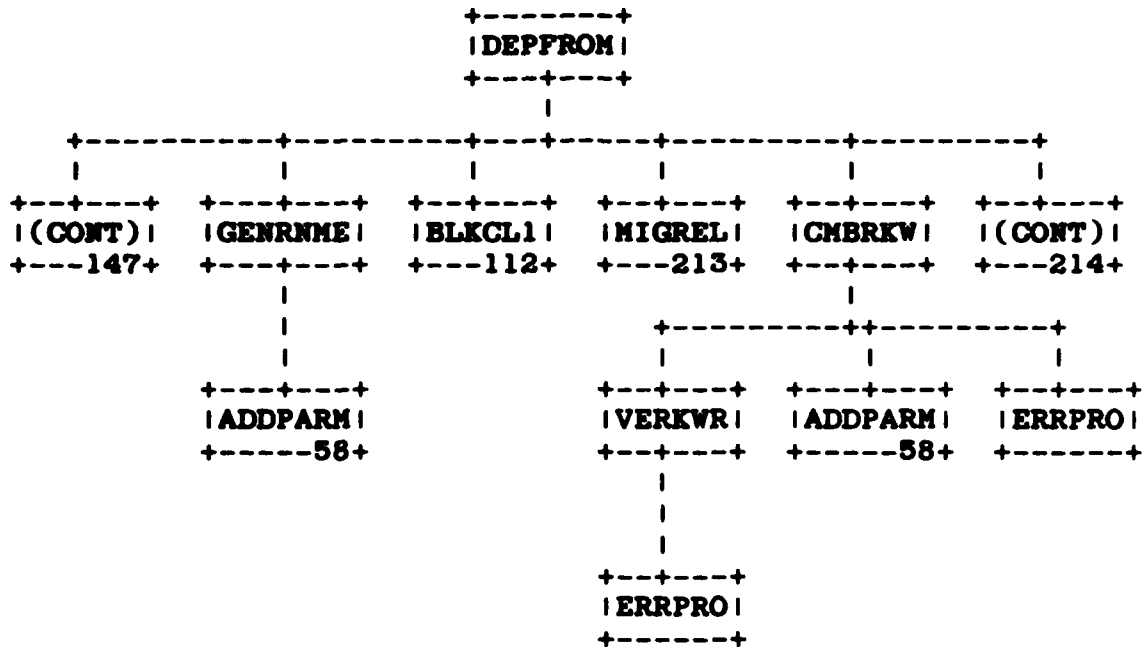
PS 620141100
1 November 1985

181

```
      +-----+  
      | INSAUC |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |  
+-----2+ +-----2+ +-----2+ +-----2+
```

182





PS 620141100
1 November 1985

184

```
      +-----+  
      | INDFROM |  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
| (CONT) | | GENRME | | MIGREL | | CMBRKW | | (CONT) |  
+---149+ +---183+ +---213+ +---183+ +---215+
```

PS 620141100
1 November 1985

185

```

      +-----+
      | WRTDESC |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |
+-----+ +-----+ +-----+ +-----+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |
+-----+ +-----+ +-----+ +-----+
      -2      -2      -2      -2

```

PS 620141100
1 November 1985

186

```
      +-----+
      |VEROBJ|
      +-----+
      |
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |VERDOM| |VERMOD| |VERDB| |SPRINTF| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
| 152 | | 19 | | 21 | | 168 | | 216 |
```

PS 620141100
1 November 1985

187

```

      +-----+
      |CESTRUC|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |GENALTE| |DEPATT| |DEPENT| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
| ---153+ | | ---148+ | | ---217+ | | ---218+ |
+-----+ +-----+ +-----+ +-----+ +-----+
        |
      +-----+-----+-----+-----+
        |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COFETCH| |STRNCMP| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
| ---2+  | | ---2+  | | ---44+  | | ---219+ |
+-----+ +-----+ +-----+ +-----+ +-----+

```

PS 620141100
1 November 1985

188

```
      +-----+
      | CERELS |
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+
| (CONT) | | INDFROM | | CLSFIL | | ERRPRO |
+-----+-----+-----+-----+
| ---154+ | | ---149+ | | ---114+ | | -----+

```

PS 620141100
1 November 1985

189

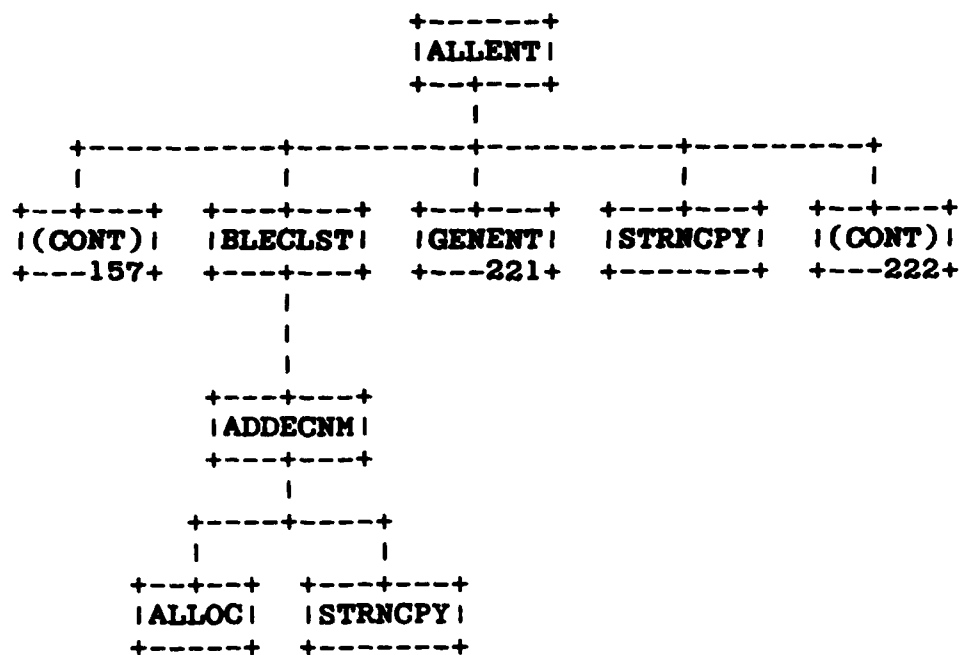
```

+-----+
|BLDATT1|
+-----+
|
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|VERATT| |UWARN| |GETNUM| |UERROR| |INSAC| |(CONT)|
+-----13+ +-----7+ +-----126+ +-----3+ +-----123+ +-----220+

```

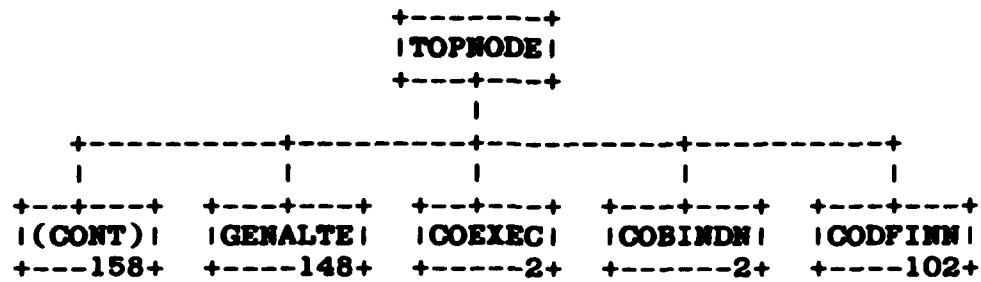
PS 620141100
1 November 1985

190



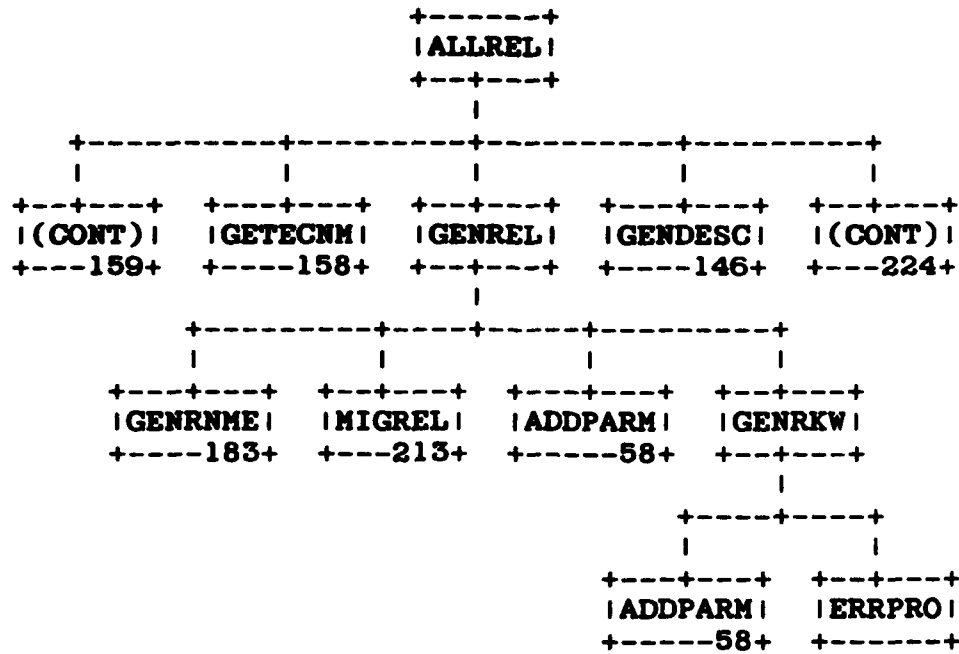
PS 520141100
1 November 1985

191



192

3-1308



PS 620141100
1 November 1985

194

```
      +-----+
      |CHKCARD|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|CPHONE| |LOWUPP| |UWARN| |CPFNYT| |UERROR|
+---12+ +---12+ +---7+ +---16+ +---3+
```

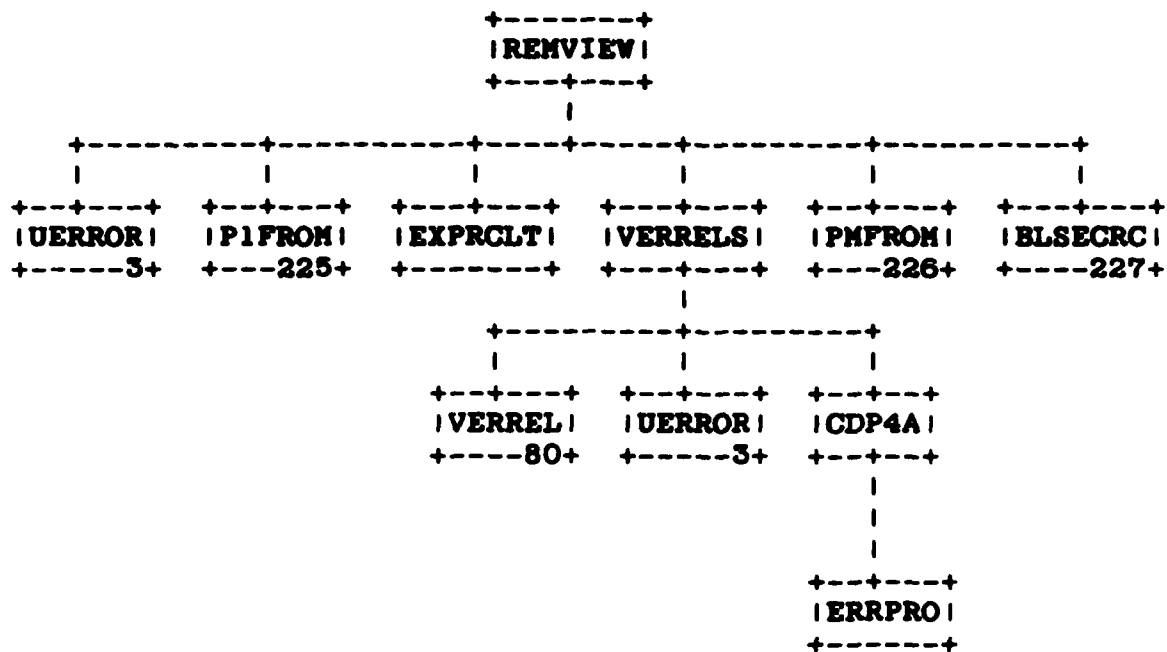
PS 620141100
1 November 1985

195

```
      +-----+
      |INSSEC|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

196



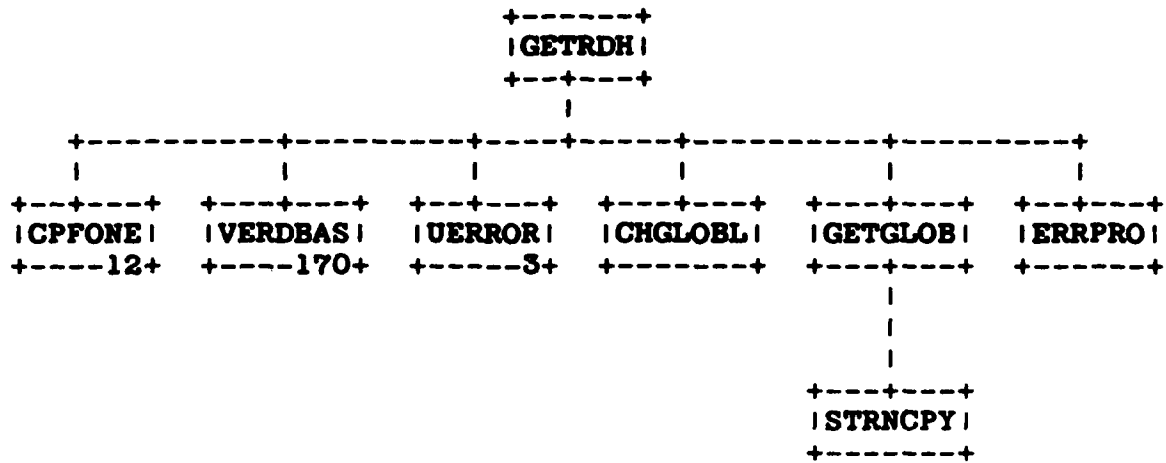
PS 620141100
1 November 1985

197

