

APPENDIX A
THE PLMS READ.ME FILE and DISTRIBUTION DISKETTES

1. The READ.ME file contains some important information that all users of PLMS will find helpful.
2. You can use any DOS or Windows based text editor or word processor to read the "READ.ME" file. To read the file using the DOS Editor:
 - a. At the DOS prompt, type "**edit READ.ME**".
 - b. Press "**enter**".
 - c. The DOS Editor screen should appear with the text contained within the READ.ME. To **scroll** through the text you can use either the **up**, **down**, **left**, or **right** arrow keys or you can use the **Page-Up** and **Page-Down** keys.
 - d. To print the file hold down the **Alt** key and press the "**F**" key. Within the Editor's pop-down menu window, you will be presented with those and other options.
3. To read the file using Windows Note Pad do the following:
 - a. **Double-Click** on the "**Accessories**" icon.
 - b. **Double-Click** on the "**NotePad**" icon.
 - c. Within the Notepad Pop-down window, click on "**File**."
 - d. Within the File Pop-down Menu, click on "**open**."
 - e. Within the Pop-Down "**Open**" Control Box, use the cursor arrow/pointer to click on the "**List Files of Type:**" located at the bottom left hand corner. Then click on the "**down-arrow**" located just to the right of the box. Then click on "**All Files (*.*)**". The words "All Files (*.*)" should appear in the "List Files of Type:" box. This indicates that windows will display all files in the files window.
 - f. Within the Pop-Down "**Open**" Control Box, use the cursor arrow/pointer to click on the "**C:**" next to the small "folder" icon in the right hand interior box located under "directories".
 - g. Using the cursor arrow/pointer **click on** and **drag** down the "**small square box**" inside the "**scroll bar**" of the directories control box. You should see the list of your primary directories scroll upwards as you pull/drag the small square box downward.

h. Drag the box downward until the "**PUBS**" directory appears. **Double-Click** on the "**PUBS**" directory. The files in the PUBS directory should appear in the left hand interior box. If all previous steps were completed successfully, the "**Read.Me**" file should appear.

i. Click on "**READ.ME**" then click on "**OK**".

j. The text of the "**READ.ME**" file should appear in the "**Notepad**" window. For easier reading, click on the small upward pointing arrow in the upper right hand corner of the "**Notepad**" window. This should cause the "READ.ME" file to fill the screen as the "Notepad" window expands. To print the text, click on "**File**" and then click on "**Print**" in the pop-down menu.

4. The PLMS READ.ME File:

a. Appended/added special or helpful explanatory notes and comments have been embedded in *Subscript Bold Italic* text. These notes do NOT appear in the actual READ.ME file. They have been added here to provided additional information. It is important to note that PLMS is a DOS based application, and the READ.ME file instructions are DOS based. These instructions presume the user knows how to execute rudimentary commands from the DOS prompt.

*From this point on, all text in normal type face is representative of that in the READ.ME file, while all/any added comments or text will appear in *Subscript*.*

..... *The first line of the file*

Note that the first line tells you how to exit/escape from PLMS.

*** TO EXIT THIS SYSTEM AT ANY TIME, PRESS ALT/F AND THEN X ***

This paragraph identifies PLMS and its Sponsor.

NOTE: The Publications Library Management System (PLMS) is officially sponsored by HQMC (Code ARD) as of 17 August 1995.

POC is HQMC, ARD
DSN: 224-1712/13
Comm: (703) 614-1712/13
Email: GISD0Z@ARD@HQMC

Now a line authorizing reproduction and distribution.

These are Marine Corps written programs. Please feel free to pass them to any Marine Corps unit in your jurisdiction.

Publications Library Management System (PLMS), Users Manual

Note the instruction concerning reporting of data errors. Use the NAVMC 10772 ONLY to reports errors in DATA, not the PLMS. Data errors to be reported are those contained in the SL1-2/1-3 NOT PLMS. PLMS is just an electronic copy of the SL1-2/1-3, so if data errors are present then they may also exist within the SL 1-2/1-3. Report problems with PLMS to HQMC ARDF (703) 614-1712/1713 ext #140, or DSN 224-1712/1713 ext #140.

Corrections to the data listed must be sent using a NAVMC 10772 to MCLB Albany through regular methods.

Now a information statement addressing problems customers have reported having with PLMS. Similar problems have occurred in units where several non-standard TSR's are being loaded during power-up and/or boot-up. If this is a problem in your unit, see the section on "Removing Virus Protection and TSR's" at the end of the PLMS instructions.

Several people have called indicating a problem with the screen locking up at various stages. The exact cause has not been determined, but it appears to be related to having VSHIELD (a memory virus scanner) resident. This program detects reading and writing to the disk and treats it as a virus attack and locks the CPU to protect your hard disk. If you are experiencing this symptom, try running the program without VSHIELD to see if it corrects the problem.

The next line tells you the currency of the data, in this instance the data contained within PLMS is predicated upon the SL 1-2/1-3 of 1 Oct 1995.

