# AD-A256 835



## NAVAL POSTGRADUATE SCHOOL Monterey, California





#### **THESIS**

DESIGN AND IMPLEMENTATION OF A PATIENT TRACKING AND RECALL SYSTEM FOR BRANCH DENTAL CLINIC MONTEREY

by

Timothy P. Steele

March 1992

Thesis Advisor:

Hemant K. Bhargava

Approved for public release; distribution is unlimited.

92-29052 257450 121770

9	\$ F	c	L	ı	ľ	Т	Y	C	L	Δ	5	ì	F	C	Α	T	O	۸	10	3	F	T	н	ıs	P	Α	G	Ε

		REPORT	DOCUMENTATIO	ON PAGE					
1a. REPORT UNCLASSI	SECURITY CLASS	FICATION	·	16 RESTRICTIVE MARKINGS					
2a. SECURIT	Y CLASSIFICATIO	N AUTHORITY	<del>*************************************</del>	3. DISTRIBUTION/AVAILABILITY OF REPORT					
2b. DECLAS	SIFICATION/DOW	NGRADING SCHEDL	JLE	Approved for pub	lic release; distribu	ition is w	nlimite	rd.	
4. PERFORM	IING ORGANIZAT	ION REPORT NUMBI	ER(S)	5 MONITORING O	RGANIZATION REP	ORT NU	MBER(S	5)	
	OF PERFORMING ( graduate School	DRGANIZATION	6b. OFFICE SYMBOL (If applicable) Cude 37	7a. NAME OF MOI Naval Postgradus	NITORING ORGANI LEE School	ZATION			
6c. ADDRES	S (City, State, and	d ZIP Code)		7b. ADDRESS (City	, State, and ZIP Co	de)			
Monterey,	CA 93943-5000			Monterey, CA 93	943-5000				
8a NAME O ORGANIZA	OF FUNDING/SPO	NSORING	8b. OFFICE SYMBOL (If applicable)	9. PROCUREMENT	INSTRUMENT IDEI	NTIFICAT	ION N	IMBER	
ec ADDRES	S (City, State, and	d 718 Code)	<u>.l.,</u> .,	10 SOURCE OF FU	INDING NUMBERS				
OC. ADDICE.	is (City, state, ark	i code		Program Element No.	Project No.	Fask (	No.	Work Finit Accession Number	
	AL AUTHOR(S) S	Steele, Timothy P.  13b. TIME C	OVERED	14 DATE OF REPOR			PAGE	COUNT	
16. SUPPLE	MENTARY NOTA	TION	e author and do not refle	<u> </u>	or position of the De	epartme			
17 COSATI			18. SUBJECT TERMS (d	ontinue on reverse i	necessary and ide	ntify by l	block n	umber)	
FIELD	GROUP	SUBGROUP	Information System A Relational Database						
This thes the clinic's relational d accuracy, a	is analyses the in patient tracking : latabase manage nd includes curre	formation system re and recall process. I ment system that pr ntly lacking securit	and identify by block numerous of Branch E The application replaces rovides greater functions y features and administrations of the second sec	Pental Clinic, Monter an existing mainfrai tity, enables increas rative functions.	ne-based, single-fi ed productivity, in	le system	n with a	PC-based,	
_		LITY OF ABSTRACT			URITY CLASSIFICA	TION			
) <del></del>	SIFIED/UNLIMITED	SAME AS HEPORT	LITIC (ISERS	UNCLASSIFIED	to alordo A	<del></del>	7	. cerure a second	
Hemant K.	OF RESPONSIBLE Bhargava	INDIVIDUAL		1				c Office Symbol. de AS/BH	

DD FORM 1473, 84 MAR

83 APR edition may be used until exhausted All other editions are obsolete SECURITY CLASSIFICATION OF THIS PAGE UNCLASSIFIED

#### Approved for public release: distribution is unlimited

### Design and Implementation of a Patient Tracking and Recall System for Branch Dental Clinic Monterey

by

Timothy P. Steele
Lieutenant Commander, United States Navy
B.A., University of Washington, 1979

Submitted in partial fulfillment of the requirements for the degree of

#### MASTER OF SCIENCE IN INFORMATION SYSTEMS

from the

NAVAL POSTGRADUATE SCHOOL March 1992

Author:	Twoths T. Stub
	Timothy P. Steele
Approved by:	HKBhargar.
,	Hemant K. Bhargava, Thesis Advisor
	Jan Zurch
	Dani/Zweig, Second Reader
	4-9
	David R. Whipple, Chairman
	Department of Administrative Sciences

#### **ABSTRACT**

This thesis analyzes the information system requirements of Branch Dental Clinic, Monterey, and develops a computer application to automate the clinic's patient tracking and recall process. The application replaces an existing mainframe-based, single-file system with a PC-based, relational database management system that provides greater functionality, enables increased productivity, improves data integrity and accuracy, and includes currently lacking security features and administrative functions.

Accesio	on For						
NTIS DTIC	CRA&I	A.					
Unann	ounced	<u>.</u>					
Justino	Justification						
By Distrib	By						
Α	Availability Codes						
Dist	Avail and Specia						
A-1	-						

DTIC QUALITY INSPECTED 4

#### TABLE OF CONTENTS

I.	INTRO	DUCTION AND PRELIMINARY INVESTIGATION	1
	A.	BACKGROUND	1
	В.	PROBLEM DEFINITION	3
	C.	SCOPE	5
	D.	EVALUATION OF ALTERNATIVE SOLUTIONS	6
		1. Cost Feasibility	6
		2. Technical Feasibility	7
		3. Schedule Feasibility	8
П.	REQU	JIREMENTS ANALYSIS	9
	A.	DATA REQUIREMENTS	9
		1. Object Development	9
		2. Domain Definition	11
	B.	APPLICATION REQUIREMENTS	11
		1. Processes	11
		2. Operational and Administrative Requirements	13
		3. Environmental Requirements	14
Ш	. SYS7	TEM DESIGN	15
	A.	LOGICAL DATABASE DESIGN	15
		1 Object to Relation Transformations	15

2. Relation Descriptions	16
B. APPLICATION DESIGN	17
IV. SYSTEM IMPLEMENTATION	21
V. SUMMARY AND RECOMMENDATIONS	22
A. SUMMARY	22
B. RECOMMENDATIONS	22
LIST OF REFERENCES	24
APPENDIX A: OBJECT SPECIFICATIONS	25
APPENDIX B: UPDATE, DISPLAY, AND CONTROL MECHANISMS	28
APPENDIX C: USER'S MANUAL	34
APPENDIX D: RELATION DEFINITIONS	35
APPENDIX E: PROGRAM CODE	36
INITIAL DISTRIBUTION LIST	37

.

.

#### **ACKNOWLEDGEMENT**

Special acknowledgement must be given to my wife, Anne, for her support and forbearance as I spent long hours at the computer, seemingly oblivious to the meaning of life, working on this thesis. I am truly in her debt.

#### I. INTRODUCTION AND PRELIMINARY INVESTIGATION

This thesis designs, documents, and implements a computer application to perform dental patient tracking and recall functions for the Branch Dental Clinic, Monterey (BDCM). Information that was collected during a preliminary investigation of the information system requirements of BDCM is presented in this chapter. Specifically, the relevant background of BDCM and the information system problems that led to the conduct of the thesis are presented, the scope of the project is defined, and three alternative solutions are evaluated.

#### A. BACKGROUND

BDCM provides regular dental care and emergency dental treatment to all active duty military staff and students stationed both at the Naval Postgraduate School (NPS) and the various NPS tenant commands. Dental appointments are regularly scheduled based on a four-class rating system (1 to 4, in order of increasing priority) indicating the member's need for treatment. Emergency care is provided whenever required.

Interviews with the BDCM Director and staff identified four major information-oriented activities within the clinic: (1) appointment scheduling, (2) inventory management, (3) maintenance of a Dental Information and Retrieval System (DIRS) as prescribed by higher authority, and (4) patient tracking and recalls. With regard to appointment scheduling and inventory management activities, BDCM satisfaction with

current manual methods was found to be high. Moreover, the clinic Director felt strongly that attempts to computerize these two functions, given the relatively low volume of activity, would not increase efficiency or effectiveness. Hence, these two business functions were dropped from further investigation.

The DIRS system operates on a personal computer (PC) and consists of proprietary software provided by the Navy Regional Dental Center (NRDC) for use at all subordinate branch clinics. Since NRDC mandates that branch clinics use DIRS to collect and report detailed data on all dental care provided, further analysis of this activity was unnecessary.

Patient tracking and recall functions at BDCM are partially automated by a mainframe-based, single-user, single-file database management system. It is this system and the requirements of the patient tracking and recall process that the remainder of this thesis addresses.

The mainframe-based database application allows data entry and updating, tracks members' dental health status (class), generates recall notices, prints sorted member rosters, and provides operational readiness summary statistics. When members check their records into the clinic a dentist's review of their dental records results in a class rating being assigned. A class rating of "1" indicates no need for dental treatment beyond a mandatory annual examination (a T2-exam). A class rating of "2" or "3" indicates a need for additional treatment. A class rating of "4" indicates the member is past due for an annual exam (it is assigned regardless of dental health). Just prior to a member's T2-exam anniversary, he/she is notified by memorandum to make an

appointment for an annual exam using an automated patient recall system. Computer generated recall letters are routed to student mail center (SMC) mailboxes or staff offices as appropriate.

#### B. PROBLEM DEFINITION

The existing application for patient recalls was written several years ago for use on the NPS mainframe computer. When the system was installed it provided significant benefits over the previous labor and time intensive manual recall process. However, the system was crude in its interface, limited in functionality, and difficult to use. Moreover, due to turnover of personnel since its installation, none of the current staff are familiar with the history of the system; no documentation can be found; and no system maintenance is available.

Interviews with end-users revealed five general problem areas with the mainframe-based system: poor access and responsiveness, unfriendly user-interface, inadequate data validation checks, absence of documentation, and incomplete functionality. Examples of specific problems highlighted by end-users in each of these general areas are presented below.

Limited mainframe access and poor responsiveness have been longstanding limitations. BDCM access to the mainframe is via communications software and 1200 baud modem from the clinic PC. By today's standards, this data transfer rate is slow. The system frequently responds slowly during working hours due to both the high number of users and resource-intensive computing tasks. Heavy use of the mainframe

by modem users combined with the limited number of modem receiving lines (16 at the time of this investigation) results in the frequent inability to access the system as needed. This necessitates periodic off-hour work by BDCM staff and delays response to telephone queries from NRDC regarding operational readiness.

Unfriendliness of the user-interface is a significant problem, particularly for new users. In most instances the user is presented with only a blank screen and a prompt, which specifies which application module is active (e.g., main, add, edit, delete, print). A rudimentary help function, when invoked, provides a list of options for the active module. Hence, unless all commands are memorized, the user must continuously invoke the help function to navigate and use the system. Data entry itself is facilitated somewhat by a field list from which the user selects a field to enter or edit, but it remains a cumbersome process. The user must select a field from the list, enter the data, and select another field from the list rather than simply automatically moving from one field to the next. Additionally, during record appending the field listing scrolls up and off the screen, leaving no hint of the remaining fields that require additional data entry.

The inadequacy of field validation checks in the mainframe application has allowed a cumulative deterioration in the accuracy and completeness of records in the database. For example, numbers are improperly allowed in various name fields. Moreover, since member records are indexed by name rather than Social Security Number (SSN), two people with the same name are prohibited from being entered properly into the database. In such instances, the user must deliberately attempt to circumvent or "trick" the system by, for example, putting in a middle initial for one member but not the other. Related

to this, the system saves a new record whenever data is entered into the name field, regardless of content and regardless of whether the record has any other fields completed. Over time the database has accumulated much erroneous data and many incomplete records. Cleaning the database has been problematic since records cannot be located and edited or deleted unless an exact name match is entered.

The lack of system documentation has forced end-users to learn the system by experimentation. The total functionality of the system is not immediately obvious and can remain undiscovered and unutilized. Moreover, the logic underlying critical processes, such as the triggering of recall notices or updating dental class status remains unspecified. The lack of documentation has also precluded improving the functionality of the system and implementing fixes. For example, necessary follow-up form letters that are not included in the present system must be externally word-processed for each individual. Additionally, hard-coding of the signature name on recall letters has resulted in a long since-transferred Director's name appearing on the recalls sent to members.

#### C. SCOPE

The scope of this thesis is limited to the patient tracking and recall process. As noted previously, there are other business functions within the clinic, yet the patient tracking and recall process is the only information-intensive business function left up to local implementation that remains problematic.

#### D. EVALUATION OF ALTERNATIVE SOLUTIONS

Given that the problems with the existing patient tracking and recall system were deemed significant enough to warrant remediation, three alternative solutions were evaluated. The first alternative involved improving both the hardware and software associated with the mainframe-based system: replacing the modem connection with an on-line terminal, rewriting the software for increased functionality and ease of use, and documenting the system. The second and third alternatives involved designing and implementing a PC-based database management system to replace the existing mainframe application, the difference being whether a multi-user versus a single-user configuration should be developed. Multi-user capability was considered a "nice-to-have" feature that might be useful sometime in the future, yet it was clearly not a requirement for satisfactory performance of patient tracking and recall functions. Should a PC-based solution be selected, NRDC stipulated that it must be a compiled application that would not be subject to potential modification by inexperienced clinic staff.

#### 1. Cost Feasibility

At the outset, NRDC made it clear that no funds were available to support improving the existing patient tracking and recall system. This limitation alone ruled-out upgrading the mainframe-based system—the cost of terminal acquisition and connection was prohibitive. Moreover, additional funds would be required to pay a technical expert to rewrite and document the mainframe software. Similarly, to exploit multi-user capability in a PC-based system would require additional funding to purchase required hardware. Hence, these two alternatives were eliminated from further consideration.

Designing and implementing a single-user, PC-based database management system was attractive from a cost standpoint. The development cost of such a system would be limited to the personal time and effort of the author. Further, appropriate development hardware (an IBM-compatible 80386 computer) and software (Foxpro 2.0 and Foxpro 2.0 Distribution Kit, a dBase-compatible development system with compiler) was already owned by the author. In addition, BDCM would not be required to purchase any additional hardware; their existing computer equipment could be used to evaluate prototypes and to install the final working system. BDCM staff were enthusiastic and committed to assisting with the development process.

#### 2. Technical Feasibility

BDCM owned a Zenith 286 PC and peripherals that were compatible with the foreseeable processor, memory, storage, and video requirements of a new PC-based application. Moreover, Foxpro 2.0 can create applications able to run on any IBM-compatible PC with a minimum of 512K of random access memory (RAM) [Ref. 1]. Preliminary tests of routine database operations (browse, index, sort) with a test database approximately the same size as that of the existing mainframe data file (2000 records with 15 fields per record) using Foxpro 2.0 were successful on the BDCM PC and demonstrated acceptable speed of operations with only 512K of RAM.

Future maintenance of the application would not be provided by the author. Discussion of this issue with both NRDC and BDCM indicated that this was acceptable to them. It was agreed that the application should run on any minimally configured IBM-compatible computer to enable portability and that support for a standard dot-matrix

printer should be provided. Program code and documentation would be included with the delivered application to support future maintenance. (NRDC and BDCM acknowledged that any future maintenance would require purchase of Foxpro 2.0 and the Foxpro 2.0 Distribution Kit. Intermediate-level dBase or Foxpro programming skills would also be required.)

#### 3. Schedule Feasibility

Based on the findings of the preliminary investigation, with detailed system analysis to begin 15 August, 1991, implementation of a fully operational PC-based system was scheduled for completion by 1 February, 1992. This left two months for correction of unforseen problems before departure of the author.

#### II. REQUIREMENTS ANALYSIS

This chapter discusses the requirements phase of project development. The purpose of this phase of development was twofold: (1) during this phase the specific data requirements (objects) that must be represented in the database were defined and (2) the application or functional requirements which support the database were outlined.

#### A. DATA REQUIREMENTS

Initially, interviews were conducted with the BDCM Director and the dental staff responsible for hands-on use of the existing database. These interviews provided a general idea of the scope and objectives for an upgraded patient tracking and recall system. Working backwards from the existing application's outputs, preliminary object specifications and views were then developed and presented to the dental staff for feedback. Further discussions led to adjustments of the object specifications that satisfactorily met the clinic's needs.

#### 1. Object Development

Important entities identified in the patient tracking and recall process are represented as the objects MEMBER, ACTIVITY, and CURRICULUM shown in Figure 1 below. Each of the objects possesses a collection of named properties. The properties listed within each diagram that are capitalized and within small boxes are themselves objects. The subscript "MV" denotes that the property is multi-valued. The MEMBER

object represents patients who have "checked-in" with the clinic upon arrival to NPS or an NPS tenant command. As can be seen in Figure 1, the ACTIVITY and CURRICU-LUM objects are properties of the MEMBER object. They associate each member with the properties of a specific activity and/or curriculum.

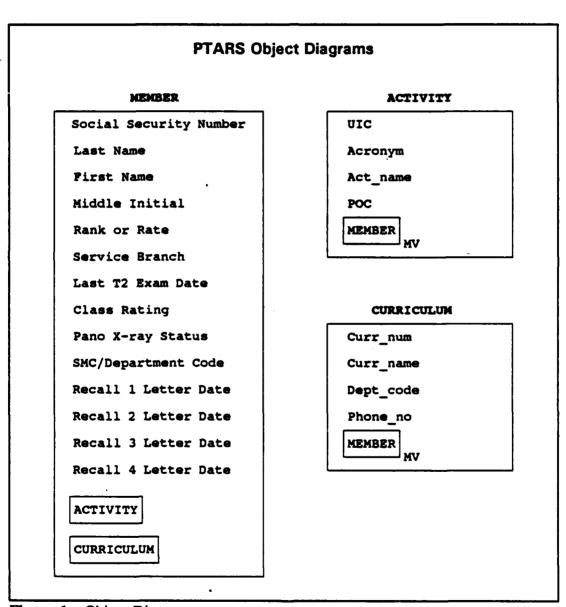


Figure 1. Object Diagrams

The ACTIVITY object represents each of the various commands served by BDCM. Note that the multi-valued MEMBER object is also a property of the ACTIVITY object. That is, a specific ACTIVITY can have multiple members.

The CURRICULUM object represents each of the many different curriculums offered at NPS. The MEMBER object is a multi-valued property of the CURRICULUM object; many students can belong to any given curriculum.

#### 2. Domain Definition

The object diagrams were used to summarize knowledge of the objects and to present it to the users in an unambiguous fashion. Following user validation of the object representations, domain definitions were established. The domain of a property is the set of all possible values a property can have. Each domain definition contains a physical description of the type of data (e.g., numeric versus character) and any value constraints. Each definition also describes the function or purpose of the property. Refer to Appendix A for detailed object specifications, including object and domain definitions.

#### **B.** APPLICATION REQUIREMENTS

#### 1. Processes

Building upon the data requirements discussed in the previous section, major processes within the patient tracking and recall process were identified through discussions with BDCM end-users. A level-1 data flow diagram (DFD), shown in Figure

2 below, was developed as a basis for validating analyst understanding of the processes with end-users.

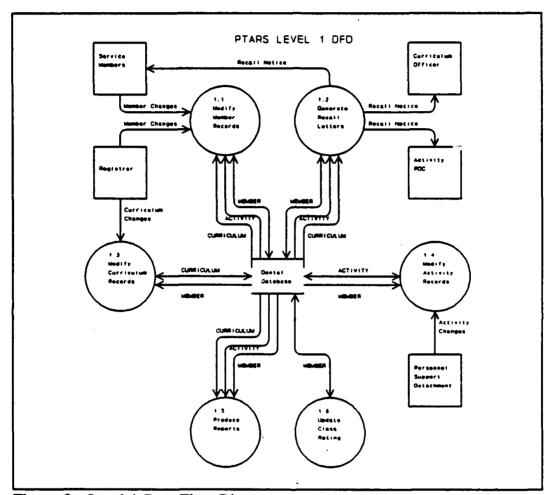


Figure 2. Level 1 Data Flow Diagram

Entities external to the system are shown in Figure 2 as square boxes and include Service Member, Registrar, Personnel Support Detachment (PSD), Curriculum Officer, and Activity Point of Contact. These entities are sources of data and/or recipients of system outputs (as indicated by the direction of the data flow arrows). The

numbered processes (denoted within the circles) summarize the operations involved in the overall patient tracking and recall process. Processes 1.1, 1.3, and 1.4 comprise the append, edit, and delete operations for the objects, MEMBER, CURRICULUM, and ACTIVITY. Process 1.2 involves the operations associated with generating and printing recall letters. An Operational Readiness report and various sorted rosters are produced in process 1.5. Member dental class is automatically updated to class 4 in process 1.6 for those individuals who have not had an annual examination within 12 months.

Following validation of the information presented by the level-1 DFD, a summary of system update, display, and control mechanisms was developed based on structured interviews with end-users. (See Appendix B.) During this process, information pertaining to each object was obtained that included inputs, outputs, processing notes, volume, and frequency. This information clarified what must be done within each object view.

Prototypes of forms, reports, recall letters, and menus were developed using Foxpro "power tools" (i.e., the Screen Builder and the Report Writer). These early prototypes clarified the expectations of end-users regarding the format of the user-interface and the display of information.

#### 2. Operational and Administrative Requirements

System operational and administrative requirements were identified through discussions with BDCM staff. Operational requirements for the system are listed below:

 Single-user, PC-based application, operable on an "as needed" basis by the BDCM Administrative Petty Officer and/or the BDCM Receptionist

- Portable/re-installable to different, compatible PC
- Extensive "Help" available on-line
- Database backup/restore utilities
- System date and time change utilities
- System-access password protection; password change capability
- Database packing capability

Although it was agreed that program maintenance would not be possible with the compiled application, Foxpro 2.0 program code would be given to BDCM. Hence, should maintenance become critical at some point, modification of the application would be possible with the purchase of Foxpro 2.0 and the Foxpro 2.0 Distribution Kit. A User's Manual (see Appendix C) would be supplied to provide structured guidance for system use, data security and integrity, database backups and restorations, and system optimization.

#### 3. Environmental Requirements

In an efficient system much of the member, activity, and curriculum data should be provided from a master database, shared with the Registrar and PSD. However, this is currently not possible since the data structure and hardware are not compatible. Until such time as the various NPS support entities/ADP-systems can communicate directly, it is incumbent upon the BDCM staff to take the initiative to obtain updated, hard-copy rosters from these two data sources as they become available.

#### III. SYSTEM DESIGN

In this chapter the two components of system design, logical database design and application design, are discussed. The objective of the design phase was to produce both the logical and physical details of the database and its application. Designing the logical database involved developing a "blueprint" of the database structure. From this blueprint a physical database was designed and the application was developed.

#### A. LOGICAL DATABASE DESIGN

#### 1. Object to Relation Transformations

The design of the logical database was based on the relational database model [Ref. 2]. The objects MEMBER, ACTIVITY, and CURRICULUM, were transformed into a relational diagram. Figure 3, the relational diagram, shows the three relations that resulted: (1) the compound MEMBER object was transformed into the three relations MEMBER, ACTIVITY, and CURRICULUM; (2) the compound ACTIVITY object was transformed into the two relations MEMBER and ACTIVITY; and (3) the compound CURRICULUM object was transformed into the two relations MEMBER and CURRICULUM.

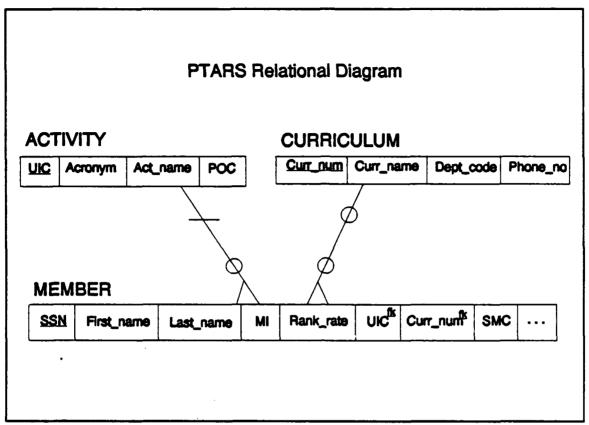


Figure 3. Relational Diagram

#### 2. Relation Descriptions

Each of the three relations are reflections of the original objects with appropriate foreign keys included. Key data are denoted in Figure 3 by underlining. Foreign keys are denoted with the underlined superscript, fs. Summary descriptions of each of the relations are presented below. (Refer to Appendix D for detailed relation definitions.)

#### **MEMBER**

Number of attributes: 15

· Key attributes:

Social-Security-Number (SSN)

Foreign keys: Unit-Identification-Code (UIC)

Curriculum-Number

Relationships: ACTIVITY to MEMBER; 1:N; Mandatory:Optional

CURRICULUM to MEMBER; 1:N; Optional:Optional

**ACTIVITY** 

Number of attributes: 4

Key attributes:

UIC None

Foreign keys: Relationships:

ACTIVITY to MEMBER; 1:N; Mandatory:Optional

CURRICULUM

Number of attributes: 4

Key attributes:

Curriculum-Number

Foreign keys:

None

Relationships:

CURRICULUM to MEMBER; 1:N; Mandatory:Op-

tional

#### B. APPLICATION DESIGN

The application is the interface between the user and the database. It contains various control mechanisms to prevent direct access to the database and to maintain the integrity of the database. A menu hierarchy was used to aid and control user interaction with the system. The menu-driven approach was employed because it enables inexperienced end-users to access and use the full functionality of a system faster than with a command-driven system. The menu hierarchy depicted in Figure 4 was derived from user requirements. The Append, Edit/View, and Delete/View sub-menus apply to a selected object database. All user-selectable operations flowed from Main Menu selections. Figure 5 shows the final look of the Main Menu and depicts the generic structure of all menus. Figure 6 provides a view of the form for editing/viewing an existing member record. Although specific fields differ across the various forms in the application, the same form "template" is used throughout the application. Appendix C,

the User's Manual, presents comprehensive graphics of application menus, reports, forms, recall letters, and screens.

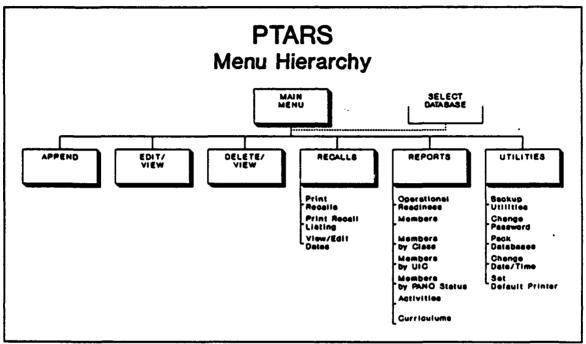


Figure 4. Menu Hierarchy

MEMBER ACTIVIT	CURRICULUM DIRECTOR	01/28/92 12:00:00 an
	PTARS HAIL	HENU
<p1> for <alt+p1> for</alt+p1></p1>	2. Edit/vi 3. Delete/	'view
	4. Recalls 5. rePorts 6. Select 7. Utiliti	. [.] [
	select::	

Figure 5. Main Menu Screen

Record: 000013	<pre><members></members></pre>		01/28/92	12:00:00 a	
<pre><pi> for Help    Member's SSN TEXT</pi></pre>	45 - 6789]				
Last Name Doberty	P:	Irst Name Hanet		M.I. 🗓	
Rank/Rate	Service Branch JSN			Class 1	
Pano Status HRN		rti	1/DD/YY		
UIC 81405	NPS Student Curriculum I	SHC	SHC (1000)		
Date	s of Previous Recall	Letters Routed To I	<b>Henber</b>	•	
Recall 1	Recall 2	Recall 3	Reca	11 4	
11/21/91 MM/DD/YY	MPL DD/YY	MM/DD/YY	MMLD	D/YY	

Figure 6. MEMBER Edit/View Form

After establishing the menu hierarchy and obtaining user approval of report, form, recall letter, and screen prototypes, an integrated prototype of the application was developed. That is, a working model of the system was created but with incomplete

functionality [Ref. 3, 4]. End-user evaluations of the prototype's characteristics and operation were used to iteratively revise the model. This prototype was then expanded in functionality to become the final system. This approach was facilitated by Foxpro's project management capability for unifying and coordinating the separate elements of the application. Added advantage was obtained from the use of this approach in that end-users became intimately involved in the development process and actively influenced the look and functioning of the final system. Thus, by the time of implementation their expectations were satisfied and they were well-versed in the application's functioning.

Care was taken to establish consistency of function across modules with regard to form and menu design, messages, escape procedures, navigation keys, function-key use, and availability of on-line help. Moreover, as indicated in the object specifications (Appendir 1), the range and format of data for most of the fields was carefully controlled.

#### IV. SYSTEM IMPLEMENTATION

System implementation was the final step of the development process. The primary objective was to build the fully functional physical application that satisfied the end-user. The physical database was constructed using a DBMS-specific methodology, Foxpro 2.0. It is compatible with the widely-used dBase DBMS language and has numerous language extensions. Moreover, as noted previously, the product provides a very efficient, windowed development environment that facilitates coding, compiling, running, and debugging from within an integrated interface.

During implementation, the prototype was expanded to include all modules fully integrated into an application with complete functionality. Appendix C, the User's Manual, provides documentation which details the final application's features and operations. Documented program code, procedure and token listings, and a token cross-reference listing are included in Appendix E.

Installation required converting the mainframe database and adding several data elements. Hence, the installation and transition to the new system took several days to complete. Primary user training was accomplished during the development process.

#### V. SUMMARY AND RECOMMENDATIONS

#### A. SUMMARY

The mainframe-based patient tracking and recall system was due for replacement. It was out-dated in its user interface, was unreliable to access, lacked adequate field validation checks, and required additional capabilities. The PTARS system designed and implemented during the course of this thesis addressed all of these deficiencies and included users actively in the development process. The system is user-friendly and includes all necessary functions internally to provide security, data integrity, and an intuitive operation.

#### **B. RECOMMENDATIONS**

During the development process much thought was given to anticipating the needs of end-users. On-line, context-sensitive help was provided for all operations and fields; and confirmations, messages, and prompts were built into all operations that affected the content of the database. Nevertheless, it is still incumbent upon the user to make choices and take actions to protect the data and maintain the quality of unrestricted character fields.

Data security will be only as good as the user's attention to it. The password must be protected, the system must not be left running unattended, and regular backups to floppy disk must be made and stored to safety. All of these activities are ultimately left

up to the discretion of the user. Proper training and careful reading of the User's Manual should enhance end-user adherence to recommended practice.

Finally, NRDC currently provides PC hardware and software support to branch clinics. Upon request, a PC technical expert will troubleshoot problems with BDCM computer resources. The necessity of PCs in the branch clinics is acknowledged and some standard software is provided for an integrated dental information system. Yet, clinics are not provided the resources to protect their systems. For example, no user training is conducted regarding routine machine or data maintenance or security. This could develop into a significant problem in the event of a large data loss. NRDC should consider providing all branch clinics with reasonably efficient backup software, disk maintenance and data recovery software utilities, and the training to use them effectively.

#### LIST OF REFERENCES

- 1. Foxpro Developer's Guide, Fox Software, Perrysburg, Ohio, 1991.
- 2. Kroenke, D. M. and Dolan, K.A., *Database Processing* (Third Edition), Science Research Associates, Inc., Chicago, Illinois, 1988.
- 3. Boar, B., Application Prototyping: A Requirements Definition Strategy for the 80's, John Wiley & Sons, New York, New York, 1984.
- 4. Senn, J. A., Analysis and Design of Information Systems (Second Edition), McGraw-Hill, New York, New York, 1989.

#### APPENDIX A: OBJECT SPECIFICATIONS

#### **Object Definitions**

#### **MEMBER OBJECT**

Domain name Descriptive name SSN Social Security Number Last Name Last name First Name First\_name Middle Initial MI Rank rate Rank or Rate Service Branch Branch Last T2 Exam Last T2 Class Rating Class Pano Pano X-ray Status SMC or Department Code **SMC** Recall Letter 1 Date Recall 1 Recall Letter 2 Date Recall 2 Recall Letter 3 Date Recall 3 Recall Letter 4 Date Recall 4

**ACTIVITY**; **ACTIVITY** object

CURRICULUM; CURRICULUM object

#### **ACTIVITY OBJECT**

Descriptive nameDomain nameUnit Identification CodeUICUnit AeronymAcronymActivity NameAct\_namePoint-of-ContactPOC

#### **CURRICULUM OBJECT**

MEMBER; MEMBER object; MV

Descriptive name
Curriculum Number
Curriculum Name
Curriculum Name
Curr\_name
Department Code
Phone Number
Phone no
MEMBER; MEMBER object; MV

#### **Domain Definitions**

```
Acronym:
    Character (11)
    Abbreviated activity name
Act name:
    Character (47)
    Official abbreviated name of an NPS tenant command served by BDCM
Branch:
    Character (4)
    Abbreviation for member's service branch
Class:
    Numeric (1), range 1-4
    Class rating assigned by dentist to each member
Curr name:
    Character (46)
    NPS curriculum name
Curr num:
    Character (3)
    Unique NPS curriculum number code
Dept code:
    Character (2)
    Curriculum office NPS department code
First name:
    Character (15)
    Member's first name
Last_name:
    Character (23)
    Member's last name
Last T2:
    Date (8); Mask MM/DD/YY, where MM is month, DD is day, YY is year
    Last T2 exam date
MI:
    Character (1)
    Member's middle initial
Pano:
    Character (3)
    Member's pano x-ray status
```

#### Rank rate:

Character (5)

Member's rank or rate

#### Recall 1:

Date (8); Mask MM/DD/YY, where MM is month, DD is day, YY is year Recall letter 1 date

#### Recall 2:

Date (8); Mask MM/DD/YY, where MM is month, DD is day, YY is year Recall letter 2 date

#### Recall 3:

Date (8); Mask MM/DD/YY, where MM is month, DD is day, YY is year Recall letter 3 date

#### Recall 4:

Date (8); Mask MM/DD/YY, where MM is month, DD is day, YY is year Recall letter 4 date

#### SMC:

Character (4)

Member's student mail center number or staff department mail code

#### SSN:

Character (11); Mask NNN-NN-NNNN, where N are any digits Unique member Social Security Number

#### UIC:

Character (6)

Unique Unit Identification Code of NPS tenant command

#### APPENDIX B: UPDATE, DISPLAY, AND CONTROL MECHANISMS

#### I. Update Mechanisms

#### A. Append/Edit MEMBER data

- 1. Inputs
  - Initial member data received at physical check-in of member records to BDCM
  - Member change data received on roster from PSD
  - Member change data received on roster from Registrar
  - MEMBER object instance from database
  - ACTIVITY object instance from database
  - CURRICULUM object instance from database
  - System-date and time
- 2. Outputs
  - New or modified MEMBER object instance in database
  - Confirmation message on screen
- 3. Processing notes
  - This function used for both new and current members
  - All initial member data manually entered after review of member's dental record
  - Student SMC number may not be available initially
- 4. Volume
  - 225 Jun; 75 Feb/Jul; 250 Mar/Sep/Dec
  - Seven per week on average after quarter start
  - 275 edits per week on average
- 5. Frequency
  - Six times per year for large batch; otherwise daily

#### B. Delete MEMBER data

- 1. Inputs
  - Member takes physical custody of dental records upon detachment
  - MEMBER objects in database
- 2. Outputs
  - Confirmation notice on screen
- 3. Processing notes
  - Backups of MEMBER data should be made prior to processing a batch of deletions
- 4. Volume
  - 250 at end of each academic quarter
  - Seven per week on average after quarter end
- 5. Frequency
  - Four times per year for large batch; otherwise daily

#### C. Append/Edit ACTIVITY data

- 1. Inputs
  - Activity data change from Personnel Support Detachment (PSD)
  - ACTIVITY object instance from database
- 2. Outputs
  - New or modified ACTIVITY object instance in database
  - Confirmation message on screen
- 3. Processing notes

- This function will be seldom used since it will be triggered by the addition or mountcation of a generally stable client organization
- This function used for both new and current activities
- 4. Volume
  - Variable, approximately one instance every two years on the average
- 5. Frequency
  - Variable, approximately once every two years
- D. Delete ACTIVITY data
  - 1. Inputs
    - Activity data change from Personnel Support Detachment (PSD)
    - ACTIVITY object instance from database
  - 2. Outputs
    - Confirmation notice on screen
  - 3. Processing notes
    - This function will be seldom used since it will be triggered by the elimination of a generally stable client organization
    - Backup of ACTIVITY data should be made prior to deletion
  - 4. Volume
    - Variable, approximately one instance every four years on the average
  - 5. Frequency
    - Variable, approximately once every four years
- E. Append/Edit CURRICULUM data
  - 1. Inputs
    - Curriculum data change from Registrar
    - CURRICULUM object instance from database
  - 2. Outputs
    - New or modified CURRICULUM object instance
    - Confirmation message on screen
  - 3. Processing notes
    - This function will be seldom used since it will be triggered by the addition or modification of generally stable curriculums
    - This function used for both new and current curriculums
  - 4. Volume
    - Variable, approximately two instances per year on the average
  - Frequency
    - Variable, approximately twice per year prior to new student class
- F. Delete CURRICULUM data
  - 1. Inputs
    - Curriculum data change from Registrar
    - CURRICULUM object instance from database
  - 2. Outputs
    - Confirmation message on screen
  - 3. Processing notes
    - This function will be seldom used since it will be triggered by the elimination of a generally stable curriculum
    - Backup of curriculum data should be made prior to deletion
  - 4. Volume
    - Variable, approximately one instance every five years on the average
  - 5. Frequency
    - Variable, approximately once every five years

#### II. Display Mechanisms

- A. Query on MEMBER
  - 1. Output description
    - Form showing all data for a member to screen
  - 2. Source data
    - MEMBER object
    - Member SSN or name keyed by user
  - 3. Processing notes
    - Used by Administrative Petty Officer or Receptionist
  - 4. Volume
    - Five per week
  - 5. Frequency
    - Daily
- B. Recall letter 1
  - 1. Output description
    - Memorandum mailed to member
    - New or modified MEMBER object instance in database
  - 2. Source data
    - MEMBER object
    - System-date
  - 3. Processing notes
    - This process is initiated from a menu by the user. It creates recall letter one for all members whose last T2 exam was more than 10 months prior to the system-date and for whom recall letter one was not previously produced
    - This process inserts system-date as Recall-Ltr1-Date when conditions above exist
  - 4. Volume
    - 160 monthly
  - 5. Frequency
    - End of every month
- C. Recall letter 2
  - 1. Output description
    - Memorandum mailed to member
    - New or modified MEMBER object instance in database
  - 2. Source data
    - MEMBER object
    - System-date
  - 3. Processing notes
    - This process is initiated from a menu by the user. It creates recall letter two for all members whose last T2 exam was more than 11 months prior to the system-date, for whom recall letter one was produced, and for whom recall letter two was not previously produced
    - This process inserts system-date as Recall-Ltr2-Date when conditions above exist
  - 4. Volume
    - 100 monthly
  - 5. Frequency
    - End of every month
- D. Recall letter 3
  - 1. Output description
    - Letter mailed to member
    - New or modified MEMBER object instance in database

- 2. Source data
  - MEMBER object
  - System-date
- 3. Processing notes
  - This process is initiated from a menu by the user. It produces recall letter three for all members whose last T2 exam was more than 12 months prior to the system-date, for whom recall letter two was produced, and for whom recall letter three was not previously produced
  - This process inserts system-date as Recall-Ltr2-Date when conditions above exist
- 4. Volume
  - 30 monthly
- 5. Frequency
  - End of every month
- E. Recall letter 4
  - 1. Output description
    - Letter mailed to Curriculum Officer for student members and Activity POC for all
      other members
    - New or modified MEMBER object instance in database
  - 2. Source data
    - MEMBER object
    - ACTIVITY object
    - CURRICULUM object
    - System-date
  - 3. Processing notes
    - This process is initiated from a menu by the user. It produces recall letter four for all
      members whose last T2 exam was more than 13 months prior to the system-date, for
      whom recall letter three was produced, and for whom recall letter four was not
      previously produced
    - This process inserts system-date as Recall-Ltr4-Date when conditions above exist
    - Student members uniquely belong to UIC 31405
  - 4. Volume
    - 3 monthly
  - 5. Frequency
    - End of every month
- F. Operational Readiness Report
  - 1. Output description
    - Screen display of summary count and percent of patient load for all members by class
    - Screen display of summary count and percent of all patients in Pano x-ray status categories
  - 2. Source data
    - MEMBER object
    - System-date
  - 3. Processing notes
    - This process is initiated from a menu by the user. It creates a summary report of the number and percentage of all members in each of the four different dental classes. The report can be optionally printed.
  - 4. Volume
    - 1 monthly
  - 5. Frequency
    - End of every month

#### G. Member Roster

- 1. Output description
  - Printed roster of all members sorted alphabetically or by SSN
- 2. Source data
  - MEMBER object
  - System-date
- 3. Processing notes
  - This process is initiated from a menu by the user.
- 4. Volume
  - 1 monthly
- 5. Frequency
  - End of every month

#### H. Member Roster by Class

- 1. Output description
  - Printed roster of members sorted alphabetically or by SSN; available for all or for specified class
- 2. Source data
  - MEMBER object
  - System-date
- 3. Processing notes
  - This process is initiated from a menu by the user.
- 4. Volume
  - 1 monthly
- 5. Frequency
  - End of every month

#### I. Member Roster by UIC

- 1. Output description
  - Printed roster of all members sorted alphabetically or by SSN
- 2. Source data
  - MEMBER object
  - System-date
- 3. Processing notes
  - This process is initiated from a menu by the user.
- 4. Volume
  - 1 monthly
- 5. Frequency
  - End of every month
- J. Member Roster by Pano X-ray status
  - 1. Output description
    - Printed roster of members sorted alphabetically or by SSN; available for all members or for specified Pano status
  - 2. Source data
    - MEMBER object
    - System-date
  - 3. Processing notes
    - This process is initiated from a menu by the user.
  - 4. Volume
    - 1 monthly
  - 5. Frequency

- End of every month
- K. Activities Listing
  - 1. Output description
    - Printed roster of Activities sorted by UIC
  - 2. Source data
    - ACTIVITY object
    - System-date
  - 3. Processing notes
    - This process is initiated from a menu by the user.
  - 4. Volume
    - 1 monthly
  - 5. Frequency
    - End of every month
- L. Curriculums Listing
  - 1. Output description
    - Printed roster of Curriculums sorted by curriculum number
  - 2. Source data
    - CURRICULUM object
    - System-date
  - 3. Processing notes
    - This process is initiated from a menu by the user.
  - 4. Volume
    - 1 monthly
  - 5. Frequency
    - End of every month

#### III. Control Mechanisms

- A. Access to the system is protected by a password known only by the Administrative Petty Officer and the Receptionist
- B. The system is limited to use by one person at a time.
- C. Monthly validations of various member data are accomplished using rosters obtained from PSD and the Registrar

### APPENDIX C: USER'S MANUAL

# NPS DENTAL CLINIC PATIENT TRACKING & RECALL SYSTEM



Timothy P. Steele LCDR, MSC, USN Naval Postgraduate School



Introduction	
Features overview	
Typographical conventions	
Chapter 1 Getting started	3
System requirements	3
Installation	4
Installation overview	
Installing PTARS	4
Re-installing PTARS	
Starting PTARS	
Updating member CLASS	
Security	
Creating a start-up batch file	
Chapter 2 Getting around	q
Navigation/Activation keys	
Function keys	0
Using on-line Help	10
Menus overview	
Main Menu	
Selecting a database	
Exiting PTARS	
Lading I IANS	
Chapter 3 Database updating	<u> 15</u>
Appending records	15
Editing/viewing records	16
Deleting/viewing records	19
Chapter 4 Recalls	21
Printing recalls	22
Printing recalls lists	
Viewing/editing recall dates	
VINTER WILLIE INVEST IN INCOME.	/

Chapter 5 Reports	<u> 29</u>
Operational readiness	29
Rosters	30
Chapter 6 Utilities	33
Backup utilities	
Backing up database(s)	34
Listing files	35
Formatting a floppy disk	35
Restoring backup(s)	35
Changing the password	36
Packing the database(s)	37
Changing the date or time	37
Selecting the default printer	37
Appendix A Optimizing PTARS	39
Disk defrag/compress	
Memory	
Conventional memory	
Expanded memory	40
Extended memory	
	41
Config.sys	
Config.sys	

## Introduction

Welcome to the Naval Postgraduate School Dental Clinic (NPSDC) Patient Tracking and Recall System (PTARS). This database application was developed to provide an inhouse, PC-based capability for NPSDC to maintain the patient data necessary to track and recall patients for annual exams and to produce operational readiness statistics. The system provides fast, dependable access to member records and automates the recall process.