```
      +-----+  
      |DEFDB|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |INSDB| |DEFORCL| |DEFTOT| |DEFIMS| |(CONT)|  
+---168+ +---228+ +---229+ +---230+ +---231+ +---232+
```

PS 620141100
1 November 1985

198



PS 620141100
1 November 1985

199

```
      +-----+  
      |INSRTYP|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+-----+-----+-----+  
|GETNUM| |SPRINTF| |UERROR| |COSQL3| |(CONT)|  
+-----126+ +-----+ +-----3+ +-----2+ +-----233+
```


PS 620141100
1 November 1985

200

```
      +-----+
      |DEFAREA|
      +-----+
      |
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|CPHONE| |VERAREA| |UERROR| |INSDA| |CPFNXT| |ERRPRO|
+-----12+ +-----230+ +-----3+ +-----+ +-----16+ +-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

201

```
      +-----+  
      |DEFREC|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |DEFIMSS| |DEFFLD| |DEFKEY| |ERRPRO|  
+---169+ +---234+ +---235+ +---236+ +-----+
```

PS 620141100
1 November 1985

202

```
      +-----+
      |DRPDB|
      +---+---+
      |
+-----+-----+-----+-----+
|      |      |      |      |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT)| |DELDBS1| |DELSN1| |DELDERT| | (CONT)|
+---170+ +---237+ +---+---+ +---238+ +---239+
      |
      +-----+-----+-----+-----+
      |      |      |      |      |
+---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

203

```
      +-----+  
      |DRPFLD|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|CPFONE| |UERROR| |VERDBAS| |VERDFLD| |(CONT)|  
+---12+ +---3+ +---170+ +---211+ +---240+
```

PS 620141100
1 November 1985

204

```
      +-----+  
      |DRPSET|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|CPHONE| |VERDBAS| |UERROR| |VERRSET| |(CONT)|  
+---12+ +---170+ +---3+ +---134+ +---241+
```

PS 620141100
1 November 1985

205

```

+-----+
|DESCRB|
+---+---+
|
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|CPFONE| |VEROBJ| |TXTTYP| |RDDESC| |LOADESC| |(CONT)|
+---12+ +---91+ +---+---+ +---242+ +---+---+ +---243+
|         |         |         |         |         |         |
|         |         |         |         |         |         |
+---+---+ +---+---+ +---+---+
|CPFONE| |SPRINTF| |UWARN|
+---12+ +---+---+ +---7+

```

PS 620141100
1 November 1985

206

```
      +-----+
      | BRANCHR |
      +-----+
      |
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | | DRPATT | | DRPDOM | | DRPALI | | DRPVIEW | | (CONT) |
+---171+ +---244+ +---245+ +---246+ +---247+ +---248+
```

PS 620141100
1 November 1985

207

```
      +-----+  
      |GETDRT|  
      +-----+  
      |  
+-----+-----+-----+  
|         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+  
|CPHONE| |UERROR| |VERBAS| |VERRT|  
+---12+ +---3+ +---170+ +---169+
```


PS 620141100
1 November 1985

208

```
      +-----+
      |DELRTY2|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

209

```
      +-----+  
      |DRPREC|  
      +---+---+  
      |  
+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |DELTEXT| |DELDAA2| |DELDFL2| |(CONT)|  
+---171+ +---373+ +---249+ +---250+ +---251+
```

PS 620141100
1 November 1985

210

```
      +-----+
      |GETDBST|
      +-----+
        |
+-----+-----+-----+
|         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |GETGLOB| |CPFNYT| |ERRPRO|
+---172+ +---198+ +---16+ +---+---+
```

PS 620141100
1 November 1985

211

```

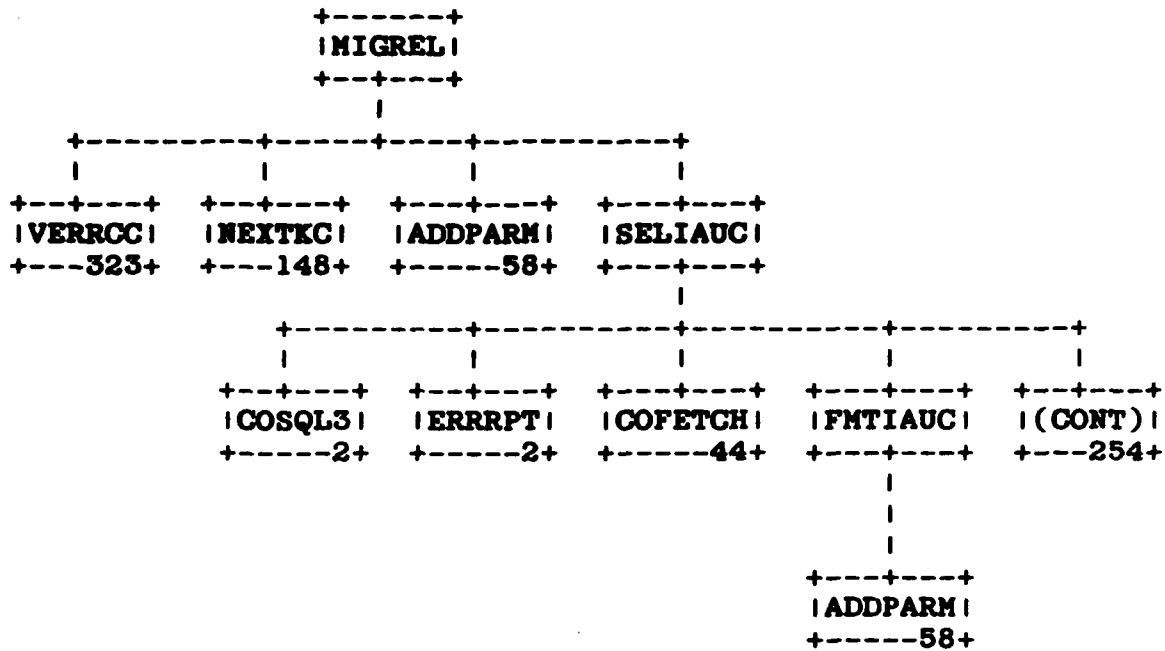
+-----+
|DEFSET|
+-----+
|
+-----+-----+-----+-----+-----+
| | | | | |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |INSRSET| |VERDFLD| |INSDSL| |CPFCOR| |LOWUPP|
+----173+ +----252+ +-----+ +----253+ +-----+ +----12+
| | | | | |
| | | | | |
+-----+ +-----+
|ERRPRO| |STRNCPY|
+-----+ +-----+

```

PS 620141100
1 November 1985

212

```
      +-----+
      |MAPADF|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+
| (CONT) | |FINDDOM| |VERPDF| |VERDF|
+-----+-----+-----+-----+
| 179+   | | 49+   | | 49+   | |
+-----+-----+-----+-----+
                                     |
                                     |
                                     +-----+
                                     |ERRPRO|
                                     +-----+
```



PS 620141100
1 November 1985

214

```
      +-----+
      |DEPFROM|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+
| (CONT) | |ADDPARM| |GENDESC| |ERRPRO|
+-----+-----+-----+-----+
|   183  | |   58  | |  146  | |      |
+-----+-----+-----+-----+
```

PS 620141100
1 November 1985

215

```
      +-----+
      | INDFROM |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |ADDPARM| |GENDESC| |ERRPRO|
+---184+  +---58+  +---146+  +-----+
```


PS 620141100
1 November 1985

216

```
      +-----+  
      |VEROBJ|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|          |          |          |          |  
+-----+ +-----+ +-----+ +-----+  
| (CONT) | |UERROR| |VERRT| |VERRSET|  
+-----+ +-----+ +-----+ +-----+  
+---186+ +---3+ +---169+ +---134+
```

PS 620141100
1 November 1985

217

```

+-----+
|DEPATT|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COFETCH| |STRNCMP| |(CONT)|
+-----2+ +-----2+ +-----44+ +-----+ +---255+

```

PS 620141100
1 November 1985

218

```

+-----+
|CESTRUC|
+-----+
|
+-----+-----+-----+-----+-----+
|
+-----+          +-----+          +-----+          +-----+          +-----+
| (CONT) |          |DPKCLST|          |DEPREL|          |CLSFIL|          |ERRPRO|
+-----187+          +-----256+          +-----114+          +-----+
|
+-----+-----+-----+-----+-----+
|
+-----+          +-----+          +-----+          +-----+          +-----+
|COSQL3|          |ERRRPT|          |COFETCH|          |AKCROW|          |(CONT)|
+-----2+          +-----2+          +-----44+          +-----112+          +-----257+

```

PS 620141100
1 November 1985

219

```

+-----+
|DEPENT|
+---+---+
|
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|(CONT)| |GENDESC| |BLECLST| |GENENT| |(CONT)|
+---187+ +---146+ +---190+ +---221+ +---258+

```

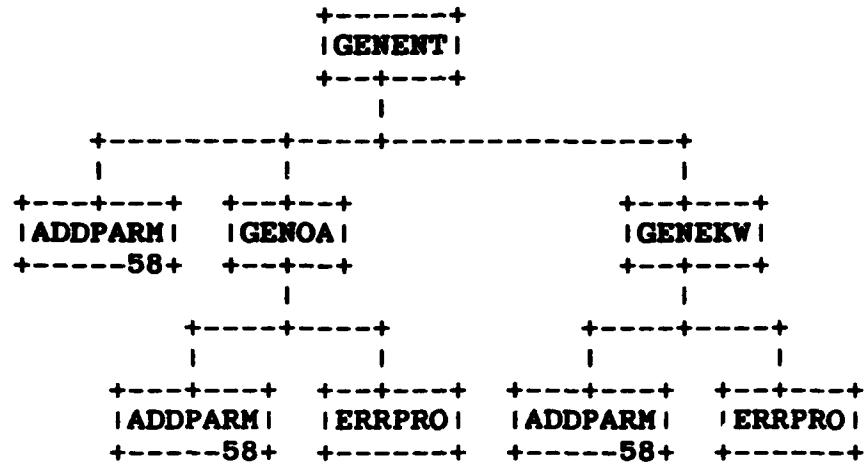
PS 620141100
1 November 1985

220

```
      +-----+
      |BLDATT1|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |WRTANAM| |WRTACKW| |INSACNM| |WRTDESC|
+-----+ +-----+ +-----+ +-----+ +-----+
| 189+   | |      | | 150+   | | 124+   | | 185+   |
+-----+ +-----+ +-----+ +-----+ +-----+
|         |         |         |
+-----+ +-----+ +-----+
|INSACNM| |UERROR| |ERRPRO|
+-----+ +-----+ +-----+
| 124+   | | 3+    | |      |
+-----+ +-----+ +-----+
```

PS 620141100
1 November 1985

221



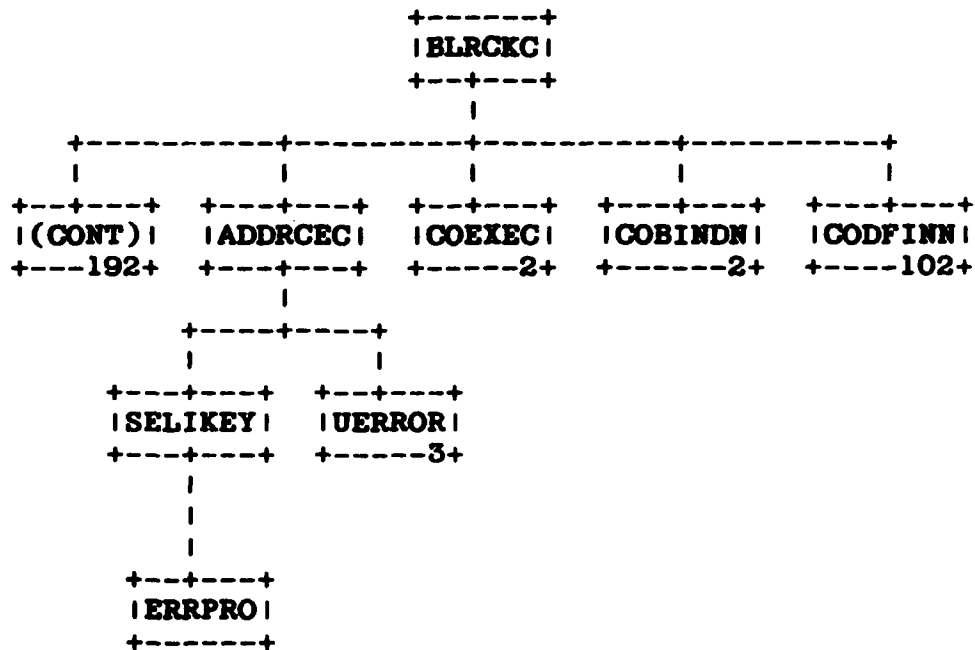
PS 620141100
1 November 1985

222

```
      +-----+  
      | ALLENT |  
      +-----+  
      |  
+-----+-----+-----+-----+-----+-----+  
|         |         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
| (CONT) | | GENDESC | | GENALI | | COEXEC | | COBINDN | | GODFINN |  
+---190+ +---146+ +---151+ +---2+ +---2+ +---102+
```