SL 1-2/1-3 data is current from 1 October 1995 Microfiche.

The next line tells you there is another self-extracting compressed file included. This is the file that will perform the second phase of the installation.

A SINGLE ATTACHED, SELF-EXTRACTING FILE, PLMSFILE.EXE IS SUPPLIED.

The next line identifies the file, its size and date and time created.

PLMSFILE.EXE 1342947 10-01-95 12:38a

The next line, albeit cryptic, is the instruction on how to execute the self-extracting file. This instruction applies to execution from the DOS prompt. These instructions presume the user knows how to execute the command from the DOS prompt.

The instructions provided following the READ.ME file, are for execution under Windows 3.1.

SAVE FILE TO YOUR HARD DISK. TYPE IN THE NAME TO EXTRACT THE FOLLOWING FILES:

The name to be typed is the file name "PLMSFILE.EXE" this must be done at the DOS prompt, within the PUBS directory. This instruction applies to execution from the DOS prompt. The READ.ME file's instructions presume the user knows how to execute simple commands from the DOS prompt. The instructions provided following the READ.ME file, are for execution under Windows 3.1.

SL13A	EXE	338,477	10-13-95	1:09p
PUBS	BAT	12	05-20-91	6:40p
SL12P2I	EXE	72,213	10-13-95	1:08p

```

INSTALLA BAT    2,106    10-02-91  2:50a
IDPCN  EXE    130,143    10-13-95  1:09a
INSTALLS BAT    2,199    10-02-91  2:51a
INSTALLX BAT    2,586    10-02-91  2:50a
SL12P2  EXE    202,797    10-13-95  1:08p
PLMSFILE EXE  1,341,947    10-13-95  1:10p
IDPCN2  EXE    118,725    10-13-95  1:09p
SL13AI  EXE    117,556    10-13-95  1:08p
MAIN    EXE    191,242    10-13-95  1:08p
DISKSIZE EXE    3,968    05-20-91  6:39p
INSTALL BAT    2,478    07-11-93  1:43p
IDXREF  EXE    177,053    10-13-95  1:08p
    
```

The above list of files is provided for use as a check list to ensure you received a complete copy of the current PLMSZIP.EXE file. The information provided includes the File name, file extension, size in bytes, and the date & time produced. If for any reason your copy of PLMS fails to function correctly, then you can compare the list of programs provided in the READ.ME file to those actually created during extraction and determine if you received a corrupt copy. If you did receive a corrupt copy, perform the download again, then if you receive a second corrupt copy please report that fact to the sponsor.

The following instructions tell you how to make installation diskettes for distributing PLMS. These instructions are provided based upon the most common diskettes. The files must be copied to each diskette in the manner described. These instructions presume the user knows how to execute the DOS copy command from the DOS prompt. The instructions following the READ.ME file, explain how to copy the files to the diskettes using "File Manager" within Windows 3.1, and Drag & Drop in Windows 95.

To make installation disks, copy the attached files as shown below:

For 5 1/4 inch (360k) :

```

disk 1  install.bat
        disksize.exe      Label the Disk 1 - 6, pay
        pubs.bat          particular attention to the
        main.exe          file names. Be sure to copy
                        to each diskette only those
                        files indicated for that
disk 2  install.bat      particular disk.
        idxref.exe
disk 3  install.bat
        sl12p2.exe
disk 4  install.bat
        sl13ai.exe
        sl12p2i.exe
disk 5  install.bat
        sl13a.exe
    
```

Publications Library Management System (PLMS), Users Manual

disk 6 install.bat
idpcn.exe
idpcn2.exe

For 3 1/2 inch (720k):

disk 1 installs.bat as install.bat
disksize.exe
pubs.bat
main.exe
idxref.exe
sl12p2i.exe

Label these disks 1 - 3

*pay particular attention
to the file names.*

*Note that in this case
you are copying installg
as install.bat without*

the trailing g.

disk 2 installs.bat as install.bat
sl12p2.exe
idpcn2.exe
sl13ai.exe

disk 3 installs.bat as install.bat
sl13a.exe
idpcn.exe

For 3 1/2 or 5 1/4 (HD):

disk 1 installa.bat as install.bat
disksize.exe
pubs.bat
main.exe
idxref.exe
idpcn.exe
sl12p2.exe

Label these disks 1 & 2.

*Again pay particular
attention to the file
names. Here you are to
copy Installg.bat as
Install.bat without the
trailing g.*

disk 2 installa.bat as install.bat
idpcn2.exe
sl13a.exe
sl13ai.exe
sl12p2i.exe

The following instructions tell you how to install PLMS directly on your hard disk without producing the installation diskettes. The only time it is absolutely necessary to produce the installation/distribution diskettes is when you need to load PLMS to a PC other than the one you downloaded it to. The files are executable files. To properly load PLMS directly to your hard disk you must type the commands (files) precisely as indicated and in the sequence provided, no deviations or PLMS may not function properly. These instructions presume the user knows how to execute commands at the DOS prompt. The instructions following the READ.ME file, will explain how to execute the files/commands using "File Manager" within Windows 3.1.