PTARS was designed based on extensive interviews with the NPSDC staff to identify clinic requirements. Prototypes of the system were iteratively developed and demonstrated to ensure that clinic end-users were fully satisfied with the final system specifications. A primary design objective was to develop an application that was very userfriendly. Hence, you will be able to use the system productively with only a minimum amount of familiarization time. Please take a few minutes now to review this User's Manual.

#### Features overview

PTARS employs four database files that are directly accessible to user modification: MEMBERS.DBF, ACTIVITY.DBF, CURRICUL.DBF, and DIRECTOR.DBF. MEMBERS.DBF contains the information pertinent to each patient. ACTIVITY.DBF and CURRICUL.DBF are used for locating patients and for printing recall letter addresses. ACTIVITY.DBF contains information specific to each UIC served by NPSDC and CURRICUL.DBF contains information specific to each NPS student curriculum. DIRECTOR.DBF contains the name of the current NPSDC Director for placement into the signature line of recall letters.

The application provides a series of simple menus and sub-menus from which to choose its various options. You will be able to view, append, update, and delete Member, Activity, Curriculum, and Director data using screen forms with built-in error-checking routines for each action or data entry. You will also be able to print special reports, sorted database listings, and recall letters. Additional features include but are not limited to:

- Password controlled access to PTARS; changeable password
- Automatic updating of member treatment class status

- Context-sensitive help
- System information display
- Continuous date and time display
- Automatic determination of appropriate recall letters to print
- Backup database(s) to hard disk or floppy disk; restore backup(s)
- Format floppy disk from within application
- List files on hard disk or floppy disk
- Automatic reminders for database backup (if more than one month since last backup) and database pack (if more than 10% of records marked for deletion)

## Typographical conventions

The following typographical conventions are used in this manual:

Input Anything that you type is in the Courier typeface, for example,

a:\setup <Enter>

Keys Keys to be pressed are represented like this:

<Esc> <Enter> <F1> {C}

Press both keys simultaneously when a "+" symbol is present, as in:

<Alt+F1>

Direction Cursor movement keys are indicated as:

<PgUp> <PgDn> <Arrows>

# Getting started

This chapter contains all the information you need to install and run PTARS. It also discusses the various settings that you can change.

It contains the following sections:

- System requirements
- Installation
- Starting PTARS
- Creating a batch file

## System requirements

PTARS requires the following hardware and software:

- An IBM compatible computer with at least 512K of random access memory (RAM) (640K of RAM strongly recommended)
- One floppy disk and one hard disk drive (with at least 3 megabytes of space available)
- Version 2.0 or later of DOS
- A CONFIG.SYS file in your root directory with a Files=25 (or greater) statement
- An EGA or VGA video adapter
- An Epson E/F/J/RX/LQ compatible or IBM Proprinter compatible dotmatrix printer

## Additional requirements:

• To take advantage of Expanded memory support, you need an expanded memory card that is hardware and software compatible with the Lotus-Intel-Microsoft standard 4.0 or later (LIM 4.0 EMS). If you have an Intel 80386 or 80486 processor you can also use extended memory and a software expanded memory emulator program. PTARS can use 64K

- of expanded memory as additional general purpose memory and any remaining expanded memory to speed up file I/O.
- If expanded memory is not available but the computer has extended memory, PTARS can be configured during installation to use 512K of the available extended memory for a disk cache to speed up file I/O.
- Double-copy paper to automatically make copies of recall letters. Since a copy of Recall 3 is identified as an enclosure to Recall 4, a copy of Recall 3 should be available before routing Recall 4. An alternative to double-copy paper would be making a copy of all Recall 3 letters after printing; then filing them in the event a Recall 4 was necessary for the same individual(s).

## Installation

#### Installation overview

You have been provided with four numbered floppy disks. Disks 1 to 3 contain the files necessary to install and run PTARS. Disk 4 contains the initial database files that were current at the time of program delivery (i.e., MEMBERS.DBF, ACTIVITY.DBF, CURRICUL.DBF, and DIRECTOR.DBF). There are two steps to installing PTARS:

- Make a backup and install the program. Before you do anything else, copy the original disks and store them in a safe place. Then, use your copies of the original disks and run the Setup program to install PTARS on your hard disk.
- Choose the default printer. Before you print for the first time, you should select the default printer emulation from the Utilities Menu.

#### **Installing PTARS**

Refer to your computer's documentation (or ask your local computer guru) to determine whether your computer has expanded memory, disk caching hardware or software, and/or extended memory. You will be queried during the installation process regarding your computer's configuration. Note that you need at least 3 megabytes of available hard disk space before you begin.

One cautionary note before beginning your installation. PTARS was designed to run using only one computer at a time. Although in the future it may be tempting to install PTARS on a second computer, avoid installing PTARS on more than one computer. Because the separate installations can not communicate, there is no built-in, guaranteed way for the separate databases to maintain the same up-to-date data. Although you could

theoretically transfer data using floppy disks, almost assuredly over time some data would exist in one machine but not the other, and vice-versa.

The steps for installing PTARS are as follows:

- 1. Insert the PTARS disk #1 in drive A.
- 2. At the DOS prompt, type a:\setup. The Setup program will start.
- 3. When prompted by Setup, specify the disk where you want to install PTARS (e.g., c). Setup creates the subdirectory "\PTARS" on the hard disk specified and copies the program files and initial database files to it. Setup prompts you to insert each disk when necessary.
- 4. After copying, assembling, and un-compressing all the files from the installation disks, Setup queries whether your computer has expanded memory and/or a disk cache. Respond y or n, as appropriate. If you respond negatively, Setup queries whether you have extended memory. Again, respond as appropriate. This process determines how PTARS is configured for start-up.
- 5. When the installation is complete, Setup presents a screen with installation notes. Read the notes. Setup then queries whether you want to start PTARS. If you respond affirmatively, PTARS loads immediately.
- 6. Before printing from PTARS for the first time, select the default printer from the Utilities Menu. Refer to your printer's documentation to determine which emulation (Epson E/F/J/RX/LQ or IBM Proprinter) your printer uses. The default printer emulation is initially Epson.
- 7. Align the paper in your printer. Test the margin adjustments of your paper by printing the Operational Readiness Report from the Reports Menu. The top of your paper should be set in your printer so that one blank line exists at the top of the printed report. Likewise, the paper should be set so that one blank space exists to the left of the header statement "FOR OFFICIAL USE ONLY". If your paper is adjusted in the printer to satisfy these conditions, all printing from PTARS will be formatted properly.

#### Re-installing PTARS

There are two instances when you may want to re-install PTARS: 1) when there is some problem with any of the program files or 2) the computer has been modified with regard to expanded memory, a disk cache, or extended memory.

The re-install process is exactly the same as the initial installation with two exceptions. Setup attempts to determine if PTARS has been installed previously. If Setup detects that this is a re-installation you will be presented with a listing of existing database files in the "\PTARS" subdirectory and a re-installation note on screen. You can elect to continue or quit the re-installation at this time. If you elect to continue, you will be queried regarding which, if any, of the initial database files you may want to re-install. Note that if you have been using PTARS for any period of time you will probably elect not to re-install any of the initial database files. This is because they will be out of date. Use the "Restore backup(s)" option in the Backup Utilities Menu to restore your most recent data from floppy disk, if necessary.

## Starting PTARS

If necessary, change to the "PTARS" subdirectory on the drive where you installed PTARS (e.g., at the DOS prompt, type cd\ptars). Then type ptars and press <Enter>. A logo screen will appear and pause briefly. (You can eliminate the pause by pressing any key during the logo display.) Following the pause, the PTARS Access Screen appears and you are requested to enter the password. The initial password to use is "zyxabc". You will be given up to three attempts to enter the correct password. After a third failure, PTARS shuts down.

After correctly entering the password, you will be queried whether the system date and time are correct. If you respond negatively, you are prompted to enter the correct date and/or time according to the format displayed.

#### Updating member CLASS

When the system date and time are correct, PTARS updates each member's dental CLASS rating. CLASS ratings of "1", "2", or "3" are assigned to members by an examining dentist. A CLASS rating of "4" indicates simply that the member is due for his/her mandatory annual dental examination. PTARS scans each record in the MEM-BERS.DBF database file and checks to see if the LAST T2 date is more than 12 months prior to the current system date. If so, it replaces the existing CLASS rating with "4". After updating member CLASS, PTARS displays the Main Menu.

#### Security

It is strongly recommended that the default password be changed after installing the PTARS program. Your data is extremely important. Inadvertent or deliberate tampering with your data by an unauthorized person can only be prevented by taking security precautions (and taking them seriously). In addition to keeping a secure password, it is very important that you do not leave PTARS running unattended. The temptation to do

so, however, will be great. Making regular backups of your data to floppy disk and putting them in a safe place is probably the best way to ensure against loss of data due to any cause.

## Creating a start-up batch file

A DOS batch file can be created that will enable you to start PTARS at any time regardless of what directory you may currently be in, without having to type additional DOS commands. Use a text editor (or a word processor mode that does not insert hidden formatting codes) to create a batch file like the example below. The example batch file assumes that you have installed PTARS to the C drive.

C: CD\PTARS PTARS

When the batch file is complete, name it "PTARS.BAT" and place it in your root directory or any directory that is in your DOS path. Henceforth, simply type PTARS to load the PTARS program from any location. See any DOS reference for terminology assistance.



# Getting around

This chapter contains the information you need to navigate the menus, forms, and fields of PTARS. It covers:

- Navigation/Action keys
- Function keys
- Using on-line Help
- Menu overview
- Main menu
- Exiting PTARS

## Navigation/Action keys

Each PTARS screen shows the available commands or options. The following keys let you move around a screen, between or within fields, or perform various generic actions:

Press:	<u>To:</u>
<arrows></arrows>	move up or down one line; move left or right one character or screen
<pgup>/<pgdn></pgdn></pgup>	display previous or next screen of a multiple records screen
<home></home>	move to the start of a multiple records screen or input field
<end></end>	move to the end of a multiple records screen or input field
<backspace></backspace>	delete character to left; move back one input field
<return></return>	accept an entry; move to next field
<insert></insert>	toggle insert/typeover mode
<del></del>	delete a character or record
<esc></esc>	cancel the current task

## **Function keys**

Function keys <F1> through <F4> are assigned specific actions as described below. Pressing <alt+F1> (pressing both keys simultaneously) at any time presents a popup reminder list of the functions available. Functions are activated by pressing the assigned function key or selecting the function from the popup list. Functions are available at all times, regardless of the current activity. The functions available are:

Help <F1>

Context-sensitive help window. See the next section, "Using online Help".

Calendar <F2>

Pops-up a monthly Calendar display. It shows the current month in row and column form with the current day highlighted. You can move forward or backward in months by pressing <pqup> or <PgDn>, and in years by pressing <Ctrl-PgUp> Of <Ctrl-PgDn>, respectively. To get back to the current date, press {T}. As with almost all operations in PTARS, press <Esc> to exit.

Poptris <F3>

A Tetris-like diversion. The object is to fill the rectangular field with the falling objects from the bottom up without leaving any open spaces. Use the numeric keypad arrows to position falling objects within the field. Pressing the number 5 key causes the shape of the falling object to change. It can be pressed repeatedly to cycle the shape of the falling object. Pressing the 1 arrow key causes the falling object to land immediately, hence, speeding up the activity. Additional commands/functions are displayed on-screen. Poptris code has been included by permission of Gerald F. Garcia.

About PTARS <F4>

A window containing system environment information. includes information on the operating system, computer hardware, RAM, and disk space.

## Using on-line Help

On-line Help is available at all times by pressing <F1>. Help is "context-sensitive" since the Help Topic details initially displayed apply to the current PTARS screen. When the \$ symbol is present in the topic box, you can scroll down or up through the Help window to view additional text using the \(\frac{1}{2}\) or \(\frac{1}{2}\) arrow keys.

As shown in Figure 1, the Help window consists of two panels—one lists Help Topics and the other displays details about each Topic. At the bottom of the Topics list all fields in the various databases are identified with a " ~ " prefix and are defined. Commands available in Help are described below:

This provides a list of Topics available in the Help system. To select « Topics » a Topic you can: 1) use the arrow keys to scroll through the Topics

to find the one you want or 2) type a letter or series of letters to select the first Topic beginning with those letter(s). To see details about a Topic, select the Topic and press <Return>.

This selects Help details for the next Topic in the help file list. <Next>

This selects Help details for the prior Topic in the help file list. <Previous>

Enables you to find the closest Topic match to a word that you <Look Up> highlight within Help details. When you highlight a word in the Help text, the <Look Up> function becomes available. You highlight a word by placing the cursor at the first letter in a word using the ← and → arrow keys. Then press <shift+→> to highlight the word.

This lists Help Topics that may be of interest related to the current See Also Topic.

Exits Help. <Esc>

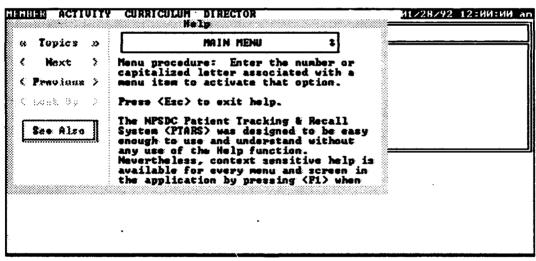


Figure 1. Help window appearing over Main Menu.

#### Menus overview

PTARS is a "menu-driven" system. All operations are activated by selecting options from full-screen menus, from sub-menus located at the bottom of the screen, or from pop-up menus. An option can be selected on all menus by pressing the highlighted (and capitalized) letter associated with the option. On full-screen menus the number of the menu option will also activate the option. On popup menus you can also scroll to the desired option and press <enter> to activate the option. Figure 2 below provides a graphical view of the major menu operations within PTARS.

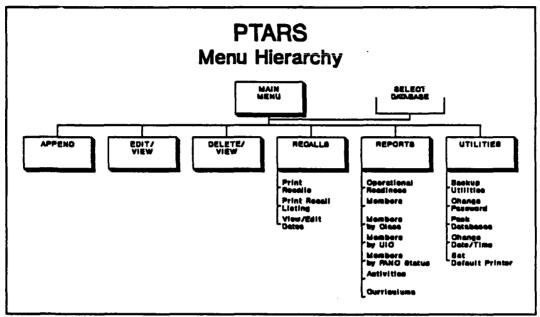


Figure 2. PTARS menu hierarchy.

## Main Menu

After updating member CLASS, PTARS displays the Main Menu, as shown in Figure 3 on the next page. Each screen in PTARS continuously displays the system date and time in the upper right corner.

## Selecting a database

In the upper left corner of the Main Menu the four databases of interest are identified. The active database is highlighted and blinking. By default, Members is the initially active database. The Main Menu options "Append", "Edit/view", and "Delete/view" apply only to the active database. A different database can be made active by choosing the option, "Select database", and then selecting the desired database from the popup selection list.

Exiting PTARS is discussed in the following sub-section. The remaining Main Menu options are covered in detail in subsequent chapters.

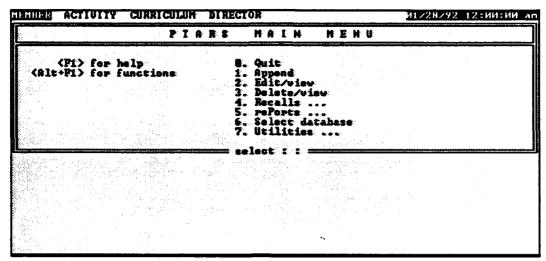


Figure 3. PTARS Main Menu.

#### **Exiting PTARS**

It is very important that you exit (quit) PTARS using the Main Menu "Quit" option. If you reboot the computer with <ctrl+Alt+Del> or shut the power off without first quitting properly, any databases which are in use at the time are vulnerable to damage. Hence, it is essential that you exit only by using the Main Menu "Quit" option.

When quitting, several things happen before the system shuts down. First, PTARS checks to see if it has been more than one month since MEMBERS.DBF has been backed-up to a floppy disk. If so, a reminder message pops-up on screen and you are given the option to perform a backup. If you choose to perform a backup, PTARS switches to the Backup Utilities Menu where you can perform your backup operations and quit when you are finished.

Next, PTARS checks to see if more than 10% of the records in MEMBERS.DBF have been marked for deletion. If so, a message pops-up and you are queried whether you want to "pack" the database. See Chapter 6 for details on packing the database.

Finally, before shutting down, PTARS queries whether you want to back-up the databases to the hard disk. This allows you to save a second copy of your session's work on the hard disk. See Chapter 6 for further coverage of backing-up.

# Database updating

This chapter contains the information necessary for updating the databases by appending, editing, or deleting records. Several example screens will be shown to preview the look of PTARS when working with its various modes.

## **Appending Records**

Select the "Append" option from the Main Menu to append records. Appending records involves adding new records to a database. New records can be appended to MEM-BERS.DBF, ACTIVITY.DBF, and CURRICUL.DBF. Unlike the foregoing three databases, DIRECTOR.DBF contains only one record. This record contains the name of the current clinic director and must always be present. Hence, it can only be edited.

As discussed in Chapter 2, PTARS starts by default with MEMBERS.DBF as the active database. You can select a different database from the Main Menu option "Select Database". To append records, press (A) from the Main Menu. A blank form will appear, ready to receive new data. You can abort from appending by pressing <EBC> and the record will not be saved.

When appending a record almost all fields require an entry. If a field is left blank and <Enter> is pressed, either a warning will appear stating that an entry is required or a popup list of valid field entries will appear. When a popup list appears, scroll to the desired field entry and press <Enter> to insert the entry into the form. Figure 4 shows the Append data entry form for Members.

If the member is an NPS student (i.e., UIC = "31405"), a field for Curriculum Number and SMC (Student Mail Center number) will appear following UIC. Alternatively, if the member is a non-student, a field for Activity Department Code will appear. Enter data into these fields as appropriate.

As a reminder, if you have any doubts regarding the contents of a certain field, be sure to utilize the Help function. Each field in all the databases is described in the Topics section of Help. Field names are prefixed with the "~" symbol and are located at the bottom of the scrollable Help Topics list.

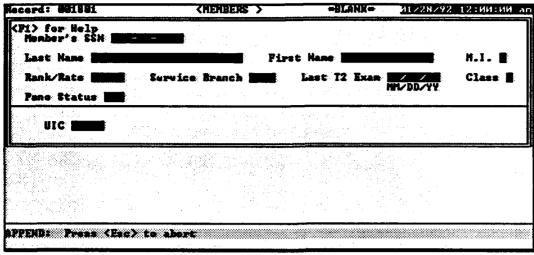


Figure 4. Append record form for Members in append mode.

After completing the data entry for a new record or after aborting an append, a sub-menu will appear at the bottom of the screen with several options:

> <Return>:add-another {E}dit {F}inished <Del>

Pressing <Return> brings up a blank form for appending another new record. Pressing (E) dit allows editing of the currently displayed record. Selecting (F) inished appends the record (if completely entered and not marked for deletion) and returns you to the Main Menu. Pressing <pe1> toggles between deleting and saving the current record. For example, assume you discover an error in a record that you have just entered and you want to delete it so that you can get the correct info later and re-enter it. Press <Del> to delete it. This allows you to then press <Enter> to keep entering new records without saving the erroneous one. When a record is "Deleted" a status indicator at the top of the screen says " \*Deleted\* ". In the next section, forms for editing each of the databases will be displayed. The forms look very similar to the forms for appending data.

## Editing/viewing records

The "Edit/view" option of the Main Menu allows you to edit records in the active database. Editing is performed with one record displayed at a time. This option also provides a means to view all the data in a record of the active database on a single screen.

As can be seen in Figure 5, the Edit/view form for Members is very similar to the Append form for Members. The difference is that the sub-menu of options available is more extensive and that additional information is shown on the form. In the lower

portion of the Edit Members form the dates of recall letters previously printed to the Member are displayed. This information can not be edited from the Edit/view screen but is for viewing only. Editing of recall dates will be discussed in Chapter 4.

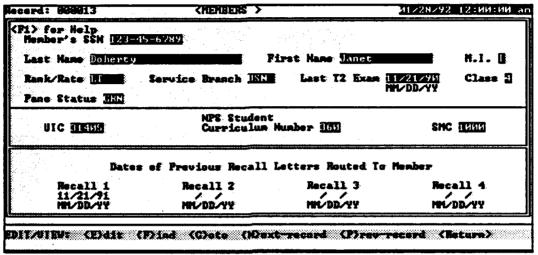


Figure 5. Edit/view form for Members.

The actions of each of the Edit/view sub-menu commands are as follows:

- {E}dit returns the cursor to the record displayed for further changes; the {E}dit sub-menu options are not available. Entry of data in edit mode is the same as when appending a new record. Pressing <Esc> when in edit mode aborts the edit and the original data is displayed.
- When editing Members, {F}ind enables you to select a specific record {F}ind by specifying a member's SSN or name. (Part of a name or even a single letter can be used. PTARS will seek the first instance of whatever you type. Specifying the person's full name provides an exact match.) Since a name is not necessarily unique, the first occurrence of a match is shown on the screen. Specify a UIC when editing an Activity and a Curriculum Number when editing a Curriculum.
- (G) oto enables you to go to a specific record number in the database. {G}oto Record numbers are listed in the top left of the edit screen.
- {N}ext {N}ext-record brings up the next record. (By default, records are sorted by SSN. When a record is "found" by name, the database is sorted by last-name + first-name.)

(P) rev-record brings up the prior record. Records are sorted as noted {P}rev above.

<Return> orings you back to the Main Menu.

Figures 6 and 7 display the Edit/view forms for the Activity and Curriculum databases, respectively. The Append forms for these databases look the same with the exception of the sub-menus.

Recerd: 800002	<activity></activity>	И1/28/92 12:ИИ:ИИ an
(Pi) for Help UIC HEND	Activity Name NPS MONTEREY STUDENT	
MERON VIEW NESS CHILDEN		en e
EDIT/GIEN: Œ	dit (P)ind (C)ets (Next recs	d (P)rev record (Seturn)

Figure 6. Edit/view form for Activity.

Record: 808001	<curricul></curricul>	И1/28/92 12:ИИ:ИИ аг
<pre><pi> for Help   Curriculum #</pi></pre>	Curriculum Name Operations Analysis	
Curriculum 8 EGM Department Code EM	Phone # 2285	
<u> </u>		
	·	
DITATIFUE (F)4(+	(F) ind (C) etc (N) ext-record	
	TO A TOUR CONTRACT OF THE CONT	Vertila Lagrania ( Necessary )

Figure 7. Edit/view form for Curriculum.

Figure 8 shows the Edit/view form for Director. As discussed, Director can not be appended to or deleted. Hence, you are automatically in edit mode when you select this form. This is because there is only one clinic Director record and it must always contain a signature name.

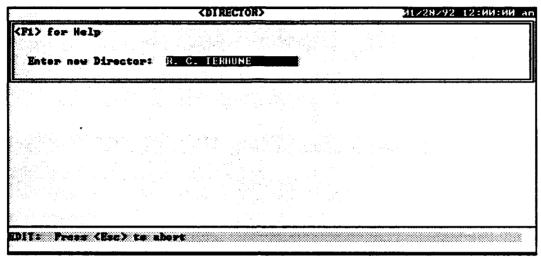


Figure 8. Edit/view form for Director.

## Deleting/viewing records

Select the "Delete/view" option from the Main Menu to delete record(s) or to view multiple records on one screen. When a record is marked for deletion, an "\*" appears to the left of the record. Figure 9 shows the Delete/view screen for Members. The Delete/view screens for Activities and for Curriculums operate in the same fashion as for Members. The only difference is the fields displayed on screen. When the "==>" appears in the upper right of the screen on the field column header line, additional fields exist for viewing. Pressing the right arrow key will pan the screen right to view the additional fields. Press the left arrow key to pan back to the left.

When a record is "Deleted" on the Delete/view screen, the record is not actually physically removed from the database; it is simply "marked" for deletion. This means that the record can still be recovered if you decide later that you want to "undelete" it. See the discussion of the cpe1> action below for its operation. To permanently (physically) remove record(s) from a database, the database must be "packed". Chapter 6, "Utilities", provides further discussion of packing the database.

1> for	100 Th	DELETE/UIEW RECO	AU <b>ha</b>			
cords	\$8H	LAST NAME	PIRST MAME	MI	RANK/RATE	
1	<del>998-99-9</del> 992	Merman	Ethel		LT	
2	801- <del>00-</del> 8083	Miserables	Les		LT	
3	<b>9</b> 12-12-1212	Andrews	Antaine	R	LT	
4	012-93-8475	Adame	John	Q:	ENS	
5	822-28-8088	Narcos	ine lda	_	LTJG	
4: 5 6:	623-12-3122	Vine	Dandelion		ENS	
Ž		Lincola	Mark		ENS	
	876-35-3746	Block	Robert	O.	LCDR	
8. 9	883-82-7827	Matheus	Mark	Ň	LTJG	
18	889-64-3585	Morrison	Larry	M R	LŤĴĠ	
11	182-28-8888	Mastroiani	Marcelle	ã	LT	
12	189-28-3746	Laverne	Shirley	•	DT2	
13	123-45-6789				LÏ	
	123-58-9213	Doherty:	Janet	I	CAPT	
14		Madison	James	P		
	123-92-9292	Alexander	Hamilton	A	ENS	
	133-21-3836	Zanfir	Jonathan	Ĺ	SGT	
	134-15-6789	Sullivas	Xaren	E	LTJG	
18:	138-38-3838	Mears	Rick		LT	

Figure 9. Delete/view screen for Members.

The actions of each of the Delete/view sub-menu commands are as follows:

- Performs the same action as with the Edit/view form. {F}ind
- Performs the same action as with the Edit/view form. {G}oto
- {M}ode pops-up a selection of display modes for EGA and VGA video {M}ode adapters: EGA, 25 or 43 lines; VGA, 25 or 50 lines. More lines on a screen are useful when deleting many members in a single session.
- <Arrows> <Arrows> refers to the direction keys for moving sideways to view panels of fields or up and down to place the cursor on different records.
- <PgDn> takes you to the next screen of consecutive records. <PgDn>
- <Pgup> takes you to the prior screen of consecutive records. <PgUp>
- <Del> toggles a deletion marker for a record. To mark a record for <Del> deletion, move the cursor to the record and press <pel>.
  When a record is marked for deletion an "\*" appears to the left of the record. To unmark a deletion, make sure the cursor is on the correct marked record and press <pe1> again.

<Return> <Return> brings you back to the Main Menu.

## Recalls

Recalls are the primary reason for the existence of PTARS. Each of the Service Branches require that members receive an annual dental examination (a "T2" exam), regardless of any prior need for dental treatment. Hence, members require notification prior to expiration of the 12 month period since their last exam (T2 or otherwise). PTARS automates the recall (notification) process by printing initial recall letters (Recall 1) and, if necessary, up to three follow-up letters (Recall 2 to Recall 4) to members.

The following topics are covered in this chapter:

- Printing recalls
- Printing recall lists
- Viewing/editing recall dates

The Recalls Menu is accessed by selecting the "Recalls" option from the Main Menu. As shown in Figure 10, three options are available from the Recalls Menu. Each of these options will be discussed in detail in this chapter.

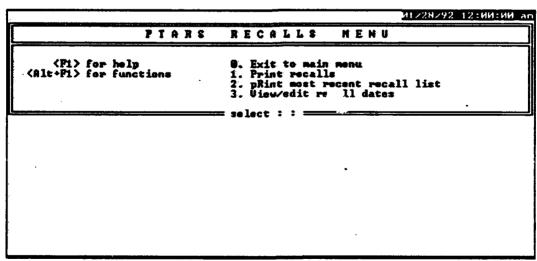


Figure 10. Recalls Menu.

## **Printing recalls**

Select "Print recalls" from the Recalls Menu to immediately start printing recall letters. Note that PTARS always backs-up the current MEMBERS.DBF to the hard disk prior to beginning its print routine. Also, note that prior to printing something, PTARS always presents a "Check the printer" notification. (See Figure 11.) You are also given the option to abort the print job. It is particularly important to heed this notification prior to printing recalls since the printing volume can be over 200 pages during this process and the print job can last over 45 minutes. Moreover, as discussed below, recall dates are inserted into the Members database. Any disruption of this process is problematic.

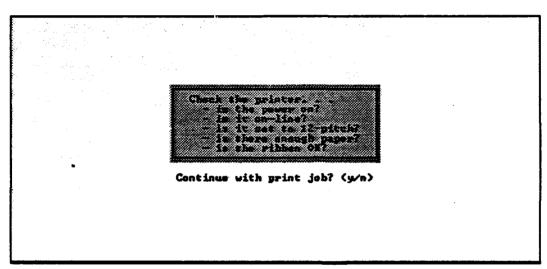


Figure 11. "Check the printer" notification.

It is important that recalls be printed at approximately the same time every month (e.g., the last day of the month or the first day of the month). This will provide consistency in the intervals that members receive follow-up letters, should they be necessary.

When you print recalls, all recall letters are printed and recall letter dates are inserted into MEMBERS.DBF. (Note: The current MEMBERS.DBF is backed-up to the hard disk before printing.) "Print Recalls" also creates a file for each recall letter category which lists members for whom a recall letter is printed (Recall1.1st to Recall4.1st). The previous recall list files are saved with a .BAK extension should they need to be examined from DOS. The logic of recall printing is described following the important section below.

IMPORTANT - The recall letter printing module automatically inserts a new recall letter date into the Members database when a recall letter is printed. It also creates files (RECALL1.LST to RECALL4.LST) containing SSNs and names of members for whom a recall letter was printed. If a printer malfunction occurs or the print job is aborted for some reason, it will be necessary to compare the file listings of the most recent recall letters against the physically printed letters. Members who are on the file listing, but for whom there is no useable printed recall letter, must have the new recall letter date deleted before the program can print a replacement recall letter. This is because the printing module checks the existing recall dates to determine if an appropriate recall letter has already been printed.

If for some reason none or relatively few usable recall letters are printed (e.g., the printer was not turned on or there was an early paper jam), you may want to consider restoring the hard disk backup that was created just prior to printing the recalls and starting over. None of the new recall dates will exist on the backup and you can fix the printer and start fresh. See "Restoring backup(s)" in chapter 6. The logic of the recall process is described below:

- Recall 1 Recall 1 is triggered after at least 10 full months + 1 day have transpired since the member's last T2 exam. Prints a memo to the member and records the print date as Recall 1 date.
- Recall 2 is triggered after at least 11 full months + 1 day have transpired since the member's last T2 exam, provided that Recall 1 date is in the database and that at least 25 days have transpired since Recall 1. Prints a memo to the member and records the print date as Recall 2 date.
- Recall 3 is triggered after at least 12 full months + 1 day have transpired since the member's last T2 exam, provided that Recall 2 date is in the database and that at least 25 days have transpired since Recall 2. Prints a letter to the member and records the print date as Recall 3 date.
- Recall 4 is triggered after at least 13 full months + 1 day have transpired since the member's last T2 exam, provided that Recall 3 date is in the database and that at least 25 days have transpired since Recall 3. Prints the letter to the member's superior (i.e., Curriculum Officer for students or to Activity POC for non-students) and records the print date as Recall 4 date.

Example recall letters 1 through 4 are shown in Figures 11 through 14 on the following three pages. Note that the text of Recall 4 indicates that Recall 3 is included as an enclosure. Thus, when routing Recall 4 letters a copy of Recall 3 should be attached. Copies of recall letters can be made by printing from double-copy paper, or alternatively, Xerox copies of just letters 3 and 4 can be made before routing them. The volume of these two letters is historically very low.

1 December 1991

MEMORANDUM (First Reminder)

From: Director, Branch Dental Clinic, Monterey

ENS Dandelion Wine, USN, 023-12-3122, NPS STUDENT (SMC 1002)

Subj: ANNUAL DENTAL EXAMINATION

Ref:

(a) SECNAVINST 6600.1C

(b) AR 40-35 (c) AF MAN 30-130

(d) COMDITINST M6000.18

- 1. References (a) through (d) require that all personnel receive an annual dental examination. Your record indicates that you will be due for an examination next month.
- 2. Please schedule an appointment with the Dental Clinic in person or by calling 646-2477/2478 at your earliest convenience.
- If you have had a dental exam within the past 90 days, please contact the dental clinic so that we may update your record. If you have already made an appointment, please disregard this notice.

R. C. TERHUNE

Figure 11. Example Recall 1 memorandum.

1 December 1991

MEMORANDUM (Second Reminder)

From: Director, Branch Dental Clinic, Monterey
To: LCDR Robert O. Bloch, USN, 076-35-3746, NPS STUDENT (SMC 1230)

Subj: ANNUAL DENTAL EXAMINATION

Ref:

- (a) SECNAVINST 6600.1C
- (b) AR 40-35 (c) AF MAN 30-130
- (d) COMDTINST M6000.1B
- 1. References (a) through (d) require that all personnel receive an annual dental examination. Your record indicates that you will be due for an examination this month.
- 2. Please schedule an appointment with the Dental Clinic in person or by calling 646-2477/2478 within 10 days of receiving this notice.
- 3. If you have had a dental exam within the past 90 days, please contact the dental clinic so that we may update your record. If you have already made an appointment, please disregard this notice.

R. C. TERHUNE

Figure 12. Example Recall 2 memorandum.

#### BRANCH DENTAL CLINIC NAVAL POSTGRADUATE SCHOOL MONTEREY, CA 93943-5100

1 December 1991

From: Director, Branch Dental Clinic, Monterey
To: LT Antoine R. Andrews, USN, 012-12-1212, NDCLB

Subj: ANNUAL DENTAL EXAMINATION DELINQUENCY NOTIFICATION

(a) SECNAVINST 6600.1C Ref:

(b) AR 40-35 (c) AF MAN 30-130

(d) COMDTINST M6000.1B

- 1. References (a) through (d) require that all active duty military personnel receive a comprehensive dental examination at least once each 12 months.
- 2. A review of your dental record indicates that your last dental examination was conducted in November, 1990.
- 3. This facility attempts to assist each member by sending out computerized reminders when their annual examination is due. This was done in your case on 1 October, 1991 and 2 November, 1991 and you failed to respond.
- 4. It is my responsibility to ensure adherence to the provisions of the references. I am therefore informing you that your annual dental examination must be accomplished prior to 1 January, 1992. Failure to comply will result in further action.
- You may schedule an examination in person or by calling extension 2477/ 2478. If you have already made an appointment, please call to confirm it.

R. C. TERHUNE

Figure 13. Example Recall 3 letter.

#### BRANCH DENTAL CLINIC NAVAL POSTGRADUATE SCHOOL MONTEREY, CA 93943-5100

1 December 1991

From: Director, Branch Dental Clinic, Monterey

To: Curriculum Officer, Operations Analysis (Code 30)

Subj: MAJOR Larry B. Herman, USAF, 256-98-6582

Encl: (1) Copy of my ltr dtd 1 November, 1991

(a) SECNAVINST 6600.1C Ref:

(b) AR 40-35

(c) AF MAN 30-130

(d) COMDTINST M6000.1B

- 1. Per references (a) through (d), all active duty military personnel are required to have an annual dental examination. The Branch Dental Clinic, Naval Postgraduate School, contacts individuals requiring examination by sending them a recall notice via the mail. Dental records of personnel that do not respond and exceed the one year limit are marked accordingly and then another recall notice is sent.
- 2. MAJOR Herman was sent both recall notices and after failing to respond was sent enclosure (1). He/She once again has failed to respond and I must now assume that he/she does not intend to comply with the references.
- 3. It is requested that MAJOR Herman be appropriately counseled and directed to call extension 2477/2478 to schedule his/her annual dental examination. If you have any questions please feel free to call me at any time.

R. C. TERHUNE

Figure 14. Example Recall 4 letter.

## **Printing recall lists**

Select "pRint most recent recall list" from the Recalls Menu. This option lists (to the printer only) the most recent recall letter information. (The same information is listed to the screen during the printing of the recall letters.) Use this option in the event of a printer malfunction when printing recall letters to compare physical letters against what the program "thinks" it printed. Popup options are presented to select which listing to print. Figure 15 depicts an example listing of Recall 3.

SSN 	Last Name	First Name	IM _	Last T2
012-12-1212	Andrews	Antoine	R	07/14/90
089-64-3585	Morrison	Larry	R	02/17/89
123-92-9292	Alexander	Hamilton	A	07/12/90
133-21-3838	Zamfir	Jonathan	L	07/12/90
145-89-4509	Lane	Lois	A	04/12/90
149-34-9321	Connors	Jimmy	P	06/14/89
234-58-9234	Delbert	Arnold		07/12/90
282-38-2881	Cricket	Jiminy		07/28/9
283-82-3843	Dean	Larry	X	07/30/9
336-29-3121	Maples	Veronica	s	12/25/89
342-34-5245	Tillerman	Teaforthe		09/01/9
345-21 <del>-6</del> 587	Rogers	Maybelle	T	12/11/89
345-92-0394	Newman	Alfred	E	04/21/9
383-83-8383	Name	New		07/12/9
408-45-9084	Stevenson	Robert	L	04/21/8
427-84-8320	Diller	Phyllis		02/19/9
489-43-8438	Bell	Dabney		08/12/9
494-59-3493	Dillo	Arma	A	07/12/9
•	•	•	•	•
•	•	•	•	•
•		•		•

Figure 15. Example listing of Recall 3.

## Viewing/editing recall dates

The "View/edit recall dates" option of the Recalls Menu provides a means for viewing recall letter dates for multiple records and for accessing individual records for recall letter date editing. This facility should be used in conjunction with the previously discussed recall listings in the event of a printer malfunction when printing recall letters. The sub-menu options of the View Recalls screen shown in Figure 16 are the same as the like-named options discussed in Chapter 3 for the Delete/view screen. Since recall dates are a subset of the fields in the Members database, records can not be deleted using View Recalls.

(Pi) for help		VIEW RECALL DATES		И1/2 <u>8/92</u> 12:ИИ:ИИ а		
18 11 12 13 14 15 16	023-12-3122 039-39-2828 076-35-3746 083-82-7827	LAST NAME, PI- Herman, E Miserables, L Andrews, A Adams, J Harcos, I Vine, D Lincoln, H Bloch, R Hathews, H Horrison, L Hastroiani, H Laverne, S Doherty, J Hadison, J Alexander, H Zamfir, J Sullivan, H Hears, R	RECALL_1 11/01/98 07/03/91 07/18/98 18/04/91 18/16/98 05/16/98 05/18/91 05/16/91 06/12/91	RECALL 2 12/02/90 10/04/91 08/18/90 10/04/91 10/12/91 10/12/91 10/12/91 87/12/91	81/18/91 89/18/98    87/19/91	RECALL 4 18/12/91 18/12/91 18/84/91 18/84/91

Figure 16. View Recalls screen.

As discussed previously, the purpose of editing recall letter dates is to enable PTARS to print a replacement recall letter. If a recall letter date is present for a given recall letter, the program will only be able to print the next letter when the eligibility date for the next recall letter arrives. To reprint a letter, the recall letter date must be deleted and there must not be a subsequent recall letter date present. If this sounds confusing, reread the previous coverage of "Printing Recalls".

To edit a member's recall dates, press {E}. The current row of the display will be highlighted and placed into edit mode. Use normal editing and movement keys to edit the date(s). Note that edited dates are checked for chronological consistency as well as general date validity (i.e., can not be later than the current date, must have a prior recall, can not be missing a recall between recalls, values must be chronologically correct for existent recalls).

# Reports

This chapter discusses the various reports available in PTARS and provides several example figures to preview the look of the reports. The Reports Menu, shown in Figure 17, is accessed from the Main Menu by pressing {P}. The Operational Readiness Report is available to both the screen and the printer. The other reports (rosters) are sent to the printer only.

	was the second of the second o	И1/28/92 12:ИИ:ИИ an
PTARS	REPORTS MENU	
<pi> for help (Alt+Pi&gt; for functions)</pi>	8. Exit to main menu 1. Operational readiness 2. Hembers (all) 3. members by Class 4. members by UIC (all) 5. members by Pano status 6. Activities 7. curriculums	•
	- select : -	
		•

Figure 17. Reports Menu.