PS 620141100
1 November 1985

223



PS 620141100
1 November 1985

224

```
      +-----+  
      |ALLREL|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+-----+  
|+-----+|+-----+|+-----+|+-----+|+-----+|+-----+|  
|(CONT)| |ALLKEY| |STRNCPY| |COEXEC| |COBINDN| |CODFINN|  
+---193+ +---259+ +-----+ +-----2+ +-----2+ +---102+
```

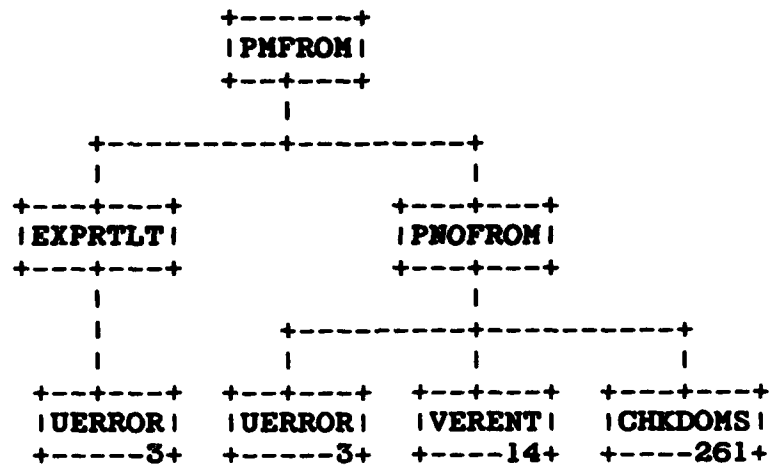
```

+-----+
|P1FROM|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|VERENT| |UERROR| |ALLVIEW| |SMVIEW| |CHKDOMS|
+-----14+ +-----3+ +-----260+ +-----261+
|
+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|VERSDT| |UERROR| |INSDI| |INSPDI| |ERRPRO|
+-----48+ +-----3+ +-----262+ +-----+ +-----+
|
+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```

PS 620141100
1 November 1985

226



PS 620141100
1 November 1985

227

```
      +-----+
      |BLSECRC|
      +-----+
      |
      +-----+
      |
      +-----+ +-----+
      |INSSECR| |UERROR|
      +-----+ +-----3+
      |
      +-----+-----+-----+-----+
      |         |         |         |
      +-----+ +-----+ +-----+ +-----+
      |COSQL3| |ERRRPT| |COEXEC| |COBINDN|
      +-----2+ +-----2+ +-----2+ +-----2+
```

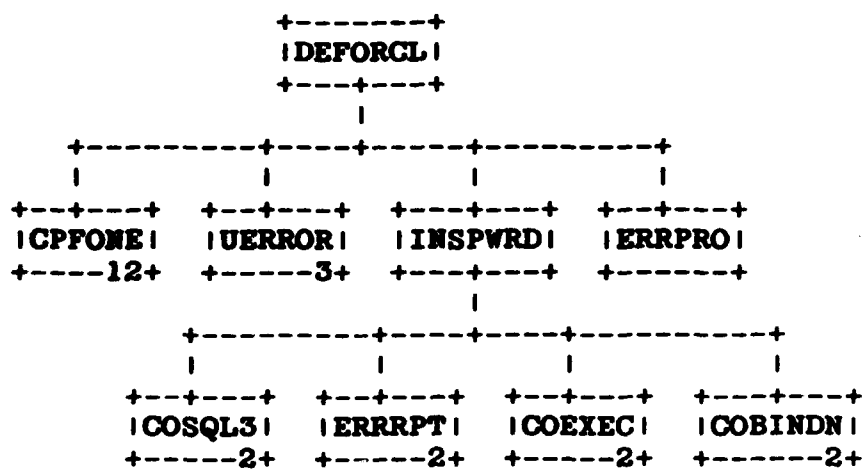
PS 620141100
1 November 1985

228

```
      +-----+  
      |INSDB|  
      +---+---+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+---+---+ +---+---+ +---+---+ +---+---+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

229



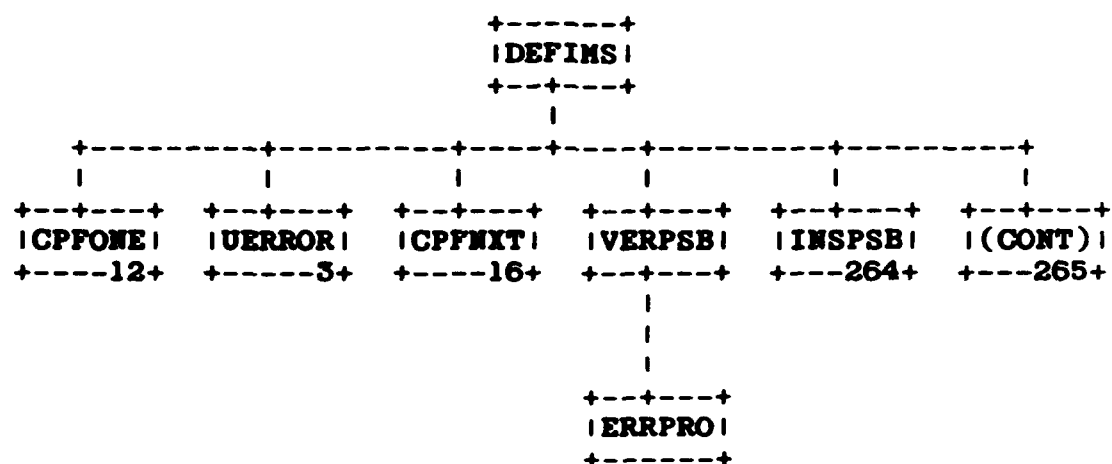
PS 620141100
1 November 1985

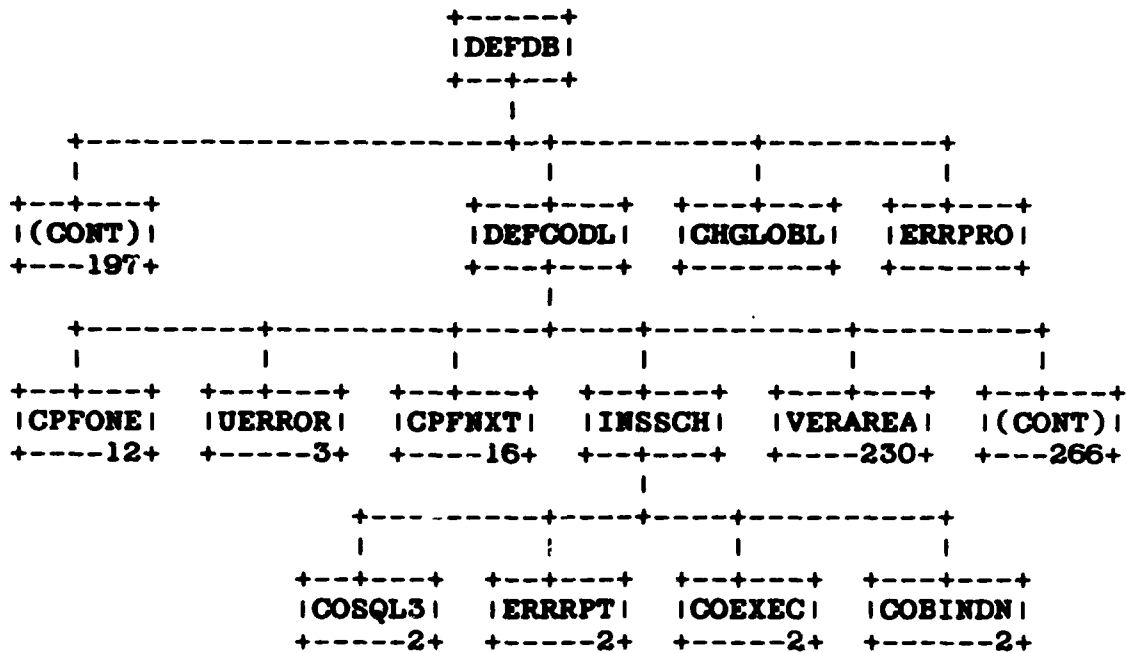
230

```
      +-----+  
      |DEFTOT|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|CPHONE| |UERROR| |VERAREA| |INSAREA| |CPFNXT| |ERRPRO|  
+-----12+ +-----3+ +-----+ +-----263+ +-----16+ +-----+  
|  
|  
|  
+-----+  
|ERRPRO|  
+-----+
```

PS 620141100
1 November 1985

231





PS 620141100
1 November 1985

233

```
      +-----+  
      |INSRTYP|  
      +-----+  
      |  
+-----+  
|         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|(CONT)| |ERRRPT| |COEXEC| |COBINDW|  
+---199+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

234

```
      +-----+  
      |DEFIMSS|  
      +-----+  
      |  
+-----+-----+-----+  
|         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|CPFONE| |UERROR| |INSISS| |ERRPRO|  
+-----12+ +-----3+ +-----+ +-----+  
      |  
+-----+-----+-----+  
|         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |GOEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

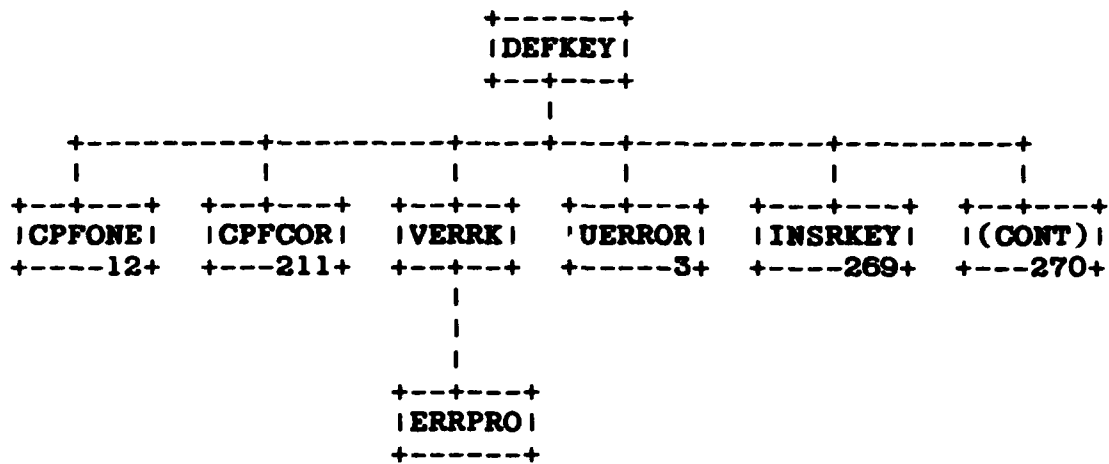
```

+-----+
|DEFFLD|
+-----+
|
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|CPHONE| |CPFCOR| |LOWUPP| |INSDFLD| |UERROR| |(CONT)|
+-----12+ +-----211+ +-----12+ +-----+ +-----3+ +-----267+
|
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|GETNNUM| |SPRINTF| |UERROR| |COSQL3| |(CONT)|
+-----126+ +-----+ +-----3+ +-----2+ +-----268+

```

PS 620141100
1 November 1985

236



PS 620141100
1 November 1985

237

```
      +-----+  
      |DELDBS1|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQLS| |ERRRPT| |COEXEC| |COBINDM|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1965

236

```
      +-----+
      | DELDERT |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| DELRTY2 | | UERROR | | ADDRNUM | | DELTEXT | | ERRPRO |
+-----208+ +-----3+ +-----355+ +-----373+ +-----+
```

PS 620141100
1 November 1985

239

```
      +-----+
      |DRPDS|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |DELDAA| |DELDEF| |DELDET| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
| 202 |   | 271 |   | 272 |   | 273 |
+-----+ +-----+ +-----+ +-----+ +-----+
|         |         |         |         |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDM|
+-----+ +-----+ +-----+ +-----+
| 2 |   | 2 |   | 2 |   | 2 |
```


PS 620141100
1 November 1985

240

```
      +-----+
      |DRPFLD|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |ADDRNUM| |DELTEXT| |VERDSL3| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
|  -203  | |  -355  | |  -373  | |         | |  -274  |
+-----+ +-----+ +-----+ +-----+ +-----+
                                     |
                                     |
                                +-----+
                                |ERRPRO|
                                +-----+
```

PS 620141100
1 November 1985

241

```

+---+---+
|DRPSET|
+---+---+
|
+---+---+---+---+---+---+
|           |           |           |           |
+---+---+   +---+---+   +---+---+   +---+---+   +---+---+
| (CONT) | | DELRST2 | | DELSTM2 | | DELASM2 | | (CONT) |
+---204+   +---275+   +---+---+   +---336+   +---276+
|
+---+---+---+---+---+---+
|           |           |           |           |
+---+---+   +---+---+   +---+---+   +---+---+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDM |
+---2+     +---2+     +---2+     +---2+

```

PS 620141100
1 November 1985

242