If copying and installing directly to a hard disk:

Publications Library Management System (PLMS), Users Manual

In the PUBS directory on your hard disk, type in PLMSFILE to unarchive PLMSFILE.EXE. Next, type exactly as shown the files shown below (including the -o which will automatically override any existing file with the same name):

```
MAIN -o <enter>
IDXREF -o <enter>
IDPCN -o <enter>
IDPCN2 -o <enter>
SL12P2 -o <enter>
SL12P2I -o <enter>
SL13A -o <enter>
SL13AI -o <enter>
```

*The DOS command would appear as:
"C:\PUBS> MAIN -o" and so on.*

The above instructions do not include one step that does occur automatically with the install diskettes. When installing from the diskettes you receive a message that a file named "PUBS.BAT" has been copied into your root directory. When you install directly to your hard disk using the procedure above, you should also copy PUBS.BAT into the root directory. This enables PLMS to be started at the DOS prompt from the root directory. Otherwise you'll have to change directory to the directory PUBS each time you want to run PLMS. Also, it helps avoid run time errors if you add C:\PUBS to the end of your path statement in your AUTOEXEC.BAT file.

After starting up the program and verifying that it runs correctly, you can delete all 9 of these .exe files. The only .exe file required to run the program is PUBS.EXE.

The above instructions do not include the PLMS startup command. Again, this is because these instructions are written under the presumption the user possesses at least rudimentary understanding of his/her PC and how to operate it. For those of us who may need a bit of a reminder: The file copied into the root directory was "PUBS.BAT," thus the startup and run command is simply "PUBS." At the DOS prompt (from the root if you copied "PUBS.BAT" into the root, or the PUBS directory if you didn't) type the word PUBS followed by a blank space and then the working drives drive letter followed by a colon (i.e., "PUBS C:") and then press enter.

When installing on a LAN server, be sure that SETATTR +S *.* is run on the \PUBS directory to allow multiple user access.

The above instructions imply installation on a LAN is almost as simple and straight forward as on your local hard disk. Its not, there are other things the LAN administrator must do prior to loading and after loading. Those things all apply to print control, access authorization, and other LAN administration type things. The LAN administration process is to long and complex (not to mention that few of the LAN'S in use are identically configured) for us to provide detailed LAN setup instructions within this appendix.

For assistance with LAN installation and setup, contact your local TASO, ISA, or ISMO.

*** TO EXIT THIS SYSTEM AT ANY TIME, PRESS ALT/F AND THEN X ***

The above is the last line of the READ.ME file.

APPENDIX B
THE PLMS FILES

1. The PLMS is comprised of several files. Many of which are compressed files only required for downloading through SLS via Banyan Mail. Others are required for distributing PLMS, while others are necessary for its installation. Then there are those necessary for its function. The following is a list of these files in the sequence in which they will be inflated, extracted, or otherwise encountered. The list reflects the file's name, its size expressed in bytes, a description, and a Yes or No as to whether the file is required to be retained after installation. A No in this area indicates the file may be deleted after installation is completed.

<u>File Name</u>	<u>Size bytes</u>	<u>Description or purpose</u>	<u>Required for function</u>
PLMSZIP.EXE	1.3 meg	Compressed file. Downloaded via Banyan Mail and SLS. Self extracting at execution. Inflates: READ .ME OPEN .BAT PLMSFILE.EXE	No
READ.ME	4K	DOS/ASCII Text file. Inflated during extraction of PLMSZIP.EXE. Provides instructions and guidance for installation of PLMS and creation of distribution diskettes.	No
OPEN. BAT	270	DOS Batch file. Inflated during extraction of the PLMSZIP.EXE. Provided for fast installation of PLMS on the local hard drive.	No
PLMSFILE.EXE	1.2 meg	Compressed file. Inflated during extraction of PLMSZIP.EXE. Self extracting at execution. Inflates: PUBS.BAT INSTALLA.BAT INSTALLS.BAT INSTALLX.BAT INSTALL.BAT SL13A.EXE SL12P2I.EXE IDPCN.EXE SL12P2.EXE IDPCN2.EXE SL13AI.EXE MAIN.EXE DISKSIZE.EXE IDXREF.EXE	No