## **Operational readiness**

The Operational Readiness Report provides counts and percentages of members in each of the dental CLASS categories. The report is initially displayed to the screen and you are given the option of printing it. Operational Readiness is defined as the percentage of all members served by the clinic who are classified as CLASS 1 or 2. As can be seen in Figure 18, the Operational Readiness percentage is a simple summation of the CLASS 1 and CLASS 2 percentages.

		DENTAL CLINI TIONAL READIN All Membe	ESS REPORT	January	28,1992
CLASS CATEGORY:	Class 1	Class 2	Class 3	Class 4	TOTAL
MEMBER COUNT:	1152	566	111	91	1928
PERCENT OF TOTAL:	68x	29×	5.8×	4.7%	19 <b>0</b> ×
PANO CATEGIAY:		Red	Yellou	<del>,                                    </del>	TOTAL
PANO COUNT:	1853	21	46	er George	1926
PERCENT OF TOTAL:	97x:	1.1x	1.9x		196
		Print this re	port? (y/m)		

Figure 18. Operational Readiness Report to screen.

Also included in the report are counts and percentages of members whose Pano X-rays are in a given status. Three Pano status categories exist and are designated by standard color designations:

GRN (Green)	Pano is accepted and on-file
RED	Pano has been duplicated and forwarded
YLW (Yellow)	Pano is not on-file and has not been duplicated and forwarded

#### Rosters

The remaining reports available from the Reports Menu are basically rosters sorted on various fields of interest. After selecting any of the Members reports a popup will offer a selection of whether to list members by SSN or alphabetically. If printing Members by dental CLASS, a popup will allow selection of a specific CLASS or all members. If printing Members by Pano status, a popup will allow selection of a specific status or all members. Figure 19 provides an example roster of Members listed by SSN that could be printed by selecting option 2, "Members (all)", from the Reports Menu.

Selections 6 and 7 from the Reports Menu print complete rosters of the Activities and the Curriculums contained in their respective PTARS databases.

Periodic comparison of Member rosters against data from both PSD and the Registrar will help keep member data up-to-date. Current listings of the Curriculums at NPS should also be obtained from the Registrar so that the Curriculum database can be kept up-to-date.

OR OFFICIAL		RANCH DENTAL CLI Member Listir		REY		Ja	nuary 2	8, 1997
SSN	NAME	RANK	SERVICE BRANCH	UIC	SMC/ CODE	LAST T2 EXAM	CLASS	PANO STATUS
000-00-0002	Merman, Ethel	LT	USN	63134	1000	03/21/89	4	GRN
001-00-0003		LT	USN	45210		03/21/91	1	GRN
012-12-1212		LT	USN	35728		07/14/90	4	GRN
012-93-8475		ENS	USN	31405	1280	07/12/89	4	YLW
022-20-0000		CAPT	USA	TRAC		09/12/91	1	RED
023-12-3122		ENS	USN	31405	1002		4	GRN
039-39-2828		ENS	USN	31405		11/17/90	4	GRN
076-35-3746		LCDR	USN	31405	1230		4	YLW
083-82-7827		LTJG	USN	35728		04/12/91	1	YLW
089-64-3585		LTJG	USN	31405	1343	02/17/89	4	RED
102-20-0000			USN	31405	2030	09/12/91	1	GRN
109-28-3746	Laverne, Shirley	DT2	USN	35728		07/30/91	4	GRN
123-45-6789		LT	USN	31405	1001	11/21/90	4	GRN
•	•	•	•	•	•	•		
•	•	•	•	•	•	•	•	•
568-46-4321	leboes Faile T	VA.7		43073	•	04 107 104	:	GRN
		YN3	USN		477/	06/03/91	,	
571-56-3636 574-84-3823		ENS	USN	31405	1776	07/12/90	4	GRN
2/4-04-3823	Than, Smaller X.	LCDR	USN	31405	2312	07/12/ <u>9</u> 1	1	GRN
							D-	ge: X

Figure 19. Members (all) roster sorted by SSN.

# **Utilities**

This Chapter explains the various utilities included with PTARS that support proper maintenance of the databases. The Utilities Menu is accessed by pressing {u} from the Main Menu and is shown in Figure 20.

It contains the following sections:

- Backup utilities
- Changing the password
- Packing the database(s)
- Changing the date or time
- Selecting the default printer

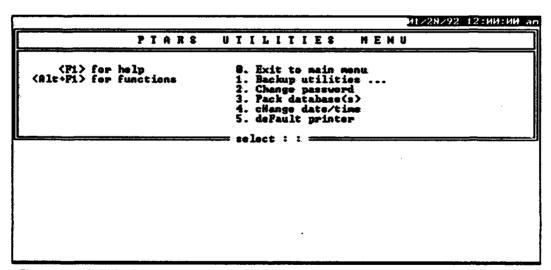


Figure 20. Utilities Menu.

# **Backup utilities**

The backup utilities are a collection of utilities related to backing-up and restoring the four database files MEMBERS.DBF, ACTIVITY.DBF, CURRICUL.DBF, and DIRECTOR.DBF. The Backup Utilities Menu, shown in Figure 21, is accessed from the Utilities Menu by pressing {B}. Each of the menu selections will be discussed in the sub-sections below.

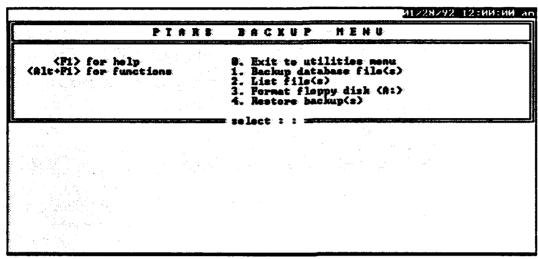


Figure 21. Backup Utilities Menu.

#### Backing-up database(s)

When you first select Backup, a popup will appear allowing you to select whether you want to back-up to the hard disk or the floppy disk in drive A. Next, another popup appears to let you select which database file(s) (i.e., MEMBERS.DBF, ACTIVITY.DBF, CURRICUL.DBF, DIRECTOR.DBF, or all) to back-up. Once your selection is made, Backup copies the selected file(s) to the destination drive. Backing-up to a floppy keeps a reserve copy of the data that can be restored in case something happens to the computer, hard disk, or the data. Backing-up to the hard disk is convenient for short-term backups, but is not sufficient for best reliability. Note that the PTARS program presents the option to back-up the databases to the hard disk prior to quitting a session.

Your data should be backed up to a floppy disk weekly and immediately following input or editing sessions involving many records. It is a good idea to keep two or three backup floppies in rotation—writing over the oldest backup each time. Always label your backups to floppy disk with the file names and their creation dates. This will help you to identify your backups later if you need to restore them. Hint: use a pencil to label your backups; you can use several floppy disks over and over again by erasing and writing the new information.

Remember, there is only one way to ensure the safety of your data: rigorous adherence to a regular program of backing-up.

#### Listing files

A popup menu allows selecting the hard disk PTARS subdirectory or floppy disk A: for listing files. Either just database files can be displayed or all files can be displayed. When database files are displayed the following information is included: file name, number of records, last update, file size, total bytes in database files, and bytes remaining on the drive. When all files are displayed, file names are listed and total bytes used in the files and bytes remaining on the drive are presented.

This utility is useful for identifying files that might already exist on a diskette that will be used for backups.

#### Formatting a floppy disk

Formats a 360Kbyte or a 1.2Mbyte floppy disk (5 ¼") placed in drive A. A popup presents three options:

360K -> 360K	Formats from a 360K capacity drive to a 360K floppy
1.2M -> 360K	Formats from a 1.2M capacity drive to a 360K floppy
1.2M -> 1.2M	Formats from a 1.2M capacity drive to a 1.2M floppy

The first number indicates the actual drive-type. For example, your machine may only be capable of formatting 360K floppy disks, as in the first option. The second number indicates the floppy disk formatted capacity. A new floppy disk must be formatted so that the Disk Operating System (DOS) can read and write data to it.

#### Restoring backup(s)

When you select "Restore backup(s)", a popup enables selectively replacing database file(s) with backups from the hard disk or a floppy disk.

At the end of every session with PTARS you are presented with the option to backup the databases to the hard disk. If you choose to do so, four backup database files, MEM BU.DBF, ACT BU.DBF, CUR BU.DBF, and DIR BU.DBF are created in the PTARS subdirectory of your hard drive. These files can be restored (either singly or together) to MEMBERS.DBF, ACTIVITY.DBF, CURRICUL.DBF, and DIREC-TOR.DBF, respectively. The restored backups overwrite the current database file(s).

Note that backing-up to the hard drive does not protect your data from hard drive or computer failure since the backups reside on the same machine as the original data. The feature is useful, however, if your original data becomes corrupted for some reason but your backups are still OK. In addition, it may be useful in the event you have experienced a printer malfunction (e.g., your printer ribbon gave up the ghost) and you have many unusable recall letters. Rather than editing recall dates and printing again,

it may be advantageous to restore the backup of MEMBERS.DBF (which PTARS always makes before printing recalls) and start over.

A final method of restoring any database is to manually copy the file using DOS commands. This method should never be necessary since the capability is built into PTARS. If for some reason you should need to manually restore a \*.DBF file, be sure that any like-named compound index file (\*.CDX) is erased (e.g., from the DOS prompt: del c:\ptars\members.cdx) This is because a unique index file is created and updated by TARS for each database. If the index file does not "belong" to the specific version of a database, PTARS will not perform properly and will give an error notification.

### Changing the password

You can change the current password to a new password (it must have 6 characters). Make sure that you remember the new password. If you ever forget your new password, copy the file NPS\_MISC.DBF from disk 3 of your backup copies of the installation disks to the sub-directory \PTARS (e.g., copy a:\nps\_misc.dbf c:\ptars). The original password is "zyxabc". This default password should be changed immediately after you install PTARS. (If you can read it here, so can someone else.) Note that the password is encrypted in the file NPS\_MISC.DBF and cannot be deciphered if it is forgotten.

Figure 22 shows the screen for changing the password. As you type your new password, a dot will appear for each character typed. As shown in the figure, to verify that you typed what you thought you typed, PTARS prompts for a second entry of your new password. If the two entries do not match, the password change will be aborted.

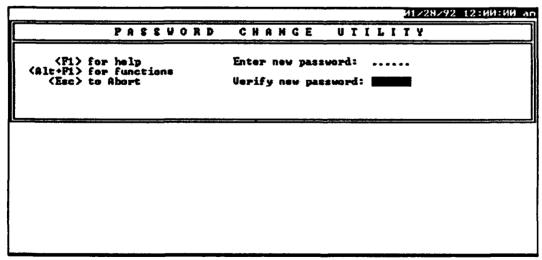


Figure 22. Password change screen.

For effective security it is a good idea to periodically change your password. If an unauthorized individual inadvertently (or even deliberately) changes or damages your data, it could be a catastrophe. Regarding security, just think about having to re-enter over 1900 records!

## Packing the database(s)

Packing the database(s) permanently deletes records "marked" for deletion from one or all of the three primary databases: MEMBERS.DBF, ACTIVITY.DBF, and CURRI-CUL.DBF. It also physically sorts the databases. MEMBERS.DBF is sorted in ascending order by SSN; ACTIVITY.DBF is sorted in ascending order by UIC; and CURRICUL.DBF is sorted in ascending order by curriculum number. Packing improves the performance of PTARS by reducing the physical size of the database(s) and reorders the records by the primary key. Note that the effects of packing are not "undoable". An informational prompt will appear upon quitting a session when 10% or more of the MEMBER.DBF records are marked for deletion. You should heed the prompt and pack the database (unless you have some good reason not to).

## Changing the date or time

After selecting the "Change date or time" option a popup for selecting which to change (date or time) appears. After your selection is made you are prompted to enter the date or time using the example format shown on the screen. The system date or time can also be changed when starting the PTARS program. As part of the opening screen routine the user is prompted to verify the system date and time. If the system date or time displayed is incorrect, enter the correct date or time using the example format shown on the screen.

# Selecting the default printer

You should select the default printer before printing anything from PTARS for the first time. After choosing this option from the Utilities Menu, PTARS pops-up two common printer emulations for dot matrix printers: (1) Epson E/F/J/RX/LQ emulation and (2) IBM Proprinter emulation. The emulation you select becomes the default for all subsequent sessions. The Epson emulation is supported by the majority of 9 pin dot matrix printers and PTARS uses it as the initial default. The default printer identifier is stored in a field in the NPS\_MISC.DBF file.



# Optimizing PTARS

This appendix identifies several ways that you can optimize the performance of PTARS if you have certain hardware or software capabilities. It contains the following sections:

- Disk defrag/compress
- Memory
- Config.sys
- Pack the database(s)

## Disk defrag/compress

The performance of PTARS can be significantly improved if a disk defragment/compression procedure is performed on your hard drive periodically. Over time the database files will become fragmented as records are appended, edited and deleted. This slows down disk reads and writes since each file is no longer one contiguous piece; files can become many pieces scattered all over the disk. Defragment/compression utilities are available commercially.

# Memory

PTARS will take advantage of all types of computer memory. If your computer is configured correctly, PTARS' performance will be enhanced. Note that if you change your computer's memory configuration or add a disk cache program, you must reinstall PTARS so that it operates optimally.

Personal Computers (PC)s can contain three types of memory: conventional, expanded and extended.

#### **Conventional Memory**

All PCs can contain conventional memory (up to 640K). This is the memory that programs typically load into and run in. PTARS requires that you have at least 512K of conventional memory with at least 420K of it free after memory resident programs have been loaded. A minimum of 640K is strongly recommended.

#### **Expanded Memory**

The 8086 family of microprocessors have a physical address space of 1024K, or 1MB. The first 640K is the conventional memory space discussed above. The remaining 384K is reserved for use by read-only memory (RAM) and hardware device controllers. Also, within this area of memory, a 64K block can be reserved for use by an expanded memory manager which conforms to the Lotus/Intel/Microsoft interface specification (a LIM EMS Memory Manager).

The Expanded Memory Manager (EMM) administers expanded memory as a system resource that can be used by several applications at the same time and services EMS function calls. EMS memory is bank-switched memory that can be larger than the CPU's address space that is mapped into conventional memory via the EMS page frame.

On machines with expanded memory that is LIM 4.0 EMS compatible, PTARS uses the first 64K of expanded memory as "general purpose" memory and any remaining expanded memory to speed file I/O and to cache PTARS code segments.

To check how much EMS is currently being used by PTARS, look in the "About PTARS" box (by pressing <F4> or <Alt+F1>).

If you run on an 80386 or 80486 you're in luck! There are many inexpensive programs that use extended memory to emulate EMS, such as QEMM from Quarterdeck and 386MAX from Qualitas. MS-DOS 5.0 includes EMM386. On a 386 always use QEMM, 386Max, or other expanded memory managers. You'll be glad you did!

If you use a non-80386 processor you have several options. First, you could invest in an EMS board. These pieces of hardware, which usually work with both 8086/88 and 80286 processors, include substantial amounts of memory together with driver programs which provide the software interface to the board.

#### **Extended Memory**

Extended memory is memory that lies above the 1MB address range. It can be used directly by some operating systems (OS/2 and UNIX), but standard DOS cannot address it without the use of an Extended Memory Specification (XMS) driver, an interface that allows access to memory beyond 640K. Applications using this address space must be running in protected mode.

Extended memory cannot be used directly by PTARS until it is made to act like EMS. How you make extended memory act like expanded memory is dependent on your system, but typically you install a memory manager -- software that provides an EMS style (LIM 4.0) interface to extended memory. Once the extended memory is emulating EMS memory, PTARS will sense that it is there and make good use of it.

### Config.sys

The system configuration file, CONFIG.SYS, contains certain commands that are checked and executed when you start up your computer. These commands change your computer's default configuration.

CONFIG.SYS is not a PTARS file. It's a file that DOS uses to establish the working environment. Because PTARS interacts with this environment, you must be sure that certain settings are properly established. Two CONFIG.SYS statements are of immediate importance to PTARS:

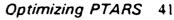
**BUFFERS** The BUFFERS statement contains the number of disk buffers that DOS sets aside in memory when your computer is started. A disk buffer is a block of memory (typically 512 bytes) that DOS uses to hold data when reading and writing from disk. For best performance with PTARS, the CONFIG.SYS file should contain a BUFFERS statement with a number between 20 and 40 (e.g., BUFFERS=30).

FILES The FILES statement sets the number of files that DOS can open and access at one time. This number is directly related to the number of files that PTARS will be able to open. The FILES statement in CONFIG.SYS should always be at least 25 (e.g., FILES = 25).

See your DOS manual for complete details on the CONFIG.SYS file and the various statements it can .ain.

# Pack the database(s)

Packing the databases is covered in Chapter 6.



# File definitions

The files listed below (with their definitions) are installed by Setup into the "\PTARS" hard disk subdirectory. These files are essential to the operation of PTARS. Three of the files, FOXPRO.ESL, FOXPRO.ESO, and PTAR.EXE are in compressed form on the installation disks and will not work if copied directly from the floppy disk to your hard drive. All of the other files installed by PTARS are in normal form on the installation disks.

#### PTARS files

CONFIG.FP resource pointer file FOXPRO.ESL database routines library FOXPRO.ESO database routines library

extended memory (512K req'd) disk cache utility CACHE.COM

NPS\_MISC.DBF contains encrypted password, default printer, backup date

NPS USER.DBF contains configuration information

NPS USER.FPT memo file for configuration information PTAR.EXE PTARS executable program

PTARS.COM PTARS loader program

#### NPSDC database files

contains UIC information ACTIVITY.DBF

**CURRICUL.DBF** contains student Curriculum information DIRECTOR DBF contains current Director signature name

**MEMBERS.DBF** contains Member information

The following files are created during the operation of PTARS and may or may not be present at any given time:

ACTIVITY.CDX	compound index file for ACTIVITY.DBF
CURRICUL.CDX	compound index file for CURRICUL.DBF
MEMBERS.CDX	compound index file for MEMBERS.DBF
ACT_BU.DBF	hard disk backup of ACTIVITY.DBF
CUR_BU.DBF	hard disk backup of CURRICUL.DBF
DIR_BU.DBF	hard disk backup of DIRECTOR.DBF
MEM_BU.DBF	hard disk backup of MEMBERS.DBF

most recent listing of members receiving recall 1 letter
most recent listing of members receiving recall 2 letter
most recent listing of members receiving recall 3 letter
most recent listing of members receiving recall 4 letter
previous listing of members receiving recall 1 letter
previous listing of members receiving recall 2 letter
previous listing of members receiving recall 3 letter
previous listing of members receiving recall 4 letter
PTARS environment file
PTARS environment file



# Database specifications

## Members.dbf

Field-name	<b>Type</b>	Length	<u>Usage</u>
KZZ	Character	11	Social Security Number unique, mandatory, key field
LAST NAME	Character	23	Last Name mandatory
FIRST NAME	Character	15	First Name mandatory
'MI	Character	1	Middle Initial if available
RANK RATE	Character	5	Rank or Rate mendatory
BRANCH	Character	4	Service Branch mandatory, popup list
LAST TZ	Date	8	Last-T2-Exam date mandatory
CLASŠ	Numeric	1	Dental Class mandatory, range (1 - 4), PTARS updated
PANO	Character	3	Pano X-ray status mandatory, popup list
UIC	Character	5	Unit Identification Code mandatory, popup list, linked with ACTIVITY.DBF (used in "To:" line of recall letters to students)
CURR_NUM	Character	3	Curriculum Number mandatory for UIC 31405, popup list, linked with CURRICUL.DBF
SHC/CODE	Character	4	Student Mail Center number/Department Code if available (used in "To:" line of recall letters)
RECALL 1	Date	8	Recall 1 letter date PTARS created, editable
RECALL_2	Date	8	Recall 2 letter date PTARS created, editable
RECALL_3	Date	8	Recall 3 letter date PTARS created, editable
RECALL_4	Date	8	Recall 4 letter date PTARS created, editable

# Activity.dbf

Field-name	<b>Type</b>	Length	<u>Usage</u>
UIC	Character	5	Unit Identification Code unique, mandatory, key field
ACRONYM	Character	11	Acronym for UIC mendatory (used in MTo: M line of recall letters 1 - 3)
ACT_NAME	Character	47	UIC Name mandatory (used in "To:" line of recall 4 letter)
POC	Character	20	UIC Point of Contact mandatory (used in "To:" line of

# Curricul.dbf-

Field-name	<u>Type</u>	Length	Usage
CURR_NUM	Character	3	Curriculum Number unique, mendatory, key field
CURR_NAME	Character	46	Curriculum Name mandatory (used in "To:" line of recall 4 letter applicable to students)
DEPT_CODE	Character	2	Department Code of Curriculum mandatory (used in "To:" line of recall 4 letter applicable to students)
PHONE_NO	Character	4	Curriculum Office Phone Number mandatory

## Director.dbf

<u>Field-name</u>	<u>Type</u>	<b>Length</b>	<u>Usage</u>
DIRECTOR	Character	20	Director signature mandatory (format as per signature line of recall letters)
			tine or recall letters)



## APPENDIX D: RELATION DEFINITIONS

## **MEMBER**

<u>Item</u>	Type	Length
SSN	Character	11
Last-name	Character	23
First-name	Character	15
MI	Character	1
Rank_rate	Character	5
Branch	Character	4
Last_T2	Date	. 8
Class	Numeric	1
Pano	Character	3
UIC	Character	5
Curr-num	Character	3
SMC/Code	Character	4
Recall_1	Date	8
Recall_2	Date	8
Recall_3	Date	8
Recall_4	Date	· 8

#### **ACTIVITY**

<u>Item</u>	<u>Type</u>	<u>Length</u>
UIC	Character	5
Acronym	Character	11
Act-name	Character	47
POC	Character	20

## **CURRICULUM**

<u>Item</u>	<u>Type</u>	Length
Curr-num	Character	3
Curr-name	Character	46 -
Dept_code	Character	2
Phone_no	Character	4

## APPENDIX E: PROGRAM CODE

CONTECTUS   Corresponding   Contended   Contended
Grocedure   In C. V PARS VMT   PROC. PRO.

11EL187.DOC 1 of 1

System: MPSEC PATIDAT TRACKING & SECALL SYSION Achieve, LCBE Timestay P. Skemle, MEC. USA Actions and American	MARY LANCE, PRIC. 242 3131	
Tains Cress-flater ente Report	B015F.AY Grocedura in 1475_8904.PNG) · 1475_880A.PNG 2971 380	ı R
401 takama ara includad in this resort. Legand for centest symbols:	BRANCH INSTANCE, PMG 235 258 259 240 241 242 243 244 INSTANCE, PMG 1124 1134 1414 INSTANCE, PMG 283	3
thind; reference does not things the unitable or field value.  • variable or field is thinged in an assignment statement.  • PRECEDING or FUNCTION statement.	GINVEL 1409	C.D.48, CTP INT., MCPO, PMG 39
n vorieble i s released. A princip i section of the control of the	(procedure in MPL, BU, PRG) 61 100 400-	
r verable is externed rum.ic. P told is replaced U detable is used	FM6 187 310x 348 379 382 3896 393 404	CLAS JAN CALAS J
V variable is declared PRIVATE.  6 variable is referenced in a acco-takes precedence ever all others.  7 reference is ed unitoom type.	÷	CLAS. SEU 1876, JRFO, PRG 41
File types appear mant to takens that are used so file names. Some of these takens any also be used in other ways.	34V 340 72 174V 1940- 199 203- 204 208- 209 212- 213 249 271- 272 240- 281 281- 284 392- 285	
ABOUT (erecobare in MPS PROC.PMG) 1955C-PMG 212 1975C-PMG 1791 183 184 235 2374 314	256 503 204 205 207 327 326 517 341 37 364 547 350 351 6600 682 683 666 647 64 611 694 685 699 703 704 707 710 711 715 722 723 725 725 726 727 739 743 74	
ACADATH WYS.PROC.PRG 1350R WYS.BROW.PRG 132	413 4154 418 4216 426	COL_CHTR APS_INTR.PRG 19V
ACTIVITY (detabase) APS proper per 1453 APS (1453 1454 1454 1454 1454 1454 1454 1454	448 34V 793 802 8048 809 839 854 845 847L (	
	Bu_ALL (PFS_BL_PRG 241 253 3261	
NA. PROC. PRG 10496 1144	BU_BISK NPS_BU_PNG 128V 141= 144= 193 214 267 270 279 282 21	217 210- 218 219
ALTITION AT JAMES AT A MANUAL PARTY A MANU	7 ¥ .	CLUMICAL (databas) 1975-1970.cptc 1991 1975-1970.cptc 13541 1374 137
ACTIVITY.PDC WF1_PROC_PROC_PROG_1147	(precedure to NPS_BU.PRG)	
ACTIVITY UIC 278 278 478-5 776 144 478-5 770. 786 1047 1144	12/1 127 Orocedure 10 272 286 296	MARCHE TO THE
		CARRICLA, CURR MAN WAS PROCEDURE 221 WAS PROCEDURE 1159 1367R
WS BOOK PRS 322	CALENDAR HES, PROC. PRG 777 78	COMPLETE, 687 CODE
10-1-00-00-00-00-00-00-00-00-00-00-00-00	C015FLAY (procedure in MPS_BROH, PNG) (procedure in MPS_BROH, PNG)	COMMICAL PROFESSOR
AD15PLAY (procedure in MPS_BADA.PNG) MPS_BADALPR6 2511 378	55 47 100- 110 111 244 NZ- NX NS-	MPS_PROC.PRG 1046 1142
ALLIAN WY, KINO, PIG. 37	161 362- 362 399- 398 399 599 161 1804 200- 201 202 215 215 229 800	
ALL, SSH WFS, MCPO, PRG 20	20v 134* 135 134 140 140 140	V2 LUMP PROCE PRG 134AR NPS_BROW.PRG 353
AL.1 WF3CC-PMC 213	\$9 121 123 127 132 150 155 90 92 114 118 131 131 134 148	1131 1131
BACAUD UTILS WYS.PROC.PRO. 158	204 214 224 227 232 237 49 51 51 62 62 117 117 121 383 385 387 409 413 421 429 447	121   WFS_ENGINE 1786   1787   WFS_ENGINE   1788   177   WFS_ENGINE   1788   178   WFS_ENGINE   1788   178   WFS_ENGINE   1788   178   WFS_ENGINE   178   WFS_ENGINE
DAMFILE WFF.MCCA.PGG 202+ 2054 2074	450 464 470 480 645 645 94 95 100 100 100 100 100 100 100 100 100 10	100 CLURE, MAT. CPER, PRG 130
MAN1 (procedure in NPS_PRICE_PRICE) NPS_PRICE_PR		
BAA2 (or occident in lafs, PRICL, PRICL) afs; PRICC, PRICL, PRICL)	- 100 MI 177 177 177 19 19 00 OF	07 DATE_TIPE (procedure in NPE_LVIII. PMG) NPS_LVIIIPMG 46 1611 163 166 167 168 171 180x
BAA3 (PRDC, PRG) (PRD 24) 1001	CLASH WPS.OFEH.PRG BA	DMFANEA HPSIOLPNG 57 62 835 305 308 311 314 277 776 779 HPSI PROF PROF ARCA, 487 770 703 704 714 7445 343 774 779
	Year of 7	10 101 101 101 101 101 100 100 100 100

HEVERS LAST 72 APR PRICE PAST LOSSE		REMBERS, PAND IPS_PROC.PNG 16346	NEWBERS MARK, MATER NEWBERS MECKAL. NEWBERS MECKAL. NEWBERS MECKAL.	MPT_MECA.PRS 99 METMEDIS.MECALL_2 MPT_MECA.PRS 10536			NETWENTS, SHC NFS_PROC. PRG 10446 10486	NETHERRESSEN	10356 1036	##50C.PMG 2999 329- 330 331 342 353- 354 344   ##50C.PMG 2999 329- 339 43   ##50C.PMG 299 43	,,,,,	204 - 207		M	MISSING DBF  MFS_OFEN.PRS 43V SQ= 40 65= 67 104= 104 120= 122 :: 137 238 245 244 243	M.AST_WWE WFSC.PMG 67 74 WF_PROC.PMG 813* 8156 821 1122* 12016 1202 1322	MLAST_12 WESC:PMS 48 79 WES_PMSC:PMS 1127* 12136 12136 1214 1217	HP15DC.PMG 67 74 HP2_PMDC.PMG 1124+ 12076 1324	<b>3</b>		MPSDC,PNG 48 75 MPL_PNDC,PNG 1129+ 1218G 1218G 1329 1432 1432 1435-1434G
143 147 190	MATH. HIBSA Generalization of MPSDC. PMS) WFSDC. PMS B9 2951	MENUTE	1990 1475.C.P15 47 54- 1475.BJ.P16 775 799- 668-	PECLASS 64 78 1216 1328 PR PS PROCEPT STATE 1216 1328 PROCEPT STATE 1216 1328 PROCEPT STATE 1216 1328 PROCEPT STATE STATE PROCEPT STATE ST		FEXITYAND2  NFS_REPO.PRG 27V 31 79 01 00	8 ; # ;	i i	MFS_MEPO_PMS 26U 30 73 77 62 86 MCOART2 MFS_MEPO_PMS 26V 30 74 77 63 86	264 36 33 77 95	72 77 77 146 1200 1348	69 75 1131- 12406 12406 1331 (\$11- 1\$126	190	HTSC.FRC 124 134 136 940 8796 880 883 884 1159 1347 185 185 185 185 185 185 185 185 185 185	MDEPT CODE MPSIC: PNG 72 77 MPSIC: PNGC: PNG 1161 12026 1349	212V 215- 227G 228 230	MEMBERS   GAS tabase    MEMBERS   GAS tabase    MEMBERS   GAS tabase    MEMBERS   GAS   GAS   GAS   MEMBERS   MEMBERS   GAS   GAS	10316	MFS_PROC.PRG 1033G NFS_PROC.PRG 1043G NFS_PROC.PRG 1043G	HES_PROCI.PRIG 10286	METHIGDS.LAST LANTE WPS_PRIOC.PRIG 1027G
SAMOOF DAY DAY OF SAMOOF DAY			ICE 95 TROUCES  INFO PROC. PROC. 1870 - 201 - 215 - 227  INFO PROC. PROC. 1870 - 41- 88 - 114  INFO PROC. PROC. 234V - 343- 343 - 409	AZT.	LASTREC INTROC.PMG 89 64 122 INTROC.PMG 710+ INTRO CREW PMG 51		M-5 (ML) PMS 47 15 15 15 15 15 15 15 15 15 15 15 15 15	LASTREGAMP NPS_PROC.PR6 SB0 SB5 SBB 408 619 628	LAST NAME NOS PROC. PASS 1122 1122 NOS PROC. PASS 1122 NOS PR	i šai		133V Gerocedure In 107 116 126	C15TRECS LISTRECS WPS. INCOL. PIG. 253 254 281 283 286 289 300 322 324 337	502 503 522	187 187 288 340 189 189 189 189 227 220 233 239 188 188 188 189 288 340 188 188 189 288 340 188 188 188 188 188 188 188 188 188 18	(precedure in MPS_BU.PNG) 446 446 4821 483 484 487	LIST SELECT (Procedure in NPS BULME) APS IN PMS 59 4501 452 455 456 457 440 470x LSTFILE	NES (REA PRE 2011 2878 2096 NECROSARY SECTION	~ \$5		

ķ

XREF.DOC 3 of 7

en sour																					NP'S BEAV	Grakadera	in MPS_PROC.PRG)	
MS INTR. PAG	Ĭ	Ė	ż	101 -101 -%		\$				NPSDC. PRI		× 9	9	9798	3	3	3	121-121	121		MPS_PROC.PRG	1011 10641		
HPCT_CMT1 MPS_REPO.PNG	Ž	a	ż							NPS_APPE.PRG	.m6 232										HPS_BSTO HPS_PROC.PRG	1104 11411	in HPS_PROC.PRG)	
MPCT_CHT2 NPS_REPO.PRG	ž	a	i							INTOTCOUNT NPS_NEPO.PRG	38. 38.	я 3		2	2	*	2	2			MPS BU	(procedure file)	(1)	
MPCT_CHT3 NPS_NEP0.PNG	2	я	į							NTOTPAND NPS_NCPO.PRG	.PR6 27V	ã ≥	i	•	=	2					PS_0411.P16	Graceder	(procedure in MPS_PROC.PRC)	
IPCT_CHT4 MPS_MEP0.PRG	R	a	Ė							PUIC NPSDC.PRG		*			!		!				199.040X		Grocodure in IPS_APTE.PRE)	
NPCT_OR NPS_AED-O.PRG	2	a	i							NS_APPE.PRE		2 2 2		221 9077	3	2	<b>9</b> /91 -6/91				SAC COME		2281 Grocedure In MPS_UTIL.PRG)	
MPCT_PANDS NPS_MEPO.PRG	ž	n								MUICE MPSDC. PRO		2			į	į		;	!		300,011		Corncedure in MPS_RECA.PRG)	
MPCT_PANO2 NPS_NEPO.PNG	ž	n	i							NPS_PROC.PRG NPS_APPE.PRG NPS_EDIT.PRG			<u> </u>	8	5	*	E	*	3		NPS_MECA.PRG		SSO! Gracedure in 1875_PROC.PRG)	
MPS. MEPO. PRG	ž	n	Ė							INGRIFY NPS_UTIL.PRG	V945 299V	# # 2	ž.	ž	3	371					MPS_CSAV	tios 13411 (procedure in MPS_PROC.PRC)	1A 1875_PROC. PRG)	
MPDOK. NO MPSOC. PIK NPS. PROC. PIK	2 3	77 12836 13	1370							WS.OFN.P6	38.	-									10°5, CST0	Oracedure 1108 11561	Gracedure in MPS_PROC.PRG) 11561	
100 100 100 100 100 100 100 100 100 100		76	77.71	1351						NDICHOICE NPS_PROC.PRG NPS_EDIT_PRG	.MG 761	. Z	<u>:</u> "	¥ 2	Ė	Ė					MPS_ED17 MPSDC.PMS	Gracedure file)		
NPS APPE PRE				i						NDIORDER NPSDC.PMG NPS_PROC.PRG		aş				736 786	Š	22			NPS FILE NPSOC.PRG NPS_PROC.PRG	Grocedure 149 7221	(procedure in MPS_PROC.PRG)	
MPSOC. PAS NPS. PROC. PAS NPS. RECA. PAS NPS. REPO. PAS	\$ \frac{2}{3} &	- 12 M	, iii	7	ž	250	98 78	2	301	. \$			<b>1</b>	20 62							NPS FORMS NPS PROC.PS NPS APPE.PS	-	procedure in MPS_PROC.PRG) 932	
PETATON MPSDC. PRE MPS. RECA. PRE	289	223	8	7 (%	£	÷				MONELATE: MPSDC.PRG MPS_OPEN.PRG	PRG 155	r ;									NPS_FORM2 NPS_FROC.PRG NPS_EDIT_FRG	(procedure 931.1 43	lerocodure in INTS.PRICE.PRG)	
20 PE		3		187						NORELATE2 NPSDC. PAG NPS_OPEN. PRG		n ğ									NPS FORMS NPS - PROC. PRG NPS - APPE. PRG NPS - ESIT, PRG	972.1 972.1 45.45.45.45.45.45.45.45.45.45.45.45.45.4	(erocedure in MPS_PROC.PRG)	
	1397-	:		1433		101-101	i i	1502	5	3		7	I	2							HPS FORK	Gracedure	Gracedure in MPS_PROC.PRG)	
NPS MECA. PRG NPS MEPO. PRG	ĖĖR	: ::::::::::::::::::::::::::::::::::::			777 777					NPS_OPEN.PRG NPS_UTIL.PRG NPS_BU.PRG	ir:				ż	<u>.</u>					NPS_MOC.PRG NPS_MPE.PRG NPS_EDIT.PRG	Ē÷÷		
45,441.76 45,141.76	ā = ē Ŧ	3	582 <b>\$</b>	2 2 <b>2 1</b>		146 149- 261 274 551- 555	: ::	23 2	<b>\$ \$</b> 5	3	34 54	2 5 4 5 5 4 5	89	* ;	Ř	2	7	3490 370-	ž	24.	MPS.GETS MPS.PROC.PRG MPS.APPE.PRG	(procedure 1176) 113	(procedure in NPS_PROC.PRG)	
TRADE, PATE	;							_		HPS_MEET HPS_PROC.PRG	PRG 1179	32	ş_	(procedure in NPS_PRDC.PNG) 11981	ğ.	ĝ					NPS_EDIT.PRG	171 (other 111a)		
F. MOC. 786	1125- 12086	12086	E 6021	22						APA, 200	2		(procedure file)	•							MPS_PROC.PRG	23		
MPSCALL.1 MPSCC.PRG MPS.JRCCA.PRG	: 8 %	* 3 :	333	Ĭ	9 9	5	8	ž	ķ			feres.	\$	lerocadure in NPS_PROC.PRG) 747	ğ.	ĝ					NPS_LINTR NPS_KEYS	43 (procedure in 18	(procedure (11e) (procedure in NPS_PAIC.PRG)	
MECALL 2 MYSDC: PMG MPS MECA. PRG	÷	56.76 26.76		ä	50 <b>9</b>	8 3	~	**	Š				3	(procedure in NPS_PMOC.PMG) 1315!	PB0C.	ŷ					WEST COLLEGE	រួនដ		
RECALL 3	ž :		• •		3							(pr. oc.	5	(procedure in NPS_PROC.PRG) 10.231	7. 2.	ĝ					NPS_NISC NPS_INTR.PRG NPS_OPEN.PRG	(detabase) Bou 1530 1750		
MAS. MECA. PRE	2 2 2	* # :	3436	13	602 641 641	55 12	ž;	\$	**	NPS_ASTO NPS_PROC.PRG	<b>786</b>	9 = E		(procedure in NPS_PROC.PRG) 	PBC. P	ĵg M					MPS_MISC.BU_DATE MPSDC.PAG APS PROC.PAG	379 390 4528		
MECALL 4 MPSIC: PRG MPS RECA.PRG	2 <b>3 3</b>	*	5716 9	200	402 622	₹ 2	\$	<b>\$</b>	63				5	(procedure in NPS_PROC.PRG) [258] (procedure in NPS_PROC.PRG)	PBC. P						NPS.MISC.PRINTER NPS_PROC.PRG			
MS/C NPS/CC PNS NPS/PNOC PNG	**	49 78 1132- 12316 12466 1332	2466 13	21						HPS_PROC.PRG HPS_BROM HPSOC.PRG		1342 (F. R.		•							NPS_HDIS NPS_PROC.PRG NPS_EDIT.PRG NPS_BROU.PRG	(procedure 72 133	procedure in MPS_PROC.PRG)	
												•		-	•									

MASSTRAM WYS_LINER, PMS 15251 WYS_LINER, PMS 15251 WYS_LINER, PMS 372 MASSAGE WYS_LINER,	MESIC PAG	PROSE_NO. PRE 1370R RFS_MOU.PRE 353 POC. RFS_MOU.PRE 1351R RFS_MOU.PRE 1351R RFS_MOU.PRE 224 POPCAL RFS_RFOC.PRE 210 RFS_CFRE 210 RFS_CFRE 210 RFS_CFRE 210 RFS_CFRE 211 288	POPTRIS	PRINCIPALIT Coroccodura in NPS_UTIL.PRG)  NPS_UTIL.PRG 70 1241 126 129 130 131 134 1434  PRIPRIOR  PRIPRIOR  NPS_ECT.PRG 1331 216 246  NPS_ECT.PRG 31 216 246  NPS_ECT.PRG 44 526  NPS_ECT.PRG 54 54 54 54 54 54 54 54 54 54 54 54 54	PRINCIPOR (Grocedure in WFS_PRICI,PMG)  WFS_RCCA.PMG 125  WFS_RCCA.PMG 125  WFS_RCCA.PMG 125  WFS_RCCA.PMG 125  WFS_RCC.PMG 126  WFS_RCC.PMG 1
5	00 1544 481	MFS_UTIL_PRES   150   215   220   223   233   241     MFS_BLI.PRES   150   251   252   223   233   241     MFS_EC.PRES   640   793   8346   854   8954     MFS_EC.PRES   98   4191     MFS_EC.PRES   98   4191     MFS_EC.PRES   20   52   534   45     MFS_EC.PRES   420   421   429		PANALAST PAN	PANCOLOR  WES_PROC. PRG 1430  PANCH  WES_OPEN. PRG 90  PANCH  WES_OPEN. PRG 91  PANCH  WES_OPEN. PRG 91  PANCH  WES_OPEN. PRG 91  PANCH  WES_OPEN. PRG 91  WE
MPS_GECA.PR6 ++9  MPS_GPCS  MPS_GPCS  MPS_GPCS  MPS_MILL.PR6 227 234 245 254  MPS_MILL.PR6 227 234 245 254  MPS_MILL.PR6 221 224 285  MPS_MILL.PR6 221 224 285  MPS_MILL.PR6 221 224 285  MPS_MILL.PR6 221 234 285  MPS_MILL.PR6 221 234 285		#PS_SAY1 #PS_APPE_PR6	##5_5EEX		## 12 CEN PRICE NO. 44 44 44 45 45 228 46 45 228 46 46 45 228 46 46 46 46 46 46 46 46 46 46 46 46 46