```
      +-----+  
      |RDDESC|  
      +---+---+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|COSQL3| |ERRRPT| |SPRINTF| |UERROR| |(CONT)|  
+-----2+ +-----2+ +-----+ +-----3+ +---277+
```

PS 620141100
1 November 1985

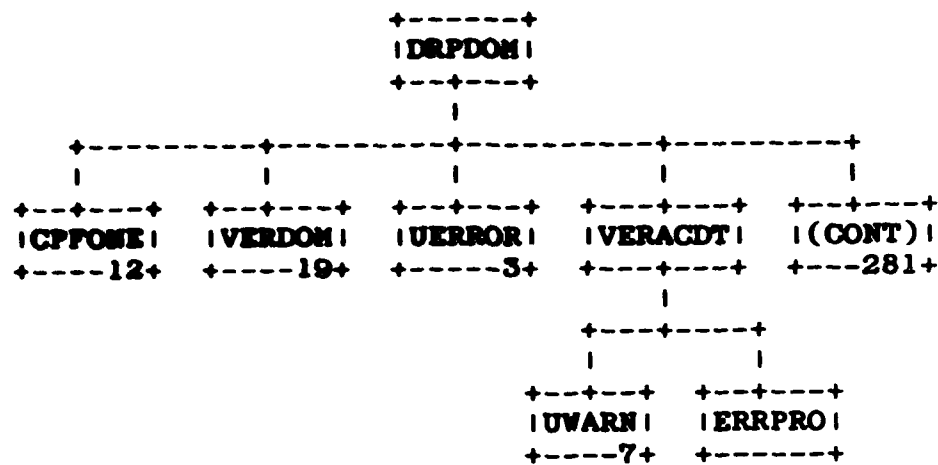
243

```
      +-----+  
      |DESCRB|  
      +---+---+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |TOUPPER| |VERDSTP| |SPRINTF| |UERROR|  
+---205+ +-----+ +-----61+ +-----+ +-----3+
```

PS 620141100
1 November 1985

244

```
      +-----+  
      |DRPATT|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|CPPONE| |DELMTC| |VERATT| |DELOAC| |DELAC| |(CONT)|  
+---12+ +---44+ +---13+ +---278+ +---279+ +---280+
```



AD-A181 705

INTEGRATED INFORMATION SUPPORT SYSTEM (IISS) VOLUME 5

4/5

COMMON DATA MODEL 5. (U) GENERAL ELECTRIC CO

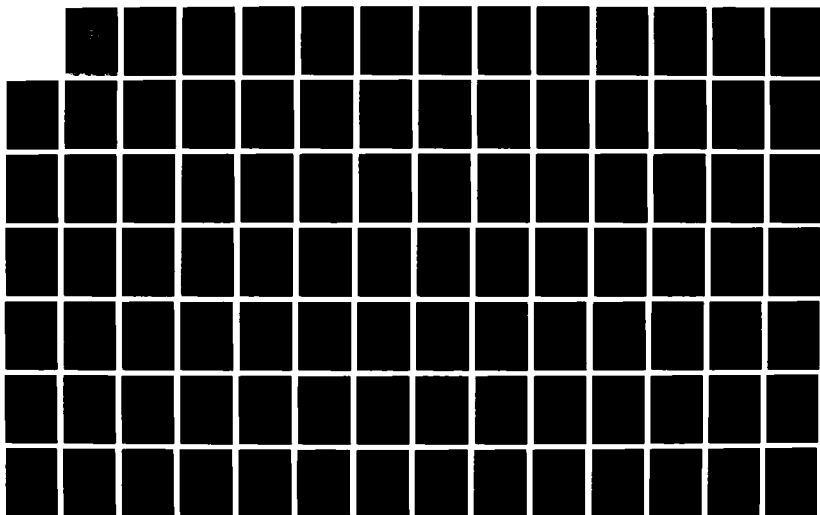
SCHENECTADY NY PRODUCTION RESOURCES CONSU..

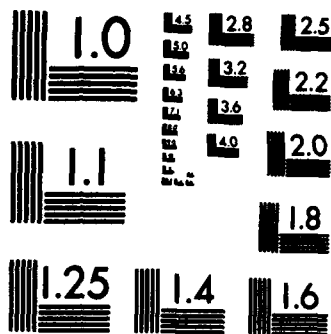
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F/G 12/5

NL





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

PS 620141100
1 November 1985

246

```
      +-----+
      |DRPALI|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|CPHONE| |LOWUPP| |VERENT| |UERROR| |VERATT| |(CONT)|
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|      -12+ |      -12+ |      -14+ |      -3+ |      -13+ |      -282+
```

PS 620141100
1 November 1985

247

```

+-----+
|DRPVIEW|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|CPFONE| |VERVIEW| |UERROR| |DELPDI| |(CONT)|
+-----12+ +-----133+ +-----3+ +-----283+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```

PS 620141100
1 November 1985

248

```

+-----+
| BRANCHR |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| | | | | |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | | DRPKWC | | DRPMAP | | DRPENT | | DRPMOD | | (CONT) |
+-----206+ +-----284+ +-----285+ +-----+ +-----286+ +-----287+
|
+-----+-----+-----+-----+-----+-----+
| | | | | |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| CPFONE | | VERENT | | UERROR | | FNDOAC | | FNDAUC | | (CONT) |
+-----12+ +-----14+ +-----3+ +-----288+ +-----+ +-----289+
|
+-----+-----+-----+
| | |
+-----+ +-----+ +-----+
| DELAUC | | UERROR | | ERRPRO |
+-----307+ +-----3+ +-----+

```

PS 620141100
1 November 1985

249

```
      +-----+  
      |DELDAA2|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

250

```
      +-----+  
      |DELDFL2|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|      |      |      |      |      |      |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |GOFETCH| |DELTEXT| |DRPDF| |(CONT)|  
+-----2+ +-----2+ +-----44+ +-----373+ +-----290+ +-----291+
```

```
      +-----+
      |DRPREC|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |PDFREC| |DELRY2| |DELRY2| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
| -209+  | | -292+  | | -338+  | | -293+  |
+-----+ +-----+ +-----+ +-----+ +-----+
      |
      +-----+-----+-----+-----+
      |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----+ +-----+ +-----+ +-----+ +-----+
| -2+    | | -2+    | | -2+    | | -2+    |
+-----+ +-----+ +-----+ +-----+ +-----+
```

PS 620141100
1 November 1985

252

```
      +-----+  
      |INSRSET|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

253

```
      +-----+  
      | INSDSL |  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |  
+-----2+ +-----2+ +-----2+ +-----2+
```


PS 620141100
1 November 1985

254

```
      +-----+
      |SELIAUC|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|(CONT)| |STRNCPY| |COEXEC| |COBINDM| |CODFINN|
+---213+ +-----+ +-----2+ +-----2+ +---102+
```

PS 620141100
1 November 1985

255

```
      +-----+  
      |DEPATT|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|(CONT)| |GENDESC| |GENATT| |STRNCPY| |(CONT)|  
+---217+ +---146+ +---116+ +-----+ +---294+
```

PS 620141100
1 November 1985

256

```

+-----+
|DEPREL|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |BLRCKC1| |COFETCH| |(CONT)|
+-----2+ +-----2+ +-----+ +-----44+ +-----295+
|
+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|INITRDL| |COSQL3| |ERRRPT| |COFETCH| |(CONT)|
+-----+ +-----2+ +-----2+ +-----44+ +-----296+

```

PS 620141100
1 November 1985

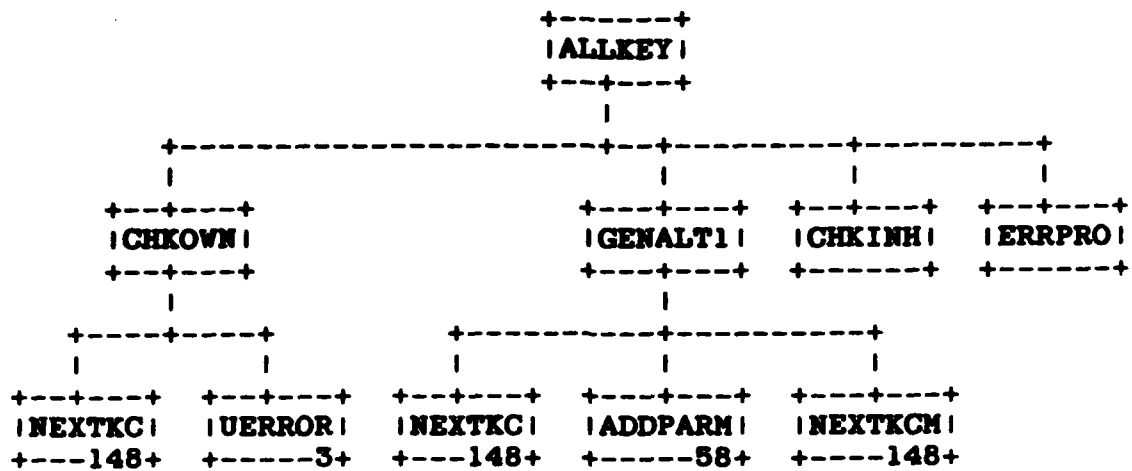
257

```
      +-----+
      |DPKCLST|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |STRNCPY| |COEXEC| |COBINDN| |CODFINN|
+-----+ +-----+ +-----+ +-----+ +-----+
| 218    | |         | | 2    | | 2    | | 102    |
```

PS 620141100
1 November 1985

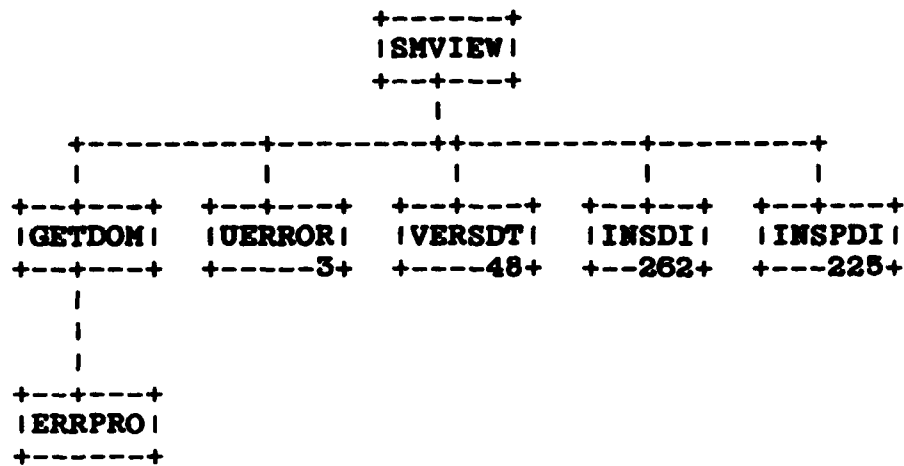
258

```
      +-----+
      |DEPENT|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |STRNCPY| |GENALI| |COEXEC| |COBINDN| |CODFINN|
+---219+ +-----+ +---151+ +---2+ +---2+ +---102+
```



PS 620141100
1 November 1985

260



PS 620141100
1 November 1985

261

```
      +-----+  
      |CHKDOMS|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|GETDOM| |UERROR| |VERDTD| |INSDI| |INSPDI| |VERSDT|  
+---260+ +---3+ +---49+ +---262+ +---225+ +---48+
```

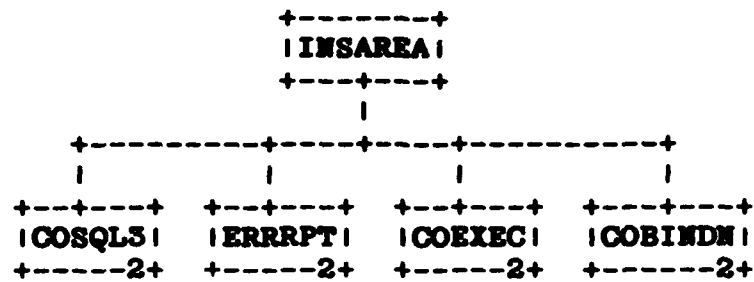

PS 620141100
1 November 1985

262

```
      +-----+  
      | INSDI |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
| GETNUM | | SPRINTF | | UERROR | | COSQL3 | | (CONT) |  
+-----126+ +-----+ +-----3+ +-----2+ +-----297+
```

PS 620141100
1 November 1985

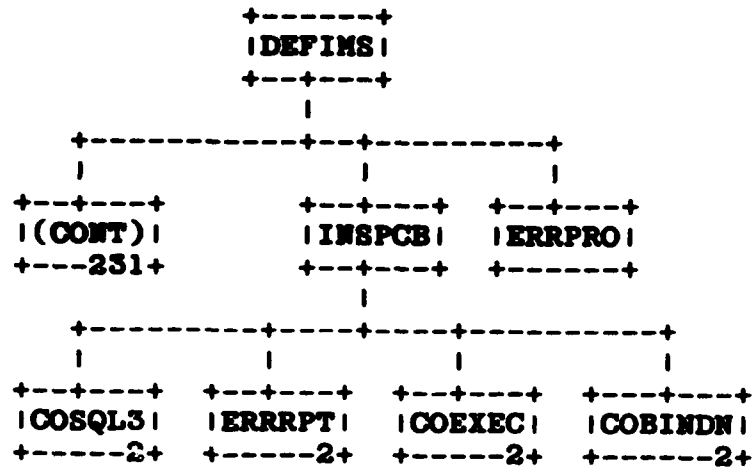
263



PS 620141100
1 November 1985

264

```
      +-----+  
      |INSPSB|  
      +---+---+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+---+---+ +---+---+ +---+---+ +---+---+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDW|  
+-----2+ +-----2+ +-----2+ +-----2+
```