APPENDIX B
THE PLMS FILES

<u>File Name</u>	<u>Size bytes</u>	<u>Description or purpose</u>	<u>Required for function</u>
PUBS.BAT	12	DOS Batch File. Inflated during extraction of PLMSFILE.EXE Provided as the PLMS execution file.	Yes
INSTALLA.BAT	2.1K	DOS Batch File. Inflated during extraction of PLMSFILE.EXE Provided for use in Installation of PLMS from 3½ inch or 5¼ inch High Density distribution diskettes. Not required after installation.	No
INSTALLS.BAT	2.2K	DOS Batch File. Inflated during extraction of PLMSFILE.EXE Provided for use in Installation of PLMS from 3½ inch 720K Double Density distribution diskettes. Not required after installation.	No
INSTALLX.BAT	2.5K	DOS Batch File. Inflated during extraction of PLMSFILE.EXE Provided for use in Installation of PLMS from 5¼ inch 360K Double Density distribution diskettes. Not required after installation.	No
INSTALL.BAT	2.4K	DOS Batch File. Inflated during extraction of PLMSFILE.EXE Provided for use in Installation of PLMS from 5¼ inch 360K Double Density distribution diskettes. Not required after installation.	No
SL13A.EXE	326K	Compressed file. Inflated during extraction of PLMSFILE.EXE. Self extracting at execution. Inflates: SL1_3A.DAT at approximately 1.2 mega bytes.	No
SL12P2I.EXE	70K	Compressed file. Inflated during extraction of PLMSFILE.EXE. Self extracting at execution. Inflates: SL1_2P2T.IDX at approximately 400K.	No
IDPCN.EXE	128K	Compressed file. Inflated during extraction of PLMSFILE.EXE. Self extracting at execution. Inflates: ID_PCN.DAT at approximately 200K. ID_PCN.IDX at approximately 500K.	No

APPENDIX B
THE PLMS FILES

<u>File Name</u>	<u>Size bytes</u>	<u>Description or purpose</u>	<u>Required for function</u>
SL12P2.EXE	198K	Compressed file. Inflated during extraction of PLMSFILE.EXE. Self extracting at execution. Inflates: SL1_2P2.DAT at approximately 740K.	No
IDPCN2.EXE	118K	Compressed file. Inflated during extraction of PLMSFILE.EXE. Self extracting at execution. Inflates: PCN_ID.IDX at approximately 440K.	No
SL13AI.EXE	114K	Compressed file. Inflated during extraction of PLMSFILE.EXE. Self extracting at execution. Inflates: SL1_3AT.IDX at approximately 700K.	No
MAIN.EXE	193K	Compressed file. Inflated during extraction of PLMSFILE.EXE. Self extracting at execution. Inflates: PUBS.EXE at approximately 142K. PUBS.OVR at approximately 131K. PUBSUOM.TXT at approximately 60K. PUBSUOM.WPF at approximately 60K. PRTR_PAS.DAT at approximately 1.7K. PCNGROUP.DAT at approximately 7K. SPONSOR.DAT at approximately 2.7K. IDCHANGE.DAT at approximately 16K. PCNCHANG.DAT at approximately 85K. DATE.DAT at approximately 2 bytes. TAM_REF.IDX at approximately 58K.	No
DISKSIZE.EXE	3.9K	Executable file. Inflated during extraction of PLMSFILE.EXE. This file is used to detect the available hard drive space. If space available is less than 6.5 megabytes then an error will be returned and installation will stop.	No
IDXREF.EXE	175K	Compressed file. Inflated during extraction of PLMSFILE.EXE. Self extracting at execution. Inflates: IDX_REF.IDX at approximately 265K. IDX_REF.DAT at approximately 470K.	No
SL1_3A.DAT	1.2meg	Data file. Containing information extracted from the SL 1-3	Yes

APPENDIX B
THE PLMS FILES

<u>File Name</u>	<u>Size bytes</u>	<u>Description or purpose</u>	<u>Required for function</u>
SL1_2P2T.IDX	400K	Index file. Containing sequential information for the SL1-2 data	Yes
ID_PCN.DAT	200K	Data file. Containing cross reference information over SL1-2 pertaining to Equipment ID numbers and the PCNs applicable to the equipment as listed on the SL 1-2.	Yes
ID_PCN.IDX	500K	Index file. Containing sequential information for the SL 1-2 data.	Yes
SL1_2P2.DAT	200K	Data file. Containing information extracted from the SL 1-2 pertaining to PCNs as listed on the SL 1-2.	Yes
PCN_ID.IDX	500K	Index file. Containing sequential information for the SL1-2 data pertaining to PCNs as listed on the SL 1-2.	Yes
SL1_3AT.IDX	700K	Index file. Containing sequential information for the SL 1-3 data pertaining to PCNs as listed on the SL 1-3.	Yes
PUBS.EXE	142K	Executable file. This is the only executable file required to be retained after installation. This is the PLMS executable file.	Yes
PUBS.OVR	131K	Overlay file. This file works with the PUBS.EXE file. This file is required after installation. The PLMS executable will not function without this file.	Yes
PUBSUOM.TXT	60K	This is an abridged User's Manual that is included with every PLMSFILE.EXE. This file is written in standard DOS/ASCII format and can be read and printed by any standard word processor or DOS text Editor.	No
PUBSUOM.WPF	60K	This is an abridged User's Manual that is included with every PLMSFILE.EXE. This file is written in ENABLE 2.0 format and can be read and printed by ENABLE or any standard word processor that can convert ENABLE such as Amipro 3.X.	No