	žĔ	*15		Z #																		1 1			
	35	Ē		ā ž																		130			
	32	919		ā ¾																		22			
	ŘĪ	ã		<u> </u>								i	ž									4474 8194 8024	123		
	2 2	82		a i	a	a	;	a	a						a			a				# = =			
	2 3	Ä	2	<u> </u>	E. 3	E.		E 20			9	1			HPS_OPEN.PRG)	:	8	HPS_PROC.PRG)				¥ 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	E	**	
	<b>\$</b> \$ \$	À	101	= \$	Grocedure in NPS_PRIC.PRG) 447 482 110	Jure in 1475_78DC. PRG) 674		Grocedure in NPS_PROC.PRG 473 86 93 102 112	(procedure in IPS_PROC.PRG)		Grocedure in NPSDC.PRG) 2531	;	ŧ.		2		•	Š				2 4 5 K	124	157	
	*5	Ĭñ	ã	2 č	្នំ ទ	4 5		; ;	\$		=	1	É	ä	Gracedure in	1	2 4	dure in		9	3	<b>##</b>		14 PH	ă
	÷ 3 3	i i	Ş	# <b>#</b> #	\$ 5 E	2 ± 4		ŠĽ.	90		253	;	Ė	1239	ž.	122	222		\$70	3	ä	÷ 5	=	32	322 454
3	g ž g	iñi	•	÷żż	88	្ទឹង	¥			13	•	à	P P	24			2点器	\$ R	3	72	210	403- 794V		ă <b>:</b> ;	284 32 1450 1454
	žž	ž		, ž	ž ž	žž	2 E	3 5	Ĕ	EEE		2	ĚĚ		2	ž	EEE	ËË	2	3	9	e E g	3	2 2 E	
	MOUTOP HPS_PMOC.PMG HPS_BMOM.PMG	IPS_RECA.PRG	MOM_HARD_BU	7.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	EAYEGE NPS_PROC.PRG NPS_EDIT.PRG	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MECA.	SAVREC HPS_PROC.PRG HPS_EDIT.PRG		5	SET_POP MPSOC.PRG	9800	¥ 4	NES_PROC.PRG	SPACE_CHECK NPS_CPEN.PRS		NPS_DPEN.PRG NPS_BROW.PRG NPS_RECA.PRG	ATLINE NPS_PROC.PRG NPS_APPE.PRG	E HPS_PROC.PRG	P JPS_RECA.PRG	TERPF NPS_PACK.PRG	MPS_PROC.PRG MPS_PROC.PRG MPS_BU.PRG	HPS_PACK_PRG	MPS_OPEN.PRG MPS_OPEN.PRG MPS_EDIT.PRG	NPS_BROW.PRG 110 NPS_PROC.PRG
	<b>5 5 5</b>	Ē	3 5	PTIMME NPSDC.PRG NPS_REPO.PRG	2 2 2	SAYLINE NPS_PROC.PRG NPS_EDIT.PRG	<u> </u>	¥	SCIENTIS BPS_APPE.PRG SETPN	IPS_RECA.PRG IPS_RECA.PRG IPS_REPO.PRG	7.5	SKIPHECS NPS_PROC.PRG		į	N F	3		STATILINE SES. PE	2 2 2	F		ALL SON	E 3	<u> </u>	£ 25
			<u> </u>				. 31	3							<b>?</b>	3								147	\$ 54
			5	ž			Ŕ	•							<b>2</b>	3	*							i .	<b>3</b>
			13	72			8								×	3	, , , , , , , , , , , , , , , , , , ,							273	3 <b>\$</b>
		_	2	211-		=	Ř	ä							ž	<b>3</b>	5							==	¥2.
	**			151 - 206		(procedure in NPS.RECA.PRG) 201 206 211 220 2401	199- 201 2574	9				ĝ			~ ~	9 _	9	_	•			_		==	154 152 104 7
	3 \$					2 M	- 2	(procedure in MPS_RECA.PRG) 1771 179 182 183 11				Gerocedure in NPS_REPO.PMG) 164)			ţ	661 664	NPS_BU_PRG) 628 629	7	32			•		402	#‡ <b>4</b>
	\$ <b>3</b> 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	<b>?</b>		¥2\$	3	\$ <del>7</del>	¥: 55	2 V				5			•	<u> </u>	₹.	**	721	_		22		\$ <u>\$</u>	15. 23. 81 10. 377 378 XREF.DOC
	* * * * * * * * * * * * * * * * * * *	7.4 7.4		; ; :::		- A	**	\$ 1. 1.	_						<u>.</u>	sedure in	procedure in 6231 625	92	2	7	_	\$		:: \$ 8	XAEF
•-	žez Žėsk	25V 115- 132V 430-	ži Agr	246 - 356 246 - 356 337 - 356	•		216- 220		<u>=</u>				<b>\$</b>		\$5. 25. 25.	(proc 442 774x	-	7 <b>.</b>		*= %	7 P P P			26V 44•	H TH
_						ž		22.22	38		**	2			3 K	25	919				I 7 7 7 8				326
PEN. PRG	NPS_APPE.PRG NPS_EDIT.PRG NPS_BROW.PRG NPS_RECA.PRG	MECHANIAST NPS_BROW. PRG NPS_RECA. PRG	RECHANGES NPS_APPE.PRG	MECHANTOP NPS_PROC.PRG NPS_BROW.PRG NPS_RECA.PRG	NECOK NPS_NECA.PRG	MECPRIN MPS_NECA.PRG	MECTYPE MPS_MECA.PRG	NEC_LISTS NPS_NECA.PRG	MELATE I NPS_OPEN.PRG NPS_PRCA.PRG		NPS RECA. PRG. NPS	REPORT_MENU NPS_NEPO.PRG	MED_SPACE NPSDC.PRG		ž.	3	ECT.	METURNKEY NPSC:PRG NPS_PROC.PRG	PEN. PRG	ROL PRE	EPO.PR6 711.PR6 J.PR6 PCK.PR6	RIGHTARROU NPS_IRROU, PRG NPS_RECA. PRG	NOUBOTTON NPS_PROC. PRG	ROM. PRG ECA. PRG	MOLERONPT MPS_PROC.PRG NPS_BROW,PRG NPS_RECA.PRG
<b>2</b>	z z z z	25.5	Serios N.S.	22.2	ğ	ž Ľ		#15# #25#	2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2	S S S S S S S S S S S S S S S S S S S	MEST_DISK	ç	REST_POP NPS_BU.PRG	MEST_SELECT NPS_BU.PMG	TURNKE NPS DC	2 2	\$ \$ \$		CHTAR RPS W	P. S.	2 2 2 2	2 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
		<u> </u>	<u>w</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	#	W	Ä		*	*			¥	#	¥				-	8		<del>8</del>
	ž																								. ‡
	7																	. 5	į.						***************************************
17	ā .																	9							60 40 1 7684
3	<b>3</b>																	3							75 1471 1
95	ž								ş							a			i			š		a	- S
33	23			ĝ			ĝ		į							ECA. PRE			76	<b>%</b>		\$20		ECA. PRE	25 - 1 452 - 1
22	i ž i			75			MPS0C		857V 849+ 485							ž			ē	33		ž	287	ž Ž	31 • 51 1451v
32	322	ā		<u>.</u>	;	ē.	<b>.</b>		F 22							5		5	•	\$23		I	3	\$	# = 882 873
22	<u> </u>	33		(procedure in MPSDC.PMG) 375)	3		(procedure in MPSDC.PRG) 442)	22	\$ \$							(procedure in MPS_RECA.PRG) 135+		1 1	3	8		•	ž	(arocadura in MPS RECA. PRG) 5011	59 64 518 521 580 581+ 587 591 592 608 609+ 619+ 623+ 626+ 628 1451V 1452+ 1458 1471 1489V 1490+ 1496
ä i	= t g t	2 2	<b>.</b> 25	26 .		<b>ភ្នំ</b> និន្ត	11	X F	402V	ã	Ŧ	\$	7	:	Ē		30 38	2 4 5	3	1	¥ 3	3 2	# <b>2</b>	3	\$ 5.5
ž ž	ž, ž	ž	žžž						ğ. y.	Ĕ	£	ž	9	y E	£	, <b>E</b>	ž	EE		i i i	9 9 E E	ž ž	ĔĔ	ž	į
NPS, RECA. PRE	WES WITH THE WES WITH THE WES PACK THE	100 PE	25,075N.785 125,0975.785 125,6011.786	MOTOTO PER	IR. PR	MPS PROC. PRG MPS OPEN, PRG MPS APPE, PRG MPS EDIT PRG	CULTEU MPSDC.PRG	MANK, RATE NPS, PROC. PRG NPS, MOUL PRG	MCD_CHT NPS_PROC_PRG NPS_BU_PRG	RECALLECNT NPS_RECA.PRG	MECALLI NPS.RECA.PRG	MECALL 2 NPS , RECA. PRG	MECALLS NPS. MECA. PRG	MECALL 4 IMPS , MECA. PRG	MECALLS NPS PROC.PRG	RECALLS PENU NPS RECA.PRG	MECALL, SCHT NPS, RECA. PRG	MECALL, I MPS EDIT, PRG MPS BROW, PRG	~	MPS RECA PRE	MCALL 3 NFS EDIT PRO	5 MECA.	NPS BROW PRG	MECDISPLAY IMPS NECA.PRG	MECHANIN NPSDC PRE NPS PROC PRE
55	\$	MOTOTOM MPSDC.	111		Ę	9 5 5 5	3	¥ 2 2	3	3 5	3 2	3 2	<u> </u>	3	3	<b>3</b>	3	¥	1 T	115	3 2 3		<b>1</b>	ğ ¥	3 7 5

			-
NON NES-OPEN.PRE BB		MPK_STRING MPS_PMCC.PMG 1528V 1931+ 1538 1558+	
JICS NEW PIG 07		W HPS_INTR.PRG 149 171	
IIC_MAN MPS_MEPO.PMS 45		1 MPS_INTR.PMS 170V 171- 172	
11C_554 1475_11(270,7416 44		A POCKET OF THE POCKET	
MAGLAECS NPS_PACK.PRG 01V	01A 13B 157 140	Author i LCR Timothy P. Steels, PEC, USH 0/120/2 09-01-11	
PARTOLI NPS_BROM, PRG 25V NPS_RECA. PRG 333V	374 41 90 92 345-347 385 387		
PEATENEC 174 174 174	for Goduna in NFS_EDIT.PNG)	There were no mecros delined to FoxDoc	
FILITIES MFS_PROC.PRG 164		TOTAL CO LONGO	
FILITY MENU	Gerocepers in MFS_UTIL.PMS)		
ML_BRAH MFS_PROC.PRG 1211	ter occurs in MFS_PRIC. PRG) 14071	4.5 FF 4.6 4.00 000 000 000 000 000 000 000 000 00	
INL_CURR INFS_PROC.PRG 1240	tate 14461		
ML_PAND MPS_PNDC.PRG 1218	(procedure in NPS_PNGC.PNG) 1218 14281	System: PESC PATION THEKING & RECAL SYSTEM	
NE. MEC.1 NPS. MECA. PRG SAS	forcedure in NFS_RECA.PMG) 5901	Author: LCER Flactby P. Steele, McC. USA 0//2017 09:01:11 Arroy Summary	
ML_MEC2 MPS_MECA.PRG S47	Grocedure in MPS_MECA.PMG)		***************************************
3	Grocedure in NFS-RECA.PRG)	FaxDoc found ne arrays in this system	
NECA PRECA. PRE S71	Grendure in MPS. RECA. PRE) 6574		
ME_UIC 1075_PRIDC. PRG 1220	ler ac adure in 1675 PRIC. PRG) 1448		
JEAGNOUL PRE 3271 MPS_REDUCTING 3271 MPS_RECA.PRE 423	(or ecolule in 1675, PRIC. PRIC.)		
HEN_MECALLS NFS_PROC.PRG 131	•		
10750C.PNG 47 1075.UTIL.PNG 611 1075.PACK.PNG 21	·R7 15	-	····
MANING NEST TIS	(erecedure in NPS_UTIL_PNE) 233 242 251 2691		
MANU CHT NPS_NECA.PRE 335V	135V 358 431 432 474 478*		
3	(PFCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		
NPS_NECA.PRG 412	(PFOCODURE IN NOTS, MECA.PMG) 4731 474 479 486 4874		
INDECTRICE 1927	1527 1531 1537 1553 1550 1546 1575		
ME_CHAR NPS_PROC.PRG 1528V 1548	1528V 1512 1538+ 1545+ 1545 1544 1550 1557   1544+ 1547 1548 1570 1572		
MF PASS MFS PROC. PRG 1528V 1570	1528V 1512 1515+ 1544+ 1544 1553+ 1557 1548+ 1548 1570+ +		

ta and a second a sec	Proc. 4 Facts. Ett. STOP  MAIL EST.  MAIL ES	1.	
PACE A FACES BAY SETUP  MANY TEAL  FORD TEAL  CONFIG DEEC  CALLES BAY SETUP  MANY TEAL  CONFIG DEEC  CALLES BAY SETUP  MANY TEAL  CONFIG DEEC  CALLES BAY SETUP  (CONFIG DEEC  CALLES BAY SETUP  (CONFIG DEEC  MANY TEAL  MA	MAINTENN PACE & FACES BAY SETUP  MAINTENN PACE & CONTROL PACE SETUP  MAINTENN PACE & CONTROL PACE SETUP  MAINTENN PACE & CONTROL PACE SETUP  CONTROL MAINTENN PACE SETUP  MAINTENN PACE SETUP  MAINTENN PACE SETUP  MAINTENN PACE SETUP MAINTENN PACE SETUP MAINTENN PACE SETUP MAINTENN PACE SETUP MAINTENN MAINTENN PACE SETUP MAINTENN MAINTE	3 M. Procedure 1116: C. VIMS UPSK. PRU 4 M.	
Calls, EM. STIP  Calls,	TO SECURE THE SECURITY OF THE	S m. Prace & Facte, ENV. SETUP	
Control (Control (Con	Calls. Ed. SEC.  Calls.	6 a.	
calls, EM. SETUR  Calls, EM. S	Calla, EM. SCTOR  Callad, EM. SCTOR	THE PERSON	
Colling Collin	Calls (DEC) Config ORGE Calls (DEC) Config ORGE Calls (DEC) Config ORGE Calls (DEC) Calls	TOTAL	
Callan EM, SET GO (concedure in MPSIC-PRG)  1 1975	Calls, Etc. STORE  Calls, Etc. S		
Calla EM, SETTE  WET, PETER (Grecodure in MEDIC-ME)  WET, PETER (Grecodure in MEDIC-	Colla EM, STITUTE  ET 1972.  ET 1972		
Calla EW, STIP  WES, 1971 - W. S.	Calls EW, STIP  Hard, FEW, STIP  HARD, F		
### STATE OF CONTRACTORY OF CONTRACT	### STATE OF CONTRACTORS AND C		,
## STORED TO SECURE TO CONCRETE THE STORED TO SECURE TO SECURE TO SECURE TO SECURE THE SECURE TO SECURE THE SECURE TO SECURE THE SEC	##\$ (PER) (PER) PRINTED (Proceeding in #PER) PRINTED (Proceding IN #PER) PROCEDING IN #PER) PRINTED (PROCEDING IN #PER) PROCEDING IN #PER) PROCEDI	•	,
HILL TOUR CONTROL OF C	Harry Milk (1904)  Harry Milk (1	15 557 POP	5
Halls, (RB)  Halls	Mills, (RB)   Greeders in WESC, (RG)	16 m MPS_OPEN.PMG	
PRICE OFFICE (Proceeders in weight, Rich Proceeders in weight, Rich Rich Rich Rich Rich Rich Rich Rich	PRICE ORECOMENT (Proceeding in WESIGN PROCESSION OF THE PROCESSION	17 m, nain mon	adere in M
in the control of the	PRICE OFFICE (Procedure in WESTOCHE)  1. SETTION (PROCEDURE IN WES	18 =, . PROPTEU	=
in 601789 (procedure in WFSC.PRG)  in 75, 24PT.PRG  in 75	in 601789 (procedure in WFSC.PRG)  in 75, 987, 987, 986  in 75, 987, 987, 986  in 75, 987, 987, 986  in 97, 987, 987, 986  in 97, 987, 987, 986  in 97, 987, 987, 987  in 987  in 987, 987  in 9	•	•
in WES_APPE_NES  in WES_APPE_NES  in WES_APPE_NES  in WES_EST_PES  in WES_EST_	in WES_APPE_NESS  in WES_APPE_	•	5
in WF, EDIT-PRE  in WF,	in WF, EMIL-ME	<i>:</i>	5
in we's getti, PMS  in we'	in WF, SELL PMS  in WF,	•	
in 1975, 1970, 1975  in 1975, 1970, 1975  in 1975, 1975, 1975  in 1975, 1971, 1975  in 1975, 1971, 1975  in 1975, 1971, 1975  in 1975, 1971, 1975  in 1975, 1975, 1975  in 197	in 1972, 1970, 1970  in 1972, 1972, 1970  in 1972, 1972, 1970  in 1972, 1972, 1970  in 1972, 1972, 1970  in 1972, 1972  in 1972, 1972, 1972  in 1972, 1972	•	
in WFS_ERGO_PMS  in WFS	in WFS_ERGA_PRES  in WFS_ERGA_	•	
in with the control of the control o	1 Marg.   1862   1862   1862   1863	-	
the commentation of the co	the control of page of the control of the	-	1000 0000 000 0000000000000000000000000
The decreaments of the control of th	The decreament of the control of the	•	CALCACTURE IN METAL TRACE. TRACE
". Specularization of 1/20/22 at 09:00 Fouber variation in manusement comments and	### Decumented 01/20/22 at 09:00 Foubce version 2 ####################################	<i>.</i>	
*** The company of the control of th	**************************************	E. Drenamber 01/78/87 at 04	Forface varafor 2
*** *** *** *** *** *** *** *** *** **	*** "Control of the control of the c		
and the foliation division and the service of the s	aSetue fouere environment aOsen Modification aOsen Modification aSetue aSetu	oftoward made are (PIARS and	
En annual control cont	### THOREGINE TO AND	The state of the s	ì
### TOTATION TO THE TOTATION THE TOTATI	The Committee of the co	DO see setting	
SET PRECEDENT TO NOTE SECONDARY SECO	ET PRECEDER TO THE SPECIAL SECONDARY SECURITY SE	TK a Anna MONERING ALLA	
n	n	TA CON MACCINE TO THE PARTY OF	
secondary of Walking Statement of Statement	secondary of "Virth.Will"  "Property" of "Virth.Will"  "Property" of "Virth.Will"  "Property" of "Virth.Will"  "" Deal of Introductory screen, assuand test, do nose_chest in Code agrees to Nate is seen in Code nose_chest in Code agrees to Nate is seen in Code nose_chest in Code agrees to Nate is seen in Code nose_chest in Code agrees to Nate is seen in Code nose_chest in Code agrees to Nate is seen in Code nose_chest in Code agrees to Nate is seen in Code nose_chest in Code agrees to Nate is not no	THE PRINCIPLE IN NO. P. O.	
"Statumber = "19/18, MAY"  "Statumber = "19/18, MAY"  "Builtedit = "19/18, MAY"  "Historic = "19/18, MAY"  " Decin introductory screen, assuand test, di  " Decin introductory screen, asset, noral stal, noral stal, noral screen, di  " SPACE () To decin chests, no. did  " SPA	"Statumber = "UN", NU"  "Statumber = "UN", NU"  "Hillisher = "UN"  "Hillishe	37 m SET CULUM TO VALUES.	
attractive (1 - 1977), M.M.Y.  and the control of the control o	structuring to "Univiland"  st	30 screenAtr . "U/N.K/V"	
will literature = "Broke. Mark"  #	will literature = 'War/War/War- will literature = 'War/War/War- DO aso, introductory screen, assessed test, di March of Spoke (Assessed March of March	"StatusAtr .	
######################################	welliteaker "Wrigh"  welliteaker "Wrigh"  welliteaker "Wright  Most and the content server has been good as each of the content server in the content serv	Promitate .	
aBeeln Introductory screen, assuand test, an anBeeln Introductory screen, assuand test, an anBeeln Introductory screen, assuand test, an anAbellar School Screen, and an activities, and an activities, and an activities, and activities an	aBeeln introductory screen, assumed test, an anBeeln introductory screen, assumed test, an analysts.  aDeclare Glabal semony variables.  perinter, screen, and disperset, histopic seda, perint strates, and disperse sea, more latel, more strates, screen, and analysts.  SIDE 10 security screen, and and sea, sea, sea, sea, sea, sea, sea, sea,	Whiliteate .	
m	money. Interference of shell seasory voribles.  PHUME:  PRUME:  Seas. Check in a distance to his topic season are interference of season and season are interest. Phume season and season are interest. Season and season and season are interest. Season and season and season are interest. Since in a season are interest.	# Beats introductory screen.	word test, date/time chack
PRIVATE:  seen_cocke.no_dof.seroat.histosic.aceistel.no acrinicis.periesa.wen.res.as.ec.noreistel.no storicis.co.dof.seroat.histosic.aceistel.no storicis.co.dof.seroat.no.dof histosic.so.dof.seroat.no.dof histosic.so.dof.seroat.no.dof storicis.no.dof.seroat.no.dof storicis.no.dof.seroat.no.dof histosic.so.dof.seroat.no.dof.seroat.no.gof historicis.no.dof.seroat.no.dof.seroat.no.gof rosettus.recoat.no.dof.seroat.no.dof.seroat.no.gof rosettus.recoat.no.dof.seroat.no.dof.seroat.no.gof rosettus.recoat.no.dof.seroat.no.dof.seroat.no.gof rosettus.recoat.no.dof.seroat.no.dof.seroat.no.gof rosettus.recoat.no.dof.seroat.no.dof.seroat.no.gof rosettus.recoat.no.gof.seroat.no.g	PRIVATE:  seen_Cocta.no_df.aeraat.hptopic_acdi.press seen_Cocta.no_df.aeraat.hptopic_acdi.press seen_Cocta.no_df.aeraat.hptopic_acdi.press stone f. 10 oscil.epias.aera.rod stone f. 10 oscil.epias.aera.rod stone f. 10 oscil.epias.aera.rod stone f. 10 oscil.epias.aera. stone f. 10 oscil.epias.aera.dera dera delati.press stone f. 10 oscil.epias.aera.aera stone f. 10 oscil.epias.aera.dera delati.press stone f. 10 oscil.epias.aera.aera.dera delati.press stone f. 10 oscil.epias.aera.aera.derat.aera.aera stone f. 10 oscil.epias.aera.aera.aera.aera.aera.aera.aera.ae	DG see 10tr	
PRIVATE STATES AND CONTRACTOR AND PROPER CONTRACTOR AND STATES AND CONTRACTOR AND	PRIVATE  PRI	a One lare Global second uses	
even_chects.no_dbt_seroest.hiptopic_acces_press string: _1.10 ceant.chects.no_dbt_seroes.nerelatel.not strong: _20 ceant.chects.no_dbt_seroes.nerelatel.not strong: _20 ceant.chects.no_dbt_seroes.nerelatel.not strong: _21 ceant.chects.no_dbt_seroes.nerelatel.not strong: _21 ceant.chects.no_dbt_seroes.not strong: _21 ceant.chects.no_dbt_seroes.not strong: _21 ceant.chects.not _21 parameter to nes_ceant strong: _21 parameter to nes_ceant.chect der_ledit to seroes.not _21 parameter to nes_ceant.chect der_ledit to seroes.not _22 parameter to nes_ceant.chect der_ledit to seroes.not _22 parameter to nes_ceant.chect der_ledit to seroes.not _22 parameter to nes_ceant.chect _22 parameter _	sering checks, no, dbf, seroes t, his top fc, seeks, prints sering the first sering the fir	PRIVATE.	
STORE F. TO Open the First Property of Pro	STORE F. To come, curranted to be commended in the store of the store	com checks so the mrone	anda arna
STORE (F. 10 deen checks no. det STORE (F. 10 deen checks no. det STORE (F. 10 deen checks no. det STORE (F. 10 deen check nor al act nor al act STORE (F. 10 deen check nor al act nor al act STORE (F. 10 deen check nor al act nor al act STORE (F. 10 deen check nor al act nor al act so dean de rea deleagean, not nor de real so de sen, see returney, del record derived check so de sen, see returney, del record derived check ser nor check nor act nor al al record act is del ted, record nois set, act nor act is valid. ser nor al set of sea de sections act is valid. ser nor al set, mass, act consumer, and al act is act nor and act nor act is as a sen no act is act nor act is a ser, ser nor act nor act nor act all sin ser all 2, and act is a ser, ser nor act nor act nor act all sin ser all 2, and act is and or act is act in a ser act is a ser act in a ser and act is act in act is act in act is act in act is act in act is a ser act is a ser act in a ser act in a ser act in a ser act is a ser act in a s	STORE F. TO seen checks no detail of historie F. SPACE(4) STORE OF DE score STATE(4) STORE TO security the security of the score STORE TO security the security of the score STORE TO security the security of the score STORE TO security of the security of	BOCINCOL COUNSES, MACH. CO.	alatel.nor
injectoric & Specific discontrate of the contract of the contract of the court of the contract	1006 10 account 1000 account 10	STORE F. TO open checks no	
\$1006 ** 10 account. \$1006 **	\$1006 17 To account \$1006 17 To account \$1006 17 To account \$1006 17 To account the parameter to me, open \$1006 17 To account the parameter to me, open \$1006 17 To account the parameter to me, open \$1006 17 To account the parameter to me, open \$1006 17 To account the parameter to me, open \$1006 17 To account the parameter to me, open \$1006 17 To account the parameter t	historic - SPACE (4	
\$100E - 10 mode, pteam, sern \$100E - 10 mode, pteam, sern \$100E   1. 10 mode, pteam \$10E   1. 10 mode, pteam \$10	\$100	200	
\$100E 14: 10 perintent and attal and attal and attal and attal and	\$100E 19: 10 persists \$100E 17: 10 persists \$10E 17: 10 persists \$	STORE To sode	
1006 7. 10 per interet, norel stel, norel stel, forel stel, but specified for the but of	\$100E T. 10 movinication of the parameter to neadens \$100E T. 10 movinication of the parameter to neadens \$100E T. 10 movinication of the parameter to neadens \$100E T. 10 movinication of the parameter to neadens of the selection of the selectio	\$1086 'W' TO ece	
Figure 7. 10 about the personner to need open motivates to the personner to meed the confidence of APPE.; Income that the	PRIVATE:  Offices as in the second and the personner to need pears  Offices as in the second and reserved the second and the s	STORE .T. To merintent norelatel nor	alate2
William to the ceturnier, delracerd, APPE.;  Opiniam, the fare, defeapean, and order. I seed ted.;  Opiniam, the fare, and incheit or semucholice, chell instruct, recome, and orderna, appr., is valid  1 sating, recome, and orderna, appr., is valid  STORE F. 10.  Opiniam, the fare of offerma, appr., is valid  I sating, recome, and orderna, appr., is valid  I sating, recome, and recome, appr., is valid  I sating, recome, and recome, appr., is valid  I sating, recome, and recome, appr., is valid  STORE F. 100;  ST	Willieff,  Deligher, properties, ablichated an incident lead tode;  Deligher, properties, ablichated an incident condition of the condition of	STORE T. TO abu LA surpret	to not open
for the second s	Morease, but as a delegates, and and teat, of the first as the first as delegates, and and teat, of the first as delegates, and and teat, of the first as delegates, and and teat, or complete, returns of drecture, specification of the first as the first		
Defined and the standard control of the standard derivation of the standard control of the standard derivation of the standard de	defines, define a code agents, native der interfact, defines and der et adde agents, native der interfact, defines and der et adde agents, native der interfact, defines and der et adde agents, levelid a 1 last der returns of der ental agents, levelid adder et adde agents, levelid adder et adde agents, levelid a last der et adde agents, levelid a last der returns of der et adder et administer, der last der et adder et adder et adder et adder et administer, der last der et adder et adde	Ė	1
of contains and the decided an	Golfman, older on, older out, old	-	
Instruct that is rought the sainchoid a semuchoid a chail instruct returns of directions, and officens, and office	lastrace text. From true, asinchoice, annuchoice, choi lastrace, recome, and orchous, and recomes, and the residual defines and the residual defines and the residual and the residual defines and the residual defines, and the residual defines, and the residual defines, and the residual defines and the residual defines and the residual defines and residual defines	•	w.isedited.,
Stork F. 10;  bu. sech. seps. returns old exchas. sept. is will d  bu. sech. seps. returns old exchas. sept. is will d  selnam. del exa. del sepsan. induced ar. i sedt ted.;  roce tax. recept. seps. returns old returns der i sedt ted.;  roce tax. recept. seps. sepsan. induced ar. i sedt ted.;  sen. all ast near, series all returns aller, i svall d  sen. all ast near, series and sepsan. sulc.;  serv. nual sec. are all i, are all i, are all i, i, are all i, ar	Stork Fr. 10.  bu pean app. returnley, defrechus, app. lisualid  bu pean app. returnley, defrechus, defrecher, leddings, definates, definates, defrecher, leddings, definates, d	•	nuchoice, choice, s
STORE "F. TO be returned or delivered of APPE, I define an about the second bar to define and the second bar to define an about the second bar	Note: F. 10.  Note the season representation of APPE; the season representation of the season of the seaso	_	1114
by speak speak returning, dath or of APPE, in the lease and the as defines as an indicated as a federate and indicated and indicated as a federate and indicated and indin	beingen gegerretunken der der Affet, ebeinse gegerretunken der Affet, ebeinse aus der Affet aus der German der Affet aus der German auf er der Affet aus der German, auf der German auf an in halt auf auf affet aus auch auch aus auch auch aus auch auch auch auch auch auch auch auch	510	
defines, the sea collegement indicated in the complex incomplex incomplex and inches in semichalics (the last recombined for command of decime, ager, lavelid asser, recombined for command of decime, ager, lavelid asser, recombined for command of decime and recombined for complex incomplex incomp	defines. Only we all other seasons induced will seld ted in complex. Trought was another to seamenholds, chell last for received and defection and induced will seld ted in the complex of	•	
promptions to a contract of a	promption to the contract of t		
lastner, recome, of drecome, and recome and recome and recome, and recome, and recome and recome and recome, and recome and recome, and recome	lastrac.rectura.dercona.antentente.antentente.e.cnat. lastrac.rectua.dercetua.antentente.antentente.e.cnat. lastrac.rectua.attet.e.cnat.attentente.antentente.antentente.antententente.antententententententententententententen	-	
lastice, reconsisting early variables  PRIVITE of field early variables  esen, elst, neer, effect, nee, mai, montre  esen, elst, neer, effect, nee, mai, montre  esen, elst, neer, effect, nee, elst, limes all, 2, a  eners, has, meer, meer, elst, limes all, 2, a  esen, elst, neer, elst, limes all, 2, a  esen, elst, neer, elst, neer, elst, neer, limes elst, els	Last cer central and descriptions and involved associated that associated the second and the sec	_	5
M. Concluse field assery veriables.  MINNTE,  asser, alst, ness, sires, ness asi, ar and, re abrach, alst, last, last, ass, asi, ar and, re abrach, alst, last, last, ass, asi, ar and, r.  auth, sect, ness, sector, sec.;  auth, sect, ness, sector, sec.;  secur, ness, ceur, ness, aster, ness, ceur, ness, aster, and, ar and, r.  secur, ness, ceur, ness, aster, ness, ceur, ness, act, ness, aster, ness,	#Declare field assery veriables.  # sear, all at measurality in an ani are not a der not in att 12 aclass, appon unit.  # sear, all att 12 aclass, appon unit.  # sear, in att 12 aclass, appon unit.  # sear, in att ness, act not a declare and a declare a no declare and a declare and d		
PRIVATE THE STATE AND	PRIVATE THE THE THE TELL THE THE TELL THE THE TELL THE THE TELL TH	65 m Declare field seadry variables.	
ease, alst, mess, efret, ass, set, and, re abranch, alsst, 12, sed, set, appon, sult, c, ecur, new, seed, ser, appon, sult, c, ecur, new, seed, ser, appon, sult, c, autich, seed, ness, sectories, seed, ser, ecur, new, ser, ness, seed, sed, sed, sed, set, ester, sed, ness, sed, sed, code, sed, set, ester, new, seed, ness, sed, sed, code, sed, set, ester, new, seed, ness, sed, sed, code, sed, sed, sed, sed, sed, sed, sed, s	esen, alest, nest, and, nest and, re only, re observable and the 12 and assarance and re only, re our nest, and assarance and 1.1 and 2.1 and	66 PRIVATE,	
earch aliat (2, adjass, appon, autc.)  actor, hallate (2, adjass, appon, autc.)  actor, has been actorized and actorized actorized and actorized and actorized actorized and actorized actorized and actorized actor	ecer and a last 12 and a sale and a sult.  ecer had seed, and a last 12.  ecer had seed, and 11.1 and 11.2.  ecer had seed, and 11.2.  ecer had seed and a consultation of the seed and a	assn. of ast name miret name and . or	Ak rata
securine.associarecalliliarecallili. autobiacalliliarecallili. autobiacalliliarecallili. autobiacalliliarecallili. acurinasciarecallili. acurinasciarecanasc	securine, seed, secal [1], secal [2], and the seal [3], secal [3],	abranch minet to actual anama mad	
accall_3.mrcall_4.  actr_nac_actr_nac_actrone.acc.  style_act_nac_actrone.acc.  style_act_nac_actrone.acc.  sear_alat_nac_actrone.acc.  sear_alat_nac_adtrole.acc.  sear_alat_nac_adtrole.acc.  sear_nac_actrone.acc.  sear_nac_acc.  sear_nac.  sear	accall_3.mrcall_4.1  scur_nuc_accur_nas_accones acc.  scur_nuc_accur_nas_acc.  scur_nuc_accur_nas.  scur_nuc_accur_nas.  scur_nuc_accur_nas.  scur_nuc_accur_nas.  scur_nuc_accur_nas.  scur_nuc_accur_nas.  scur_nuc_accur_nas.  scur_nuc_accur_nas.  scur_nuc_accur_nas.	At the same and a series of	•
autobiactinaminining autobiactinaminining source nace accordinamining source nace accordinate source nace accordin	autich mack mean man man match mack mack mack mack mack mack mack mack		
scurround, securround, security, secur	scurrounds, and an additional and and additional strong and a service an	1, 100 m. c. 100	
Stock Thank acture, name, actors, contemporary for a contemporary cont	STORE - TAME, SECUT, NAME, SEGUE, COME, SHOWN SHOW, SHARL THAN SHIPS, SHOWN SHOW SHOW SHOW SHOW SHOW SHOW SHOW SHOW	11 BEICE, BACK, TABE, BACKONYE, BEOCK, 1	
stodie - 10) stodie - 10) sesa, siact nasa, seirst, nas sei, se ont, es sey nech, seissas, se ono, seir secre, nus, ses suich sect, nasa, secrono, sec., nus, ses secre nasa, secre nasa, secre, sebone stodie (100 er / / / ) 10, siact (2, sec., sec., / / ) 10, siact (2, sec., / ) 10, siact (2, sec., / ) 1	STORE "TO, stone and an and an and are and an and are and an	72 BCUTT, NAC. BCUTT, NAME, BORDE, COOR. B	Phone.no
sean, slast, near, sizes, near and, se out, se ser, slast, near, sizes, out, se, out, se suith, sect, near, secrows, sec. suith, suith, suith, sec. suith, suith, suith, sec. suith, su	seen, all set, house, set for, and set, se abrent, set set, se abrent, set set, set	73 STORE * * TO,	
metrical site sendo, anticatro, nua, assistato acti, nucir, nuci, assistato acti, nucir, nuci, assistato acti, nucir, nuci, assistato acti, nucir, nuci, nu	ser anth, act as to anno and f. Actif. num, assemble built bact, nam, astronya, apor.  suit bact, nam, act onva, apor.  stort num, rever, num, act onto a said f. (100° f. / / ) 10;  al att 12, are atal 1, are atal 2, are atal 3, are a	seen, alset ,neme, aftret ,nem, mai,	ž
muich sect, name, secroves, sec secur, name, neur, name, seco secur, name, neur, name, seco secur, name, neur, name, seco secur, sec secur, sec	autic back thams, serrows, spot. 1 scurr nack, serrows, spot. 1 scurr nack, server has again to get the state of the server server to server the server to server the server to server the	ser ench, aclass, so eno, suic, acurr	A. 886C
equir nak, edur, name mater, code, mehone \$100 ( 100) ( / / ) 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	secur, nume, secur, name, seath, code, whome secur, name, seath, 1 and seath, 1 and seath, 2 and seath, 3 and 3	But CD . sect _ name , secronys, moot . 1	
signt (100; * / * ) 10,  alast 12, excess], i.e. ecsil_3, ecsil_3,  e Origina popula  b. e original  e original  f. original  f	sings (100; / / -) 10,  mlast \$2, erecall_1, erecall_2, erecall_3,  nDefine popus  to set_pop  er-leitlaire Global memory variables an  defices = 1;  to nes.oem  er-reference = n  to nes.oem  er-reference ann loop.  by while !;  mDiselay asin memor and get thoice.	77 scurr mak, scurr nase, adept code, a	Phone
alast (2-mecal), 1,mecal), 2,mecal), b) set_so a	alast (2.exes) 1.exes(a), 2.exes(a), 2.exes(	\$100£ C100(* / / ')	
MD setting popular MD setting MD	wDefine popuse  by set pop	1,1,erecall,2,erec	all_3.erecall_4
No set pop	Do set pop  "		
#initialize Global assory variables  defacts = "!"  Bo nes, over  asinchis cs = ""  aEnecute asin loop.  Do will I. I.	#initialize Global assory variables februar = "" BD nes ceen sainchoice = ""	8	
Marca - 1 No nes com nes com	Moderne = 1:  Money, own  a Execute main loop.  Do Welliff !!  Siselay main menu and get thoice	a contract to the first of the contract of the	
Mose, open mainchoice - ""  #	Montage of the service of the servic	A DESCRIPTION OF THE PROPERTY OF THE PARTY O	
nes.oem inchoice "" Execute main loop. WHILE I	nes.oeen incheics = "=" Emcute mein loop. WHILE .F. =Diselay mein menu	į	
	Evacute mein loop. WHILE .T. Biselay mein menu		
unilE .T.	willE .T. Display Bein sonu	ē	
WHILE .T.	MHILE .T. =Diselay sain senu	ABCURE BOID	
The state of the s	Diselay sain senu	T STORY	

when the control of t	174 SET TALK OFF 175 SET PATH TO SYS(2004) 176 SET PATH TO SYS(2004) 177 JF JAN TO SYS(2004) 178 SET CALM TO UN. 179 77 CHE(7) 180 UNIT "NPS_USER.RDF file not found. Program quitting" WINDOW TIMBOWT 5) 2 181 CLEAR 182 0.0 SAY "NPS_USER.RDF found. Chack User's Hensel," COLOR NATH 183 0.017	THE BOATS TO APE, WASTER THE SECOND TO APE, WASTER THE SECOND TO APE, WASTER TO APE, WASTER TO APE, WASTER TO APE	154 SET BOLL OFF  156 SET CARRY OF F  157 SET CARRY OFF  159 SET CARRY OFF  159 SET CARRY OFF  150 SET SACTEV OFF  200 SET PARTION "" TO		227   11   229   225   2	244 ii merennamennennamennamennamennamennamenna
		Actional  bus the databases before quitting  bus 1  bus 4. Add busine up to diapsy before quitting  bus 1  bus 4. bus 1  bus 4. bus 1  con 00 6+/N  MR(2)  con 00 6+/N	Libra Libra - 2.14 SMY "Bacture databases to hard disk bafors on the """  for a """  for a ""  f	MATED.  MATED.	Int Recalls Int Recalls Int Recalls Int Recalls Int Recalls International Court W/Am Reserts R	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

```
PRICEDURE set poe
254 m --- Sets on "pictist" for branch
255 DFFIRE POWD branch FROM 4.4 3TO 11.40 .
255 DFFIRE POWD branch FROM 4.4 3TO 11.40 .
256 TESSAME "SECONI or press highlighted letter to locate and select "1,
257 "a Service Branch FORM 4.4 3E.4 / 3E.8 / 3E.8 / 3E.8 / 3E.4 / 3E.4 / 3E.8 / 3E.8 / 3E.4 / 3E.4 / 3E.8 / 3E.8 / 3E.4 / 3E.4 / 3E.8 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            T 'Config. sys file error' window TimEDUT 2

S MY 'Invalid Config. sys Files satisfue. Your setting is ''.

S MY 'Invalid Config. sys file must be set for a minimum of ''.

FILES-SX' CD.CO W.NY

O MY 'Use a text willer to soully and then remont.' CD.OR W'N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (procedure in MPS_PROC.PRG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (procedure in MPSDC.PRG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     und menter menter personal menter men
CK(.F.)
sck config.sys films available
!g.chack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Procedure, COF16_CHECK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Called by, ENV.SETUP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Called by, MPSDC.PRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Calls, BEACTPOP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Procedure: SET_POP
```