PS 620141100
1 November 1985

266

```
      +-----+
      |DEFCODL|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |UWARN| |INSAREA| |ERRPRO|
+---232+ +---7+ +---263+ +-----+
```

PS 620141100
1 November 1985

267

```

+-----+
|DEFFLD|
+-----+
|
+-----+-----+-----+-----+
|               |               |               |
+-----+       +-----+       +-----+       +-----+
| (CONT) |       | INSSDFL |       | CPFNXT |       | ERRPRO |
+-----+       +-----+       +-----+       +-----+
+-----235+     +-----+       +-----16+     +-----+
|
+-----+-----+-----+-----+
|               |               |               |
+-----+       +-----+       +-----+       +-----+
| COSQL3 |       | ERRRPT |       | COEXEC |       | COBINDN |
+-----+       +-----+       +-----+       +-----+
+-----2+     +-----2+     +-----2+     +-----2+

```

PS 620141100
1 November 1985

268

```
      +-----+  
      | INSDFLD |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|          |          |          |          |  
+---+---+ +---+---+ +---+---+ +---+---+  
| (CONT) | | ERRRPT | | GOEXEC | | COBINDN |  
+---235+ +---2+ +---2+ +---2+  

```

PS 620141100
1 November 1985

269

```

      +-----+
      |INSRKEY|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----+ +-----+ +-----+ +-----+
      -2      -2      -2      -2

```


PS 620141100
1 November 1985

270

```
      +-----+  
      |DEFKEY|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
| (CONT) | |CPFVAL| |CPFNXT| |VERRKM| |INSRKM| |ERRPRO|  
+-----+ +-----+ +-----16+ +-----+ +-----298+ +-----+  
      |  
      |  
      +-----+  
      |ERRPRO|  
      +-----+
```

PS 620141100
1 November 1985

271

```
      +-----+
      | DELDBDF |
      +-----+
      |
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+-----+-----+-----+-----+
| DELDFL3 | | UERROR | | ADDRNUM | | DELTEXT | | ERRPRO |
+-----+-----+-----+-----+-----+
|      356 | |      3  | |    355 | |    373 | |      3  |
+-----+-----+-----+-----+-----+
```

PS 620141100
1 November 1985

272

```
      +-----+
      |DELDBST|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|DELRST2| |UERROR| |ADDRNUM| |DELTEXT| |ERRPRO|
+-----+ +-----+ +-----+ +-----+ +-----+
|275|    |3|    |355|    |373|    |
```

PS 620141100
1 November 1985

273

```

      +---+---+
      |DRPDB|
      +---+---+
          |
+-----+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |DELSTM1| |DEL RKY1| |DEL RKM1| |(CONT) |
+---239+  +---299+  +---300+  +---+---+ +---301+
                                     |
                                     +-----+-----+-----+-----+
                                     |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+   +---2+   +---2+   +---2+

```

PS 620141100
1 November 1985

274

```

+-----+
|DRPFLD|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DEDSL3| |DELSTM3| |DELRST3| |(CONT)|
+---240+ +---302+ +---303+ +---+ +---304+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+

```

PS 620141100
1 November 1985

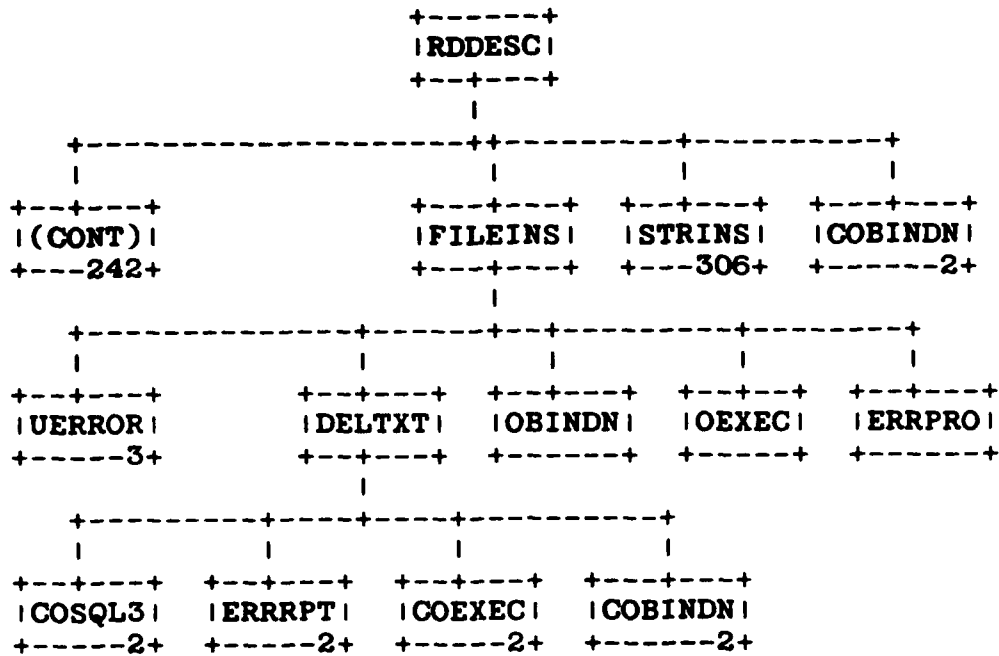
275

```
      +-----+  
      |DELRST2|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+-----+-----+-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

276

```
      +-----+
      |DRPSET|
      +-----+
      |
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DELRBR2| |DLDSL2| |ADDRNUM| |DELTEXT| |ERRPRO|
+---241+ +---305+ +---+ +---355+ +---373+ +---+
      |
      +-----+-----+-----+-----+
      |         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+
```



PS 620141100
1 November 1985

278

```
      +-----+
      |DELOAC|
      +-----+
      |
      +-----+-----+-----+-----+
      |               |               |               |
+---+---+ +---+---+ +---+---+ +---+---+
|DELAUC| |UERROR| |DELOWAC| |ERRPRO|
+---307+ +---3+ +---+---+ +---+---+
      |
      +-----+-----+-----+-----+
      |               |               |               |
+---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

279

```
      +-----+  
      | DELAC |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |  
+-----2+ +-----2+ +-----2+ +-----2+
```

```

+-----+
|DRPATT|
+-----+
|
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+-----+-----+-----+-----+
|(CONT)| |DELACNM| |DELACKW| |DELTEXT| |(CONT)|
+-----244+ +-----308+ +-----373+ +-----309+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```

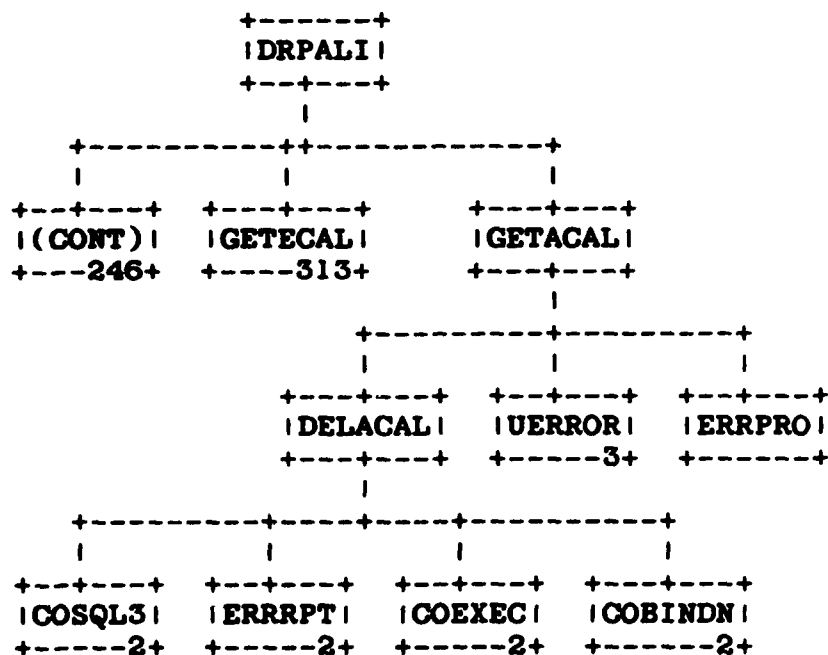
PS 620141100
1 November 1985

281

```

+-----+
|DRPDOM|
+-----+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |DOMUSAG| |DELDTNO| |DELDTD| | (CONT) |
+---245+ +---310+ +---311+ +---+---+ +---312+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+

```



PS 620141100
1 November 1985

283

```

+-----+
|DRPVIEW|
+-----+
|
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+-----+-----+-----+-----+
| (CONT) | |DELSECR| |DRPDIV| |DELDIV| |DELSEC| | (CONT) |
+-----247+ +-----314+ +-----315+ +-----316+ +-----317+
|
+-----+-----+
|         |         |
+-----+-----+
|DELTEXT| |ADDRNUM| |ERRPRO|
+-----373+ +-----355+ +-----+

```

PS 620141100
1 November 1985

284

```
      +-----+  
      |DRPKWC|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|CPFONE| |VERKW| |UERROR| |DELKWAC| |DELKWEC| |(CONT)|  
+---12+ +---+---+ +---3+ +---318+ +---319+ +---320+  
      |  
      |  
      +---+---+  
      |ERRPRO|  
      +---+---+
```

PS 620141100
1 November 1985

285

```
      +-----+  
      |DRPMAP|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|CPHONE| |VERENT| |SPRINTF| |UERROR| |(CONT)|  
+-----12+ +-----14+ +-----+ +-----3+ +-----321+
```


PS 620141100
1 November 1985

286

```
      +-----+
      |DRPMOD|
      +-----+
      |
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|CPHONE| |UERROR| |VERMOD| |DELMOD| |DELTEXT| |(CONT)|
+-----12+ +-----3+ +-----21+ +-----+ +-----373+ +-----322+
|
      +-----+-----+-----+-----+
      |         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

287

```

+-----+
| BRANCHR |
+-----+
|
+-----+-----+-----+-----+
| | | | |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | | DRPREL | | MRGMOD | | RENAME | | HALT |
+---248+ +---323+ +---324+ +---325+ +---+---+
|
+-----+-----+-----+-----+
| | | | |
+---+---+ +---+---+ +---+---+ +---+---+
| CPFONE | | STRNCMP | | ROLBACK | | COMMIT |
+---12+ +-----+ +-----5+ +-----10+

```

PS 620141100
1 November 1985

288

```
      +-----+  
      |FNDOAC|  
      +-----+  
      |  
+-----+-----+  
|         |         |  
+---+---+ +---+---+ +---+---+  
|DELOAC| |UERROR| |ERRPRO|  
+---278+ +---3+ +---+  
+---+---+ +---+---+ +---+---+
```

PS 620141100
1 November 1985

289

```

+-----+
|DRPENT|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |DELMTKC| |DRPRCE| |DELECNM| | (CONT) |
+-----248+ +-----44+ +-----326+ +-----327+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```

PS 620141100
1 November 1985

290

```
      +-----+
      |DRPDF|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

291

```
      +-----+  
      |DELDFL2|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |ADDRNUM| |COEXEC| |COBINDN| |CODFINN|  
+---250+ +---355+ +---2+ +---2+ +---102+
```

PS 620141100
1 November 1985

292

```
      +-----+  
      |PDFREC|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+-----+-----+-----+  
|DELPDFT| |DEL1PDF| |UERROR| |ERRPRO|  
+-----343+ +-----371+ +-----3+ +-----+  
+-----+-----+-----+-----+
```

PS 620141100
1 November 1985

293

```

+-----+
|DRPREC|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|      |      |      |      |      |      |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DELISS2| |DELSDF2| |DELDSL2| |SELRSET| |SELSTM|
+---251+ +---328+ +---329+ +---+---+ +---330+ +---331+
|
+-----+-----+-----+-----+
|      |      |      |      |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+

```


PS 620141100
1 November 1985

294

```

      +-----+
      |DEPATT|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |GENALI| |COEXEC| |COBINDN| |CODFINN|
+-----+ +-----+ +-----+ +-----+ +-----+
| 255    | | 151    | | 2      | | 2      | | 102    |

```

PS 620141100
1 November 1985

295

```

      +-----+
      |DEPREL|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |SELECNM| |GENREL | |GENDESC| | (CONT) |
+-----+ +-----+ +-----+ +-----+ +-----+
| 256    | | 147    | | 193    | | 146    | | 332    |

```

PS 620141100
1 November 1985

296

```
      +-----+  
      |BLRCKC1|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|(CONT)| |ADDRCEC| |COEXEC| |COBINDN| |CODFINN|  
+---256+ +---223+ +---2+   +---2+   +---102+
```

PS 620141100
1 November 1985

297

```
      +-----+  
      | INSDI |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| (CONT) | | ERRRPT | | COEXEC | | COBINDN |  
+-----+ +-----+ +-----+ +-----+  
+---262+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

298

```
      +-----+  
      |INSRKM|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

299

```

+-----+
| DELSTM1 |
+-----+
|
+-----+-----+-----+-----+
|               |               |               |               |
+-----+-----+-----+-----+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |
+-----2+ +-----2+ +-----2+ +-----2+