APPENDIX B
THE PLMS FILES

<u>File Name</u>	<u>Size bytes</u>	<u>Description or purpose</u>	<u>Required for function</u>
PRTR_PAS.DAT	1.7K	Data file. Containing format and printer control for a variety of printers. Used extensively for reports.	Yes
PCNGROUP.DAT	7K	Data file. Containing information extracted from the SL 1-3 pertaining to PCNs and their Title as listed on the SL 1-3.	Yes
SPONSOR.DAT	2.7K	Data file. Containing information extracted from the SL 1-3 pertaining to PCNs and their HQMC Sponsor Codes as listed on the SL 1-3.	Yes
IDCHANGE.DAT	2.7K	Data file. Containing information extracted from the SL 1-2 pertaining to PCNs and the equipment they are applicable to, by the equipment's assigned ID number, as listed on the SL 1-2. The information listed in this file is limited to changes where the equipment has had an ID number change (due to modification or upgrade) or the PCN has migrated to include other equipment or the publication has been changed to include other equipment.	Yes
PCNCHANG.DAT	2.7K	Data file. Containing information extracted from the SL 1-3 pertaining to PCNs. The information listed in this file is limited to changes, where the publication itself has had a PCN number change due to correction, modification, or revision.	Yes
DATE.DAT	2 bytes	Data file. Containing today's Julian date.	Yes
TAM_REF.IDX	58K	Index file. Containing sequential information for the SL 1-2. Pertaining to the equipment's Table of Authorized Materiel (TAM) numbers cross referenced to their respective Identification Numbers (ID).	Yes
IDX_REF.IDX	265K	Index file. Containing sequential information for the SL 1-2 & 1-3 data.	Yes
IDX_REF.DAT	470K	Data file. Containing cross reference information for the SL 1-2 & 1-3 data.	Yes

APPENDIX B
THE PLMS FILES

2. The PLMS files listed under paragraph 1 preceding are those files written to the hard drive and/or distribution diskettes during download, extraction, and installation. The following files are those written to the Unit and Section library diskettes during the PLMS process.

<u>File Name</u>	<u>Size bytes</u>	<u>Description or purpose</u>	<u>Required for function</u>
PLIDLOC.DAT	1.2K	Data file. Containing descriptive information for the Unit library. This file is written to the Unit Library Diskette.	Yes
PL_LIB.DAT	Var	Data file. Containing PCN, Location, and other information relative to maintenance of the Unit library. This file is written to the Unit Library Diskette.	Yes
PL_LIB.IDX	Var	Index file contains sequential data and other information relative to maintenance of the Unit library. This file is written to the Unit Library Diskette.	Yes
BASEREC.DAT	44bytes	Data file. Containing section descriptive information for the Section library Diskette.	Yes
SECT_LIB.DAT	Var	Data file. Containing PCN, Location, and other information relative to maintenance of the Section library. This file is written to the Section Library Diskette.	Yes
SECT_LIB.IDX	Var	Index file contains sequential data and other information relative to maintenance of the Section library. This file written to the Section Library Diskette.	Yes
LOCATION.IDX	Var	Index file contains sequential data and other information relative to maintenance of the Section IDL. This file is written to the Section Library Diskette.	Yes
IDXREF.LIB	Var	Data file. Containing ID to PCN cross reference data relative to maintenance of the Section library. This file is written to the Section Library Diskette.	Yes

APPENDIX B
THE PLMS FILES

<u>File Name</u>	<u>Size bytes</u>	<u>Description or purpose</u>	<u>Required for function</u>
LOCATE.LIB	Var	Data file. Containing Section Location data relative to maintenance of the Section library. This file is written to the Section Library Diskette.	Yes
NEAREF.LIB	Var	Data file. Containing data for Non-Equipment related publications that the DCP has flagged on the section IDL as required to have. This file is written to the Section Library Diskette.	Yes
PCNREF.LIB	Var	Data file. Containing PCN to ID information relative to publications that the DCP has flagged on the section IDL as required to have. This file is written to the Section Library Diskette.	Yes

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APPENDIX C
ERROR MESSAGES

1. Types of Errors. There are three types of errors that can be generated from within PLMS. Data errors caused or generated from data input to PLMS, Turbo access errors (i.e., internal system errors other than DOS), and operating system errors (i.e., DOS or Windows errors).

2. Data Errors. The PLMS is written in Turbo PASCAL, a 4th generation high-level structured programming and application development language. This enabled the author to predict some errors predicated upon predictable data entry errors, system response time-outs, system generated error return codes, and other predictable levels of cause and effect. For these errors there are established actions that can be taken by the user without need of assistance from their supporting TASO, ISA, ISC, or ISMO. However, like any system interdependent upon input from the unpredictable human being, not all possible errors can be foreseen thus appropriate user action cannot be determined until such time as the error occurs.