"A)/EST, LANGE 4700-A 20 9 WE SHIZE IN	340 0 14,42 SAY **
243 BEFINE DAY OF THE PARTY WINGOWS	350 SET INTENSITY OFF
265 mSats up "pittlist" for pano 266 EEFINE POTUP pano FROM 7,20 TO 11.47 TITLE "Saloct Status" ,	352 choice = "#" 353 DD WHILE .NDT. (choice 0 "012345670AED
267 MESSAGE "Scroll or press highlighted latter to select a Peno Status"	154 ON KEY LAND, #1 BO hip bith "Rein"
248 COLOR H-/35, H-/36, B/36, B/36, D6-/M, H-/3, CR-/36	256 @ 14,42 GET choice PICTURE "!"
270 BEFIRE DAR 2 OF Dans PROPET -KRED - Applicated/forwarded*	ISA GADO
271 MSTIME BAR 3 OF pure MONPT "KYLM - neither of above 272 OH SELECTION POPUP pure DO deuctose	359 SET INTENSITY ON 350 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
273 m Sata up "picklist" for uic	361 IF chaice 8 -01234567-
274 URP FOR PUTUR PODUIC PHUM 1,17 TO 21.67 1176 "5616CT UIC", 275 PROPET FIELD ACTIVITY LIC+" "+ACTIVITY.ECT. AAAR SCHOLL ;	143 DOIF
276 MESSAGE "Scroll to locate and select a valid UIC";	344 METURN
277 COLOR N-/NG.N-/NG.N-/NG.N-/NG.N-/N-/N-/N-/N-/N-/N-/N-/N-/N-/N-/N-/N-/N	VAC HE BRILLING SENSE STREET S
279 a picklist for curriculus number	367 mt Procedure: PROFFTBU
280 DEFINE POPUP papeurs FROM 1, 29 TO 21, 79 TITLE "Select Curriculus" ;	240 mi
202 MESSAGE "Scroll to locate and select a valid Curriculum".	
283 COLOR U-/ 86, U-/ 36, B/ 86, B/ 96, 96-/N, U-/ R	
284 DM SELECTION POPUP papeurr DG descripas	372 #1 . NPS_BU.FR6
285 PETURE	77.
25. d. manna agadan manaman agadan kanaman agadan an kanaman an kanaman agadan mannaman agadan agadan agadan a 26. m. j	
	376 m Prompt for bactup of database 14
÷ :	377 SELECT S
250 at Called by: M75E.PE	378 GO TOP 179 IF Ann misc. by date ( CONTACH (DATE()
292 mi . Calls: M.P. (procedure in MPS_PROC.PRG)	300 0 14,33 SAY " COLOR 6+
ī	301 SET COLOR TO W-/N
274 of defense regal model states being being being being states are a second being like in the basis being being the con-	
296 PAGAIETE Choice	
297 PRIVATE CO.	
250 SET COLOR TO MAN, MAN	286 "backed up to floory COLOR"
٠,	
TO B O. O SAY "MEMBER ACTIVITY CURRICLLUM BINECTOR"	1960 " Toes you should back " COLOR
	390 0 18.11 SAY nes misc. bu dete COLOR
303 0 0.48 SAY COLOR N/W	
Not too CASE	392 and whenever exten COLOR II
	395 d 19, 34 BAY - 65 18-56 CULCH NAVING
	195 COLOR W/NS
308 CASS @dares • "2"	396 6 23, 17 SAY "Back up the detabone (s
309 SET COLOR TO 44-/44	397 chaice . ""
310 6 6.6 SAY "ACTIVITY"	396 BO gattey WITH chalce, "YH"
111 CASE @sforts * 3.	199 Lf chaice • "V"
113 6 0.16 SAY "CURRICALITY"	401 6 24.0 SAY "MORKING" COLOR IV
314 CASE Befores . "4"	402 B0 nes bu
315 SET COLOR TO 4+/4=	3
316 6 0.30 SAY 'BIRECTOR'	tot Bally
117 Eugene	405 RETURN
. 1	407 =1
0 - LEHimmuhdel) / 2	408 ml Procedures PACK_DIECK
0 1,0 TO 14,79 DOLBLE COLOR 6+/N	Ŧ
• •	410 mt Called by: MFSCC.PMS
1.COL SAY senunde COLOR GR+/H	412 mi Callas Ners_PACK.PMG
Ħ,	
•	414 MI UBGB: MENTERS DIFF
•	415 ml CON Alles, McMachel CON
•	
336 Ca. • 34	
	430 MELLERIA PACE CHACE
•	421 pack 4116 o PRINGES DEF
• 6,CGL •	422 Pack nds . "NETBERS. CDI"
20.00	423 m Prompt for PACK 16 more than 10%
3	425 USE partiers
•	426 COUNT TO ecount FOR DELETED()
30.0	427 IF acount/RECCOUNT() >+ .1
240 @ 9.CG. 6 2 247 'F' CG.CB 680/N	428 Marn = "Bull" 429 BO mas mark WITH mark 411s mark mark
. 10.CG	WAIT " TIMEOUT I
3	3
	432 RETURN
24 & 12 CB + 3 SAY "U" CD DE CB-/#	
0 14,33 SAV	435 #1 Procedure: QuitBu

n one south since NEWERS. DUF use "+; -/AB to provide ineurance sesinet data "+, 40-788 1-1-7-788 1-1-7-789 1-1-7-789 a) to diapey disk? (y/n)" COLOR Us/M more than I mouth since last backup s to the detabase. ".SPACE (35) , records delated before quitting irst letter of a main menu item. (procedure in 1875\_PROC.PRG) holce 1 + 1,1 ) en selection. Procedure: Bulthu MPSDC.PRG 2 of 2 (JAS-SEL) Š

(precedure in 1878, PRIC. PRG) 435 mi Called by, 1878C.PMS
439 mi Called by, 1878C.PMS
430 mi Calles and July (syrecodure in 1879.PMC.
431 minuments
431 minuments
432 minuments
433 minuments
433 minuments
434 minuments
434 minuments
435 minume

Prace & Sector Dil Av		
Set by, HPSDC.PRG		96 calay = 51 96 calay = 51
Calla: DELAY PASSTAM (procedure	Grecears in 1875, 1975, PMG) Grecears in 1875, PMG, PMG	7 FOR 1 = 1 TO 6 99 FOR 1 = 1 TO 6 90 0 4.celpet • 1 GET mean COLOR . I
•	in ore_rain.	100 G 6.coleay + 1 SAY *.*
Decumented 01/20/92 at 09:00	ForDoc version 2.10	3:
es: WFS_INTR.PMG (Introductory acreen, password test ties chack module)	stuard test.	
.col_catr.counter.apsssurd.; .keycods.cholcs.returatey.colset.col	et. seek. 1	
the Intro heading MECALL SYSTEM	(PTARS) -	
COL. = (80 - LEN(Ndp)) / 2		111 MAIT 'Invalid Passacrd on attempt "LTRIM(STR(counter))",
S COARGE + 0		113 CASE counter - 3
		115 . Quitting program MINDON TINEOUT 1
SET COLOR TO BG-/H		117 CLEAR
unter + 1 COLON 70 6+/N		116 6 0,0 SAY "Password failure entering FIMES. Use 119 COLOR U-/N
50.00 TO 89./4		
NEC count of a 3	•	122 LOGP 123 ENDIF
CASE counter • 4		2 2
A courter of		126 m Check system date
SET COLUR TO MY/N CASE counter • 6		127 EST CLIESON ON 128 & 6,2 CLEAR TO 6.77
COLUR TO GR./M		129 77 CHR(7) 130 SET COLOR TO 144/M
6,15 SAY "		131 @ 6,11 SAY "The system date is ." 132 @ 6,20 SAY BATE!) COLOR 4+/NH
		133 6.41 SAY "Is this date correct? (y/m)" 134 choice = ""
ŽŽ	••	135 BD bettey UITH choice, "M"
ā		137 0 11.0 CLEAR TO 20,79
		139 Rue Date
18. 18 SAV	•	3
counter - counter - 1		142 G 0.4 LLEAT 10 0.77
ENGEDO 17, COL1 SAY "MPSDC Patient Tracking and Recall System (PTAMS)"	1 System (PTARS) . ,	144 B 6,11 SAY The system time 15
R./N Y "Version 1.0" COLOR GR./N		144 @ 6,41 \$AY "1s this time correct? (y/s)" 147 chaics - "s"
MEOUT 2		148 DD settey WITM choice, "W" 149 IF choice . "W"
2,COL SAY NOB COLOR GR+/M 3,33 SAY "Access Screen" COLOR GR+/M		
1,79 BOUNELE COLOR 6+/N	. COLOR 6+/N	152 6 11,0 CLEAR TO 23,79 153 EMDIF
10 E-/2 2/c	N/+9 40101 .	154 SET CLIRSON DFF 155 SET COLON TO M/M/W
password validation		154 0 1,0 CLEAR 70 10,79
IF NOT, FILE ( WE RISC DEF )		150 0 0,40 SAY ** COLOR W/W
MIT Teasured file not found. Program quitting ulMDOM THEOUT 3.5ET CO.O. TO MIN.N.W.	ING LINDON TIMEOUT 3	137 TET METALEN UNI NEUTRALINA METALEN
CLEAN # 0.0 SAY "10'S. NISC. DBF not found. Check User's Namel." COLOR No/N	ir's Manual." COLOR Nº/N	162 m) Procedure: DELAY
<b>4</b> .		164 MI Called by: MPS_INTR.PNG
n		167 minnenmennenmennenmennenmenmenmenmenmenmen
M/45-80103 .		160 PANAMERA V
		171 z = SECOMB() + y 172 DO WHILE SECOMB() < z
SAY 1.0 COLOR GR-/N		173 D000

a: Procedure file: C: VTARS UPS_OPEN.PRE	AS VETS, OPEN, PRE		91 INDEX ON PARA-LALM-FILTSLARMS THE PARAM ADDITIVE
			92 UAIT ** TIMEOUT 1
Proce & Pacts, MARE DECK	OFO		93 EMBLY 94 EET CHOKER TO 1
•			95 m Do initial startup chacks 96 JF ( 1 open chacks )
as Set bys aPSDC.PRG		20 to 100	97 m Check if sufficient distance evallable
• •		Greenare in 1875_BU.PRG)	99 n Change sembers. class to 4 if full 12 nos since last, 12
Ealls, MAN, 20F		are to MPS_CMDH.PMS)	101 DOIF
UPDATE		procedure in MF OPEN PRE	103 IF NOT FILE ( "ACTIVITY BBF" )
		(au. ):	105 no.dbf . F.
. Uses ROME	7. Def		106 70 Letra, der Elith at seing, der
#, CURRIC	CURRICUA. DBF BIRECTOR. DBF		100 EMBF 100 SELECT 2
Š			110 UNE ACTIVITY 111 mDen INDEN #11e.
Indexes: 55st		(tag in PETBERS.CDI) (tag in PETBERS.CDI)	112 IF .NOT. FILE( "ACTIVITY.CBI") 113 - G ROA.0 SAY (Creation structure) index "ACTIVITY.CBI" 1
CLASS		LA PERSENS CONS	114 INDER ON UIC TAG act_uic ADDITIVE
SUID .		1 A MENDERS.COX)	100 911
200		) in HEMBERS.COX)	117 KET ONDER TO 1
PANDS		In METHERS, CO.)	119 IF NOT FILE: "CUBRICUE. DEF" )
1000 · .		) in remers.com	120 missing def = "Cumficut. Def"
TOTAL NEWS		In CUMPICIA, CDX)	122 Bo warn, dbf WITH atseing, dbf
". CDI 41166. REMEES	S. COX		124 DOIF
ACTIVITY.CDE	7. CBI		125 SELECT 3 126 USE curricul
	8		
ON AND DESCRIPTION OF A PART OF A PA	17.28/75 57 CV:CO	OTTO STATE OF THE	
efrogram, MFS_OFBH.PMS (open files, index, relations module) PRIVATE BOW, aried but alcales dot	pen files, index, relation def	ations module)	130 INDEX DN curr_man TAG curr_manc ADDITIVE
IT COLOR TO WO'N, N/W			132 SET ONDER TO 1
os mIMKET() constant values. 46 pgm = CM(3)	·		135 F **** THE CONTROL OF THE THE TERM THE THE TERM THE T
A COM (12)			
Irecard - DA(7)	:		137 Do uern de Wills atssing de
Initialize global ve One o 10 leater of the	riebles.		130 RETURN
OME . To choice, euer			140 EGLECT 4
emptrem • 22 empteur • MDL ICATE: Co	100.000		141 USE DIRECTOR
Chack 14 ALL databa	e files elesino		143 1F NOT FILE( "res_aloc.dbf" )
IF ( F FILE ( TENESTS, REF 2) . AND ( F FILE ( TENESTRY REF 3) . AND ( F FILE ( TENESTRY REF 3) . AND ( F FILE ( TENESTRY REF 3) .		(C.BINECTOR, 08F'))	144 347 (346/7)
DISSING . OF . TEL GE			
No mers det bille aussing de	9.0		148 6 0.0 SAY "NPS_NISC. DAF file not found. Check the User's Nanual"
			CLOSE ALL
Open members databas	. (110.		120 0011
4 IF MOI FILE ( TEMBERS, MPF ) 5 minsing day o "MEMBERS, MPF"			152 SELECT S
n. 01	7		153 USE nes_alac
AETURA			155 IF NOT FILE ("MELATEL. VAE" ) . OR. norelatel = .T.
12003			154 SQLECT 2
Market I			150 SELECT 3
Open INDER filets).		<b>1</b>	
I I FILE COFFICULT.	33 .CM. ( ) P.M.E.( D.C.) COM(3)	1 . M. CGR 13 . CM. 1	•
0 19.0 CLEAR TO 23,79	•	- 1	
17.8 SAT "Chacking/creating structure; index file(s) C- wall TimpOuT ;	resting structural in	Man filets) Cutum We/M	164 EADIF
			1.5 CLOSE DATABASES
NOW - NOW!) IF NOT FILE: "NEMBERS.CDI	•		16- HSet up second environment 167 JF NOT FILE: "MELATE2. ME" ) . CR. norelate2 + .T.
. MON.O SAY (Creating	Structural Index 'ME	BERS.COH 3	140 SELECT 1
100ET DE SAY TAGRETIGE	. COLOR W/NE		169 USE sembers ORDER 1
INDER ON LAST, name-fir	of name TAG no	A ADDITIVE	171 SET RELATION OFF INTO members
INDEX ON STRICLESS SEEN TAG close ADDITIVE INDEX DN STRICLESS) SEAT NAME (15 of name TAG close ADDITIVE	n TAG class ADDITIVE	Selven Applifue	172 USE curricul IN C ORDER I
INDEE ON LICESON TAG L	ice ADDITIVE		174 USE DIRECTOR IN D
INDEX ON wheelast name	-first name TAG uten	Annilius	

```
### SET MEANION TO DUC 1870 CALLAND AND THE FOREIGN CONTROL AND THE CALLAND AND CALLAND AN
```

MPS\_OPEN.PRG 1 of 1

and if

Bo statine with lastractrachumote, isdeleted

Bo 0.50 SAV and Americ

a --Chack for dualicate record.

Bo will E. T.

Bound SAV sayPable, Press (Sac) to about \*SPACE(S); CO.OR H-/BG

a --Chack say field advises

Bo ness lasy field advises

Fishlant OR. NOT launtoue

Elif FoxDoc version 2.10 Introduction of the control of the c the control of the co Procedure files Cs VTARS UPS, APPE. PRE Proce 6 Fects, 1475\_5471 , 1475\_5472 , 1475\_5473 , 1475\_5473 MAS FORMAL MAS FORMAL MAS FORMAL MAS FORMAL MAS FORMAL MAS SAVI MAS SAVI MAS SAVI MAS SAVI MAS FORMAL MAS FORM Set by: IMPSOC.PMG Caller

DOUGH OF THE STATE in ---Found a duelicate record in the file.
DO CASE CASE area = "!
TO CHA(1)
WHY "BUPLICATE SSN. Change value to proceed," WINDON TIMEDAT Change value to proceed." WINDOW TIMEOUT These lines inactive for speed on 80284 Change value to proceed." , it prompts for field inputs n ---Check for duplicate key in master file. SEEX expr IF EDF () isdaisted .OR. LASI.EV() = 27 m ---Reset offset so as not to recousofs = recousofs = 3 H --- Condition to suit inner lose.

If choice 0 "Ef" treturnier

Exit

Dible Lasditad . F.
Lasditad . F.
Eff. Chiston Du
CAE Choice D "F"-returning
H --Finished, Add-another.
IF .NDT. isdalated
DD nes\_check If Choice - Tmuseummannement of the Comuseummannement of the Comuseum CASE deferes \* "2" 77 CHE(7) WAIT "DUPLICATE UIC. APTEND BLANK BD APS. FEBT 1 sedited \* .F. SET CURSON ON 

Called by: NPS\_APPE.FRE Procedure: MPS\_SAY3 PROCEDURE no. 4492
1 set co.ch to N.19
1 set co.ch to N.19
1 set co.ch to N.19
1 set sen senes
1 set senes
1 senes
1 set senes
1 senes

77 CIG(7) WAIT "DUFLICATE hay encountered. Record not eaved." WINDOW TIMEOUT

\*

is defense = "2"

If (LEWIALTRING match )) < \$) .OR. (EFFTY(ALTRING mect\_name ))) ;
(EFFTY(ALTRING mooch))

77 CHR(1)

WAIT 'incomplate or alsaing data. Record not moved."; MAIT 'Error in Curriculus. Record not saved.' UINDOM TIMEOUT satisfact  $\alpha$  . I.

Considers   Dept. PRIC. PRIC	CASE esticionica e 'M' In
Call is   WF, FORM2   Greecade   is   WF, FORC, FME   FME	SKIP - SCOOL - MCDD - SCOOL - SKIP - SCOOL - SKIP - SCOOL - SC
100   100	D. Server of MITH MOM. old-recruse D. Server of MIT
1   10   10   10   10   10   10   10	20 case of 1
SAVING	
WEST	
1, 1973,5828	CASE editchoice . "P"
DESCRIPTO   Correctant of MET, PRIC. PRIC.   108   119   1	aldracous - MEDIO()
1   10.05   51.08   Governor in 10.75   70.00   70.05   11.0	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
M. 1845, KEYS 1847, 1845, GETS 1847, 1845, RGA, 1847, 1847, 1846, L	DO sevest WITH MOM, eld-schue
n new ten	
. UPDATEMEC	isedited . F.
i	CASE editcholce • "E"
28 m. Bocusented 01/28/92 at 09:00 FaxBoc version 2:10 116	# Edit the record.
m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.	BO nes_stor
31 PARMETER treatted	
_	nChack for dupitcate record. Do CASE
MON - prosptravi	CASE abieros . "L"
	Layrou + esen
77 m Sat Capsleet off	taynow - mulch
38 • CAPSLOCK (.F.) 39 • CAPSLOCK (.F.) 39 • CAPSLOCK (.F.)	CASE deferes = "3"
921 05 07	DISCASE
41 DD CASE GAVEN - 1 130	BO WHILE .T.  6 ROW, 0 SAY "EBIT: Press (Esc) to about**SPACE(S2) COLOR M-/BG
43 D0 nos, format	SET CLASOR ON
	N Enter toy field values. BO nes toys WITH outs, isblant, is and our
	if ever a ternou 6614 eriginal ter value
# CVE @ver	Der F
DO BINCTON	If tablent .ORNOT. tounique
SO BETWEEN 130	Evolv
\$2 STORE "" TO editchelce, marchelce	H Check for deplicate tny in master file.
ST recover + RECNO()	SET BELETEB OFF
SS DO LANIE T	15 EGT ()
Se ON KEY LAMEL 41 DO NIP WITH "Edit"	m Mo duplicate key found, so leave.
57 DG 54/FK	SET DELETED ON
59 IF .NOT. (aditchoice 6 'MP')	1111
4) ENDIF	ELSE H Found a dealicate factord in the file.
62 SET CURSOR OFF	DO CASE
63 0 MGM.0 SAY "EDIT/VIEW: (E)dit (F)ind (G)ate (M)ext-record ".;   151	22 CAE(2)
	MAIT "DUPLICATE SSW. Change value to proceed." WINDOW,
	THEOUT 2
CLOSE DATABASES There lines excluded for speed on 80286	UAIT "DUPLICATE UIC. Change value to proceed." WINDOW ;
*SELECT Labi er ea	CASE COFFEE "3"
	27 CAR(7)
	White particular territorium. Chenge value to process. 1
CASE editchoice • "F"	TIMEOUT 2
77 DO nes nate with AQUI natechoice 165	CO oldrachus
If ndicholce ) *0*	Evolt
	EMERO If tublant
16 (06:0	indeleted . T.
DD sayling with ROW, "No find."	
GOTO eldrecnus	Dio13
	IF HOT LASTREY() = 27
Jacobi Deadline	
£1012	DO updaterec SEClears recall dates with new la

MPS\_EDIT.PRG 1 of 1

9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	See by angle   See	". Procedure file: C. VTAIS UPS_BIQU.PR	•	2 =	BG WHILE chaice & westow/downerrow e MOM, O SAY
Coling   C	### CALL NO. CONTROLLED ### CA			2:	If chaics - warraw
California   Cal	California   Cal	a, Freca & Factor PAINT		2 2	
California   Cal	California   Cal			* *	CASE BOTO
Call   March   Cancel   March   Cancel   March   Call	Call   March   Concessed   March   Concessed   March   Call   Ma			Z	£010 TQ#
California   Cal	California   Cal	_		•	CASE NOW > routop
Call   Maria   Concease   Carl   Maria   Maria   Carl   Maria   Maria   Carl   Maria   Maria   Carl   Maria   Maria   Carl   Maria   Carl   Maria   Carl   Maria   Maria   Carl   Maria   Carl   Maria   Maria   Carl   Maria   Carl   Maria   Maria   Carl   Maria	Call   Maria   Concesses   Maria   Concesses   Maria   Call   Maria   Canada   Maria   Canada   Maria   Canada   Maria   Canada   Maria   Canada   Maria   Canada   Maria   Maria   Canada   Maria   Maria   Canada   Maria   Maria   Canada   Maria   Maria   Canada   Maria   M			#	NOW - NOW - 1
				_	
Control   Cont	Control   Cont	Caller MD	procedure in 1875 (MLC. (ME)		1 M
1. Section   1.	1.   1.   1.   1.   1.   1.   1.   1.	. Action	procedure to MPS PROC PAC.	9	
1,000,000   0,000,000   0,000,000   0,000,00		SECON SAME	secretare to MPC PRIC PRO	3	25
1,000,000   0,000,000   0,000,000   0,000,00	International of the property of the propert		Procedure in MPS PROC PRO)	3	DO CASE
December of 17.297.2 it 50.00   Groceder is 18.3, 100.785)   100. Code 100 of 100.000	December of 19,12 of 50.00	SAN 146	procedure in MPS PROC. PRG)	8	CASE EDFO
	Comparison   Comparison   Conception   Conception   Comparison   Com		procedure in MPS PROC. PRG)	3	60T0 60TTON
		", VIEUBROW	procedure in MPS_PROC.PRG)	101	CASE NOW C reubottee
December 2012/17.2 if 501.000   Flable version 2.10   Original 2.10   Origin	December 2012/17.5.1.0.10.00	i		3	MOU = MOU + 1
March   Marc	March   Marc	Documented 01/28/92 at 09,00	Fordoc version 2.10	\$ :	
March State	March of any other control of the			? :	Parate -
Main and the present and analysis of any control and any con	Month   Mont	PRIVATE pencel pensex.peniest, rech	recoustast, stipracs, 1	=	DOIL
		hose, endtey, uperrou, dounerrou, le	row,righterrow,	=	8 MON.O SAY CHR(16) 56 record pointer sym
1	17   18   18   18   18   18   18   18		rokes, pagepalnt, ,		BU BETTEN MITH CROICE, FOYET OR BE
19   Section   19   Code Chaics   19   Code Chaic	19   Cold Chairs   1.00 Cold			=	# Promot line selections.
17 CASE	17 CASE			=	DO CASE
Mark	#### PINETION can not be ented "HERDY ITEMAT" 2   11   11   12   12   12   12   12			=	
1	10   0   0   0   0   0   0   0   0   0		IMODE TIMEOUT 2	2 2	
12	12	3		2	6 0.40 SAY BATE() COLOR N/H
12   12   12   12   12   12   12   12	12   12   12   12   12   12   12   12	a Initializa constants.		2	4 0.48 SAY COLOR W/U
10   10   10   10   10   10   10   10	100   100	None - CMC(1)		2	SET DISPLAY TO EEACS
### ### ### ### ### ### ### ### ### ##	CASE COLOR   CAS	STATES OF STATES		<u> </u>	-
	Interest	denseron • Dates		2	
International Continue   Contin	150   150	Infraction = Cife(19)		2	
1	International content of the conte	righterros + DR(4)		7	#SELECT Edulares
13	13	keystrokes . "FGM" * uperrow* downarrow* ha	serlafterrow,	53	
### Characters	### Characters   131   Characters   131   Characters   132   Characters   133   Characters   133   Characters   133   Characters   134   Characters   135   Character	right arrow-andley-padn-paup-delracer	doreturntay	3	Ent
	12   12   12   13   14   15   15   15   15   15   15   15	- corpor		5	CASE chaice . F.
		rombotton • 21		21	H Find a record.
Main		romeromet a romottom o 2		1	TO MAKE WITH FORMY CHOICE
					CONTRACT OF THE PROPERTY OF
137	### 17.	# Initialize local variables.		2	DO nes_seek WITH rouproset
### 139 #### 130 ##############################	### 139 BD sayline BITH ro  ## 1.	MOL - routos		137	17 6070
### 1 Foreign ### 1999   ### 1999	## 1	recome • MENDO		2	SO sayline WITH rouprospt. "No find."
### ### ### ### ######################	### ### ### ### #### #################	rechustes " rechus		ŝ	
1.0   1.0	1.5   1.5	properties of		2 :	e respression to the second
14		ancal e 1		3	
144	144	periost " I		7	rechustes . RECHO!)
145   200   150	145   Public	DO CASE		<u> </u>	populat . T.
144	144   CARE Choice   145	CASE deteres . 1.		¥ :	
### 2   19   19   19   19   19   19   19	140   CARE Chaics   150   CARE Chaics   150   CARE Chaics   150   CARCANA			* :	DOI!
14   15   15   15   15   15   15   15	150   150	PARTY - 7		2	CASE chaice . 'S'
150	150   F records   151   F records   152   F records   152   F records   153   F records   154   F records   154   F records   154   F record   155   F records   155   F rec	CASE Colores - 3.		1	DO dogoto WITH respresst.recous, lastrac
15.5 ANY - NUMBER OF STATE OF	151  152  1	panes . 1		2	IF FECTION > 0
2.00 TO MAY JULY 1.00 MAY JULY 1.00 MAY JULY 1.00 MAY 1.0	2.08 TO MINIMAL STATE OF THE STATE OF THE STATE OF SAY "FILS". COLOR W'AN  1 SAY "COLOR W'	DDC AST		<u> </u>	recount op a MECHDO
9 SAY "Fils." CALOR W/N  155 CAN  156 SAY DECEMBER W/N  157 FILS." CALOR W/N  158 CAN  159 CAN  150 SAY "BELTEVIEW RECORDS" CALOR W/N  150 CAN	155 CM  157 TFILET CALOR WINN  158 CM  159 CM  150 SMY TRIET CALOR WINN  170 SMY TRIET CALOR WINNE  170 SMY TRIET CALOR WI	SET COLOR TO U/W M/U			
847 '71 tal 'COLOR U'/N  847 '71 COLOR U'/N  847 '71 COLOR U'/N  847 '71 COLOR U'/N  847 '71 COLOR U'/N  847 '72 COLOR W/W  848 '72 COLOR W/W  848 '72 COLOR W/W  848 '72 COLOR W/W  848 '72 COLOR W/W  849 '72 COLOR W/W  849 '72 COLOR W/W  849 '72 COLOR W/W  840 '72 COLOR W/W  841 '72 COLOR W/W  841 '72 COLOR W/W  841 '72 COLOR W/W  841 '72 COLOR W/W  842 COLOR W/W  843 '73 COLOR W/W  844 '73 COLOR W/W  845 '73 COLOR W/W  846 '73 COLOR W/W  847 '73 COLOR W/W  847 '73 COLOR W/W  848 '73 COLOR W/W  848 '73 COLOR W/W  849 '73 COLOR W/W  840 '73 COLOR W/W  840 '73 COLOR W/W  840 '74 COLOR W/W  841 '74 COLOR W/W  842 '74 COLOR W/W  843 '74 COLOR W/W  844 '74 COLOR W/W  845 '74 COLOR W/W  846 '74	SMY "File." CALOR U-/N  SMY "File." CALOR U-/N  SMY "FI" CALOR E4-/N  SMY "FI" CALOR WIND  SMY "FI" CALOR WIND  SMY "FILE (MALE MACCINE)  THE (MALE MACCINE)  SMY "FILE (MACCINE)  SMY "FILE (MACINE)  SMY "FILE (MACCINE)  SMY "FILE (MACINE)  SMY "FILE (MACCINE)	CLEAR			CASE choice . "H"
SAY "TI" COLOR MAN 156 SAY "TI" COLOR MAN 156 SAY TI" COLOR MAN 156 SAY COLOR MA	SAY "FI" COLOR MAN 156 TABLE COLOR WAY 157 COLOR MAN 156 TABLE COLOR WAY TOLING TABLE TA	4 0. 0 SAY "File," COLOR 4+/N			m Change acresm display mode
SAY - CALAB MAY   SAY	SAY "COLOR MA"  SAY "COLOR MA"	6 1. 0 SAY '(F1) for help' (GLOR He/M			20 viewbrow
0.46 Set " - COLOR M/W   159   160	0.46 SNY - COLOR N/V E	6 6.46 SAY DATE 0 CO OF WAY		_	Cast chairs a delineard
#Loo will Catum) is pressed  #Loo will Catum) is pressed  #Loo will Catum) is pressed  # #Loo will Catum) is pressed  ## # # # # # # # # # # # # # # # # #	#	6 0.46 SAT . COLOR N/W			# Delate the record.
161   162   163   164   165	#Loop until Cheturn) is pressed  MEY LABD. (1 DO his will' "Date"  164  165  167  167  168  167  168  169  169  169  169  169  169  169	0 routop-1,30 SAY "DELETE/VIEW RECORDS"	COLOR W+/N		IF DELETED()
162   163   164   165	162   163   164   165			3	MECALL
		DO MAILE .T.		3 5	11 K
				3	CASE deferes - 1.
COLUMN   C	DO Bell   DO B			591	DELETE
(K) ode (Arrows) (PpDn) *1, 172 04.08 16/86 174	(H) odm (Arrians) (PgDn) **, 171 0.08 H-/BG 174	GOTO rechasta		3:	CASE deferes - '2'
(K) ode (Arraws) (Palh) "1,	(N) ods (Arrows) (PgDn) **, 173 04.08 Hr/BG 173 175			•	Bulc * Activity.cic
170 171 173 0.00 Hr/b6 (Arrows) (PgDn) **, 173 174 174	(N) ode (Arrows) (PgDn) *1, 173 173 173 173 173 174 173 174 174 174 174 174 174 174 174 174 174	SET COLOR TO U+/N.N/U		! =	SET CROSER TO S
121 172 173 04.00 U+/86 174 175	(N) ode (Arraws) (Paln) "1,   172 OLOR 11/16   174 174	CLANSON OFF		2	SCEX mulc
(R) ode (Arrowe) (PgDn) *1, 173 04.08 Hr/86 174 175 175	172 0LOR H-/BG (Arrows) (PgDn) **, 174 0LOR H-/BG 174 176 176	6 rouprompt-1,0 SAY promptber		2	IF NOT FOUND!
0.00 U/BG 173 174 175 175 175 175 175 175 175 175 175 175	0.08 H-/BG 174	e roueromet, O SAY ,		2:	SET DROEA TO Lockorder
175	175	et all olors builts individually.	arams, (rem)		MALEL I
***	948	CAMPA CAMPACATA			DETENT.
		And another utile should be another	-		

```
"Needers exist in CURNICILIA". Can not delete." ;
JACON TINCOTT 2
DOUGH TO Endocreter
                                                                                                                                                                                                                                                                                              (procedure in NPS_BROW.PRG)
unil Thebers acid is UIC. Can not delete.";
HINDEN THEOUT 2
SET CHOOL TO Lesicréer
SELECT 0
```

MPS\_BROW.PRG 1 of 2

Column		-t CNIt.
Set by #95.000   Set	Proce & Sector	90 BO gorecells  1 and a new borness and a little and a new borness and a little and a new borness and a little and a litt
### ### ##############################		92 SET FILTER TO ((Last_t2 < GONOATH(DATE(),-12)) ;
### ### ##############################	•	
### ### ### ### ### ### ### ### ### ##	-	
Set by, we'se, me		
Set by, Weight (1)  Set by	•	
Set by, WESC, ME  SET CAMP, WESC, ME  SE	•	•
Set by: wFGC. THE  Set by: wFGC. THE  Call: NA  Call: NA		
Set by, wPSC, PNE   Concessed in NP, PNC, PNE   Contessed in NP, PNC, PNC   Contessed in NP, PNC, PNC, PNC   Contessed in NP, PNC, PNC, PNC   Contessed in NP, PNC, PNC, PNC, PNC, PNC, PNC, PNC,	•	
Call 1 M. W. WASK. THE CALL IN THE PROCESSES IN THE PROCE	•	
Citis with the process of the proces	3	
CHILL MAP   Grocedwe in NET RECARD   100		
1	a, Celle, MC	
Companies   Concessed   Conc	m. RECALLS, MEMU	
	a. GETKEY	
	10 May 1	00M3
	000000	ACT CLASSON DA
	n: PR610P	
11.0   10.0	* CONECALLS	Dio17
	n nec Lists	ON KEY - 315
### ### ### ### #### #################	י אני ייניים י	is set terment to
11   SET COMES TO PAY	m, Bocusented 01/28/92 at 09:00 FouDoc	CASE choice . 2" . OR.
10   10   10   10   10   10   10   10	计多数 化氯化物 化多元 化多元 化二甲基甲基 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	SET CURSOR OFF
10 CGG   1		
13   15   CALCAD TO BANK   13   13   15   CALCAD TO BANK   13   13   13   CALCAD TO BANK   13   13   CALCAD TO BANK   13   CALCAD		CASE choice • 37 .08. choice
13.0   SET COLOR TO NOTE	2 - 700 - 1	SET CURSOR OFF
SET RELITED DO NOTE: COLOR WINE   123   00 OND - 124   00 OND - 125   00 OND -	7 crief * 'nEvieEns.Def"	SET COLOR TO W+/N
	B but a "NEM_BUI DAF"	8 24.0 SAY "LORKING
	Waster March 16 of Section 10 and 100	
	I ENGRAN, ACPORT FACALLI	
STITISMA, MEYON FREELING   Description   D	2 EITERNAL REPORT FOCALLE	R   nastantan and
133	13 EXTENSEL REPORT FOCALLS	7
13   Called by New Jacks   13   Called by New Jacks   15   Called by New	H EITERNAL REPORT recalls	
DO Greelly Choice   O12EPPV   DO Greelly Could	A DA KEY LAMB. 41 DO NIB MITH "Raca"	
10   10   10   10   10   10   10   10	Do recalls menu	
10 CASSON OFF   13 FINISH CA.   13 FINISH CA	D Bo pathey MITH choice, "0123EPRV"	
CASE Choice = '0' OR. Choice = 'E'   197 CLAR   198 0 0.46 StV DREIL COLOR NAU   198 0 0.46 StV DREIL COLOR NAU   198 0 0.46 StV To Choice   'P' C	9 6 10, 42 SAY choice	135 PROCEDUME recalls_earn
## CLOREGIN OFF ## CLOREGIN OF	CACE Chalce a "O" The chalce a "F"	130 TRIVALE LUC.
### COLOR TO NATION  ### COLOR NATIONALING  #		
0. 57.0 SAY 'JOKE ING 'COLOR W/Man   1.0 TO 10.79 DOUBLE COLOR EA/M   1.0 TO 10.74 DOUBLE CO	SET COLOR TO M+/N	•
### 10 ESCAPE  ### 10 FECTOR   10 TO	6 24.0 SAY "MORKING	H Center the serve heading.
### SET FILETR 10 ### SET FILETR 10 ### SET FILETR 10 ### SET VIEW 10 relates		E
## DELETED OF ## SET DELETED O		142 LUL. * (80 - LEN(meruhog)) / 4
### SELECT Sections 1		
### SECOND TO UNIVERSITY COLOR MAYING    144		145 & 3,40 GAY - COLOR 6+/N
147 ECT CLORE (TO 16/14/AV)   149 EST CLORE (TO 16/14/AV)   140		146 @ 2,COL SAY menuhda COLOR GR+/N
### SET CLOSED OF SET CHANGE OF SET CHANGE OF SET CHANGE OF SET SET CHANGE OF SET CHAN		147 SET COLOR TO U+/N,N/W
### 50.00 TO Williams  ### 50.00 TO Williams  ### 50.00 TO Williams  ### 50.00 Williams  ### 60.00 Williams  #### 60.00 Williams		48 8 3, 3 M7
15.0 SAY - MONCING ** COLOR W/Name   15.1 COLOR CAPA / MILESTER   15.2 COL ** 15.4 COLOR CAPA / MILESTER   15.5 COLOR CAPA / MILESTER   15.4 COLOR CAPA /		ISO B 6. 3 SAY "(Alt.F1) for functions"
17   1.5	# 24.0 SAY "LORKING" COLCH M/NH	
153 of 5.00. SAV '0. Edit to main annual to percent database to hard dist before "1,   154 of 5.00. SAV '1. Print recalls"   155 of 5.00. SAV '1. Print recalls"   156 of 5.00. SAV '1. Print recalls   156 of 5.00. SAV '1. Print recall sAV '1. COLO GAV'N   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard dist before "1,   156 of 5.00. SAV '1. Print recall database to hard distributing the scape of the same	IF NOT LASTKEYO - 27 6614 not	ö.
### \$ 1,000 - 3   1,000 - 3	BO prochk	•
## 7.0 SAY Tacking us current database to hard dist before "s,   154 6.00. 13 SAY "COLOR GRIVH "Printing recall a."   154 6.00. 13 SAY "COLOR GRIVH   155 6.00	-	• •
157   0 7,000 - 647   2. PAINT most recent rec   158   0 7,000 - 647   2. PAINT most recent rec   158   0 7,000 - 647   2. PAINT most recent rec   158   0 7,000 - 647   2. PAINT MISSING CONTROL   158   0 6,000 - 647   2. PAINT MISSING CONTROL   158   0 6,000 - 647   2. PAINT MISSING CONTROL   158   0 6,000 - 647   2. PAINT MISSING CONTROL   158   0 6,000 - 647   2. PAINT MISSING CONTROL   158   0 6,000 - 647   2. PAINT MISSING CONTROL   158   0 6,000 - 647   2. PAINT MISSING CONTROL   158   0 6,000 - 647   2. PAINT MISSING CONTROL   158	8 7.0 SAY "Backing up current detabase to hard disk before	•
0.0 det bu with figurarief bud   150 de bu	"actotine recalls"	
6.24.0.5AV 'MDRKING COLOR W/New   159 0 0.00.5AV '3. Visu/ddit recall data   150 0 0.00.5AV '3. Visu/ddit recall data   150 0 0.00.5AV '3. Visu/ddit recall data   150 0 0.00.5AV '4. COLOR GA'/N   161 0.13 5AV '4. COLOR GA'/N   162 0.13 5AV '4. COLOR GA'/N   163 0.13 5AV '4. COLOR GA'/N   164 0.13 5AV '4		•
#\$7 UPLO 0 1 2 4 4 7 7 COLOG GR/M   140 0 0 1 2 4 7 7 1 COLOG GR/M   150 0 1 2 4 7 1 2 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•
		•
CLEAR SET CONSIDER OF SET CONTROL OF		• 5
SET CONSON OFF SET CONSON OFF SET SECURE SET SET SET SECURE SET	,	
SET ESCAPE ON SET IN CONTROL CALLED THAT SET IN CONTROL OF SET IN		, ž
STORE T. TO serintcht.serint  DN EMON DD proprob  Librarant arror message if prints  160 H  170 H	135	m-numum-
LA LONGE DE Proprio LA Proprio LA PROPRIA DE PROPRIA DE LA	STORE .T. TO mprintent.mprint	7
ter present of the contract of	on EMEGRICO proprob	
tey present maintaining and a second maintaini	Che ESCAPE DO prostop 16	
M. 120 Land Land Land Land Land Land Land Land	tey pressed	-
UNITED TO THE SECOND SE		
94 =Do recald at Depinning of lath manth state last t2   172 ml		172 ml PROC.PRO.
- AECTAN	SET FILTER TO (Clast, t2 C CANDING CANDICO, -13))	

Effrinter chacklish Effresent error emisses if prints Effresent error message if prints 165top printing if escape key pre DO WHILE serintent .NNO. serint

H --Print recall list

CLEAR

If serint

9 0.24 SAY "Printing " + rectype + " listing ..." COLOR W/N

6 1.24 SAY "Press (Esc) to abort" COLOR W/N

FIFE Greetype TO PRINTER

serintent = .F. (procedure in MPS\_MECA.PMS) (procedure in NPS\_PROC.PRG) (procedure in NPS\_PROC.PRG) 1 If NOT LASTKEY() = 27 talf not access bey pressed

RESAGE "Scroll or press Nightishted letter to solver
"to print" COLON NoTE, NoV/RE, NoTE, N Marinter chacklist Marinter checklist Wrinter checklist Lerinter checklist . COLOR 6+/N 