```

300

3-1416

PS 620141100
1 November 1985

301

```

+-----+
|DRPDB|
+-----+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |DELASM1| |DELRBR1| |DELISS1| | (CONT) |
+-----273+ +-----333+ +-----334+ +-----+ +-----335+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```


PS 620141100
1 November 1985

302

```
      +-----+
      |DELDL3|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

303

```
      +-----+  
      |DELSTM3|  
      +-----+  
      |  
+-----+  
|         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

304

```

+-----+
|DRPFLD|
+---+---+
|
+-----+-----+-----+-----+-----+
|         |         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|(CONT)| |DELASM2| |DELRBR3| |DELSDF3| |(CONT)|
+---274+ +---336+ +---337+ +---+---+ +---338+
|
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+

```

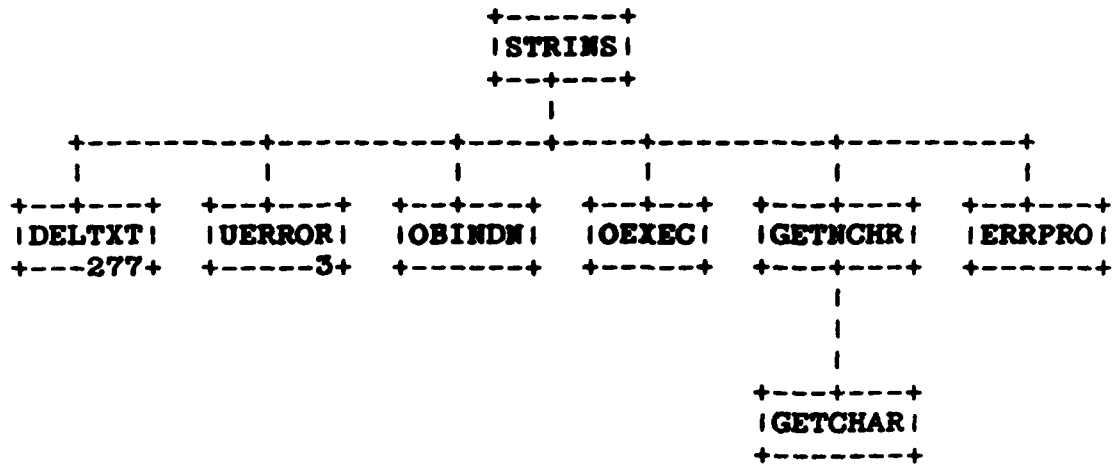
PS 620141100
1 November 1985

305

```
      +-----+  
      |DELRBR2|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

306



PS 620141100
1 November 1985

307

```
      +-----+
      |DELAUC|
      +-----+
      |
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+ +-----+
|DELIAUC| |SPRINTF| |UERROR| |ADDRNUM| |(CONT)|
+-----339+ +-----+ +-----3+ +-----355+ +-----340+
```

PS 620141100
1 November 1985

308

```
      +-----+  
      |DELACNM|  
      +-----+  
      |  
+-----+  
|      |      |      |      |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

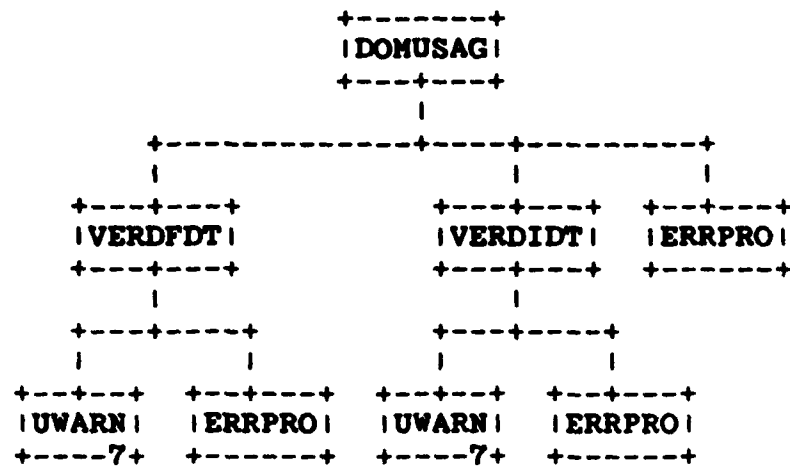
PS 620141100
1 November 1985

309

```
      +-----+  
      |DRPATT|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |ADDRNUM| |UERROR| |CPF NXT| |ERRPRO|  
+---280+ +---355+ +---3+ +---16+ +-----+
```


PS 620141100
1 November 1985

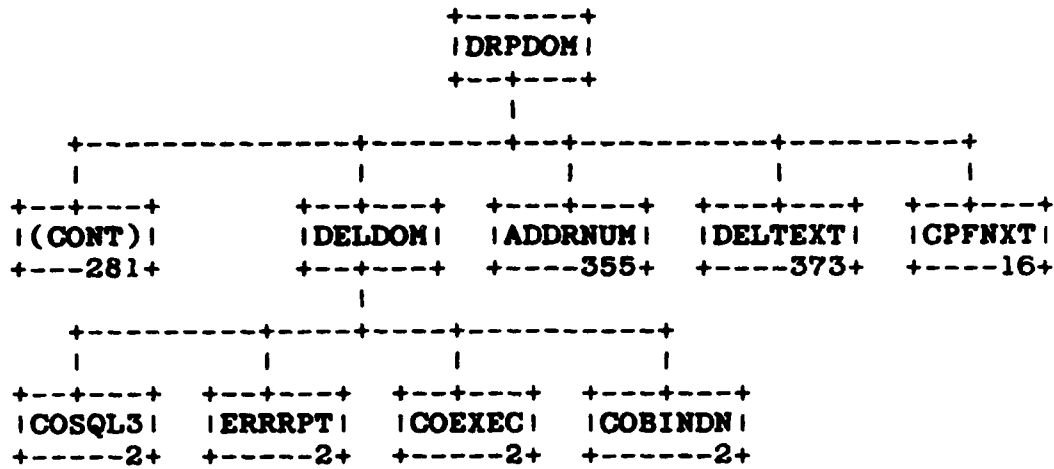
310



PS 620141100
1 November 1985

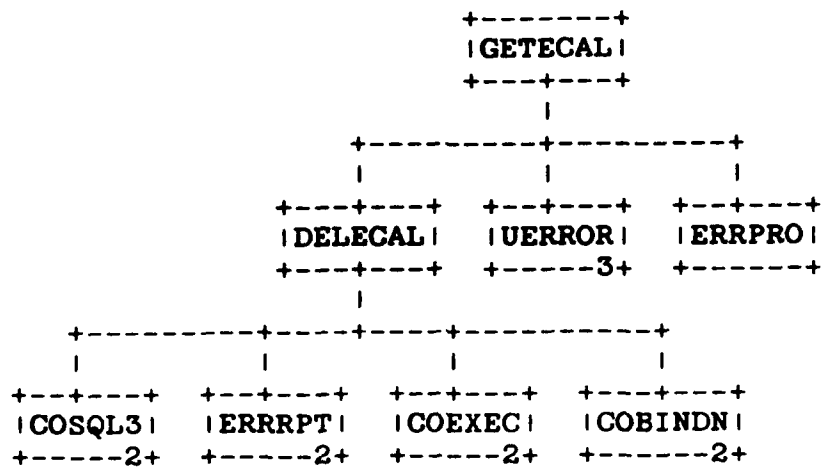
311

```
      +-----+  
      |DELDTNO|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|ADDRNUM| |DELTEXT| |UERROR| |ERRPRO|  
+-----355+ +-----373+ +-----3+ +-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+
```



PS 620141100
1 November 1985

313



PS 620141100
1 November 1985

314

```
      +-----+  
      |DELSECR|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

315

```

      +---+---+
      |DELDIV|
      +---+---+
          |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---+---+ +---+---+ +---+---+ +---+---+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+

```

PS 620141100
1 November 1985

316

```
      +-----+  
      |DELSEC|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |GOEXEC| |GOBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

317

```
      +-----+  
      |DRPVIEW|  
      +-----+  
      |  
+-----+-----+-----+  
|+-----+|+-----+|+-----+|+-----+|  
|(CONT)| |ADDRNUM| |DELTEXT| |CPFNXT|  
+---283+ +---355+ +---373+ +---16+
```


PS 620141100
1 November 1985

318

```
      +-----+  
      |DELKWAC|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+-----+-----+-----+  
|GOSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

319

```
      +-----+  
      |DELKVEC|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+-----+-----+-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

320

```

      +-----+
      |DRPKWC|
      +-----+
      |
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |DELKWC| |DELKW| |DELTEXT| |ADDRNUM| |CPFNXT|
+-----284+ +-----341+ +-----+ +-----373+ +-----355+ +-----16+
|
      +-----+-----+-----+-----+
      |         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```

PS 620141100
1 November 1985

321

```

+-----+
|DRPMAP|
+-----+
|
+-----+-----+-----+-----+
|               |               |               |               |
+-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DELCST| |VERRCST| |DELPDFT| |(CONT)|
+-----285+ +-----342+ +-----+ +-----343+ +-----344+
|
|
+-----+
|ERRPRO|
+-----+

```

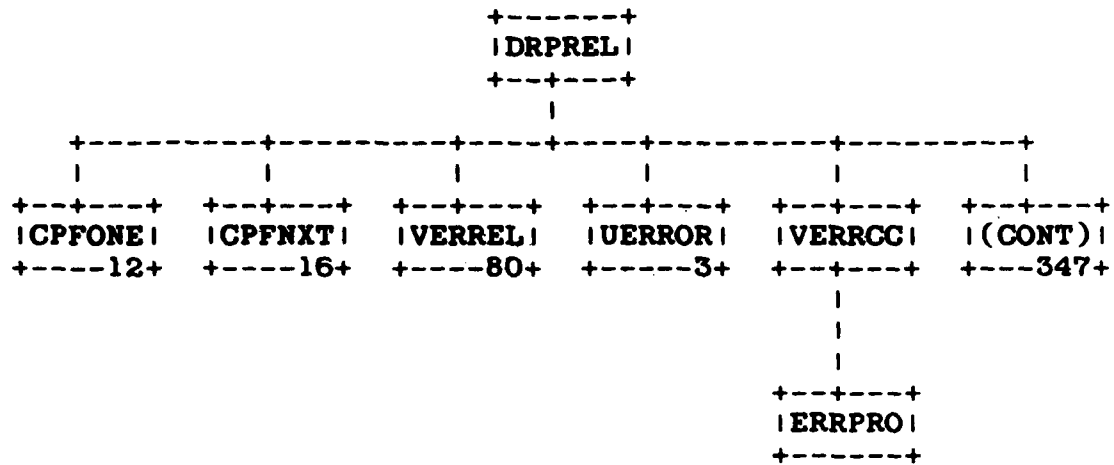
PS 620141100
1 November 1985

322

```
      +-----+  
      |DRPMOD|  
      +-----+  
      |  
+-----+  
|         |         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
| (CONT) | |FNDECH| |FNDACH| |ADDRNUM| |UWARN| |ERRPRO|  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|---286+ |---345+ |---346+ |---355+ |---7+  |-----+  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
```

PS 620141100
1 November 1985

323



PS 620141100
1 November 1985

324

```
      +-----+  
      |MRGMOD|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+-----+  
|         |         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|CPHONE| |CPFNXT| |EXCFLAG| |VERMOD| |UERROR| |(CONT)|  
+-----12+ +-----16+ +-----37+ +-----21+ +-----3+ +-----348+
```

PS 620141100
1 November 1985

325

```
      +-----+  
      |RENAME|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|CPHONE| |LOWUPP| |VERENT| |VERATT| |VERKW| |(CONT)|  
+---12+ +---12+ +---14+ +---13+ +---284+ +---349+
```


PS 620141100
1 November 1985

326

```
      +-----+
      |DRPRCE|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
|DELRC| |ADDRNUM| |DELTEXT| |DELRCKW| |ERRPRO|
+---347+ +---355+ +---373+ +---367+ +-----+
```

PS 620141100
1 November 1985

327

```

+-----+
|DRPENT|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DELECKW| |DELEC| |ADDRNUM| |DELTEXT| |CPF NXT|
+---289+ +---350+ +---+ +---355+ +---373+ +---16+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+

```

PS 620141100
1 November 1985

328

```
      +-----+
      |DELISS2|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

329

```
      +-----+
      |DELSDF2|
      +-----+
        |
      +-----+-----+-----+-----+
      |               |               |               |
+---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---+---2+ +---+---2+ +---+---2+ +---+---2+
```

PS 620141100
1 November 1985

330

```
      +-----+  
      |SELRSET|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|DELST2| |UERROR| |DELASH2| |DELSTM2| |(CONT)|  
+-----+ +-----+ +-----+ +-----+ +-----+  
|275| |3| |336| |241| |351|
```

PS 620141100
1 November 1985

331

```
      +-----+
      |SELSTM|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+
|DELRST2| |UERROR| |DELASM2| |DELSTM2| |(CONT)|
+-----+-----+-----+-----+
| 275+   | | 3+    | | 336+   | | 241+   | | 352+   |
```

PS 620141100
1 November 1985

332

```
      +-----+  
      |DEPREL|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+-----+  
|         |         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |ALLKEY| |STRNCPY| |GOEXEC| |GOBINDN| |CODFINN|  
+---295+ +---259+ +-----+ +-----2+ +-----2+ +---102+
```

PS 620141100
1 November 1985

333