<u>Error Message</u>	<u>User Action</u>
Cannot order, PCN not found on SL 1-3	Verify PCN is correct. If it is good, submit NAVMC 10772 for the PCN to be added on the next SL1-2/1-3 update.
No IDs exist for this PCN	Verify PCN is correct. If it is good, submit NAVMC 10772 for the PCN to be added on the next SL1-2/1-3 update.
No PCN found for this ID Number	Verify ID is correct. If it is good, submit NAVMC 10772 for the ID's PCNs to be added to the next SL1-2/1-3 update.
Beginning of PCNs for this ID Number	Stop pressing the BackWard "Hot-Key" (i.e., stop pressing F9). The beginning of the list has been reached.
End of PCNs for this ID Number	Stop pressing the Forward "Hot-Key" (i.e., stop pressing F10). The end of the list has been reached.
Document number not found, no update made	Verify document number entered was correct. If it was this indicates the requisition has either not been properly recorded in PLMS, or the transaction was previously completed or deleted.

APPENDIX C
ERROR MESSAGES

Error	User	Action
<u>Message</u>	<u>Action</u>	<u>Action</u>
Unit location not found, verify PL address		Verify PC is properly identified on Section diskette. Use option #5 of the main menu to verify DCP Location.
Doc Num with PCN on update but not ordered		A Document Number has been entered manually at the unit, but no record exist on the uploaded SUPPLY file. Research printed copies of orders and previous reconciliation sheets. Verify the Document Number is correct for the PCN. If it is then the error is in the uploaded Supply File and must be corrected within Supply. If it is not, then the error was with the manually entered document and that must be deleted and re-entered correctly.
Update file not found on diskette in A: drive		The diskette in drive A does not contain the file to reconcile. Ensure correct disk is in the drive.
REQUESTED ID ##### not found		Verify ID number entered is correct. If it is then the ID number is not listed on the SL 1-2. If it should be then submit NAVMC 10772 requesting correction to SL1-2.
MAJOR PCN SERIES ### not found		Verify the PCN prefix entered is correct. If it is then the PCN is not listed on the SL 1-2 or 1-3. If it should be then submit NAVMC 10772 requesting correction to SL 1-2 & 1-3.
Pending order file not found		The SMU courier diskette cannot be created because there are no publications on file to be ordered.
Document not on file		Verify the PCN and/or document number entered is/are correct. The user is requesting an update on a PCN for which there is no record of it being ordered.

APPENDIX C
ERROR MESSAGES

<u>Error Message</u>	<u>User</u>	<u>Action</u>
Cancellation request already submitted.		Verify the PCN and/or document number entered is/are correct. The user is requesting cancellation of a Document that has already been canceled
Publication already in shipped status		Shipping status received. Status updates, cancellations, or other action can no longer be requested. If not received within 45 days and still required, reorder.

3. Turbo Pascal access errors. Turbo Pascal access errors can be generated by a variety of causes, and most will indicate there is a problem with the PLMS files. User correction is almost always limited to providing Turbo Pascal access to the correct files or diskettes, rebooting the system, or reloading the PLMS software if the problem persist. If one of these errors occurs, you should be presented with a message to the effect "See TACCESS.ERR". What this means is a file was generated by the system named TACCESS.ERR, this file contains a description of the error. You can view this file by typing "TYPE TACCESS.ERR" at the DOS prompt, and then pressing enter. If TACCESS.ERR identifies a bad or missing file, attempt to reinstall the file from the original diskettes. If the error still exists, contact your local ISA, ISC, or ISMO for assistance.

<u>Turbo Access Error Code & Message</u>	<u>Description and User Action</u>
2 FILE NOT FOUND	Verify file name, disk, path, etc.
3 PATH NOT FOUND	Verify file name, disk, path, etc.
4 TOO MANY OPEN FILES	Close files.
5 FILE ACCESS DENIED	Remove file's attributes.
15 INVALID DRIVE	Drive incorrectly set, perform PC setup.
100 DISK READ ERROR	Verify diskette's format
101 DISK WRITE ERROR	Remove write protection
102 FILE NOT ASSIGNED	Verify file name and path
103 FILE NOT OPEN	Verify file name, path, and remove attributes

APPENDIX C
ERROR MESSAGES

<u>Turbo Access Error Code & Message</u>	<u>Description and User Action</u>
104 FILE NOT OPEN FOR INPUT	Remove attributes
105 FILE NOT OPEN FOR OUTPUT	Remove attributes
106 INVALID NUMERIC FORMAT	Verify input
150 DISK IS WRITE PROTECTED	Remove write protection
201 RANGE CHECK ERROR	Program has allowed a number that is out of range (e.g., 11 when 10 is allowed). Re-boot system, re-build file, re-load PLMS.
202 STACK OVERFLOW	Program has executed multiple recursive calls without sufficient memory available for return.
203 HEAP COLLISION	Insufficient memory available for files load. Remove TSRs, other applications, ramdisks, and re-boot the PC. If problem persist, ensure no TSRs are loading at startup, increase the Files buffers settings in the CONFIG.SYS and re-boot the PC. If problem persist contact your supporting ISA, ISC, or ISMO for assistance.
1000 RECORD SIZE TOO LARGE	Program has built a record that contains to many characters, is out of range (e.g., 11 when 10 is allowed), or the files contains to many records for another to be added. Re-boot system, re-build file, re-load PLMS, and increase available disk space.
1001 RECORD SIZE TOO SMALL	Program has encountered a record that contains to few characters (i.e., Sum of Hex values greater than characters written to record). Re-boot, re-build file, re-load PLMS.