MPS\_RECA.PRG 1 of 3

15   15   15   15   15   15   15   15	Attipres a readation of 2  Attipres a readation of 3  Attipres a readation	6.35 E.S.  6.45 E.S.  6.47 CALOR TO MANAW  1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
### TOWN	MPEAT/UNTIL (cond)". (G)oto (N)oda (Agroum) d pointer	
Procedure   GONECALS	EPEAT/LATIL (cond)". (6) ato (7) adm (Arrows) d pointer	
Called by: NPS_RECA.PMG  Called by: NPS_RECA.PMG  Called STTPEN  Uneas takeFILE_DMF  Report Fores: RECALLONY_FRI  Intities or call-CALLONY_FRI  Datile = "recall-CALLONY_FRI  Intities = "recall-CALLONY_FRI  Datile = "recall-CALLONY_FRI  EMPT FIRE TIPE TO Book Fri  SET TETTEREDE OF Fri  CITE TO BOOK recall CALLONY_FRI  SET TETTEREDE OF Fri  CITE TO BOOK recall CALLONY_FRI  SET TETTEREDE OF Fri  CITE TO BOOK recall CALLONY_FRI  Datile ADT COT ADDRETICAL CALLONY_FRI  SET TETTEREDE OF FRI  CALLONY_FRI  Datile ADT COT ADDRETICAL CALLON US/M  SET TETTEREDE OF FRI  SET TETTEREDE OF FRI  CALLONY_FRI  Datile ADT COT ADDRETICAL CALLON US/M  SET TETTEREDE OF FRI  SET TETTEREDE OF	KPEAT/LATTL (cond)". (6) ato (7) adm (Arrows) d pointer	
Calis STPEN   Greedure in NFS_PROC.PGS)   258	Frics (6) ato (17) adm (Arrows) d pointer	
Uses: & EMACTIE. DBF   State	Fracs (Gate dilada (Arrana)	
Report Forest RECALLCAT FRI   State	<b>î</b>	
CONTY-   184"   254	<b>î</b>	2
	oto (N) oda (Arcous)	
Titling of most   Total   To	oto (M) oda (Arrous)	# Tournel of Little    ESE   Factories   Factories    Factories   Factories    EDGIF   Factories    Factories    Factories   Factories    Factori
100	oto (Nocha (Arrone)	LESE Transmitton - MECHOLI DEBUT DEBUT Transmitter Tra
	oto (Mada (Arrowa)	EDDIF  CASE chaice "S"  To construct to GLEAR  CASE chaice "S"  To choose will rowermate, r  To choose will rowermate, r  CASE Choice = PSCHO()  PASSE Choice = PSCHO()  PASSE Choice = PSCHO()  EDDIF  CASE Choice = PSCHO()  EDDIF  CASCHARGE  SELP-CCC  EDDIF  CASCHARGE  FECTION  FECT
	oto (Made (Arrowa)	•
TETINGGE ON   TETINGGE OF   TETINGGE ON	oto (Node (Arrose)	•
	oloter	
Section   Section   Cont.   Section   Sectio	olnter	### reconstance = MENDO   #### pagepaint = .T.
	6) 66 Set record pointer olca.teystrotes scrd pointer. usarroudomerrou errou	444 CARE Choice - pede 471 CARE Choice - pede 472 CATO - ccounts 473 SATE - ALFON CO 474 E CATO - CCOUNT CO 475 CATO - DOTTON CO 476 CATO - CAT
	olca, keyatrokea scrd pointer. usarroadounarroa arroa	471
F mprint	errou errou	473 EKIP aktorecs 474 IF EGG 1 475 EGG BOUTON 475 EGG BOUTON 476 TECHNISCO - RECKOL) 477 TECHNISCO - RECKOL) 478 TECHNISCO - RECKOL) 478 TECHNISCO - RECKOL)
# 0.45 SM 'Press (\$4.5) to about 'COLON W/M'    1.   2.   2.   2.   2.   2.   2.   2.	erou ranka M - 1	475 GOID BOTTON 474 BODIF 475 reconstone RECKOLI 475 reconstone (RECKOLI) 475 reconstone (RECKOLI)
	9	470 EMBERGO - RECKD(1) 478 recomment - T.
## CALL   CACAL   CALL   CALL	rada B- 1	476 pagealnt a .t.
	reakes M - 1	
SET TELLIFENCE OFF SET TELLIFICATION OFF SET		480 CASE choice * peup 481 LF .MOT. BOF()
134		462 6070 recounts 403 SKIP -stiprecs
UNBA		444 IF 905 () 445 6010 TOP
Proceedure: NPS_CREC   400		484 DDIF - MCND() - 487 recount top - MCND()
Called by: NPS_RECA.PNG 603  Calles NPS_RECA.PNG 603  Calles NPS_RNG (procedure in NPS_PNGC_PNG) 603  ACTURED (procedure in NPS_PNGC_PNG) 605	10n	pageoint - ExDIF
Colls: MPS, AMEA (procedure in MPS, PROC. PRG) 404 i PLUP (procedure in MPS, PROC. PRG) 405 i PLUP (procedure in MPS, PROC. PROC. PRG) 405 i PLUP (procedure in MPS, PROC.	respector.	490 ENDCASE 491 ENDDO
PROCEEDING (procedure in NPS PROC. PRG) 406		492 G010 10P 493 RETURN
		494 mistantantantantantantantantantantantantant
(procedure in NPS_PROC.PRG) +08	A(16)	496 XI Procedure: RECDISPLAY
PS_PROC.PRG) 409	choice, teystrokes	497 ml Called by: NPS_CMEC (erocedure in NPS_MCA.PMG)
(procedure in NPS RECA PRG) 411	selections.	
(procedure in NPS, PROC. PRO) 413		œ
PS_PROC. PRG) 414 1F PS_PROC. PRG) 415	39 .OR. rowbottom = 44	\$02 PAMANETER MOM.ilstracs \$03 IF listracs > 1
	6 0.40 SAY DATE:) COLOR N/U	504 m Display heading when listing the entire page. 505 CAT COLOR TO U.A.M.W.
	TO EGA25	506 6 1, 0 SAY "(F1) for halp" COLOR W/N
tes acronalast, skiprecs, , 420		507 6 1, 1 SAY "FI" COLOR GR+/N 508 6 0,40 SAY DATE() COLOR N/W
home, enderey uper ou, downstraw, left arrow, right errow, i 421 CASE choice - "N"		509 6 , 68 5AY " COLOR N/U
NUM. Fourdo, Foundetton, Foundet Say		511 d route-1.0 SAY Records "
15.85 425 EP	<u>-</u> -	"RECALL'S MECALL."
426	72 CHR(7) UAIT 'Rode change not available during editing.' WINDOW TIMEOUT 1	514 mClast the window eres.
428 EM		2
0.00	ECIO ()	SIE N Display the records.
	dow WITH warn_cnt	\$20 \$ET COLOS, TO U/N,N/U
dough ar row + CMR(5) 434 ENDIF CAREN		521 @ MOW-1,0 SAY "" 522 LIST NEXT listracs sen,"", PADR (SUBSTR (ALLTRIR (last_ness)+", "+,
	NOS BECA DRG 2 of T	

Called by: PS.CHEC Called by: PS.CHEC Called by: PS.CHEC viv. NW., NCCI	\$20 i) Procedure   Ell	TV Gerecell_31) . Oli. 1
I WE. MEET I WE WENT I WE WANTE THE MEET I WE WELL WE WE WE WELL WE	Occessor 6 No. 2, McA. 1745   1 SPTICHEGESIA. 27, 1740   1840   1	PFF(drecall.) (Ot. ) (   DFFV(drecall.3)))
MOT LASTAGN   - 27   ON KEY LAMBLE   10 DIS WITH "Edut"   Isadd Edd   - 1.   ROL   ROL!     FOR COL!   11 ANY "EBIT RECALL DATE:		Grocedere in 185, RECA. PRE)
Sussificies, name 1, 11, 15, 150, 150 May 0, 547 recell 1, COLOR M/W May 1,	PURCTION PARAFEE DO CASE CASE OF EETUR CASE ( 1  CASE ( 1  RETUR AETUR AETUR AETUR AETUR AETUR AETUR	recall_0)  recall_3 > BATE() . Of . o  EPTY(erecall_1) . Of . EPTY(er  . (   EPTY(erecall_4))
afar recall data data afar recall data data b. mul. d. far can data b. mul. d. d. far can data b. mul. d. d. far can data b. mul. d. far metall 2 FICTUME "1" whi libital rec2 b. mul. do far metall 2 FICTUME "1" whi libital rec2 b. mul. do far metall 2 FICTUME "1" whi libital rec3 b. mul. do far metall 2 FICTUME "1" whi libital rec3 b. mul. d. mul. d. mul. d. mul. "1" whi libital rec4 b. mul. d. mul. d. mul. d. mul. "1" whi libital record. b. mul. face data with mea  afamilies data with mea  afamilies data with mea  f. mul. face and y if there is a svallable record. b. mull face and selected. " window fingor i  bestited " F. F.	### (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(grecedure in MF_MEGA-MG)  111.4 > DATE(1) .CR. ,  DPTY(grecall_1) .CR. DPTY(grecall_
DEDIT CONTROL OF CONTR		Grocedure in MPS.(NECA.PNE)
	1 1	TO 12,64 DOUBLE MOPLONT MOGROUS CAUTION* COLUGE GRV/R Fecalls printing* COLOR GRV/R p for details? COLOR GRV/R a*
	(   DPTY(excell_33)	

OCI M (considerate for the constant of the con	69 april pand a (mentpand)/atotoano) m 100	91 REPORT FORM clas.cts	93 SET CLASSE OF THIS TOPOUT (V/A)	94 DD gattey HITH choice, "W"-raturatey	95 IF Choice a "V"	97 ON KEY - 315 MAIT THEIP not available" MINDON TIMEOUT	Ž	3				108 DO proret Wilh retness 109 CASE choice - "3" .OB. choice - "C"	2:	2	114 SELECT A	115 Mattype "Cla"	117 80 classoo	118 UD prnrpt UITM rptname 119 CASE choice = "4" . CR. choice = "U"	120 SET CURSON OFF 121 SET COLON TO 14-24			125 listtype - uic		128 CASE choice * "5" , OR, choice * "P" 129 SET CURSOR OFF	130 SET COLOR TO Nº/N	132 ON KEY - 315 WAIT THEIR not available" WINDOW TIMEGOT	135 MISTLYPE - Pen"	136 BO History 136 BO paneop	137 DO perset WITH retname 136 CASE choice * "6" .OR. choice * "A"	139 SET CLASCA OFF	141 H All Activities	143 SELECT 0	145 DO print WIN retness	146 CASE choice * 77 . OR. choice * 4.	140 SET COLOR TO No. No. 140 N	150 ON KEY - 315 WAIT "Help not available" MINDON THEOUT 1	152 retname "curicul"	153 BADCASE	155 ENDO	19.57 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	159 HI Procedura: REPORT_MENU	161 MI Called by: MPS_REPO.PMG	162 m 162 m 162 m 164	164 PROCEDURE report, senu 165 PRIVATE COL, senuhde	164 CLEAR	107 @ 0,48 SAY " COLOR N/M		170 seruhdg - "FIARS REFORTS RENU" 171 CO (80 - LEN(seruhdg)) / 2	172 4 1,0 To 14,79 DOUBLE COLOR 6+/N
	*	!						- 6		Grocedure in MPS_REPO.PRG) (brocedure in MPS_REPO.PRG)			ForDoc version 2.10	3	iti. Benekanni.	_cnt4.mect_or. 1	ount4.stotcount.,	pano, ; _cnt4,apct_cr, ;												. BV CITY OF THE COLUMN TO THE		•.		N/80			•		ì	U/N	,			unt Jose aunt 4 ai	27	o3 nteano3	000	8 8	907 =
	Procedure (1) a. C. WikeSup's BEPG. PR		Frace & Frets: ACPURITEND	- CISTO	DASSACT .	3	Sat by, MPSDC.PMS	Calls: MP	· GETKEY	Totale .	CLASSPOR	Asport Fores: CLAS_CTS.FRI	Bocumented 01/28/92 at 09:00	Wrogeas MS.MEPO.PMG (reports mobile)		mect_cnil.mect_cnil.mect_cnil.mect_cnil.me	STORE 0 TO acount), acount2, acount3, ac	nentpanol.mentpanol.aentpanol.aentpano. ; mett_entl.mett_entl.mett_entl.mett_ent4.mett_ent4.	mpct_panel.mpct_panel.mpct_panel Mpc TO limitime	Identify report forms to project	TERROR METORI ACTIVITY	FEMAL METORT all san-	ERM. AFPORT CLAS. nas	IERNAL NEPORT clas.son IERNAL NEPORT curricul	TERM REPORT PARTY	FINAL RECORD MC. AND	temen, report utc.san	T VIEW TO related T DELETED ON	SO DO LHILE .T. SI DN KEY LABEL 41 DO NIO WITH "Repo"	bo report, senu bo settey Wilh choice. "01234547ED	6 14.42 SAY choice	CASE choice * "0" .OR. choice * "E	SET COLOR TO U+/N	6 24,0 SAY "MORKING" COLOR W/NE	SET DELETED OFF	SELECT tenferes	CASE choice * 1" .OR. choice * "0	SET COLOR TO U-/N	s Operational readiness rep SELECY A	6 24,0 SAY "MORKING" COLOR W/NM SET ORDER TO 1	50 10	COUNT FOR class + 2 TO scount?	COLDAT FOR class * 3 TO accounts COLDAT FOR class * 4 TO account4	atotount * acounti-acount2-acount3-acount4-count4-count foll pane-"GRM" TO acoupanal	COUNT FOR para-YLW TO scriber	COLDS FOR PAROTIMES TO ACREPANDS Of Otpanoracritannolisers (parodiacritannol	met enti o (acamti/etoteant)	<pre>mpct_cnt3 * (acount2/mtotcount) m 100 mpct_cnt3 * (acount3/mtotcount) m 100</pre>	met.cott = (acount4/stotcount)

212 DETAILS INTERPORTED TO THE TABLE TO THE (procedure in MPS\_PRIC.PRG) Called by: MPS\_REPO.PRG Calls: BEACTFOR Procedure: L15TPOP

H/+9 WOTOD .

```
Effresent error essesse if prints
                                                                                                                                                                                                                                                      diffice printing if except bey pro
                                                                                                                                                                                                                                                                                                DO UNILE sprintent. AND. sprint
0 10,34 SAY "Feating report to printer..." COLOR Us/Not
0 11,35 SAY "Press (Esc) to abort" COLOR Us/Not
DO setpen
NEDRIF GAN Arptnass TO PRINTER NACONSOLE
DODO
                                                                                                                           SET ESCAPE ON
STONE .Y. TO sprint, sprintent
ON EMOR DO proprob
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Literat
                                                                                                                                                                                                                                                   ON ESCAPE BO prinstap
                                            1 --- Escape routine
       terocedure in MPS_PROC.PRG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Grocedure in INTS, PNDC, PNG)
(procedure in INTS, PNDC, PNG)
(procedure in INTS, PNDC, PNG)
(procedure in INTS, PNDC, PNG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MATTIRS retracts
NOT LASTREY! - 27 % 66 if not escape bey pressed
DO pracht
MATCHEN Checklist
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .Of. (class . 2))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .OR. (class - 4))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CAST marging to "Class 1 " Cast 2 " Cast 3 " Cas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ACTIVATE POWER PARCEL

(AE arcest - 'Sear 'SE' FILTER TO pare 'CM'

SET FILTER TO pare 'NU'

SET FILTER TO 'SE' SET 'SE'

SET FILTER TO 'SE' SE'

SET FILTER TO 'SE'

SET FILTER TO 'SE' SE'

SET FILTER TO 'SE'

SET FILTER TO '
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Called by: NPS. NDFO. PRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Called by: MPS_REPO.PRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Calle, PRACHK
, PRAPROB
, PRASTOP
, SETPEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Calls, DEACTPOP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Asset forms, LAPTHANE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Procedure: PMPOP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Procedure: PRESET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IELEASE POPUP classpop
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ACLEASE POPUP PANEOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100
```

4, the completed when being being some some than the being made and the selection of the complete co	0 TO 12.79 BOURLE COLOR 6./N	177 CASE aprompt . "Time change"
3 m. Procedura file: C. WINES WPS_UTIL.PMG	,	179 Buche
S at Proce & Facts, UTLATY MOSA	92 G Z.COL BAY MOS COLOR GRAZIN	180 MELENS PAPO SECOLUTE
Sen	x - 55 x	_
7 a PACK_POP	St. S. J. SAY (FL) for help.	165 Mil Procedure, PACK, POP
	97 6 6, 3 SAY "(Altofi) for functions"	
	TO 6. 4 TAY "ALCOT DECAME TO SELECT	186 al Called By: Was, Util. The
12 m; Sat by, 1890C.PMG	100 4 5,CO. + 3 SAY "E" COLON GR+/N	188 HI Calls: DEACTPOP (precedure in MPS, PRIC. PRE)
13 m; Callas MP (procedure in MPS PRIC. PRE)	101 @ 6,COL SAY "1. Beckee utilities	£
	103 6 7,COL SAY "2. Change password"	191 mi
- 6677.87 - 6677.87	104 & 7,03 + 3 507 (* 00108 550/N	192 at 1
SVJ SAN 1	104 8 0,COL + 3 SAY "P" COLOR GR-/H	19- PRICEDIAL pack pap
PACK, POP	107 @ 9,COL SAY "4, change date/time"	195 PRIVATE original originals and to as 44 fifty selected.
20 ": DATE, INE UPOCCOUNTE IN MPS, UTIL. PRG.	108 @ 7,CLL * 6 ant "H" CLLUK MAYIN 109 @ 10,CCL SAY "S. default printer"	170 LEVING TUTT PACK JOS FRANT 8,39 10 11,46 11111 301051 1
	110 & 10,CGL + 5 SAY *F* CGLOR GR+/N	198 COLOR N-/ DG, N-/
1. POT DESTRUCTOR OF THE STATE	112 SET CURSOR ON	200 (TIME DAR 2 OF pack pap PROMPT "Whenhors"
Program: MPS_UTIL.PMG (utilities sodule)	113 4 12, 42 SAY **	201 (2) INE BAR 3 OF PACK pop PROMPT "ACKTIVITY"
		201 DN SELECTION FOR PACK FOR THAT I WAS TAKEN THE SELECTION
ON KEY LAREL 41 BO NIP MITH "UK!!"		204 agroup, a "
	117 41 Procedure: Procedure:	20.5 G 16,35 WH
ON ERROR RETURN F.	119 mi Called by: MFS_UTIL.PRG	207 SET COLOR TO W-/ M. W/W
		208 6 13,0 CLEAR TO 24,79
33 W 12, 42 SAT CROICE	121 Ht Latter GEALITY GEREIGH IN MES.PHIL.PHIS.	210 BD CASE
35 CASE choice * ** OF . OR. choice * E*	225 BINGSBRI	211 CASE seromet - "All "
Sk SET CURSOR OFF	124 PROCESURE prinded will t	212 CLOSE DATABASES
S/ SET COLOR TO M+/N	125 M541 ONFAULT COT MATERN PRINTER 134 MEETING BORD ACADELLIS STORM & SA TO 13 33 71715 "SAILARS".	213 origina "Friedra De"
39 CASE .NOT. (chaige 8 '0168') .AND. ((no and e .7.) .DR. ()astrac e ())	127 MSSAGE "Scroll or press highlighted letter to select a default "to	215 Do wareing Will orients
46 77 046(7)	129 "printer" COLOR M+/86,44-/86,0/86,06-/M,M+/R,GR+/86	216 If chaice () "Y"
4) IMIT "NISSING MAININGS (S). Use Backup Unitities to restore ".,	129 DEFINE BAR I OF prodefull PROFFT "NESson E/F/1/RE/LG"	
41 CASE choice * 1" DB. choice * ""	13) ON SERVICE POPUP arnography to Chartens	219 printil • ACTIVITY. DRF
++ SET CURSOR OFF	132 aprount = **	220 oriends - ACTIVITY.CDX*
45 SET COLOR TO U+/N	133 & 12,33 SAY " COLOR 6./H	221 DO nos_pack WITH original original
45 d 44,0 gal "MUNIMO" COLOR BORN	134 ACTIVATE TOTAL PROBLEMENT	222 primbe a Committee, per
7.22	12. 60 100	224 B0 nes_back WITH originals
49 CASE choice "2" . UR. choice " C"	137 DO CASE	225 H Close the datafile and index.
SO SET CURSOR OF	138 CAME Beroapt . Topson E/F/J/RI/LS*	226 CLUSE INTRANSES
\$2 6 24.0 SAY "WORKING" COLOR W/WA	140 CASE roset - IBM Proprinter	228 SELECT Additorea
53 m Start change password utility	141 REPLACE PRINTER UITH servest	·
25 SELECT LABORER	143 MD.EASE PORUP productual t	
Se CASE chaice " 3" . OR. chaice " P"	1+4 SET CURSON OFF	
57 SET CLASOR OFF	145 IF NOT LASTREY() = 27	
59 6 24.0 SAY "MORKING" COLOR M/Nm	147 UAIT " THEOUT 1	235 CLOSE DATABASES
60 m Start pack program		236 B0 res. open
61 warm a Thans.	149 No. Cursum CM	236 CASE moreout a Leftuity "
63 CASE choice "4" . OR. choice " "H"	ISI METUWA	239 CLOSE DATAMSES
64 SET CUASOR OFF	152 a lubumaran maramaran maraman maraman maraman maraman manaman mana	240 origin - ACTIVITY DEF
	154 m) Procedure: DATE_TIME	242 DO Warning Will original
	=	243 M Close the details and index.
44 SET CURSON OFF	156 mi Called by, 1875 UTIL. PMS	~ ^
B0 produktult	150 mi Calls: DEACTPOP (procedure in NPS_PROC.PRS)	~
ENCCASE	F 451	~ •
72 METURA	160 simenamentanamentanamentanamentanamentanamentanamentanamentanamentanamentanamentanamentanamentanamentanamen	4 ~
《《《《《《》》 《《《》》 《《》 《《《》 《《》 《《》 《》 《》 《》	162 m Select and run DOS date or time utility	~
B. Property. 1231 174 MCM.	163 DEFINE FORCE GARGINGS FROM 8,55 TO 11,67 TITLE "Select";	~ ~
	165 COLON U-/ DG, U-/ DG, D-/ DG, DG-/ W, U-/ TG, CR-/ DG	• ••
# Called by: MPS_UTIL.PMG	166 DEFINE BAR 1 OF date_time PROPPT "V.Date change"	~ •
计算符号 计多数 计计算机 计计算机 计记录 计多数 医克里氏病 医克里氏病 医克里氏 医克里氏 医克里氏 医克里氏 医克里氏	167 UEFINE UMA 2 UF data_time PRUTFI "Kilme change" 168 DM SELECTION POPUP date time DO descino	Ŕ
PROCEDURE utility_menu	100000 091	257 RE
82 PRIVATE COL. NOS	170 @ 12,33 SAY " COLOR Go/N	
7/2 4	172 SET COLOR TO W+/W,W/W	260 111
	173 @ 16,0 CLEAR TO 24,79	
67 248 - 17 7 A B C C C C C C C C C C C C C C C C C C	175 CASE mercant . "Date change"	
	174 RUN DATE	
	NOT THE DOC 1 VE A	

MPS\_UTIL.PRG 1 of 2

```
IF LASTERY 0 = 27
SET CARGON OF WINDOW THEORY 1 AST CARGON OF CARG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  77 CHR(7)
UNIT "Verification failure. Original pass
WINDOW THEOUT I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IF enemois - everity
MENCE passord Will pastranismes
e 9,14 SAY Verification successful
Wall -- Timour i
meax - SPACE!!)

• 7,colget + 1 GET meax CDLOR
NEAD
                                                                                                                                                                                                                                                                                                                                                                                               DOOF

0.coledy + 1 SAY ...

corridy - corridy-conx

CLOW GETS

ELOSTOR

IF LASTREY() - 27

ELOST

ELOSTOR

ELOST

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SET CLASOR ON
METURN
M, EGF, NPS_UTIL.PRG
                               255 at Callet GETMEY Gracedure in MPL-MOC.PMC 257 at 257 a
```

1 of 4
MPS_BU.PRG

175 METINE PORTUR DATAPITATION 9,71 ITINE "Salact"; 177 MESSANE "Scrall or press hashinked letter to select filmin)"; 178 COLDEN BAN 10 to PRODET "VALAI 179 METINE BAN 10 to PRODET "VALAI 181 WETINE BAN 10 to PRODET "VALAI 181 WETINE BAN 10 to PRODET "VALAI 182 DETINE BAN 10 to PRODET "VALAI 182 DETINE BAN 10 to PRODET "VALORICULOS"; 183 METINE BAN 10 to PRODET "VALORICULOS"; 184 METINE BAN 10 to PRODET "VALORICULOS"; 185 METINE BAN 10 to PRODET "VALO	200 bed * "AT_ab. Dar"  201 bed * "AT_ab. Dar"  202 bed * "Cubicia. Bar"  203 bed * "Cubicia. Bar"  204 bed * "Cubicia. Bar"  205 bed * "Cubicia. Bar"  206 bed * "Discript. Bar"  217 bed * "Discript. Bar"  218 bed * "Discript. Bar"  219 bed * "Discript. Bar"  210 bed * be with may wrief bed  211 bed * "Discript. Bar"  212 bed * "Discript. Bar"  213 bed * "Discript. Bar"  214 bed * "Discript. Bar"  215 bed * "Discript. Bar"  216 bed * "Discript. Bar"  217 bed * "Discript. Bar"  218 bed * "Discript. Bar"  219 bed * "Discript. Bar"  210 bed * Bed * "Discript. Bar"  211 bed * "Discript. Bar"  212 bed * "Discript. Bar"  213 bed * "Discript. Bar"  214 bed * "Discript. Bar"  215 bed * "Discript. Bar"  216 bed * "Discript. Bar"  217 bed * "Discript. Bar"  218 bed * "Discript. Bar"  219 bed * "Discript. Bar"  220 bed * "Discript. Bar"  221 bed * "Discript. Bar"  222 bed * "Discript. Bar"  223 bed * "Discript. Bar"  224 bed * "Discript. Bar"  225 bed * "Discript. Bar"  226 bed * "Discript. Bar"  227 bed * "Discript. Bar"  228 bed * "Discript. Bar"  229 bed * "Discript. Bar"  220 bed * "Discript. Bar"  220 bed * "Discript. Bar"  221 bed * "Discript. Bar"  222 bed * "Discript. Bar"  223 bed * "Discript. Bar"  224 bed * "Discript. Bar"  225 bed * "Discript. Bar"  226 bed * "Discript. Bar"  227 bed * "Discript. Bar"  228 bed * "Discript. Bar"  229 bed * "Discript. Bar"  230 bed * "Discript. Bar"  231 bed * "Discript. Bar"  232 bed * "Discript. Bar"  233 bed * "Discript. Bar"  234 bed * "Discript. Bar"  235 bed * "Discript. Bar"  236 bed * "Discript. Bar"  237 bed * "Discript. Bar"  238 bed * "Discript. Bar"  239 bed * "Discript. Bar"  240 bed * "Discript. Bar"  250 bed * "Discript. Bar"  251 bed * "Discript. Bar"  252 bed * "Discript. Bar"  252 bed * "Discript. Bar"  255 bed * "Discript. Bar"  256 bed * "Discript. Bar"  257 bed * "Discript. Bar"  258 bed * "Discript. Bar"  259 bed * "Discript. Bar"  250 bed * "Discript. Bar"  250 bed * "Discript. Bar"  251 bed * "Discript. Bar"  252 bed * "Discript. Bar"  253 bed * "Discript	222
### 1.0 TO 11.79 BOUBLE COLOR 6./N  10 2.00 547  10 2.00 547  11 2.00 547  12 2.02 547  13 5.0 547  14 5.0 547  15 5.0 547  16 5.0 547  17 5.0 547  18		
	1, FATO  1,	CASE chalca - 1' OR. Chalca - P' SET CLASION OFF OF CASION OFF SET CLASION OFF

SET COMMENT O 1  SET CO	362 SET CURSON ON 385 RETURN	<b>.</b>	256 HI Procedur 257 HI Procedur 250 HI Procedur		: = = : = 3 :		1997	347 PROCEDURE	348 PARANETERS 349 PRIVATE no.	370 no.e126 * .	372 808 - 15	-	. •	370 SET CLASON	379 IF FILE( bu ) 380 0 15,0 CLEA	~ •	153 150 petter 15 150 petter	0 136 867	100	55 PO 655	391 100 11	392 16 (-	34 ELE 35 25 25	390 ENDIF	ᄚ		187 Add 1 304 101 101 101 101 101 101 101 101 101 1		ANIT TIME OF	411 ENDIF	413 957006	35			425 minuserment (2.5	423 PARAFETER n	424 PRIVATE &-1 425 H Check		429 HF ( ALL )	410 4114	431 BOIF	433 IF depart (434 and all and	
The second state of the se																											:				He seem with seem than shirt or												
	3.		10 64 to 400 100 100 100 100 100 100 100 100 100	1	CASE SECTION .	2	e . ACTIVITY. BEF		:	1	L single HITH			23	* * * * * * * * * * * * * * * * * * *	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	. 'A. VOURIGIE	· Buractor	ECT 4		- 1 H		but . Thi GINECTOR. Dar. TO bu, single UTM origi. buf	I forum in the forum of the for	***************************************	Procedure: BU.ALL	Called By. Bu	Calla, Def. Bu	Uses: NEWEAS, par	COX 411es. MEMBERS.COX	ar anna acad anna anas basanasan 186 ba all	E MOH. or 10f, buf, flop	51	108 TO 10-74		TENERAL DEF	As VENESS BAF". Les bill'in ROM.orief.buf.floe	2 DEN 10 1	- ACTIVITY, DBF*	bu HITH ROW, or 1 of . but . 1100	DER TO 1	A. VCURRICUL, DEF	

Strict   Concessor   187   March   Color   C	352 SET CLIRICON ON 353 RETURN	439 RETURN		
Conceders in NPS_NAPS;  (Grecodars in NPS_NAPS)  (Grecodars in NPS_NAPS;  (Grecodars in NPS_NAPS	NA II bean a such man man man man man man man a such ma	I :		
Corceders in 1872, BLP PRES  Corceders in 1872, PRES,		: : ::::::::::::::::::::::::::::::::::	Precedure: LIST_MILET	
Conceders in NT-MEC-MES)  Conceders in NT-MES-MES-MES-MES-MES-MES-MES-MES-MES-MES		I :	Called by: MPS_BU.PRG	
Generates in 1872, 1985;  Generates in 1872, 1985;  Generates in 1872, 1985;  Led bacture flamey disk late the Ai drive."  The provises bacture. Replace 187 (v/n)."  Village bacture	. Called by: Bu	= :		
ted bacture flamery disk late the As drive."  revious bacture. Replace 167 (y/a)"  Virtualization  i.eris.bu.dine  disk mascs der "111" on diney. 151  c.siza  i.eris.bu.dine  disk mascs der "111" on diney. 151  c.siza  i.eris.bu.dine  disk mascs der "111" on diney. 151  c.siza  i.eris.bu.dine  disk mascs der "111" on diney. 151  c.siza  i.eris.bu.dine  disk mascs der "111" on diney. 151  c.siza  i.eris.bu.dine  disk mascs der bactus to diney.  CSIEC: n MECCONT() + 11  Addf'! mascs red'd for activity.curricul.dire	t Calle, GENEY (arecedure to MS PRC. PRS)	: : :	\$3114 LETT 1	Grecoure in 105 BU-PRS
ted beckue flacey disk late the A: drive."  rem provides beckue. Replace 107 (y/m)"  Viffreducing by  disk mane 4 for "all" on flacey. 3::  15. bu. flac  disk mane 4 for activity, curricul, direction  Concentration of for activity, curricul, direction  10230	, PLOPPY_SIZE (precedure in 10%_BULPRS)	Ŧ		
ted bictur flacey disk into the Ai drive."  The provious bectur. Replace 167 (y/s)*  Yif*returning  Lais ascenting  Lais ascen	i der de la descente la mes mar mar		of list salect	
ted bacture flacey dist late the Ar drive."  can provious bacture. Replace 167 (y/s)*  'gi'-returnday  'gi'-re	Uness APL. Daf	TAVIET 18	line det	
ted beckue flamey disk late the Ai drive."  The provious beckue. Replace 107 (y/n)"  Yelf-returning.  O. size			POPUL ISST BELGET FIELD 6.00	TO P. O. TIME "Solect" ,
ted backue flacey dist late the Ai drive."  residue backue. Replace (ET (y/A)*  Virteturakey  c.siza  c.siza  del macco (er 'all' en flacey. 3:;  e.siza  in back en flacey dist. ':;  - Ulidok Timour 2  Concedere in left_BL/RS;  Concedere in left_BL/RS;	ACCEDING tw. ningle	3	# U-/86.U-/86.8/96.8/86.96-	/H.W-/R.GR-/BG
ted backue flacey disk late the At drive."  "m provides backue. Replace 107 (y/m)"  "giveraturality  (eris.bu.floe  disk mace for "all" on floopy. 31;  " ulidoby Timcort 2  " ulidoby Timcort 3	MANETERS orto, bu	456 EDF 186	BAR 1 OF list select PROPPT	Where disk
ted bacture flamoy dist into the A: drive."  can provious bacture. Replace 167 (y/s)*  'gi-returnday  'gi-returnday  'gi-returnday  'gi-sellow flamo  disk mesce for "all" on flamoy. 3:, : ulidood Tinfour 2  is no a on flamoy disk. ",  'gi-sellow Tinfour 2  'gi-sellow Tinfour 2  'gi-sellow Tinfour 2  'gi-sellow Tinfour 2  'gi-sellow Tinfour 3  'gi-sellow Tinfour 4  'gi-	RIVATE no. size, filesize, deece. NOM, flap		DAT 2 OF 11st salect PROPET	Wildhoy Mak
ted beckue flamey disk into the Ai drive."  The provides beckue. Replace 127 ty/al"  Villeranday  Loris,bu.flam  Loris,bu.flam				
red bacture finesy dist into the A: drive."  ""returning bacture. Replace (ET ty/A)"  Virreturning  ""returning  dist masce for "all" on floopy. 3::  dist masce for "all" on floopy. 3::	2 - 3	459 0 11,X	. SW	#/•
ted backup (lampy disk into the A: drive."  can previous backup	Deckup to flappy	440 ACTIVA	E POPUP 11st_select	
ted beckue flamey disk into the Ai drive."  The provises beckue. Replace 127 (y/s)"  Vifireturakey  O.size  O.	O CLEAR 24.75		SOR OFF	
reviews bactue. Replace 167 (y/s)*  Virreturning  Led is bactue*  Corceadure in left_Bath.fill  Corceadure in left_Bath.fill  Corceadure in left_Bath.fill  Corceadure in left_Bath.fill  Led is bactue*  CSIEC: N MECCONT() + 1)  Addf'! sees red'd for activity.currical.dire	CANADA CANADA CANADA CANADA AND CANADA CANAD		40 4 4000	
rea previous bactus. Replace 167 (p/s)*  revious bactus*  o.size  ueris.bu.flos  dat mace de "all" en flosov. 3:,  p1 Hildou Tindout 2  is.bu.flos  is.bu.f			,	
The provisions bactue. Replace 167 (y/a)*  Virtualization bectue*  0.6128  .oris.bu.floo  448 pasca for "311" on floopy. 31,  45. bu.floo  46. bu	378 SET CLINSON ON	97	104_41100	
can provious bactus. Replace (17 ty/s)*  Virtualization bactus*  c.siza  data sacc dor 'all' on floor. 30;  e.siza  is above on floor dist. 'o,  is above on floor dist. 'o,  ' ulidon lingur 2  Corcedus in 187, 80, 783;  E. (procedus in 187, 80, 783)  E. (procedus in 187, 80, 783)  Califor a second of the bactus to fluory  Califor a second of for activity.curicul.direct  10240	379 IF FILE ( to )	## CASE	ramet - 'Flapey disk'	
rea president bactor. Replace 167 (p/a)*  revious bactor*  o.8126  .eris.bu.flor  dat mace for "all" on florey. 3:,  p1 Mildow Tindow 2 dist. ":,  is according to the page of the "all" on florey. 3:,  is according to the page of the "all" of the president of the page of the p	250 0 15,0 CLEAR 26,79	110		
Virtual bacture sizei wildow Timfout 2i wildow Timfout 3i wildow Tim	185 A 187 A	200		
distraction sector  distraction 'all' on theor. 3:  tabu.ine  is sector 'all' on theor. 3:  is sector infort 2  Widow tingor 3  Widow tingor 4  Widow	Mas Do settey Alla Chaice, "Ya"-returates	470 MELEAS	POPUP List_select	
disk mang for "all" on floopy. 3:,  disk mang for "all" on floopy. 3:,  15. bu.floo  15. c. ulabol Timbor 2  (Greeders in NFS. BL.PR)  E (Greeders in NFS. BL.PR)  General on NFS. BL.PR)  Conceders in NFS. BL.PR)  General on NFS. BL.PR)  General on NFS. BL.PR)  General on NFS. BL.PR)  Conceders in NFS. BL.PR)  General on NFS. BL.PR)	384 If choice * *Y"	# # # E	1509 011	
data macca der "all" en floppy. 31,  data macca der "all" en floppy. 31,  128  12. Ulidou Tinfour 2  Ulidou Tinfour 2  Ulidou Tinfour 2  Ulidou Tinfour 3  Ulidou Tinfour 4  Ulido		472 METURE		
dist sect de "all" en floey. 3:;  dist sect de "all" en floey. 3:;  1:au discussion fingur 2  1:au discussion floey dist. ":;		473 # ####	ne palates aprilates describe describe describes address	والمستقل المستر المستر المستر المستر ومستر المستر الم
dist mang for "all" on floopy. 3:,  is buting the "all" on floopy. 3:,  is buting the "all" on floopy. 3:,  is pace on floopy dist. ";  is pac			Proceedings, 1 167 Alles	
data macca for "all" on floopy. 31,  data macca for "all" on floopy. 31,  19,bu./loo  19,bu./loo  19,bu./loo  19,bu./loo  19,bu./loo  10,cccdura in 167, 30,056;  10,cccdura in 167, 10,050;  10,cccdu	The FRACE Abus Control of the Contro	7.		
dist sect (or 'all' en flopy. 30;  12. Militar Infaut 2  12. Militar Infaut 2  13. Militar Infaut 2  14. Militar Infaut 2  15. Militar Infaut 2  16. Gracedre in 1975, 30, 795  18. Gracedre in 1975, 30, 795  18. Gracedre in 1975, 30, 795  19. Militar 19	300 this 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Called by, LIST. SELECT	(precedure in NPS_EU.PRG)
dist mace for "all" on floopy. 3:,  158  15. M. Aloe  16. M. Aloe  18. M. Aloe  18. M.	391 BO 610557 stze MTN no.stze	178		,
data masca (or 'all' on floops. 10;  120  120  120  120  120  120  120	392 IF ( legate )	479 m	Calle: BEACTPOP	(precedure in NPS_PROC.PRS)
dist seed for "all" on floop. 10;  120  120-1100  120-11	393 BO dbd.bu WITM MON.orie.bu.flop	¥		
dis mace for "all" on floopy. 1s,  158  15. M. floo  16. M. floo  18. Second and the "s,  "Iff (orcedant in MPS, BL.PR)  Generator in MPS, BL.PR)  G				
125 15. Bu. flag 15. Bu. flag 15. Bu. flag 16. Bu. flag 17. Uligou Timour 2 18. Generatur 10. Pr. Bu. Pr. Bu. Pr. Generatur 10. Pr. Bu. Pr. Bu. Pr. Generatur 10. Pr. Bu. Pr.	UALL Considering what come and call on Alman		BOWLE Line 4415- FROM A 40	TO 0 As TITLE "Labora".
19.Bu./loe is seed on flapy dist. "";  "Indoor lingout 2  "" ulidoor lingout 3  "" ulido	[Aborting better] WINDON TINGOUT 2	13H	AGE "Scroll or press high	ighted letter to select file(s)
15.bu./log is space on (logoy dist. "), ulidob Timoor 2 ul	3		M M-/MG,U+/MG,B/MG.B/MG.MG+	/H.W·/R.GR·/BG
19.bu./loe at sace on flasty dist. "1, Ulidout Timcour 2 U			BAR I OF list files PROPPT	.V.Detebese files
19. bu. flop 19. bu. flop 10. c Wildow Timour 2 11. c Willow Timo			CYTCH POPUP List 411s4 DO A	
is builded is special or (leapy disk. ".,  "Indoor lingout 2  "" ulabor lingout 2  (procedure in 197, 80, PR)  Generalize in 197, 80, PR)  Generalize in 197, 80, PR)  Generalize for bacture to flugsy  CSIZE() # MECCONT() + 1)  Addt'   special registrored direct  10240	•	-		
19. Mc    19.		X, 11 0 000	9 W	#/•
15. Pu. / 100   10   100   1		491 ACTIVA	E POPUP 11st_files	
1 -		492 MET CO	SON OFF	
1.			Park aberes 413 cm.	
at space on timpy dist. **;  *** Unidode timpout 2  *** Unidode timpout 2  *** Unidode timpout 2  *** Occaders in left. But. Pht.)  *** Genceders in left. But. But. Pht.)  *** Genceders in left. But. But. But. But. But. But. But. Bu	1		William I was a second	
Greedwe in PP, BL, PR; 609  (procedwe in PP, BL, PR; 609  (procedw			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
126			LEAR	
13E (Grecadure in 1972, BL. PNE) 500  (G	411 ENDIF	Į:	D. 60 SAY BATEO COLOR MAN	
11E	413 BETURN	3	LOCATION CALLED NO.	
12E			MIT.	
116   1   100	_		Hat_dat . T.	
Grecedars in MPS_MU.PME)   506			18.0 GLEAR TO 23.75	***************************************
Gorcador   in	Called by, Bu		A STATE OF THE STA	· • • • • • • • • • • • • • • • • • • •
907  409 acc.,AL,  618 at season and a section to clumpy  618 at season and a section to curricul, direct  619 at season and for action ty, curricul, direct  6	. BU SINGLE	ğ	TEN	
### ### ##############################	=	ĝ	O, 60 SAY SATE () COLOR MAN	
10   10   10   10   10   10   10   10		•	O.48 SAY - COLOR MAN	
Size or available for backup to fluppy 513 CAM 514 514 514 514 514 514 514 514 514 514	ANT PARAMETER AS Also dilaste desce Atl			
### ### ##############################	424 PRICATE G-100 - 110		35	
513 514 514 515 515 516 516 517 516 517 517 518 518 518 518 518 518 518 518 518 518	428 m Check if sufficient distances available for tectup to floopy	S12 CASE		
5814 (1 to see red'd for activity, curricul, direct	424 drive - \$Y\$(\$)	2 2	75K	
10340   MECCOANIO + 1)   1918	427 SET DEFALT TO A.	214 CAS	Hat stok . T.	
10240	CT + (INCODER ) - (INCODER ) - (INCODER )	:		
103 0 10 10 10 10 10 10 10 10 10 10 10 10 10 1	AN IT THE PROPERTY I SPECE TOLD BOTH TOLD BUT THE PROPERTY INTERIOR BUT THE PROPERTY BUT THE PROPERTY INTERIOR BUT THE PROPERTY INTERIOR BUT THE PROPERTY B			
28 2 2 2 2 2	430 418 8128 8 418 8128 4 10240	=	INECTORY LIKE *.*	
85355	431 EXDIF		714	
8888	412 depace = DISKEPACE()		list_disk . "F"	
22.2.2	433 IF depace C 411a_state		15.0 CLEAR TO 21.79	•
288	414 30 BIRS 8 1		15.0 SAY "Insert flopey di	of into the A. drive.
	A STATE OF S			
	417 FADIS		O.40 SAY DATE O COLOR MAN	
925	AND SET DEFAULT TO LOTIVE		0,48 SAY COLOR N/W	
7 77 6 980 140 490	700 170 000			