```

+-----+
| DELASM1 |
+-----+
|
+-----+-----+-----+-----+
|               |               |               |
+-----+ +-----+ +-----+ +-----+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |
+-----+ +-----+ +-----+ +-----+
|               |               |               |
+-----+ +-----+ +-----+ +-----+

```


PS 620141100
1 November 1985

334

```
      +-----+  
      |DELRR1|  
      +-----+  
      |  
+-----+-----+-----+  
|      |      |      |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

335

```

+-----+
|DRPDB|
+-----+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |DELDBA1| |DELDSL1| |DELSDF1| | (CONT) |
+---301+ +---353+ +---354+ +---+ +---355+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+

```

PS 620141100
1 November 1985

336

```
      +-----+  
      | DELASM2 |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

337

```
      +-----+
      | DELRBR3 |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

338

```

      +-----+
      |DRPFLD|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |DELDFL3| |DELKRM3| |DELRKY2| |(CONT)|
+-----+ +-----+ +-----+ +-----+ +-----+
|  -304  | |  -356  | |  -357  | |  -358  |
+-----+ +-----+ +-----+ +-----+ +-----+
      |
      +-----+-----+-----+-----+
      |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----+ +-----+ +-----+ +-----+ +-----+
|  -2  | |  -2  | |  -2  | |  -2  |
+-----+ +-----+ +-----+ +-----+ +-----+

```

PS 620141100
1 November 1985

339

```
      +-----+
      | DELIAUC |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

340

```
      +-----+
      | DELAUC |
      +-----+
        |
    +-----+-----+-----+-----+
    |         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | | DELTEXT | | DELAUCL | | DELAUCK |
+---307+ +---373+ +---+---+ +---359+
        |
    +-----+-----+-----+-----+
    |         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

341

```
      +-----+  
      | DELKWRC |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```


AD-A181 705

INTEGRATED INFORMATION SUPPORT SYSTEM (IIS) VOLUME 5

5/5

COMMON DATA MODEL S. (U) GENERAL ELECTRIC CO

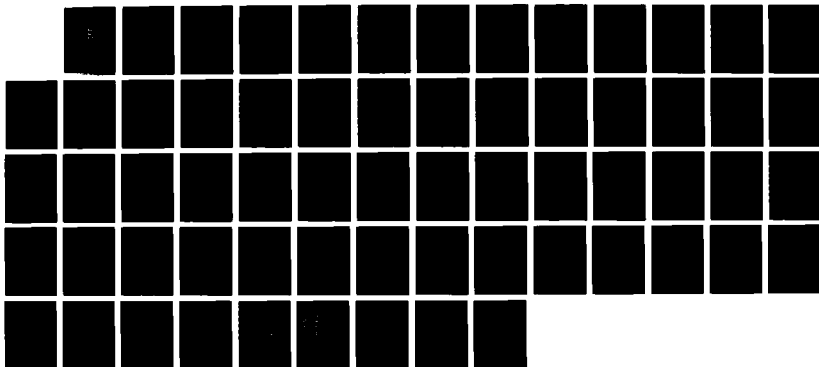
SCHENECTADY NY PRODUCTION RESOURCES CONSU..

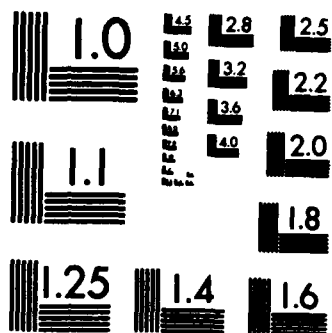
UNCLASSIFIED

S SINGH ET AL. 01 NOV 85 PS-620141100

F/G 12/5

NL





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

PS 620141100
1 November 1985

342

```
      +-----+
      | DELRCST |
      +-----+
        |
    +-----+-----+-----+-----+
    |         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
| COSQL3 | | ERRRPT | | GOEXEC | | COBINDN |
+-----2+ +-----2+ +-----2+ +-----2+
```

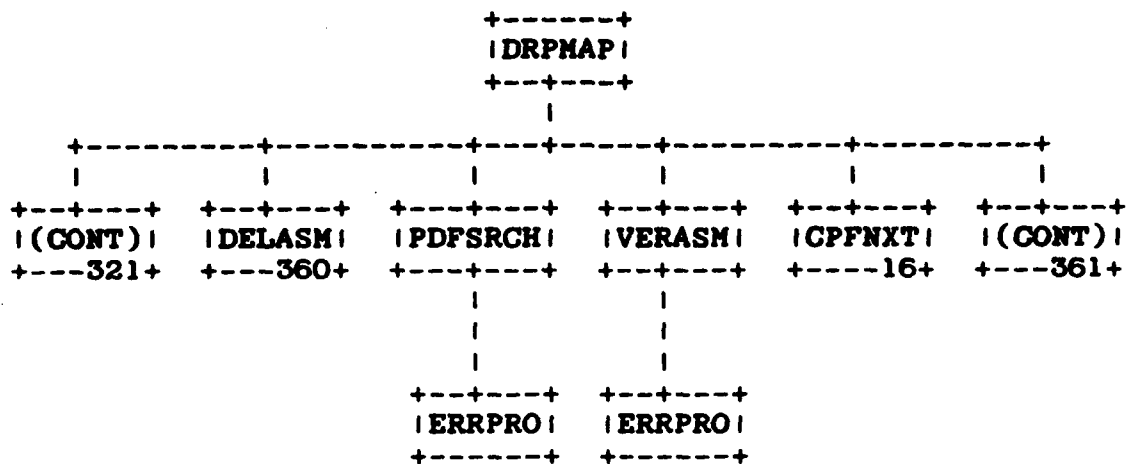
PS 620141100
1 November 1985

343

```
      +-----+  
      |DELPDFT|  
      +-----+  
      |  
+-----+  
|      |      |      |      |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

344



PS 620141100
1 November 1985

345

```
      +-----+  
      |FNDECM|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|DELOACE| |DELEC| |DELECKW| |DELTEXT| |(CONT)|  
+-----362+ +---327+ +-----350+ +-----373+ +---363+
```

PS 620141100
1 November 1985

346

```
      +-----+  
      |FNDACH|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|DELAC| |DELACKW| |DELTEXT| |DELACNM| |(CONT)|  
+---279+ +---280+ +---373+ +---308+ +---364+
```

347

```

+-----+
|DRPREL|
+-----+
|
+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DRPMGRC| |DELCPRC| |DELRC| |(CONT)|
+---323+ +---365+ +---366+ +---+ +---367+
|
+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+

```


PS 620141100
1 November 1985

348

```
      +-----+  
      |MRGMOD|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+-----+-----+-----+  
| (CONT) | |OPNFIL| |ADDPARM| |MRGMOD1| | (CONT) |  
+-----+-----+-----+-----+  
|---324+ |---58+ |---368+ |---369+
```

PS 620141100
1 November 1985

349

```

+-----+
|RENAME|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|
|
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |VERMOD| |VERDOM| |VERVIEW| |RCCHK| |(CONT)|
+---325+ +---21+ +---19+ +---133+ +---+ +---370+
|
|
+-----+-----+
|
|
+-----+ +-----+
|CPFNXT| |VERREL|
+---16+ +---80+

```

PS 620141100
1 November 1985

350

```

      +-----+
      |DELECKW|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```

PS 620141100
1 November 1985

351

```

+-----+
|SELRSET|
+-----+
|
+-----+-----+-----+-----+
|           |           |           |           |
+-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |DELRBR2| |DELTEXT| |ADDRNUM| |ERRPRO|
+-----330+ +-----305+ +-----373+ +-----355+ +-----+

```

PS 620141100
1 November 1985

352

```

+-----+
|SELSTM|
+---+---+
|
+-----+-----+-----+-----+
|
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |DELRBR2| |DELTEXT| |ADDRNUM| |ERRPRO|
+---331+ +---305+ +---373+ +---355+ +---+

```

353

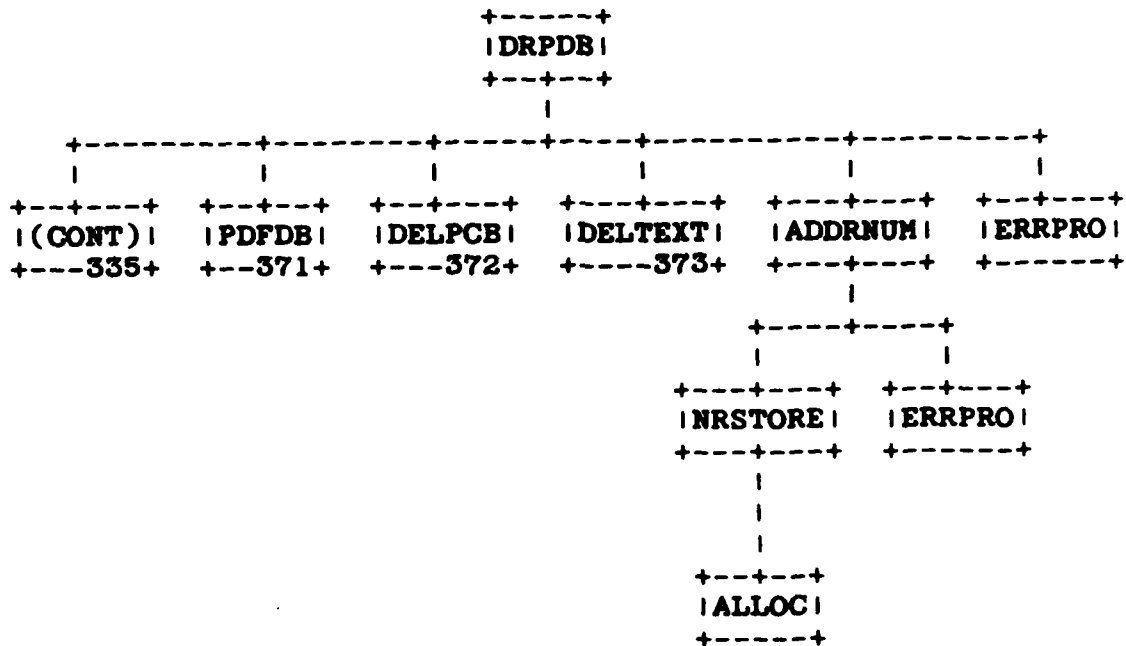
3-1469

354

3-1470

PS 620141100
1 November 1985

355



PS 620141100
1 November 1985

356

```
      +-----+  
      |DELDFL3|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+---+---+ +---+---+ +---+---+ +---+---+  
|COSQL3| |ERRRPT| |GOEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

357

```
      +-----+  
      | DELRKM3 |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |  
+-----2+ +-----2+ +-----2+ +-----2+
```

358

3-1474

PS 620141100
1 November 1985

359

```
      +-----+  
      |DELAUCK|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+-----+-----+-----+  
|DELCMT| |SPRINTF| |UERROR| |DELMIGK|  
+-----389+ +-----+ +-----3+ +-----40+
```

PS 620141100
1 November 1985

360

```
      +-----+  
      | DELASH |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|GOSQL3| |ERRRPT| |GOEXEC| |GOBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

361

```
      +-----+  
      |DRPHAP|  
      +-----+  
      |  
+-----+-----+  
|         |         |  
+-----+ +-----+ +-----+  
|(CONT)| |VERREL| |VERAUC|  
+---344+ +---80+ +---51+
```

362

3-1478

PS 620141100
1 November 1985

363

```

+-----+
|FNDECM|
+-----+
|
+-----+-----+-----+-----+
|
+-----+      +-----+      +-----+      +-----+      +-----+
| (CONT) |      |DLMDAUC|      |DELMDKC|      |DELMDRC|      | (CONT) |
+-----345+      +-----+      +-----374+      +-----375+      +-----376+
|
+-----+-----+-----+-----+
|
+-----+      +-----+      +-----+      +-----+
|DELAUC|      |SELECNM|      |UERROR|      |ERRPRO|
+-----307+      +-----147+      +-----3+      +-----+

```


PS 620141100
1 November 1985

364

```
      +-----+  
      | FNDACM |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
| (CONT) | | ADDRNUM | | SELACNM | | UERROR | | ERRPRO |  
+---346+ +---355+ +---+---+ +---3+ +---+---+  
      |  
      |  
      +---+---+  
      | ERRPRO |  
      +---+---+
```

PS 620141100
1 November 1985

365

```

+-----+
|DRPMGRC|
+-----+
|
+-----+-----+
|           |           |           |
+-----+ +-----+ +-----+
|DLMIGRC| |UERROR| |ERRPRO|
+-----+ +-----3+ +-----+
|
+-----+-----+-----+-----+
|           |           |           |           |
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COFETCH| |DELIAUC| |(CONT)|
+-----2+ +-----2+ +-----44+ +-----339+ +-----377+

```

PS 620141100
1 November 1985

366

```
      +-----+  
      | DELCPRC |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

367

```
      +-----+
      |DRPREL|
      +-----+
      |
      +-----+-----+-----+-----+
      |               |               |               |
      +-----+       +-----+       +-----+       +-----+
      |(CONT)|       |DEL RCKW|       |ADDRNUM|       |DELTEXT|
      +---347+       +-----+       +---355+       +---373+
      |               |
      +-----+-----+-----+-----+
      |               |               |               |
      +-----+       +-----+       +-----+       +-----+
      |COSQL3|       |ERRRPT|       |COEXEC|       |COBINDN|
      +---2+       +---2+       +---2+       +---2+
```