APPENDIX C
ERROR MESSAGES

<u>Turbo Access Error Code & Message</u>	<u>Description and User Action</u>
1002 KEY LENGTH GREATER THAN MAX KEY LENGTH	Address available for entry exceeded by input. Re-boot, re-build file, re-load PLMS.
1003 DATA FILE CREATED WITH DIFFERENT RECORD LENGTH	Same as 1002 above.
1004 INDEX FILE CREATED WITH DIFFERENT KEY OR PAGE SIZE	Same as 1002 above.
1005 NOT ENOUGH MEMORY FOR PAGE STACK	Remove TSRs from AUTOEXEC.BAT and CONFIG.SYS files and re-boot.

Special Note: In most cases, deleting the .IDX files from your unit and section library diskettes may solve the problem. These IDX files will be rebuilt automatically with the next PLMS startup. This reconstruction of the IDX normally allows Turbo Pascal to increase the index range (it will do this automatically) while preventing attempted access of records that are out of range.

4. DOS or Windows Operating System Errors. The PLMS is subject to, and can cause, various operating system errors. These errors are normally presented on screen and can be result of any number of problems and may have numerous solutions, any one of which may allow PLMS to function properly. When DOS or Windows level errors are received during PLMS operations, the user needs to read the error message carefully (write it down), refer to their PC and systems operation manuals and effect whatever corrective actions necessary to allow PLMS to function. If the problem persist, contact your local supporting TASO, ISA, ISC, or ISMO for assistance.

5. Insufficient memory errors. This type of an error can manifest itself as a **Divide Overflow** in DOS, **General Protection Fault** in Windows 3.x, **This Application has attempted to execute an illegal command** in Windows95, or any number of other ambiguous error messages. These type error messages fail to explain what's wrong but all to often leave the user little recourse but to re-boot the system and try again. These types of errors are usually caused when the Operating System has allowed the application to exceed its allocated block of Random Access Memory (RAM). The less amount of RAM available the more often the error will occur. Many users are really stumped by these errors because the system may be setup with 8 meg of RAM or even more. What is the cause? Normally its a Terminate and Stay Resident (TSR) program lurking in the background consuming lots of lower DOS memory where PLMS wants to run. How do you resolve this problem?

a. Review your AUTOEXEC.BAT and CONFIG.SYS files and "REM" - OUT any software TSRs such as virus protection software (e.g., VSHIELD).

APPENDIX C
ERROR MESSAGES

b. Windows users check the "START" ICON to ensure there are no TSRs loading with windows during system boot-up.

c. Re-boot the computer. While system is rebooting read the screen (Windows95 users press the ESC key to view load during system restart), watching for hardware TSR loads such as CD-ROM readers, sound cards, video cards, joy stick controllers, scanners, or other peripheral drivers loading into lower DOS memory. If such are resident, try loading these drivers "High" (e.g., on the CONFIG.SYS command line change the "DEVICE=" command to read "DEVICEHIGH=").

e. Users of DOS version 6.X and higher, run MEMAKER from the DOS prompt per the instructions in the DOS manual.

f. If you continue to suffer memory errors contact your local TASO, ISA, ISC, or ISMO for assistance.

APPENDIX D
GLOSSARY

Acronyms

ACID	ACcessor's IDentification: Normally a six to eight character alpha & numeric code assigned to a system user for the purpose of granting, restricting, and controlling that users access to the system.
ADPE	Automated Data Processing Equipment
AIS	Automated Information System
ANSI	American National Standards Institute
AR	Administration and Resource Management Division, Headquarters Marine Corps
ARD	Printing Management and Logistics Branch Administration and Resource Management Division Headquarters Marine Corps
ARDE	Printing and Publications Management Section Printing Management and Logistics Branch Administration and Resource Management Division Headquarters Marine Corps
ARDF	Logistics Systems Management Section Printing Management and Logistics Branch Administration and Resource Management Division Headquarters Marine Corps
ASCII	American Standard Code For Information Interchange
AT	Advanced Technology. Relates to a line of personal computers developed for the small business and home markets by IBM in 1984. The AT became an industry DeFacto standard for 16 bit processor based personal computers. Based upon the INTEL 80286 microprocessor the AT was innovative for its data bus that made it 75% faster than the previous generation PC the XT.
DBMS	Data Base Management System
DirAR	Director of Administration and Resource Management Division