Column   C	27 BINECTORY ON A: LIKE m.m	412 RETURN		
100.786) (00.786) (00.786) (1.986)	27 GBCAS		139 69 1394	
CC. PRE) (CC. PR	JO BELLEAST PORTY 11st_files JI RELEAST PORTY 11st_files		PESTOR	(brocedure to 10°5, 10, 1965)
1.9627.; 1.9623.; 1.9623.; 1.9633.; 1.9633.; 1.96.3.; 1.9	A TUMEN		BC6C1808	
1.00.000.000.000.000.000.000.000.000.00	14 is an encounter man in the form the first man in the f		MEST_POP	Gracedure in MPS_BU.PRS)
DC. PEG)  DC. PE	37 m) Called by: 1875, 90, 796		anta angun angun manus menus I oc t	nte eta erro erro paro eta eta
1.900.70 1.900.		424 PRIVATE rest_disk 425 BEFINE POPUP rest 424 MESSAGE "Scroll	select FROM 0,56 To	0 11.48 TITLE "Select" , Med letter to select name
	The state of the s	627 COLOR 10/16.10*	/86.8/86.8/86.86·/N	,H-/R, CR-/BG
1.960) 1.960) 1.960) 1.960) 1.960 1.960   1.	43 PROCEDURE FALL 44 DEFINE POWE FALL FROM 6.42 TO 10,76 TITLE "SALGET" ,	420 BUTHE BAR 2 OF 2	st_select MONT	Krigger disk
1. PRE ) 1. PRE 31, 1	45 PESSAGE "Scroll to select (drive type)> (distatte type)"; 46 COLOR 19-186, 18-186, 18-186, 18-44, 18-18	630 ON SELECTION POPUL	rest_select DO de	acto as
1. PRE ) 1. PRE 31, 1	A47 DEFINE DAM 1 OF Lat PROPET 1340X ) 340X	632 @ 11.33 SAY "	7.50 MOTOD .	=
1.9%) 1.9%) 1.9%) 1.9% 1.9% 1.9% 1.9% 1.9% 1.9% 1.9% 1.9%	TO DESCRIBE THAT IS NOT TO THE TOTAL TO THE	434 ACTIVATE POPUP CO	st_select	
1.960) 1.960) 1.960) 1.960 1.960   1.960 1.9		636 BD CASE	•	
1.960) 1.960) 1.960) 1.960 1.960   1.960 1.9		N Mar aproper . N Market		
1.960) 1.960) 1.960) 1.960   1.960) 1.960   1.	54 DD CASE 55 CASE marrows a "140K > 140K"	639 B0 rest_pag	Commercial district	
1. PRC) 1. PRC   1. PRC) 1. PRC   1.	54 0 15.0 CLEAN 10 24.79	641 rest disk . F		
10. PMC)  10. PMC)  10. PMC)  10. PMC)  10. FMC)  10. FM	SA MAIT	643 EMCASE		
OC. PRC)  L.PRC)  Management management  Mana	SO CLEAR SO RIM FORMAT A.	644 MD.EASE POPUP res	t_select	
OC. PRC)  LPRC)  Harmonian management  See file data.  The backup(s) -  Lon 'List 3+;  ng (Fi).  m ? (y/n) - ;	461 CASE oprionet + *1.28> 340K*	646 RETURN		
OC. PRC)  See file data.	43 6 15.0 SAY "Insert flappy deak into the As drive."			
OC. PRC)  He file data.  He beckupis)  He fel)  ng (fi).	44 WAIT 45 CLEAR		MEST_POP	
1.00. (PMC) 1.00. (1.00	64 RUN FORMAT AL /4	Ti	. MEST_SÆLECT	(procedure in 1875_BJ.P16
1.00. (MG) 1.00. (MG) 1.00. (110 data	46 & 15.0 CLEM 10 24.79		BEACTPOP	Grecodure in 1875, PROC. P.
1.00. (-00.) 1.00.) 1.00.) 1.00. (110 data	AS 8 15.0 SAY Intert flappy disk into the A. Grive."		DO MEST FLOP	Grecedure in MTS. BU. PRE
OC. PRC)  LPRC)  See file data.  the backup(s) -  the backup(s) -  the backup(s) -  the backup(s) -  the fel).  ng (F1).	71 CLEAR 72 Rue Format As		M-5, DPEN, PRE	
oc. Pac.)  L.Pac.)  L.Pac.)  Las file data.  Leo 'List 3+;  ng. (Fi).  ng. (Fi).	73 BOCASE 24 MILEASE POPUE LAN			
ithe Backup (s) - 1.00 "List 3+1 ng (F1).		640 PRIVATE erial. or	gree, tue	
ith backupis)  ith backupis)  ith backupis)  ion 'List lei  ng. (Fi).	77 at	642 RESSACE Scrol	er press highligh	Med letter to select file
is file data.  The backupis)  The backupis)  The 'List let  The 'Clist let  Th	29 mt	444 DEFINE BAR 1 OF C	St. per PROPET VAN	
Corcedars in MPS_MODE.PRG)  Accordars in MPS_MODE.PRG)  (ilitis)  (OR 6./H  (OR 6./H  (OR 6./H  (OR 6./H  In wars, use the manu option "List lo, nu/No  frait of data before restoring. Revise ", nu/No  resting and bacting up by pressing (FI).  Ling and bacting up by pressing (FI).	ab mi Called by 1 MPC, DU. PRG	445 BEFINE DAM 2 OF C	HAT DOES PROPERTY WAY	
file(s)  (in 6./k  (in 6./	Calls, GEREY , REST, SELECT	70 S WE BET BAR 4 OF THE	HE DOS PROPET "VC.	urriculus" Irector
file(s)  (OR 6./H  (Wish)  (Mish)  (Mi		670 sprompt	rest.pop DD deacti	3
173 SET COLOR TO LAVIANIA AND AND AND AND AND AND AND AND AND AN	04 PROCEDURE RESTOR  17 n	471 4 11,33 SAY "	1/•9 NO.00 .	=
weis) replaces current database file data.  478 ACIMME POWE FOLLOW  479 CASE aromat - All  470 CASE aromat - All  470 CASE aromat - All  471 CASE aromat - All  472 CASE aromat - All  473 CASE aromat - All  474 CASE aromat - All  475 CASE aromat - All  475 CASE aromat - All  476 CASE aromat - All  477 CASE aromat - All  478 CASE aromat - All  478 CASE aromat - All  478 CASE aromat - All  479 CASE aromat - All  470 CASE aromat - All  470 CASE aromat - All  470 CASE aromat - All  471 CASE aromat - All  471 CASE aromat - All  472 CASE aromat - All  473 CASE aromat - All  474 CASE aromat - All  475 CASE aromat - All  475 CASE aromat - All  477 CASE aromat - All  478 CASE Aromat - All	Choice ""	473 SET COLOR TO U-/H	M/W.	
weis) replaces current database file data. 678 00 CASE	90 & 12.0 CLEAR TO 24,79	675 ACTIVATE POPULP re-	t, poe	
Markey current database fills data. 678 00 CAST cest dists - WT may come current database fills data. 640 CAST cest dists - WT may care - TECHES Day care - TECHES DAY care care - TECHES DAY care care - TECHES DAY care care care care care care care care		674 EASE mprompt = "Al		
And the first state of the factors o		<b>a</b> 0		
that you are restoring laters the bactup (s) 482 but a 1967 BL BW - 1967 BW - 1967 BL BW - 1967 BW - 19	54 The sure that " COLOR Works	i	MERS. DOF.	
He waster backup is now 7 (y/n)* , 655 or in **CHURIDE.**  19 or in **CHURITY.**  465 or in **CHURITY.**  467 or in **CHURITY.**  468 or in **CHURITY.**  469 or in **CHURITY.**  469 or in **CHURITY.**  469 or in **CHURITY.**  469 or in **CUMBICA.**  460 or in **CUMBICA.**  460 or in **CUMBICA.**  461 bot or in **CUMBICA.**  462 or in **CUMBICA.**  463 or in **CUMBICA.**  464 or in **CUMBICA.**  465 or in **CUMBICA.**  465 or in **CUMBICA.**  466 or in **CUMBICA.**  467 or in **CUMBICA.**  468 or in **CUMBICA.**  468 or in **CUMBICA.**  468 or in **CUMBICA.**  469 or in **CUMBICA.**  460 or in **CUMB	96 8-16. 3 SAY . the bactue(s) that you are restoring is/are the bactue(s) .		D. DOF.	,
10 cms   1	47 that you went . COLOR W-/AB		IVITY. DOF	
creation dates before restoring. Review '', 487 DO do creation DEF VINCTOR DEF	78 6 17, 3 SAY ( or should use. If unburs, use the menu option "List ]+; 89 [files" to view the 3 COLOR U+/NS		IIVITY.CDX-	
489 orien - CUL, BUL BET - COL, BUL	00 0 18, 3 SAY * database file creation dates before restoring. Review **; 01 * the bais avail * COLON 14/AB **		Nard With originaria Mich. DBF	F.but
491 BD do rest. hard bill H orief. 482 orise * "DiffC Dd. 198" 483 orise * "DiffC Dd. 198" 484 buf * "Diff. 198" 485 DD do rest. buf of LHP orief. 484 CASE rest. disk * "F" 484 CASE rest. disk * "F"	02 0 19. 3 SAY able for restoring and backing up by pressing (FI).		MICLE, COX.	
want to restore backup is) now 7 (y/n)" , 653 orise * 00160 (01.000 - 0.) 653 orise * 01060 (01.000 - 0.) 654 but * * * * * * * * * * * * * * * * * * *	03 @ 19.52 SAY "F1" COLON GA-/FB		hard UITH origi.ori	m.buf
	04 MET CLINSOR ON 100 MET WAS BUTTE YOU WANT to restore backup (s) now ? (y/n)" ;		ECTON. COX. 64.	dummy name (director.cdx d
* * * * * * * * * * * * * * * * * * *	00 COLON W*/W 07 BD gethey with choice, "YM"		11. DBF*	
-	OB 8 12.0 CLEAR TO 24,79		nerd WITH originarie	P. D. f
1	10 Borest select		MERS. 04F	

		3 3	734 GASE Free, date " " " " " " " " " " " " " " " " " " "	749 CASE reat_dist = "H" 750 CASE reat_dist = "H" 751 Do do_reat_base into into 752 Lost or "As Volume into 753 Lost or "As Volume into 754 E 15.0 GAV [Insert the "restore from" floopy dist into the As drive. 755 Lost or "As Volume into into into into into into into into	743 DO CASE 744 CASE reat date "N" 745 CASE reat date "N" 746 DO CASE TO CASE
#					doasn't exist

```
6 15.0 CLEM TO 23.79
6 15.0 Sty ($100p. 12.8)
All T - ulmDow TimEDUT 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                EMBIF
EMASE forigita
ADNATE Stampilia TO Eorigilla
EMASE forignds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ### FILE ( team)
### EANS ( team)
### EA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Fig. 6. LEM TO 31.79

6. 15.0 CALM TO 31.79

6. 15.0 CALM TO 31.79

8. 16.0 SAY "Continuing ...

8. 17. 17. CON TO Respective ...

8. 17. TAL CON TO Respective ...

8. 17. TAL CON TO Respective ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EADIF
1F (1 intiliate)
1F (1 intiliate)
27 Coff (2)
1M17 "Meteoration failed." Window THEOUT 2
1ETIE (tempfile)
1ETIE (tempfile)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           9 IS-0 CLEAR TO 21.79

0 IS-0 SAV Kined east backup "] + bufile + (" does not axist.)

WALL "* WINGOL TINEGAL S
                                                                                                                                                                                                                Graceders in MPS_BU.PRG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gracedure in MPS, BU. PRG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     n ---Check if restoration is DK

Influe to the compile of the comp
                                                                                                                                                                                        78 | Called by: MEST_POP | Grocedure | 11
78 | Lucas attropile. Def | Called by: MEST_POP | Corcedure | 11
78 | GANGFILE. Def | CANGFILE. Def | CANGFILE. 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PROCEDUR do rest flap
PARATERES origins, origina, bufile
PRIVATE red.cnt.istiladi.tempfile
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A 100 F

E34 (AAGE Law (4) 10

E55 (BAME Law (4) 10

E55 (BAME Law (1) 10

E55 (BAME Law (1) 10

E57 (BAME Law
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USSS STEPFILE DOF
SONSFILE
SONSFILE DOF
SONSFILE DOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Precedents BO REST FLOP
                                                                                                              Precedure: BO, MEST, HARB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Called by: MEST_POP
```

```
DOOF

16 NOT. Intillect

17 NOT. Intillect

18 NOT. Intillect

18 DOC 17 DOC 17 NOT 18 AND THE DOC THE COURT.

18 MAIT The file could NOT be packed." WINDOW THE DOC 18 METLOW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         N ---Turn of the index and count the number of undalated records.
COUNT FOR .NOT. BELETIS! TO undalrace
N ----Close original file.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     on --- Daleta the original file and MENAVE temperary to original FRAME Exciption
DENAME Exception
DENAME Exception
DENAME Exception
DAME Exce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GOTO BOTTON
Istilant • (undelrecs • MECHO))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Uses, ETEPFILE.RF
, GORIGFILE.RF
, GORIGFICET.OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18411ack - (undelrecs - 0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Procedure: BOPACK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Called by: PACK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HI EUF! NPS_PACK.PRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIVATE team (.sillook.rm.speca.thvtss
team (.sillook.rm.speca.thvtss
team (.sillook.rm.speca.thvtss
team (.sillook.rm.speca.thr)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          -records are re. . COLOR No.188 \, 0.19, 3 SAY ^{\circ} second. Be sware that secting the database personently ^{\circ}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Newton = "Lainiama "-SimSimilTMINISIMirea_mesca).;;3) +"K req'd)."
WAIT 'Insufficient disk mesca "thortes" Batabase pack aborted.",
WINDOW THEOLY 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              54T CLMSOR DW.

4 23.18 54Y "Bu you want to seck the datebase now? (y/n)" CDLCR U+/N

BO settery Will choice. "Thi-veturning

RETURN

RETURN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Fauthor version 2.10
                                                                                                                                                                                                                                                             Grecodure in NPSCL (PSC)
Grecodure in NPS_UTIL_PRS)
Grecodure in NPS_UTIL_PRS)
                                                                                                                                                                                                                                                                                                                                                                                                                                               Grecodure in 1875, PRIC. PRES
Grecodure in 1875, PACK. PRES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Grocedure in MPS_PACK.PRG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "removes records " COLOR BY/88
6 19.48 SAY "exemply" COLOR BY/88
8 20, 3 SAY " excited for existion. It is not undeable.
" COLOR by/88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PANATERS origins two file, originate, 1stilled thinking and the file of thinking the file of the file or file of the file or file or file or file or file.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PROCESS, NFS.PACK (pack/cort database andula)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Precedure file: C: VTABS UPS_PACK.PRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Documented 81/28/92 at 89:00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SET CUTSOR DFF
SET COLOR 10 M/N
62-0 SAY "MOREING ..." COLOR M/N
CLOSE DRIVANSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              n ners a sun dunt sunt a sunt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Uses: &TEPPTILE.DOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Called by: MPS.PACK.PRG
                                                                                                                                                                                                                                                                   Set by: PACK_OECK
: PACK_POP
: WARNING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 UBOS: EPACK_FIL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Calle: BOPACK
                                                                                                                      Proce & Factor PACK . BOPACK
                                                                                                                                                                                                                                                                                                                                                                                                                                               Calle: GETKEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      oriel + 'HENBERS. DBF'
orien + 'HENBERS.CBI'
ENDIF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Procedure: PACK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and and supplications of the supplication of t
```

(procedure in NPS\_PNCK.PNS)

DEACTIVATE WINDOW about SET CURSOR Goldew NELEASE WINDOW about RETURN Grocedure in MPS.EDIT.PNE) Grocedure in MPS.NECA.PNE) Grocedure in MPS.NECA.PNE) Grocedure in MPS.UTIL.PNE) Gracedure in NPS\_PROC.PRS) Gracedure in NPSDC.PRS) procedure in NPS. PROC. PRG) 1 of 7 (procedure in NPSDC.PRG) (procedure in NPS\_PROC.PRG) Page dom . BLANTDATE-CONDNITH (\_BIANTDATE, -12)
ENDCASE \_DIANYDATE-CORONTH(\_BIANYDATE\_-1)
CASE 1- 30
\_DIANYDATE-CORONTH(\_DIANYDATE\_12)
CASE 1- 31 NAME OF THE PARTY 130 CASE Nationic - Ther"
131 SET TOPIC TO view receils
132 CASE Nationic - There
133 CASE Nationic - There
134 SET TOPIC TO DIRECTOR Called by: ENV.SETUP 162 (ASE INSTITUTE OF CONTINUES Other Files: MPS\_MLP Calle, GETKEY 140 CASE hiptopic • "Beca" 149 SET 10FIC TO recalls 150 MELP 151 CASE hiptopic • "Bala" 152 SET 10FIC TO DELETE PROCEDURE NIP SET HELP ON THE POPEL 2 SET HELP TO MO. NIP 1 ON CASE 1 CASE NIPLO TO ANIA 5 SET TOPIC TO SAIN Procedure: M.P. CASE hiptopic . "Appe" SET TOPIC TO APPEND MELP Called by: ENDDO RELEASE WINDOW CAT RETURN &&Calender's popus utility ForDoc version 2.10 PROCAMI, WS.PROC. PAG (PROCEDURE 111a) 16 Esc (add 1+13 for Enter tey) is Center calender in window Grocedure in NPSDC.PRG) Grocedure in NPS\_PRDC.PRG) is Get beystroke 44 'T' for Today 64 Page down 44 Page 46 CASE 1-27
E117
CASE 1-84 OR. 1-116
CASE 1-84 OR. 1-116
CASE 1-3
CASE 1-3
CASE 1-3
CASE 1-3
CASE 1-3
CASE 1-8
CASE 1-8 Procedure files Cs VTARS UPS\_PROC.PRG Documented 01/28/92 at 09.00 Called by: ENV.SETUP : BAR2 Proce & Factor POPCAL Procedures POPCAL PROCEDURE popeal PRIVATE 1 はなれたようようないとないとなるとはないないないというないというないだっていました。

0 1,4 SAY "EYETEN EMVINOMEDAT (cont.d)"
0 3, 9 SAY "ETS memory evallable: "SYS(23)" Keytes"
0 4, 9 SAY Teaslains EDS memory: "LIBIN(STRIFENDRY())" Kbytes"
0 4, 9 SAY "Teaslains EDS memory: "LIBIN(STRIFENDRY())" Kbytes"
0 4, 9 SAY "Teaslains "SYS(5)" size: "SYS(5000)" bytes"
0 7, 9 SAY "Dist "SYS(5)" space remaining: "LIRIN(STR(BISKSPACE())) 0 1.18 SAY -557ER DAVIBDAEDAT -58485R4G5()-6-4)
0 3.14 SAY 'DGS vertains' -58485R4G5()-6-4)
0 4.14 SAY 'PES vertains' -5878(2010)
0 5.14 SAY 'Current Girectory' -5878(30)
0 7.14 SAY 'PES cases -7878(11)
0 8.14 SAY 'VES CALOR GA'AB
0 11.28 SAY 'N' COLOR GA'AB
DO GETERY WITH CADICS. REVETS OF SET CADICS. IN PRINCIPAL SIGNATURE STATES CHOICE
IN SIGNATURE SIGNAT - bytes" - e i, i4 SAY '(Done)

e ii, 18 SAY '(Done)

e ii, 38 SAY 'B' (CLOR GR-/RB

e ii, 38 SAY 'B' (CLOR GR-/RB

D getter 'HIM choice, Reysfrokes

If choice = 'D' chaice • ""

Bo matkey WITH chaice, teystrokes
If chaice • "B"

Exit

NPS\_PROC.PRG

7 2	o at increases and the contract of the sease and the sease	352 CASE mer case t = "
23	100 to 200 to 20	
7		356 romottoe 39
2	mi terrod by: Furt_tist	3
ž :	(procedure in MPS_PROC.PRG)	
: 2	•	
ž :		742 ELSE
ă	DECTIVATE POPUP funcs	
÷ 5		36 respettos 21
2 2		J
ž.	7	369 IF ( "VGA" 0 SYS( 2006 ) )
7 7	- College By Cur. Links	
ž	hat Calls, POPCA, torocadura in NPS_PROC.PRG) Sat	
ź	), siga sasa saba na kahasa pake kamb kapa kaha na kaka maka kaka kaka basa saba saka kaka kaka ya pang filish Pong filish bake 2	1374 CLEAR PECADO
<b>F</b>		376 SET DISPLAY TO VGASO
<b>5</b> £		378 ENDIF
Ē		
ž.	I at Procedure, BAR3	381 rouprompt + respetton + 2
££	h at Called by: FLMC_LIST (procedure in MPS_PROC.PRG)	
ž	100 mm m	194 E-PEREZERERERERERERERERERERERERERERERERERE
ž	::	365 ml Procedure: DBF_BU
£ŝ	b sjesoberske seko enne køkenses nebeskerkeskeskeskeskeskeskeskeskeskeskeskeskesk	189 mi Callad bu. Quiyang
ā	DO postris	389 HI I HPS. RECA. PRG
22	EESCTIVATE POPUP funcs I RETURN	391 #1 · BU_ALL 6
Š	—————————————————————————————————————	192 H . BU_SIMELE (4
8 8	i ai Procedure, DAR4	
ŘŔ	7 at Called by, FUNC.LIST (procedure in NPS_PROC.PRG)	395 H) - 4 MFTLE - 184 TLE
\$ £	) a) (procedure in NPS_PROC.PRG) at Calls, ABOUT	
Ē:		399 PROCEDURE dof.bu
22	n   october 1985 Sefecter 1885 Sefecter 18	401 PARATERES ROW, origina, build a floppy
i:		402 PRIVATE red_cat, tefilleds
ä	A STATE OF THE STA	404 m Count number of records in current
3	1. 18 18 18 18 18 18 18 18 18 18 18 18 18	405 COTO BOTTON
i	ai Procedura, VIEU-BROH	407 6010 100
និទី		408 & ROW,0 CLEAR 18 23,79 409 MDalate old temporary file 14 1t ext
ä	I NPS, CREC (procedure in NPS, RECA. PRG)	IF FILES tempfile )
ž	i ai Calla, DEACTPOP (procedure in NPS, PROC. PRG)	412 ENDIF
S	4 - 2 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	413 [F FLE Dufile ) 414 1F ( 4 does) Attitud Daction
â	PROCEDURE viewbrow	415 REMARE Abufile TO Stempfile
2 2	8Change screen diselay mode 5.57 COLOR TO W/W.W/W	414 ENDIF
2 5		418 # ROU.0 SAY (Backing up ") + origilla + 419 # ROUst. 0 SAY "Contlouing"
ã	77 CHE(7)	420 SET TALK ON
i i	RETURN -	~
ñ	ISS ENDIF	423 MAIT ** TIMEOUT 1
in	Ì	
2 5	COLOR U	426 IF FILE( bufile ) 427 SELECT 10
3	DEF 146 BAR 2	428 USE EDUCATION
₹ <b>₹</b>	OEF IN BAN 4	430 m Record count from original and b
33		431 1stilsok = (red_ent = RECCOUNT())
Ž	ACTIVATE POPUP code	ENO
<b>.</b> 3	. DO CASE	<u></u>
Ĭ.	CLEAR	
ğ	SET DISPLAY TO EGA25	438 IF FILE (butha)
2		
		SING COURT SAIN

CASE may come 1 = "And 3"  Formation = NECONO.  SET 215-AT 10 EAST 3  FORMATION = 2 59 2000 1)  NO CASE movemes 1 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE movemes 2 = VASAS.  FORMATION = 2 59 2000 1)  NO CASE MOVEMENT = 2 50 2000 1)  FORMATION =		456 ii janimaa janaa jan	445 MILLIAMENTALISMENT STATEMENT OF THE SECOND STATEME	477 H Procedure GETEV 475 H Procedure GETEV 475 H Procedure GETEV 475 H Procedure GETEV 477 H PARTY PROCEDURE 477 H PARTY PROCEDURE 478 H PARTY PROCEDURE 481 H PARTY PROCEDURE 481 H PARTY PROCEDURE 481 H PARTY PROCEDURE 482 H PROCEDURE 482 H PROCEDURE 482 H PROCEDURE 483 H PARTY PROCEDURE 484 H PARTY PROCEDURE 485 H PARTY PROCEDURE 486 H PARTY PROCED	447 N 1 1475 NECA. PRG 449 H 1 1475 NECA. PRG 440 H 1 1475 NECA. PRG 441 H 1 1475 NECA. PRG 442 H 1 1475 NECA. PRG 443 H 1 1475 NECA. PRG 444 H 1 1475 NECA. PRG 445 H 1 1475 NECA. PRG 445 H 1 1475 NECA. PRG 445 H 1 1475 NECA. PRG 446 H 1 1475 NECA. PRG 447 H 1 1475 NECA. PRG 448 H 147	erreta av	510 MI Procedure STATLINE 512 MI Procedure STATLINE 513 MI Called by: SAYREC (Procedure in NPS.PROC. PRG: 515 MI NPS.APPE. PRG 516 MI	\$17 bisensessantendenten
CEDA(1)  () EGA(1)  () EGA(1)  () CA(1)  () CA(1)  () TO WCAS  ()	ON THEOUT 2	004 TJFEOUT 2		MPSC. PRG) MPS. BJ. PRG)				K or d count

	417 DO CASE   418 CASE choice = returniery   419	705 Actions as "1" 706 Actions as "1" 707 Actions as "1" 708 Actions as "1" 709 Actions as "1" 710 Actions as "1" 711 Actions as "1" 712 Actions as "1" 713 Actions as "1" 714 Actions as "1" 715 Actions as "1" 715 Actions as "1" 716 Actions action actio
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	449 B.SE 450 B.CLA. O.CLEAN 450 B.CLA. O.CLEAN 451 CLEAN GETS 452 D.CLEAN GETS 453 D.CLEAN GETS 453 D.CLEAN GETS 454 D.CLEAN GETS 455 D.CLEAN GETS 456 D.CLEAN GETS 457 D.CLEAN GETS 458 D.CLEAN	736 CASE may compt = *FEMBISS = ** 737 CASE may compt = *ACTIVITY* 738 CASE may compt = *ACTIVITY* 739 CASE may compt = *CINITY* 740 CASE may compt = *CINITY* 741 CASE may compt = *CINITY* 742 CASE may compt = *CINITY* 743 CASE may compt = *CINITY* 744 CASE may compt = *CINITY* 744 CASE may compt = *CINITY* 744 CASE CASE may compt = *CINITY* 744 CASE CASE may compt = *ACTIVITY* 745 CASE may compt = *ACTIVITY* 746 CASE CASE CASE CASE CASE CASE CASE CASE
recourt IR Mourean recons - 0 877 (20.00 to the M. M. M. Moul of LEAN Moul of LEAN Moul of LEAN Moul of LEAN FIGURE - 1 9999999 RANGE 0, Lastrachum PICTURE - 21 9999999 RANGE 0, Lastrachum PICTURE - 21 9999999 RANGE 0, Lastrachum RANGE - 2000 recons > 0 EDOF - 2000 recons - 0	449 PROVETER ROLL 449 PROVETER ROLL 450 LANGE SIGNED 471 DO SANTE CASIGN **** **** ***** ***** ***** ****** ****	Calls. GETEY  HI  CALLS. GETEY  HI  CALLS. GETEY  HI  CALLS. CALLS  CALCE  CALC
\$99   Called by: WYS EDIT PRG 600   WYS : RECA PRG 601   WYS : RECA PRG 602   WYS : RECA PRG 602   WYS : RECA PRG 603   WYS : RECA PRG 603   Gallet GETMET	447 hi Procedure i MFS_AREA 450 hi Called by; MFS_FILE (procedure in MFS_PROC.PRG) 450 hi , MFS_PROC.PRG) 451 hi , MFS_PROC.PRG) 452 hi , MFS_PROC.PRG) 453 hi , MFS_PROC.PRG) 454 hi , MFS_PROC.PRG) 455 hinner:naceneusensensensensensensensensensensensensens	775 SET ORDER TO Anduorder 777 CASE Go fues a - 2" 778 CASE Go fues a - 2" 779 CASE Go fues a - 3" 779 CASE CASE CASE CASE CASE CASE CASE CASE

FRIVATE core  FRIVATE core  FRIVATE core  FRIVATE core  FRIVATE  F	aper a scurr, nucleon and a second a second and a second and a second and a second and a second
### ##################################	fsontque * .T. BOCASE RETURN METURNALIZATION PARTICIPATION PROPERTIES
SET COOR TO UAVA, MAIN A  SET COOR TO UAVA, MAIN A  OR CASE  CASE Deforce - 1.  OR MAIN O CASE  CASE Deforce - 1.  OR MAIN O CASE  CASE MADOR - 1.  OR MAIN O CASE  CASE MADOR - 2.  OR MAIN O CASE  OR MAI	RETURN ALLES PARE MARKET PARE HANGERS WELLE BALLES FARE
DC CASE  CASE CAS TO BE	医多种溶液 医多异性 有可以是 医克林斯 医多毛性 医克拉氏 医克拉氏 医克耳氏 医多种氏病医甲基氏病 "一
CASE CALLER  D CASE  CASE Address - 1:  D CASE  D CASE  CASE Address - 1:  D CASE  D CASE	
# #00.0 CLEAR # #00.0 CLEAR # #00.0 CASC   FORCER   1.0   ##00.0 CAY "Enter San" GET man PICTUME "999-99-99-99-99-99-99-99-99-99-99-99-99	H Procedure, MPS FIRMAL
DO CASE	
CASE AMOREM = 11.  The state of SAM "Enter San" GET mean PICTURE "999-999"  READ.  SER ALLO GAST  CASE AMOREM = 2.  The state of SAM "Enter San" GET mean PICTURE "999-999"  SER ALLO GAST  FOR ALLO GAST  PICTURE "IAMANAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMA	is Called by: MPS_FORM2 (procedure in
EMILE O SAY "Enter San" GET mean PICTURE "999-99-999"  SEC ALL O SAY "Enter San" GET mean PICTURE "999-99-9999"  SEC ALL O SAY "Enter San" GET mean "ET SAN	
	A PART OF A STATE AND A STATE BEAUTIFUL AND
	PROCEDURE nes_forms
EEE CASE MONTH TO THE	CLEAR
CASE nations = 27.  alastinase = 29KE (13)  alastinase = 27  alastinase = 28  alastinase = 28KE (3)  alastinase = 28KE (3)	SET COLOR TO U+/N.N/H
CASE man.   22"   all att. name   23"   all att. name   24"   all att. name   25"   al	@ 0, 0 SAY SPACE (80)
statinas - SYKE (13)	& 0.60 SAY DATE () COLOR M/W
9 FIGURE - INAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAM	6 0.68 SAY - CULUM N/U
PICTURE - IAAAAAAAAAAAAAAAAAAAAAA - 900  - AQUELLO SAY - FIFE came GET adirat came 900  - PICTURE - IAAAAAAAAAAAAAAAAAA	Secondary to SAY promother
# AGU-1.0 SAY First. name 'GET activations ; 900  # READ  # READ  # PARTICLE - INAMAMAMAMAMA.  # READ  # SEEK # SAFE  # SAFE # SAFE  # READ  #	@ 2, 1 SAY "(F1> for Halp"
## ## ## ## ## ## ## ## ## ## ## ## ##	0 2, 2 5AY 7FT COLUM 6AY/H
	6 3. 3 SAY "Member" is SSN"
	. S. 3 SAY "Last Name "
CALC ON THE CALCAL CONTROL OF THE CALCAL OF TH	# 5.40 SAY "First Name "
EMOCREC CALC Boltware - 22  B MON. CLEM  B MON. CLEM  B MON. O SAY "Enter UIC" GET mulco PICTUME "BI"  B MON. O SAY "ENTER UIC" GET MULCO "BIT"  B MON. O SAY "ENTER UIC"	A 2 3 SAY "Back/Rate
CALE dolores = -2" 913 et Relation = -2" 913 et Relation = -2" 914	7.22 SAY
# MON. C. C. SAME (S)  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. D SAY "Enter UIC" GET mulch PICTUME "81"  # MON. D SAY "Enter UIC" GET mulch PICTUME "81"  # MON. D SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter COT MULCH PICTUME "81"  # MON. C. SAY "Enter COT MULCH PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET mulch PICTUME "81"  # MON. C. SAY "Enter UIC" GET MULCH "81"  # MON. C. SAY "Enter UIC" GET MULCH "81"  # MON. C. SAY "Enter UIC" GET MULCH "81"  # MON. C. SAY "Enter UIC" GET MULCH "81"  # MON. C. SAY "Enter UIC" GET MULCH "81"  # MON. C. SAY "Enter UIC" GET "81"  # MON. C. SAY "81"	0 7.45 SAY "Lest T2 Exam "
B ROW. O SAY "Enter UIC" GET muich PICTUME "BI" 916 BEAD SAPE "ETHE MUIC" BET MUICH PICTUME "BI" 918 BEAD SAPE " TRITHE MUICH "BEAD FOOT MUI	7.70 SAY
	D P. N SAY "Pano Status"
supr = TRIN( mulcb.) 918 (	● 10. 0 SAY -
The County of the Experience was	₱ 10,40 SAY =
	# 12, 6 SAY "DIC "
612 SEEK GAPT 740 H	
134 CASE Objects - 3"	
	al Procedure: NPS_FORM2
BOLLT MAC . SPACE (3	
	mi Called by: NFS_EDIT.PRG
• TRIME mounts muse )	m) Calls, MPS FORM) (procedure in
If " <> expe th life apr not mal	=
	第一次医院医院 医医院医院 医医医医医医医医医医医医医医医医医医医医医医医医医医医
	PROCEDURE nes foresz
	DU APS_format
地名美国西班牙拉克 计电子系统 医电子系统 医电影 医克勒氏 医克勒氏 医克勒氏 医克勒氏 医克勒氏 医克勒氏 医克勒氏 医克勒氏	@ 10, 0 SAY *
	. 10.40 SAY
847 #1 Procedure: NPS_KEYS	● 14, 0 SAY *
	o 14.40 SAT - O 16.16 SAY 'Dates of Previous Recall Letters Bou
90.6 984 1203 Sam - in 950	6 10, 6 SAY "Recall 1"
	0 10,27 SAY "Recall 2"
医多名埃特氏试验检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检	940 P IB,46 SAY "Recall 3"
PARATETER expr. ( solant , sunt que	RETURN
	医一种医生物 医克勒氏试验检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检
MAC TEMPERATURE TO THE PARTY OF	nt Procedure, MPS FORTS
DO CASE	
	A) Called by, NPS_APPE. PRG
250 CQL	III I MIS EULT PRE
BA2 VALIDILI = (LEN (ALTRIN(asan)))) ERROR Valid SSM required." 950 m	1. ] 医医疗医疗 医医疗医疗 医医疗医疗 医电影 医医疗 医医院 医医院 医 医 医 医 医
2	PROCEDIAL nos, forms
* TRIN( essn ))	CLEAR a t o To a te Pouene for on maxim
incompany . T.	954 SET COLOR TO W/W/W/
CASE abiares . 2.	6 0, 0 SAY SPACE (BO)
SET COLOR TO . W/W	B D, D SAY "Record:" B D.40 SAY DATE() COLOR N/U
VALIDES (LEX.MLTRIR(Buildb))) ERROR "UIC resulted. Use 5 "."	6 0,48 SAY " - COLOR N/H
"characters."	59 & promptrow ,0 SAY promptbar
AGAD	6 2, 1 SAY "(F1) for talp"
TABLES (" * TRIPLE BLICK )	0 2, 2 347 71 CULUM GAT/TE
6 Transfer of Tran	1 3, 4 SAY "UIC"
CASE Chieres - 3	8 3.15 SAY "Activity Name"
SET COLOR TO .W/W	8 6, 4 SAY "Acronya"
0 4,4 CET scurrings PICTURE "999",	6,20 SAY "Point of Contact"
ANTIBLE - (TENINETTIALIBECTLE DIRECTLE)	

* herefore and and and instruction of the by the Grand Andrews	
SEL READ	200 The contract of the contra
883 expr e acurinado	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
884 isuntaue * .T. ges Duccase	972 #! Called by: NFS_APPE.PRG 973 #! ( NFS_EDIT.PRG
950 REUTH MANARAMAN PARAMANAN MANARAMAN MANARA	974 m)
77	974 PROCEDURE nos_forec
	978 6 1,0 TO 9,79 BOUBLE COLOR B+/N
891 m)	979 SET COLUM TO UP/M.M/M 960 6 0, 0 SAY SPACE(BD)
1. 20	981 0 0 0 SAY "Bacard."
BY MOCEDURE no s. formal	963 @ 0,46 SAY * COLOR N/W
894 CLEAR 897 & 1.0 TO 14.79 DOUBLE COLOR 8*/H	984 6 prospiros (0 SAT prospibar 985 6 2, 1 SAT *(F1) for Help*
898 SET COLOR TO U+/N,N/U	966 0 2, 2 SAY 7FI" COLOR GR+/N
FOR B 0.40 SAY DATE (I COLOR N/W	98 6 3, 4 SAY "Curriculum 8"
901 0 0,68 SAY - COLOR M/U	989 6 3,23 SAY "Curiculus Nums"
903 @ promptrow ,0 SAY promptbar	991 & 7. 4 SAY "Code"
904 G 2, 1 SAY "(F1) for Help" 405 G 2 2 SAY "F1" CAT B CB-/A	992 G 6,23 SAY "Phone G"
904 SET COLOR TO U/N,N/U	AND RESERVED
907 d. 3, 3 SAY "Meaber"s SSN" 908 d. 5, 3 SAY "Lest New "	995 al Procedure: NPS_SAYS
909 & S.40 SAY "First Hand "	
910 @ 5.70 SAY "Rank/Rate"	Called by: savet
912 B 7,22 SAY "Service Branch"	1000 HI Calls: MPS_ASAY (precedure in MPS_PROC.PRG)
914 @ 7,70 SAY "Class"	
915 G 6.58 5AY 'PRI/00/YY"	1003 at 1
917 0 10, 0 SAY " COLOR B+/N	1005 PROCEDURE no s_savs
	1004 ID CASE deferes " 1"
920 RETURN	1008 Do nes_seav
921 minnen kranskarararakarakarakarakarakarakarakarakar	1007 CASE GRANTEL * 2"
923 ml Procedure: MPS_FORM2	1011 CASE Objects - "3"
925 HI Called by: MPS_EDIT. PRG	1013 Biocase
926 At Calls: MPS_FORMA! (procedure in NPS_PROC. PRG)	1014 PETURAN INDER KINDE DEMENDER DER KINDER DER KINDER KI
	1016 HI Procedure, Mark again
OCEDIAE nes, fores2	H
931 B0 nps_tornal	1019 HI Called by: NFS_SAYS (procedure in NFS_PROC.PRG)
932 G 1.0 TO 21.79 DOLMER COLUM 8-7M 933 G 10, 0 SAY " COLUM 8-7M	100) - 1. 17-1 - 18 18 18 18 18 18 18 18 18 18 18 18 18
934 @ 10,40 SAY " COLOR B+/N	1022 PROCEDURE no assay
924 G 14, 40 SAY " CLUCK BY/N	1024 SET COLOR TO .W/W
937 & 16.16 SAY "Dates of Previous Recall Latters Mouted To Member"	1025 @ 3.16 GET members.san
939 G 18,27 SAY "Recell 2"	1027 6 5.51 GET members.first_name
940 p 18,46 SAY "Recall 3"	1028 ( 5.75 GET members.mi
A2 BETWEE	1030 4 7,37 GET members.branch
440 s.mrtarataratarataratarataratarataratarata	1031 0 7,50 GET members.last_t2
945 ml Procedura: MPS_FORMS	1033 6 9,15 GET members, peno
947 wi Called by MPS, APPE, PRG	1035 IF sembers, ulc - "31405"
948 mi . NPS_EDIT.PRG	1036 SET COLOR TO W/N 1037 @ 11.30 SAY "NPS Student"
950 HERRICH MARKET MARKET MARKET WAS BELLEVIEW OF STREET MARKET M	1038 6 12,30 SAY "Curriculus Number
751 FRULEURIE NO B. FORTED	1040 & 13, 1 SAY SPACE (78) COLOR .W/N
953 6 1.0 TO 9.79 DOUBLE COLOR B+/N	1041 SET COLOR TO , W/W
754 SET LULUM TO WAYA, WAY 955 & 0, 0 SAY SPACE (BO)	1042 0 12,49 GET pendere.cerc_num
954 @ 0, 0 SAY "Record:"	1044 E1SE 1045 - 0 11, 10 SAY SPACE (44) COLOR . N/N
958 0 0.48 SAY COLOR N/H	1046 6 12,30 SAY "Department Code "+SPACE (28) COLOR W/W,N/N
959 d Prodectod, U ant prodector 960 d. 2, 1 SAY "(FL) for Halp"	1040 6 13, 1 SAY SPACE (78) COLOR .W/H
961 0 2, 2 SAY "FI" COLOR GROIM 962 SET COLOR TO WIM.NI	1049 ENDIF 1050 @ 19, @ GET members.recall_1 PICTURE "@D" COLOR ,W/W
963 & 3, 4 SAY 'UIC"	1051 0 19,27 GET members, receil_2 PICTURE "00" COLOR, H/M
944 W 3,10 SAY "Actualty Mana" 945 W 4, 4 SAY "Actuave"	PICTURE -00- COLON
966 @ 6,20 SAY "Point of Contact" a47 BFTIBM	1054 CLEAR GETS