PS 620141100
1 November 1985

368

```
      +-----+  
      |MRGMOD1|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+-----+  
|         |         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|ALLATT| |ALLEN| |BLKCLST| |TOPNODE| |ALLREL| |ERRPRO|  
+---94+ +---157+ +---121+ +---158+ +---159+ +-----+
```

PS 620141100
1 November 1985

369

```

+-----+
|MRGMOD|
+-----+
|
+-----+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |BLKCLST| |MRGNODE| |MRGMOD2| |CLSFIL| |ERRPRO|
+-----348+ +-----121+ +-----+ +-----378+ +-----114+ +-----+
|
+-----+-----+-----+-----+
|
+-----+ +-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |SPRINTF| |UERROR| |(CONT)|
+-----2+ +-----2+ +-----+ +-----3+ +-----379+

```

PS 620141100
1 November 1985

370

```

+-----+
|RENAME|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |UERROR| |CPF NXT| |RCCHK1| |(CONT)|
+---349+ +---3+ +---16+ +---+ +---380+
|
+-----+
|         |
+-----+ +-----+
|CPF NXT| |VERREL|
+---16+ +---80+

```

PS 620141100
1 November 1985

371

```

+-----+
|PDFDB|
+---+---+
|
+-----+-----+-----+-----+
|           |           |           |           |
+---+---+   +---+---+   +---+---+   +---+---+
|DELPDFT|   |DEL1PDF|   |UERROR|   |ERRPRO|
+---343+   +---+---+   +---3+   +---+---+
|
+-----+-----+-----+-----+
|           |           |           |           |
+---+---+   +---+---+   +---+---+   +---+---+
|COSQL3|   |ERRRPT|   |COEXEC|   |COBINDN|
+---2+   +---2+   +---2+   +---2+

```


PS 620141100
1 November 1985

372

```
      +-----+  
      |DELPGB|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

373

```
      +-----+  
      |DELTEXT|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+-----+-----+-----+-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

374

```

+-----+
| DELMDKC |
+-----+
|
+-----+-----+-----+-----+
| | | | |
+-----+ +-----+ +-----+ +-----+ +-----+
| DELKCM | | DELCMPR | | DELIAUK | | DELKC | | (CONT) |
+-----66+ +-----67+ +-----+ +-----41+ +-----381+
|
+-----+-----+-----+-----+
| | | | |
+-----+ +-----+ +-----+ +-----+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |
+-----2+ +-----2+ +-----2+ +-----2+

```

PS 620141100
1 November 1985

375

```
      +-----+  
      | DELMDRC |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
| DELRC | | DELRCKW | | DELTEXT | | ADDRNUM | | (CONT) |  
+---347+ +---367+ +---373+ +---355+ +---382+
```

PS 620141100
1 November 1985

376

```
      +-----+  
      |FNDECM|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+  
|         |         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
| (CONT) | |DELECNM| |ADDRNUM| |SELECNM| |UERROR| |ERRPRO|  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+  
|---363+ |---289+ |---355+ |---147+ |---3+  |-----+  
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
```

PS 620141100
1 November 1985

377

```
      +-----+  
      |DLMIGRC|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+ +-----+  
|(CONT)| |SPRINTF| |UERROR| |ADDRNUM| |(CONT)|  
+---365+ +-----+ +---3+ +---355+ +---383+
```

PS 620141100
1 November 1985

378

```
      +-----+
      |MRGMOD2|
      +-----+
      |
+-----+-----+-----+-----+-----+
|      |      |      |      |      |      |
+-----+-----+-----+-----+-----+
|COSQL3| |ERRRPT| |SPRINTF| |UERROR| |BLRCKC| |(CONT)|
+-----2+ +-----2+ +-----+ +-----3+ +---192+ +---384+
```

PS 620141100
1 November 1985

379

```
      +-----+
      |MRGNODE|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |COFETCH| |SELECNM| |VERENT| | (CONT) |
+---369+ +---44+ +---147+ +---14+ +---385+
```


PS 620141100
1 November 1985

380

```

+-----+
|RENAME|
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |UPDECNM| |UPDACNM| |UPDRGNM| | (CONT) |
+-----370+ +-----386+ +-----387+ +-----388+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+

```

PS 620141100
1 November 1985

381

```
      +-----+  
      | DELMDKC |  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
| (CONT) | | ADDRNUM | | SELECNM | | UERROR | | ERRPRO |  
+---374+ +---355+ +---147+ +---3+ +-----+  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
```

PS 620141100
1 November 1985

382

```
      +-----+
      | DELMDRC |
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| (CONT) | | SELECNM | | UERROR | | ERRPRO |
+-----+ +-----+ +-----+ +-----+
| 375    | | 147    | | 3      | |      |
```

PS 620141100
1 November 1985

383

```
      +-----+  
      |DLMIGRC|  
      +-----+  
      |  
+-----+-----+-----+-----+-----+-----+  
|         |         |         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |DELKMT| |DELAUCL| |COEXEC| |CODFINN| |COBINDN|  
+---377+ +---389+ +---340+ +---2+ +---102+ +---2+
```

PS 620141100
1 November 1985

384

```
      +-----+
      |MRGMOD2|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+
| (CONT) | |COFETCH| |SELECNM| |VERRCNM| | (CONT) |
+---378+ +---44+ +---147+ +---147+ +---390+
```

PS 620141100
1 November 1985

385

```

+-----+
|MRGNODE|
+---+---+
|
+-----+
|         |         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |GENENT1| |GENALTE| |COEXEC| |COBINDN| |CODFINN|
+---379+ +---113+ +---148+ +---2+ +---2+ +---102+

```

PS 620141100
1 November 1985

386

```
      +-----+
      |UPDECNM|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

387

```
      +-----+
      |UPDACNM|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```


PS 620141100
1 November 1985

388

```

+-----+
|RENAME|
+-----+
|
+-----+
|          |          |          |          |
+-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |UPDTKW| |UPDMNAM| |UPDTDOM| |UPDVIEW|
+---380+ +---391+ +---392+ +---393+ +---394+
```

PS 620141100
1 November 1985

389

```

+-----+
| DELKMT |
+-----+
|
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
| COSQL3 | | ERRRPT | | COEXEC | | COBINDN |
+-----+ +-----+ +-----+ +-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+

```

PS 620141100
1 November 1985

390

```
      +-----+  
      |MRGMOD2|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|      |      |      |      |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |GENRME| |ADDPARM| |GENDESC| |(CONT)|  
+---384+ +---183+ +---58+ +---146+ +---395+
```

PS 620141100
1 November 1985

391

```
      +-----+
      |UPDTKW|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+-----+-----+-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

392

```
      +-----+  
      |UPDMNAM|  
      +-----+  
      |  
+-----+  
|         |         |         |         |  
+-----+ +-----+ +-----+ +-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

393

```
      +-----+
      |UPDTDOM|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

394

```

      +-----+
      |UPDVIEW|
      +-----+
        |
+-----+-----+-----+-----+
|         |         |         |         |
+-----+ +-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+-----+ +-----+ +-----+ +-----+

```

PS 620141100
1 November 1985

395

```

+-----+
|MRGMOD2|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|         |         |         |         |         |         |
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+
|(CONT)| |ALLKEY| |MIGREL| |CMBRKW| |VERENT| |(CONT)|
+---390+ +---259+ +---213+ +---183+ +---14+  +---396+

```


PS 620141100
1 November 1985

396

```
      +-----+  
      |MRGMOD2|  
      +-----+  
      |  
+-----+-----+-----+-----+  
|         |         |         |         |  
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+  
|(CONT)| |CKDUPEC| |GENENT1| |STRNCPY| |(CONT)|  
+---395+ +-----+ +---113+ +-----+ +---397+
```

PS 620141100
1 November 1985

397

```
      +-----+
      |MRGMOD2|
      +-----+
      |
+-----+-----+-----+-----+
|         |         |         |         |
+---+---+ +---+---+ +---+---+ +---+---+
| (CONT) | |COEXEC| |GOBINDN| |CODFINN|
+---396+ +---2+ +---2+ +---102+
```

ADDATT.....42	BLECLST.....190	COPENT.....62
ADDDT.....73	BLKCL1.....112	COPYAC.....156
ADDEC.....112	BLKCLST.....121	COROL.....5
ADDECNM.....190	BLOOPCK.....109	COSQL3.....2
ADDFRM	BLRCKC.....192	CPFCOR.....211
ADDKC.....43	BLRCKC1.....256	CPFNXT.....16
ADDKCLS.....112	BLSECRC.....227	CPFONE.....12
ADDKG.....112	BLVWLST.....167	CPFVAL
ADDKM.....101	BRANCHR.....9	CPYDES.....61
ADDKW.....18	CDP4A.....196	CPYMOD.....63
ADDKWA.....46	CERELS.....119	CRTALI.....96
ADDKWE.....47	CESTRUC.....153	CRTATT.....95
ADDKWR.....32	CHGDOM.....17	CRTDOM.....97
ADDMAP.....79	CHGLOBL	CRTENT.....98
ADDMIG.....81	CHKATT.....36	CRTMAP.....130
ADDNCORR.....27	CHKAUCV.....136	CRTMOD.....131
ADDNSTD.....73	CHKCARD.....194	CRTREL.....132
ADDOAC.....42	CHKDOMS.....261	CRTVIEW.....133
ADDPARM.....58	CHKINH	DEFAREA.....200
ADDRCEC.....223	CHKKEYS.....57	DEFCDL.....232
ADDRNUM.....355	CHKLOOP.....54	DEFDB.....168
ADDSTD.....103	CHKMOD.....36	DEFFLD.....235
ADDTXT.....146	CHKOWN.....259	DEFIMS.....231
ADD CORR.....15	CHKREL.....56	DEFIMSS.....234
ADD TO CNT.....15	CKDUPEC	DEFKEY.....236
ADD TO LST.....26	CKRNLS	DEFORCL.....229
ADPARI.....113	CLSFIL.....114	DEFREC.....169
AKCROW.....112	CMBACAL.....144	DEFSET.....134
ALLATT.....94	CMBALI.....113	DEFTOT.....230
ALLENT.....157	CMBEKW.....145	DEL1PDF.....371
ALLKEY.....259	CMBENT.....37	DELAC.....279
ALLOC	CMBOA.....144	DELACAL.....282
ALLREL.....159	CMBRKW.....183	DELACKW.....280
ALLVIEW.....225	CMPMOD.....38	DELACNM.....308
ALALI.....12	COBINDN.....2	DELASM.....360
ALTATT.....13	COCLOSE.....4	DELASM1.....333
ALTCARD.....52	COCOF.....8	DELASM2.....336
ALTDOM.....19	COCOM.....10	DELAUC.....307
ALTDI.....48	CODFINN.....102	DELAUCK.....359
ALTENT.....14	COERMSG.....2	DELAUCL.....340
ALTMAP.....20	COEXEC.....2	DELCMPR.....67
ALTMOD.....21	COFETCH.....44	DELCPRC.....366
ALTREL.....35	COLOGOF.....4	DELDAAl.....239
ALTSMAP.....49	COLON.....6	DELDAAl.....249
ATTKW.....88	COMMIT.....10	DELDBAl.....353
BLDATT.....123	COOPEN.....6	DELDBDF.....271
BLDATT1.....189	COPATT.....60	DELDBRT.....238

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DELDBS1.....237	DELRCS1.....342	DRPMIG.....82
DELDBST.....272	DELREUS.....161	DRPMOD.....286
DELDFL1.....2	DELKRM1.....273	DRPRCE.....326
DELDFL2.....250	DELKRM2.....251	DRPREC.....171
DELDFL3.....356	DELKRM3.....357	DRPREL.....323
DELDIV.....315	DELKRY1.....300	DRPSET.....204
DELDOM.....312	DELKRY2.....338	DRPSMAP.....50
DELDSL1.....354	DELKRY3.....275	DRPVIEW.....247
DELDSL2.....293	DELKRY4.....274	DTUSAGE.....74
DELDSL3.....302	DELKRY5.....208	ENTKW.....87
DELDT.....104	DELSDF1.....335	ERRPRO
DELDTD.....281	DELSDF2.....329	ERRRPT.....2
DELDTNO.....311	DELSDF3.....304	EXCFLAG.....37
DELEC.....327	DELSEC.....316	EXIT
DELECAL.....313	DELSECR.....314	EXPRCLT
DELECKW.....350	DELSN1.....202	EXPRTL.....226
DELECNM.....289	DELSTM1.....299	FCLOSE
DELIASM.....176	DELSTM2.....241	FCOPATT.....116
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3.11 Program Listings Comments

This information is contained in the Module Descriptions in section 3.10.

SECTION 4

QUALITY ASSURANCE PROVISIONS

4.1 Introduction and Definitions

"Testing" is a systematic process that may be preplanned and explicitly stated. Test techniques and procedures may be defined in advance, and a sequence of test steps may be specified. "Debugging" is the process of isolation and correction of the cause of an error.

"Antibugging" is defined as the philosophy of writing programs in such a way as to make bugs less likely to occur and when they do occur, to make them more noticeable to the programmer and the user. In other words, as much error checking as is practical and possible in each routine should be performed.

4.2 Computer Programming Test and Evaluation

The quality assurance provisions for test consists of the normal testing techniques that are accomplished during the construction process. They consist of design and code walk-throughs, unit testing, and integration testing. These tests are performed by the design team. Structured design, design walk-through and the incorporation of "antibugging" facilitate this testing by exposing and addressing problem areas before they become coded "bugs."

END

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