150   150	100   100	1009 at Called by: NPS.SAYS Grocedure in NPS.PHOC. PMG) 1004 at Called by: NPS.SAYS	1147 METURA 1148 mineruman-dungendamen
### Call of July 1975   1975	### Called by any and a called by a called	ni sananani	1150 HI Procedural MPS_CS
1, 2, 67	Called by, wf, Alfa	1004 m	1152 HI Called by, MPS.ST
1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	1, 6 cf   elititity actions   1, 15 cf   elitity actions   elitity actions   1, 15 cf   elitity actions   eliti	1065 SET COLOR TO . M/W	1.53 5.
7.7 6 621 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	7. 5 65 MINISTER, SECOND 1150 MINISTER 1150	1047 8 4.15 GET activity. act. name	PROCEDURE A
### ### ### ### ### ### ### ### ### ##	### Colled by: 1975, 1507    Colled by: 1975, 1507   C	1068 B 7, 4 GET activity acronys	1156 m Using CURRICAL DRF
Called by: 1975, 5475   Call	Called by: 1945_5475   Uncerded in 1945_1902.78%    1155   1150	1070 CLEAR GETS	EISE STORE CUTTICULATION
Called by, 1962, CAN   Conceder in 1962, PROC. PROJ.   Called by, 1962, CAN	Cited by   197, 5417   Cited by   197, 5417   Cited by   197, 700, 700, 700, 700, 700, 700, 700, 7	1071 METURN	1159 STORE curricul.cu.r_nam
Called by, 1875, 5475  Called by, 1875, 5475  Called by, 1875, 5475  Called by, 1875, 5475  Called by, 1875, 5476	Called by, 1875, 2475  110 110 110 110 110 110 110 110 110 11	•	1140 STORE curricular cod
Called by, and 3417 (procedure in any appecation)  1. 10	Called by, 1975, 5475  TO DO TO THE CONTROL OF THE	*	1162 RETURN
### 1975   1975	### Called by: WF 5 510   1979	***	
100   100	11.00   1.00	#! (4116d By: MT3_3A13	1165 # Procedura, MPS.
### CALLING FOR STATE   1157	### CATE OF THE PARTY OF THE PA	*************	732
### CACAN TO LAND TO THE PROPERTY OF THE PROPE	### 19 19 19 19 19 19 19 19 19 19 19 19 19	_	<b>.</b>
# 4 d E Corricial Corr. Amage   117 miles   17 miles	### 17   ###		1 471
### 17   15   17   17   17   17   17   17	1.2   1.2		ī
7.73 EE CONTEGE STATE  CATE OF THE C	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		1171 11
### Color of the C	Call of Dr.   175   17		1173 11
177 CASE det   177	177 CASE det   177		1174 minnennannanninnin
Called by: uPS_STOR  Called by	Called by: 147-510f  Called by	PE TURBA	1175 PROCEDURE nos_gets
Called by, wis APE, FRE  Called by, wis APE, F	Called by, we, APE PRE  Called		1177 CASE Objects - 1"
Called by, May, APPE, PME  (a) Called by, May, APPE, PME  (b) Caccadar in May, PMC, PME  (c) Called by, May, Carled by, May, Called by, May, APPE, PME  (c)	Called by: wes, APPE, PRE  (wes, ask)  Cast Getween 11  Cast Getween 21  Cast Getween 22  Cast Getween 23  Cast Getween 23  Cast Getween 24  Cast Getween 25  Cast	•	1178 DO nes_east
Call a we' 1011 Free   1112 Cost of a me' 1011 Free   1112 Fre	Call a way, 100 C feed on a wa		
1112   100 post	Calle, MPS, ASTO		
Called No. 5, 5510   Opticidate in No. 7, 1900, 1965   1145   1	100   100	•	
CASE	MACCEDAR   1982, CSTO   Corcedars in 1972, PROC. PRO.   1115	at Calle, MPS_ASTO	
		0150 528	1100 m-numeranamental
The process of the	100 CASE   100 CASE   110 P		7
1100 CASE   1100 DE	1100   Discrete   Cold discrete	• •	= =
199   199	199   199		7
CASE Galves   22   1193   1194   1195   11	December   197   198		: :
1159   1159	1159 ii   1159	CASE BAKE	1192 mi
115   115	1155   1155	- 3	
Fracedure   WF_ASTO	Freedwar   WF ASTO   1195	3	
		1100 ENDLACE	1175 -
	1199 SET	1100 RETurn	1197 PROCEDURE nos. aget
	Freedwall NPS_SION   (erecadure in NPS_PROC.PMC)   1300	*****	1196 m Using NEMBERS, DBF
Called by, WF, STOR (procedure in WF, PROC. PRO)   1201	Called by; wF5.5TOR (erocadure in wF5.9MOC.PMG)   1201	Procedure	i.
Called by, wF. STOR		-	
100   100	100   100	m! Called by: NPS_STOR	
### CENTER FOR a set 0	### CENTER FOR a set of the contents of the co		
100   100	100   100	900000	
100   100	100   10   10   10   10   10   10   1	_	
100   100	100   100	# Initialize es	
100   10   10   10   10   10   10   1	100   10   10   10   10   10   10   1	STORE BAN	
STORE an   10 mail   1211   1212	STORE CAN   10 mail   1211   1212	STORE FICES ASSE	
STORE   set, rate   10 mr.mit.rita   1213   1213   1213   1214   1213	100   Factor   10   Factor   10   10   10   10   10   10   10   1	STORE AL	1211 ERROR "Service Bran
STORE for acts   10 mbs and	1310   10   10   10   10   10   10   1	STORE rank rate TO	•
1700   1700	100   100	STORE BY MACH TO	1213 (alast t2 te DATE())
STORE   December   December   STORE	1216   1216	STORE CLASS TO	1215 @ 7.74 GET eclass
STORE wis   10 mark	STORE Curr   10 mark   1218	STORE pane 10	1214 ENROR "Valid Class
	1210   1210	STORE usc TO musc	•
#TUDBE	### Procedure in 1972   1720   1721   1721   1721   1722	STURE CULTIFICATION TO BEGIN	ENORGH - PER
	1221   EAST	ME TURN	1220 EMOR UIC required.
	1223   1223   1223   1223   1224   1224   1224   1225   1225   1225   1226	—————————————————————————————————————	1221 READ
1224 CM0	1225 GO   1226	غ : :	
1226 AND	Section   Sect		1224 GADIF
PROCEDURE nes to a contract of the contents.  1227  1229  1229  1229  1229  1229  1220  1220  1220  1220  1220  1220  1220	PROCEDER one bate Procedure new bate Procedure of the bate Procedu	at Californy Mrs. Siles Springered at	3 5
restructure new parts of the contents.  1229  1229  1220  1220  1220  1220  1220	Frequency Act   1229   1229   1229   1229   1220		•
CODE activities assume with field contents.	STORE activities measure with field contents. STORE activity.uic 10 mulcb -> s		•
	STUME ACTIVITY. WIC	e initialize meavars with field conte	•

	Procedure   Proc	?	RETURN
Procedure 1875_5108    Called by, 1875_5108	Frocedure, 1875, 5310  Lateral Called by, 1875, 5108  The Called by, 1875, 5108  The Carried, 1977, 7008  The Carried, 1977, 7008  The Carried, 1977, 7008  The Called by, 1875, 687  The Called by, 1875  The Called	23	第一节点 节点 医自动性 医电子性管 医性性性 医生物性 医多种性 医多种性 医甲基氏 医甲基氏 医多性性 医克拉克 医多种性 医多种性 医多种性 医克拉氏征 医克拉氏征 医克拉氏 医克拉氏 医克拉氏 医克拉氏 医克拉氏 医克拉氏虫虫 医二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲
Called by, MFS, 570R  HILLIAND CUCEDAGE, or Cate  "	PROCEDURE POR LOCATION CONTRICTOR	3	Procedura, MPS_CS10
PROCEDURE one set of the field of the field controlled	POCEDURE CONTINUED TO SECURITY OF SECURITY	2 2	by, MPS_STOR Gerocedure in MPS_PROC
FOCCEDAR PRESENT	FOCCEDAR PRESENT	2	
### Called by MPS_GETS  ### MPS_GETS	### Called by MPS_GET   ### Ca	2	20 CB to
STORE CURTICAL CUTTANDS   STORE CUT	SIGNE CURTICAL CATALOGO SIGNE CAT	4	CURRICAL DEF
STORE CURTICULATORS STORE CORP. STORE STORE STORE STORE CORP. STORE STORE STORE STORE CORP. STORE	STORE CURTICULATORS STORE ST	3	curtical currane 10 scurr
SIGNE CERTICALLA CONTROL OF TO BE STORY CERTIFICATION OF THE STATE OF	SIGNE CURTICALLY TO TO THE SET OF	2	curricul.cu.r_nase 10 scurr_
RETURN  FOCCEDATE NESS GETS  Called by: NESS ARET  DO ONE SHOT  CALLE NESS ARET  NESS GET AND  CALLE NESS ARET  NESS GET AND  CALLE NESS ARET  NESS GET AND  CALLE NESS ARET  CALLE NESS ARET  NESS GET AND  CALLE NESS ARET  CALLE NESS ARET  CALLE NESS ARET  NESS GET AND  VAL. UNC.  CALLE NESS ARET  NESS GET AND  VAL. UNC.  VAL. UNC.  CALLE NESS CREATER  CALLE NESS ARET  CALLE NESS CREATER  CALLE NESS CREATER  CALLE NESS CREATER  CALLE NESS CREATER  CALLE NESS ARET  CALLE NESS CREATER  CALLE NESS CR	RETURN  FOCKSOLATION SERVICES  INTERPRETABLE STATE SELECT  INTERPRETABLE STATE SELECT  INTERPRETABLE SELECT  I	3	curricul, 1 New no TO mehand
Called by, MPS.5ETS  (Called by, MPS.5ETS  (	Called by, MPS_CETS  Cold Cold Called by, MPS_CETS  Cold Cold Called by, MPS_CETS  Do nos_cett  Do nos_cett  Do nos_cett  Do nos_cett  Called by, MPS_CETS	3:	2
Called by, MPS_APPC_PRC  Called by, MPS_EDIT.PRC  Call as WPS_EDIT.PRC  DO CASE  CASE dof are a = 11  DO CASE  CASE dof are a = 12  CASI dof are a = 12  CASI dof are a = 12  CASI dof are	Called by, MPS_APPC_PRC  Called by, MPS_EDIT.PRC  III Called by, MPS_EDIT.PRC  III CALLED GRASS GRET  DO OS_SEGET  DO OS_S	3	i
Called by, MFS.APPE.PRE  Calle, MFS.EDIT.PRE  Calle, MFS.GET  MFS.GET  DO CASE  CAG GATAS = 17  DO ONE.SOR  CAG GATAS = 17  CA	Called by, MPS.APPE.PRE  Calles NPS.APPE.PRE  Calles NPS.AET  DO CASE  DO CASE  CASE Graves - 1"  DO OPS.Dest  CASE Graves - 1"  CASE Graves - 1"  DO OPS.CASE  CASE Graves - 1"  CASE Graves - 1"	3	Š
CALLA NES-GETT-PRE  INTERNATIONAL NES-GETT-PRE  CALLA NES-GETT-PRE  INTERNATIONAL NES-GETT-PRE  INTERNATIONAL NES-GETT-PRE  CALLA NES-GETT-PRE  CA	CALLS WES EDIT PRE  CALLS WES GAET  WES GAT  WES GAET  WES GAT	33	Salar Sala
CALLA NAS. AGET  INTERCEDIA DE CALLA NAS. AGET  INTERCAMENTALINAMINAMINAMINAMINAMINAMINAMINAMINAMINAM	Calls NPS_AGET  NPOCEDIE PRO_AGET  NPOCEDIE PRO_AGE	3	MPS 6017
MILE CALLE TO A STATE OF THE CALL OF THE C	MOCEONE PRO-SET  MOCEONE PRO-SET  MOCEONE PRO-SET  MOCEONE PRO-SET  MOCEONE PRO-SET  MOCEONE PRO-SET  MOCHOS CONTRACTOR  MOCHOS	3	2008 201 . I a charront
I I I I I I I I I I I I I I I I I I I	I I I I I I I I I I I I I I I I I I I	2	MPS. BGET (procedure in MPS. PROC
CASE Goldware "1"  DO CASE  CASE Goldware "1"  DO CASE  CASE Goldware "2"  DO CASE  CASE Goldware "2"  DOCASE  CASE Goldware "2"  CASE Goldware "2"  VAL_DAND	CASE Gof was a "1"  DO CASE  CASE Gof was a "1"  DO CASE  CASE Gof was a "1"  DO CASE  CASE Gof was a "2"  CASE Gof was a "2"  CASE Gof was a "3"  DOCKASE  CASE Gof was a "3"  DO CASE  CASE CASE CASE CASE CASE CASE CASE CASE	2:	(procedure in MPS_PROC
DO CASE CASE GAS-SAS-1 CASE GAS-SAS-1 CASE GAS-SAS-2 CASE GAS-SAS-3 CASE GAS-3 C	DO CASE  CASE GAFARA 11.  CASE GAFARA 21.  CASE GAFARA 22.  CASE GAFARA 22.  CASE GAFARA 22.  CASE GAFARA 23.  ENGLASE  MILL CASE CASE 23.  CASE CASE 23.  CASE CASE 23.  CASE CASE 23.  CASE CASE CASE 34.  CASE CASE 35.  CASE CASE 34.  CASE 3	: 5	1
CASE GAVES = 1.1  DO ORS. SHORT  DO ORS. SHORT  DO ORS. SHORT  DO ORS. CONTROL  DO ORS. CONTROL  DO ORS. CONTROL  HI Proceedure: NPS. AGET  HI Frocedure: NPS. AGET  HI Frocedure: NPS. AGET  HI Called by: NPS. GETS  HI Called by: NPS. GETS  HI CALL ON MAN. DO ORS. CONTROL  STORE OR ORS. CONTROL  STORE	CASE GAVES = 1.1  DO 100 - 200 - 201  DO 100 - 201		2
CASE defense "2"  DO 000.000.000.000  DO 000.0000  DO 00000  DO 000000  DO 000000  DO 0000000  DO 0000000000	CASE defens - 2- DO OPE-Dest  DO OPE-Dest  DO OPE-Cest  DECLASE  DECLASE  DECLASE  DECLASE  DECLOSE  DECL		:
DO ON DO SE DORE  CASE GO AND AND THE SETS  MI PROCEEDER OF THE SETS  MI CALLE DOY NOT SETS  MI CALLE ON THE SETS  MI CALLE SET	DO ON DO SE DONE  CASE GATANO TO THE SECRET SHAPE  DOCASE  DOCASE  DOCASE  DOCASE  DOCASE  DOCASE  DOCASE  IN THE CALL OF THE SECRET SHAPE  IN THE CALL OF THE SECRET SHAPE  IN THE CALL OF THE SECRET SHAPE  SECRET		1 nos . 1941
CASE date as 13.  DUCKSE DATE AS 13.  DUCKSE DATE AS 13.  DUCKSE DATE AS 13.  HIMTORINAMINAMINAMINAMINAMINAMINAMINAMINAMINAM	CASE defeate 17.  DOCASE  MILLOR DESCRIPTION		
DO DOS CORTAGOS DO DOS CORTAGO	DO ONE.COST  METURAL ACTIONAL DESCRIPTION OF THE CALLS OF	2	nes beet
DDCCASE  FILLING  HILL  CALLED DAY 1875, AGET  HILL  VAL, UIC  VAL, UIC  HILL  VAL, UIC  VAL, UIC  VAL, UIC  VAL, UIC  VAL, UIC  HILL  VAL, UIC  VAL, UIC	DDCCASE  REIUN  HILL CALLED BY 1875_GETS  HILL	9	
RETURN  III Call ad by: NPS.AGET  III CALL AND	RETURN  RETURN  III Call ad by, 1875,6275  III Call ad by, 1875  III Call ad by,	2	DIOCASE
The control of the co	The control of the co	Ī	ž
HI Procedure, NPS_AGET  HI Calls UNL_PAND  HI CALLS UNL_PAND  HI UNL_CORN  HI UNL_CORN  HI UNL_CORN  HI UNL_CORN  HI UNL_CORN  S.13 GET BASE, AMB PETCURE "INAMA  WALD GNOT EPPTVALLTRING misst, name required." FUNCTI  ENCON "First name required." FUNCTI  S.13 GET main or rate required." FUNCTI  SENDOR "FUNCTI LAS ENCY CALL TRING." FUNCTI  SENDOR "FUNCTI LAS ENCY CALL TRING." FUNCTI  SENDOR "FUNCTI LAS ENCY CALL TRING." FUNCTI  SENDOR "LIST OF SENDOR FULLY FUNCTION." FUNCTION.  SENDOR "LIST OF SENDOR FULLY FUNCTION." SAND  SENDOR "LIST OF SENDOR FULLY FULLY FUNCTION." SAND  SENDOR "LIST	Through the state of the state	2	
Called by MPS. SETS  HI Called by MPS. SETS  HI CALLS WA. JUNC.  HI WA.	called by MPS_GETS  iii Called by MPS_GETS  iii Called by MPS_GETS  iii Called by MPS_GETS  iii MPS_GETS  ii MPS	:	3
Calls, VAL_2000  III Calls, VAL_2000  III VAL_UNG  III VALU  III VALU	Calls VA. BRNO  III Calls VA. BRNO  III VAL. CARN  III CALOR TO VATALIVE  III CALOR TO STATE TO	1	
Calls VAL_BRAN  INL. LORGE  VAL_CGR  INL. LORGE  VAL_LUC  VAL_LUC  VAL_LUC  SCECLORE TO SAME  S. 13 CET alatt_name FICTURE "INAMA  S. 14 CET alatt_name FICTURE "INAMA  CERORE "INAMA  SENOR" SAME OF TAKE TO SAME "INAMA  CERORE "INAMA  SENOR" SAME OF TAKE "INAMA  CERORE "INAMA  SENOR" SAME SAME "INAMA  SENOR" SAME SAME SAME SAME SAME SAME  SENOR" SAME SAME SAME SAME SAME SAME SAME  SENOR SAME SAME SAME SAME SAME SAME SAME SAME	Calls VAL_BRAN  I VAL_UDG  I VAL_UDG  I VAL_UDG  I VAL_UDG  I VAL_UDG  I VAL_UDG  EDCEDARE no. 1984  SET CLOAT DUM ANY  RETCHAR GENERAL BASE  SET CLOAT DUM ANY  VALED DUD ENTYACHER IN SET IN	\$	Called by, MPS_GETS (procedure in MPS_PROC
HISTORIAN AND THE STATE OF THE	HISTORY OF THE CONTRACT OF THE	2 :	the same to the party of the same to the s
1. VAL. CORP.  1. VAL. CORP.  1. VAL. CORP.  1. VAL. CORP.  2. COLOR TO LVA ALV.  2. SET COLOR TO LVA ALV.  2. SET COLOR TO LVA ALV.  VAL TO LOOT EPTY CALL TRIRC a last, now required. Flact.  2. SET CET and now required. Flact.  2. SET CET and price to any process.  2. SET and process.  2. SET and process.  2. SET and process.  3. SET and process.  3. SET and process.  3. SET and process.  3. SET and process.  4. SET and process.  5. SET and process.  6. SET and controlled.  6.	1. VAL. CLOS  1. VAL. DATE ST. DATE  1. VAL.	~	, VAL. PAND (procedure in NPS_PROC
The control of the co	THE STATE OF THE S	2	(procedure in MPS, PROC
COLORE ON SALES SET ON STATE S	interpolation to the property of the process of the	: 1	Chrocedure in Mrs. Price.
ET COLON TO WIN.WWY  ET COLON TO WIN.WWY  S. 13 GET BATLALEN FICTURE "IAMAN  WAL TO SOTT ENTITY ALL THE TIME "IAMAN  WAL TO SOTT ENTITY ALL THE TIME "IAMAN  S. 51 GET BATTLA AND PICTURE "IAMAN  S. 13 GET BATTLA AND PICTURE "IAMAN  S. 13 GET BATTLA AND PICTURE "IAMAN  S. 13 GET BATTLA AND CONTROL THE "IAMAN  S. 13 GET BATTLA AND CONTROL "IAMAN  S. 13 GET BATTLA AND CONTROL "IAMAN  S. 13 GET BATTLA "IAMAN  S. 13 GET BATTLA "IAMAN  S. 13 GET BATTLA "IAMAN  S. 14 GET BATTLA "IAMAN  S. 15 GET BAT	SECRETARE RESERVED BY SECRET CRORN TO WANNER DATE CRORN THE WANNER DATE CRORN THAT ARRAY THE THAT THAT	ž	10 12 12 12 12 12 12 12 12 12 12 12 12 12
SET COLON TO MUN.NU SET COLON TO WANNU WALD NOT EPPTYALITRIN clast.nos WALD NOT EPPTYALITRIN clast.nos SEGON TITES AND TOWNERS.PACE WALD NOT EPPTYALITRIN clast.no. WALD NOT EPPTYALITRIN clast.no. WALD NOT EPPTYALITRIN cant.clast. S.73 GET main. FICTURE "19. WALD NOT EPPTYALITRIN cant.clast. S.73 GET main. FICTURE "19. WALD NOT EPPTYALITRIN cant.clast. SEGON "Sant.clast. PICTURE "19. WALD NOT EPPTYALITRIN cant.clast. SEGON "Sant.clast. PICTURE "19. WALD NOT EPPTYALITRIN cant.clast. ERROR "Sant.clast. PICTURE "19. WALD NOT EPPTYALITRIN CANT. Clast. CRORN "VAILE Class resulted." FUNC. PICTURE "19. ERROR "VAILE Class resulted." FUNC. ERROR "VAILE Class resulted." FUNC. ERROR "VAIL Class resulted." FUNC. ERROR "VAIL Creat.cl." FUTURE "19. ERROR "VILC resulted. Append nos. U. ERROR "VILC resulted. Append nos. U. ERROR "VILC RESULT. PICTURE "19. ERROR "12. DG SAY "Useave blank I F. MAI."	SET COLON TO MUM. NO.  SET COLON TO MUM. NO.  WALD NOT EPPTYALL TRIRG alset, many by 10 to 10 to 17 to	2	CEDURE nos aget
6 5.13 GET elast, mass PICTURE - 14444, W.L. 1940 TO TEPT VIALITHIN I alast, mas EMOIN - Last nass required. FULCITHIN I alast, mas EMOIN - Last nass required. FULCITHIN I alast, Take EMOIN - FLAT have required. FLAT SEE THE ANALY RAIL FLAT SEE THE FULCINE - 01 - VLD 1940 EMOIN - CASE TO FULCINE - 01 - VLD 1940 EMOIN - CASE TO FULCINE - 01 - EMOIN - SERVICE BRANCH - PICTURE - 01 - EMOIN - SERVICE BRANCH - PICTURE - 01 - EMOIN - VALID Last, IZ date required. Fulcine - VLD 14 CE alast, IZ date required. Fulcine - VLD 14 CE alast - CASE -	6 5.13 GET slawt, new PICTURE - 14444, Wall Die Unter 1444, 1942   Last name required. FULLI HIN I alast name required. FULLI GENOR "Valid Class required. FULLI GET Aust required. FULLI FULLI FULLI FULLI F		COLOR TO U/V A
UNLID (NOT EMPTY (ALITRIPIC alast_nas EMECR 'Last nase required.' FLOCT 18 (18 18 18 18 18 18 18 18 18 18 18 18 18 1	WALD GOOT EMPTY CALITRIPIC GLOSS TANGED BEECH TANGED TO SECOND THE SECOND THE TANGED TO SECOND THE TANGED TO SECOND THE TANGED TO SECOND THE TANGED TO SECON	8	Colon to some page Pictures
ENDOR 'LAB name required.' FULCTION WALD (MOT EMPTYALLTRING with a picture.' PlacE 65.75 GET main are required.' PlacE 65.75 GET main are required.' PlacE 65.75 GET main are picture.' PlacE 67.75 GET main or rate required.' PlacE 6600 "Moth or rate required.' PlacE manner or rate required.' PlacE manner or rate required.' PlacE 6600 "Moth or rate required.' PlacE 6600 "Savice Banch required.' PlacE 6600 "Valid Late, 12 data required.' Pepend new Lista of CASE 6000" "Valid CASE 60000" "Valid CASE 600000" "Valid CASE 6000000" "Valid CASE 600000" "Valid CASE 600000" "Valid CASE 6000000" "Valid CASE 6000000" "Valid CASE 600000" "Valid CASE 6000000" "Valid CASE 60000000" "Valid CASE 60000000" "Valid CASE 60000000" "Valid CASE 6000000000000000000000000000000000000	ENDOR 'LAND TAME TO PURCES 'NUMED TO SET	Ē	PTY CALTRING alast
8.51 GET maintaine prillude "IAAN WALD GOOT CAPT AND SPICING "IAAN WALD GOOT CAPT AND SPICING "IAAN WALD GOOT CAPT AND SPICING "IAAN DE TOT CAPT AND SPICING "IAAN "IAAN "IAAN DE TOT CAPT AND SPICING "IAAN DE TOT CAPT AND SPICING "IAAN "IAAN "IAAN DE TOT CAPT AND SPICING "IAAN	8.51 GET maintaine Pictude "IAAN"  WALD MOTEDTIVALIMIN Maintaine  8.75 GET maintaine PICTUDE "01"  8.75 GET maintaine "02"  8.75 GET mainta	202	name required." FUNCTION "A"
SECOND FIRST NAME CANALITATION STRINGS  8 7.35 GET main FIGTING "I" 9  7.35 GET main or rate required" FIRST SERVER Bench required" 9  7.35 GET man or rate required" 9  7.36 GET miss or rate required" 9  7.36 GET miss to PICTING "II" 1  8 7.30 GET miss to Main 1  8	EROOM FILST NAME CONTINUES TO SET A	ž š	ET misset nam Pictum "!AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
9 5.75 GET mai.  9 7.13 GET mai.  1 7.10	9 5.75 GET mai, pricture 1"-"  9 7.13 GET mai, rate pricture "8"  9 7.13 GET main or rate resulted "8"  8 8000 "Sarvice Breach Pricture "8"  8 7.50 GET mains. Pricture "9"  9 15 GET mains. Pricture "9"  11 10 GET main. Pricture "8"  12 10 GET main. Pricture "8"  12 10 GET main. Pricture "8"  13 10 GET main. Pricture "8"  14 1457 EVI) 2 27  15 LEGEN "11 GEN "11 GEN "8"  16 CASE maic. Pricture "8"  17 15 GET main. Pricture "8"  18 1457 EVI) 2 27  18 1457 EVI) 2 27  18 1457 EVI) 3 27  18 1457 EVI) 4 27  18 1457 EVI) 4 27  18 1457 EVI) 6 27  18 15 GET main. Pricture "8"  18 16 GET main. Pricture "8"  18 16 GET main. Pricture "8"  18 17 18 GET main. Pricture "8"  18 18 18 18 18 18 18 18 18 18 18 18 18 1	8	First name required."
VALID EMPTYALLERING "B1"  VALID EMPTYALLERING "B1"  VALID EMBOR" "BANK OF TALE TREATER" "IT SEEDER" "BANK OF TALE TREATER" "IT SEEDER" "B1"  FROOM "SEVICE BEACH TREATER" "IT SEEDER" "B1"  A 7.58 GET BEACH "B1"  A 1.56 GET BEACH "B1"  FROOM "VALID LEAL" IZ SEE TREATER" "B1"  A 1.56 GET BEACH "B1"  FROOM "VALID CLEAR TREATER" "B1"  FROOM "VALID CREATER" "B1"  FROOM "VAL	VALID GENERAL FAST VALLERING "BIT WALD NOT EMPTY VALLERING "BIT WALD NOT FAST VALLERING "BIT EMPTY VALLERING "BIT EMPTY FAST VALLERING "BIT EMPTY FAST VALLERING "BIT EMPTY	ž	GET and PICTURE "I" FUNCTION
WALD NOW TRYTYMALITINING WAIL- ENDON "SALVICE BEARCH PETTURE" 81- ENDON "SALVICE BEARCH PETTURE" 81- ENDON "SALVICE BEARCH PETTURE" 91- ENDON "VALID LAST. TO ALE TO ALE ENDON "VALID LAST. TO ALE TO ALE ENDON "VALID LAST CALE TO ALE ENDON "PARO STALK TOWNING." PLITURE "81- ENDON "PARO STALK TOWNING." PARO STALK TOWNING. "PARON"  1 2, 20 SAY "LIBOAN BLANK TOWNING." PANON.  1 2, 20 SAY "LIBOAN BLANK TOWNING." PANON.  1 2, 44 GET MARCH PLANON.	WALD NOW! DEPTYMENTING SANISHED SERVICE TRANSPORTER TO WALD NOW! TEACHER TO THE SERVICE TRANSPORTER TO THE SERVICE THROUGH THE SERVICE THROUGH THR	8	0 7,13 GET grant_rate PICTURE "01" ,
BROW "Service Brown required." BEROW "Service Brown required." BROW "Service Brown required." BROW "Service Brown required." BROW "Vaild Lest. IZ Are required. BROW "Vaild Lest. IZ Are required." BROW "Vaild Cleas required." FUNG "BROW "Vaild Cleas required." FUNG "BROW "Vaild Cleas required." FUNG "BROW "UIC required. PETUNE "al. 10.57 ac. ac. "A 1405".  BEROW "LIC required. Petune "A 11.05 ac. "1405".  BEROW "LIC required. Petune "A 11.05 ac. "1405".  COSE maic (~ 131405".  C	6 7.37 GET means PICTURE "all GROOM SERVICE Brown required." Factor of January Carlon	e s	SECTO (NOT EMPTY (ALIMINIC GRANK_rate)) ,
ERROR "Service Brach required" B 7.58 GET alast, 22 PETUME "D" W. (alast, 23 PETUME "D" W. (alast, 23 PETUME "D" "D" PETUME "D" "D" PETUME "D" "D" PETUME "D" "D" "D" "D" "D" "D" "D" "D" "D" "D	ERROR "Service Brach required" B 7.56 GET alsas. 22 PETURE "D" US (a) ast 12 C obstet) and (a) ast 12 PETURE "D" US (a) ast 12 C obstet) and (a) ast 13 C obstet) and (b) ast 13 C obstet) and (b) ast 13 C obstet) and (a) ast 13 C obstet) and (a) ast 13 C obstet) and (b) ast 13 C obstet) and (b) ast 13 C obstet) and (b) ast 13 C obstet) and (c) a	2	7.37 GET aprench
4 7.58 GET 8484, 62 PETUNE 'D - W.  (4) ALL L2 (* DME(1)) AND 'GLIAR'  (5) AGET GELASS PETUNE ***  7 7.6 GET GELASS PETUNE ***  6 9.15 GET MAD 'D - M.  6 9.15 GET MAD 'D - M.  6 9.15 GET MAD 'D - M.  7 12.10 GET MAD 'D - M.  8 12.10 GET MAD 'D - M.  8 12.10 GET MAD 'D - M.  8 12.10 GET MAD 'D - M.  9 12.10 GET MAD 'D -	4 7.86 GET BASE, 42 FETURE 'D- WA (alast, 42 de date, 42 de date, 42 de date, 42 det required (alast, 42 det required (alast, 42 det required (alast, 42 det required (alast, 42 det date, 42 det date, 42 det date, 43 det date,	112	ERROR "Service Branch required." FUNCTION "A"
### ### ##############################	ERRON "Valid Lear, IZ date required to 7.9 GET means ERRON "Valid Clear required." Per ERRON "Pen Erron required." Per ERRON "Pen Erron "Per ERRON" "Pen Erron "Per ERRON" "Pen Erron "Per ERRON" "Pen Erron "Per Erron "Pen Erron "Pen Erron" "Pen Erron "Pen Erron" "Pen Erron	77	
6 7,76 GET mclass PICTURE "9" FROM "15 GET means PICTURE "10" FLOW GENOR "10"	6 7.76 GET exclass FICTURE "9" FER EMORY "9" FIGT "9" FIG		
ERROR "Valid Class required." FLME "ai" ERROR "Pano Situa required." FUNC ERROR "LI GGT maic PICTURE "ai" ERROR "LIC required." Append near Li FLASTREVI » 27 FLASTREVI » 2	EMEND "Volld Class required" FLNK  9 15 GET again   FLNK E "11 CET again    EMEND "UIC required. Append new Lift ME "11 COT again    FETCH   FLNK E "11 CET ag	2 2	BICTURE 19.
# 9.15 GET means   PETURE '1 'NALIGUAL pans (means)   ### SEROR 'Pans Status required." Fuel TIVM 'A.   ### SEROR 'UIC required. Assund new UIC to ACTIVITY. DBF 14   ### SEROR 'UIC required. Assund new UIC to ACTIVITY. DBF 14   ### SEROR 'UIC required. Assund new UIC to ACTIVITY. DBF 14   ### SEROR 'UIC required. Assund new UIC to ACTIVITY. DBF 14   ### SEROR 'UIC TO BE 14   ### SEROR 'UIC TO BE 15   ### SEROR 'UIC TO BE 16   ###	# 15 GET means   FICTURE '14 VALIGUAL pans (mpans)   ERROR' Pans Status required. FLAKTION' A. # 12.10 GET muic   ERROR' UIC required. # PECTURE 'el' WALDLOAL UIC (malculc.)   ERROR' UIC required. # Abound new UIC to ACTIVITY. Dir 14   ERROR '15 SATIVITY DIR 14   ERROR '15 SATIVITY DIR 17   ERROR '15 SATIVITY	316	"Valid Class required." FLMC
## BRONG **Pand Status required. **PARTION** **ARTION**	ERROR "PLOS Status required." FACTION" LEGISLUS) 1, 62 12,10 GET auto PICTURE "8" VALIDION'S LUCGAULD) 1, 62 MG auto PICTURE "8" VALIDION'S LUCGAULD) 1, 62 MG MG "12 MG	213	ET apano PICTURE "BI" VALIDIVAL P
12.10 out   12.1	EMBON "LIC required. Append now LIC to ACTIVITY. DBF 14  FELOM FOR THE CONTROL OF	216	ERROR "Pano Status required." FUNCTIC
ERAD  F LASTKEY() = 27  F LAST	### (1.45)   1	2 2	12.10 GET MUSC. FILLING "HE WALDIVEL LICIANIC)? ; ERROR "UIC required. Assend new UIC to ACTIVITY DRE 14
	F. LASTER   - 27	221	
### FELUNN DDG CASE D	EMOIF DD CASE CASE	222	LASTKEY!) .
DO CASE CASE maic ( > '11405')  1 2,16 CLEAN TO 13,78  9 12,00 SAY "Descrient Code "SPACE(2B)  9 13,100 SAY "Lesacrient COLOR ( 9 13,100 SAY "Lesacr PICTURE "MANN" CLADA  9 12,44 GET macc PICTURE "MANN" 851	DO CASE CASE maic (> '31405' )8  1 2, 16 CLEAR TO 13,78  1 12, 10 SAY "Leave blant Code "sEPAE(28)  1 13, 20 SAY "Leave blant if Mai" CALOR R  1 12,46 GET mean PETURE 'MANN' BAI		FLURM
CASE muic () '31405' 8 12,16 CLEAR 10.13,78 8 13,10 54 'Dearteant Code "sSPACE(2B) 8 13,30 5AY 'Leave biant If NM' CR.OR R 8 13,46 6E7 stac PICTURE 'NANN' 881	CASE mic c > 11405    12.10 SAY **Department Code **SPACE(28)  13.10 SAY **Department Code **SPACE(28)  13.10 SAY **Leave blank if wal **CR.OR Rel		DO CASE
# 12.16 CLEMP TO 18.78 # 12.30 SAY "Leave blank if NA)" COLOR R # 13.30 SAY "Leave blank if NA)" COLOR R # 12.46 GET mesc PICTURE "NANN" B&1	# 12.16 CLEAN TO 18.78  # 13.30 SAY "Department Code "45PACE(28)  # 13.30 SAY "Leave blank 14 NA" CDLOR R  # 12.46 GET mac PICTURE "NANN" 661		mic O 314
# 13,30 SAY "(Leave blank If NA)" COLOR R	0 13,30 SAY "(Lauva blank of NA)" COLOR R 0 12,46 GET meac PICTURE "NANN" 851	3 2	.16 LLEAN TO 13,/B .30 SAY "Department Code "+SPACE(28)
# 12,46 GET BEAC PICTURE "MANN"	e 12, 46 GET made PICTURE MANN-	2	30 SAY "ILEAVE blank if NA) - COLOR R
		8	.46 GET BEAC PICTURE "MANN"

TO sact\_name TO sacrenym TO seoc

10. CLOR 10. 1.70  20. SAY 1975 Student' 20. SAY 2007 CLOR NY 20. SAY 2007 CLOR NY 20. SAY 2007 CLOR NY 20. SAY	9 WALIBOAL CUTT ( REUT-ALM 1) ; us hamber required."	(procedure in 185_890C.196)	. (0. J	(procedure in 1895, PROC. PRG)	-6446. <b>30</b> 	(procedure in MPS_PROC.PRG) (procedure in MPS_PROC.PRG) (procedure in MPS_PROC.PRG)	LEA COST	прият применния приводения подавления (р. госафия и мр. р. 1900. (р. госафия) подавления применения подавления подавл
	CAST SALC - "31-60"   11.30 SAT "LOS SULGENT"   11.30 SAT "LOS SULGENT"   12.40 SAT "PE"   13.40 SAT "SULGENT"   14.40 SAT SALC SALC SALC SALC SALC SALC SALC SALC	Procedura:	PROCEDURE nos. Dest **	HI Procedure: NPS. HI Called by: NPS. HI	Fig. 1 in the continuation of the continuation	Procedure: #PS.REPL  I Called by: #PS.APPE  I WPS.CDIT  I WPS.CDIT  I WPS.GBIED  I	HISTORIANA PARAMETER PROCEEDIS OF S. C.	i renumentamentamentamentamentamentamentamenta

	~
	ŏ
	•
	MPS_PROC.PRG
ï	

38		1515 ON KEV - 315  1516 ON KEV - 315  1516 HIGH CHARLES AND	1520 PRIVATE INTO DOBBE STY, AND STATE OF THE STATE OF TH	1530	1535 to therector in the translated strine 64 Perse character 1534 fold (a) TO ward_ingth 65 Perse character 6 to a hour strine 6 Perse character 6 to a hour strine 1537 will come 1885 TR (will strine, 1, 1)	1539   11-The charter is entry led as follows:   1540   12. Add value of the offset   1541   21. Add value of the offset   1542   31. MOD this new number by 255 to make sure it in a lonal   1542   41. Convert it basis into an ARCII character   1544   42. Convert it basis into an ARCII character   1544   42. Lass = 44. Lass = 4	1547  1540  1540  1540  1540  1540  1540  1540  1540  1540  1550	value.  ENDF FREE Decrystics section IF (ERFY Coss. str) STORE TO writes, writcher wert article = SUSSI (sees. str.?) word longth = LENfosse.str.?)	1559 done s.f.  1540 HDatwelma offset value of first character  1541 offset a ASC(bass_atr)  1542 HHote first character is alsoed because it is only the "offset 1543 H character" for the first character of the actual string 1544 FOM 1-2 TO word.lngth  1545 MH_Char = SUSTR(bass_atr.i.1)  1546 IF ASC(ME_Char) (a offset 1547)  1547 ME_Dass = wrl.pass + CHR(255+ASC(wrl.char) - offset-1)	1548   1549   1544   1544   1544   1544   1544   1545   155   1555   1
FUNCTION PROAMETEI ON KEY LY	HI Procedure: VAL.PAND HI Called by: NPS.AGET HI	14.24 bilanachanna	1439 BODOO	1443 mi Called by: NPS_AGET (procedure in NPS_PROC.PRG) 1444 mi Called by: NPS_AGET 1444 mi Called by: NPS_AGET 1444 million and management man	1449 PANATETA LIA 1450 PAUNATETA LIA 1450 PAUNATETA LIA 1451 Factura - MECHOLI 1452 SELECT activity	1453 #EK ulctd 1454   Foundoi) 1454   Foundoi) 1455   Foundoi) 1456   Foundoi) 1457   Foundoi 14	1462 DO MILLE NOT FOLNO (1) 1463 Approach (* * * * * * * * * * * * * * * * * * *	350055	1479 II LAGARHAGARARARARARARARARARARARARARARARARA	1480 France Est Currous   1480 France Est Currous   1480 France   1480 France   1490 France   1490 France   1491
Character   Char	a i Proc colar e, 1875, BARP	1320	***************************************	1355 at . Procedure; MFS_CREP.  1354 at	isso minimum mes, ce el 1343 le non-transmisso de la configuración	1345				1401 =: Procedure: VAL_BRAM 1401 =: Procedure: VAL_BRAM 1402 =: Called by, MFS_AGET (procedure in NFS_PROC.PRG) 1404 =:

```
the Start printing when as
                                                                                        understanding and an expective the Printer safety checklist
                                                                        (procedure in 1875_MICC.PRG)
                                                      Gerocadura in NPS_MECA.PRG)
(procedura in NPS_MEPO.PRG)
                                                                                                                                                                                                                                        (procedure in NPS_RECA.PRG)
(procedure in NPS_REPO.PRG)
                                                                                                                                                                                                                                                                                                                                                                 (procedure in MPS_NECA.PRG)
(procedure in MPS_NECA.PRG)
(procedure in NPS_NEPO.PRG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (procedure in NPS_NECA.PNG)
(procedure in NPS_NEPO.PNG)
                                                                                                                                                                                                                                                                                                                                                                                                                            27 CM(2)
WAIT "Printer problem. Check the printer." MIMON INSOUT 1
                                                                                                                                   WAIT "Print Job aborted." WINDOW TITEOUT 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Called by: MPS_RECA.PMG
: REC_LISTS
: RECPAN
: PRACET
                                                                                                                                                                                                         Called by: MPS_RECA.PRG
: RECPRN
: PRAGET
                                             Called by: NPS_RECA.PRG
| REC_LISTS
| PREPT
                                                                                                                                                                            DO Settey WITH Choice, "TW"
bristat + Choice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Called by: GORECALLS : PRESET
                                                                                                                                                                                                                                                                                                                                                                                           Procedure, Phistor
                                                                         Calls: SETKEY
                                                                                                                                                                                                                                                                                                                                             Procedure: Phenos
                                 Procedure: PRICHE
                                                                                                                                                  Procedure: SETPRN
1619 UAIT
1620 DOUF
1622 HERMAN
1623 HERMAN
1623 HERMAN
1624 HERMAN
1624 HERMAN
1627 HERMAN
1627 HERMAN
1629 HERMAN
1630 HERMAN
```

## INITIAL DISTRIBUTION LIST

	No. Copies
Defense Technical Information Center Cameron Station Alexandria, Virginia 22304-6145	2
<ol> <li>Library, Code 52</li> <li>Naval Postgraduate School</li> <li>Monterey, California 93943-5002</li> </ol>	2
3. LCDR Timothy P. Steele, MSC, USN 12339 Coleraine Court Reston, Virginia 22091	2
4. Prof. Hemant K. Bhargava, Code AS/BH Department of Administrative Sciences Naval Postgraduate School Monterey, California 93943-5000	
<ol> <li>Prof. Dani Zweig, Code AS/ZG         Department of Administrative Sciences         Naval Postgraduate School         Monterey, California 93943-5000     </li> </ol>	1
6. Director, Branch Dental Clinic Naval Postgraduate School Monterey, California 93943-5100	1
7. Prof. Tung X. Bui Code AS/BD Department of Administrative Sciences Naval Postgraduate School Monterey, California, 93943-5000	1