APPENDIX D
GLOSSARY

Acronyms

DoD	Department of Defense
DOS	Disk Operating System. PC operating system developed by MicroSoft®. Commonly referred to as DOS® or MS-DOS®, both of which are registered trademarks of MicroSoft Corporation.
FMF	Fleet Marine Force, or Fleet Marine Forces
FSMAO	Field Supply and Maintenance Analysis Office
FY	Fiscal Year, normally followed by the year (i.e., fiscal year 1996 = FY96)
HTML	HyperText Markup Language
HQMC	Headquarters Marine Corps
ID	Item Designator
IDN	Item Designator Number
IDL	Internal Distribution List
IMS	Information Management System
ISA	Information Systems Administrator
ISC	Information Systems Coordinator
ISMO	Information Systems Management Office
LAN	Local Area Network
MCDN	Marine Corps Data Network
MCPDS	Marine Corps Publications Distribution System
PC	Personal Computer
PCN	Publication Control Number

APPENDIX D
GLOSSARY

Acronyms

PCX	File extension, used for graphics images
PL	Publications Listing
PLMS	Publications Library Management System
PS5	Processing System, Fifth Generation (Pentium PC)
SGML	Standard Generalized Markup Language
TAM	Table of Authorized Materiel
TAMCN	Table of Authorized Materiel, Control Number
TASO	Terminal Area Security Officer
USMC	United States Marine Corps
UNIX	Uniprogrammed version of Multics, alternative PC operating system developed by AT&T Bell Laboratories, in 1971.
User-ID	Same as ACID
WAN	Wide Area Network
XT	Extended Technology Computer. Introduced by IBM during 1983, the PC-XT personal computer was based upon the Intel 8088 microprocessor with the first 16 bit data bus ever incorporated into a desktop PC. The original XT models were also significant as they were the first machines wherein the bus couplings were direct allowing for performance standards to be based solely upon clock speeds. The first XT PCs offered clock speeds of 4.77 megahertz - at that time the first desktop PC to measure performance as processing speed in the megahertz range - now such speeds are considered too slow. The next generation of computers were called "Turbo XTs" introduced by Zenith Data Systems Corporation. Except for a 10 megahertz clock speed, these Zenith PCs were identical to the IBM XT - industry coined the DeFacto standard of "Clone" from Zeniths advertisements of their "TurboXT" being "100% compatible.... a virtual clone". The Zenith Data Systems "TurboXT" was introduced in 1984.

APPENDIX D
GLOSSARY

Terminology

Admin Pubs	Refers to those Marine Corps directives and other administrative non-technical publications in the Publications Control Number 102 series. These type publications are administrative in nature and apply to the normal daily operating procedures of the Marine Corps. This series includes, but is not limited to, uniform regulations, supply manuals and regulations, procurement regulations, personnel administration and pay and allowances, base support operations, base quarters and housing administration, and quality of life issues and regulations.
Online & on-line	Refers to any peripheral device (such as a printer) which is connected to a computer, is turned on and is in a "ready" access mode; and/or any computer with its peripherals that is connected to another computer or a Local Area Network server, or a mainframe "host" for the purpose of interfacing and exchanging of data with the "host" or other computers similarly connected to the "host."
user-friendly	Refers to the relative ease with which a PC's operating system, an AIS or an IMS, can be accessed and used effectively by a non-computer literate individual. The easier a PC or system is to access and use effectively, without need for specialized training, then the more user-friendly the PC or system is.

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1. Unless otherwise noted, any/all references to any particular company, its subsidiaries, systems, devices, or technologies are done so merely as being descriptive of existing systems and in no manner are they to be construed as an indorsement of that company, its subsidiaries, or products.

AT	Registered trademark of International Business Machines Corporation
Banyan Vines	Registered trademark of Banyan Systems, Inc.
DOS, MSDOS, or MS-DOS	Registered trademarks of MicroSoft Radio Corporation
IBM	Registered trademark of International Business Machines Corporation
INTEL	Registered trademarks of Intel Corporation

APPENDIX D
GLOSSARY

Trademarks, copyrights, acknowledgments, and other commercially registered names

Intel	Registered trademarks of Intel Corporation
MicroSoft	Registered trademark of MicroSoft Radio Corporation
PC	Registered trademark of International Business Machines Corporation
XT	Registered trademark of International Business Machines Corporation
Zenith	Registered trademark of Zenith Radio Corporation
Z248 or 248	Registered trademark of Zenith Radio Corporation
286, 386, 486, PS5, & Pentium	All of these are registered trademarks of Intel Corporation

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Publications Library Management System (PLMS), Users Manual

APPENDIX E Publications Control Number (PCN) Prefixes

Code	Publications Titles, Group, Subject Matter
100	Marine Corps Publications
102	Marine Corps Orders and Bulletins
104	Retention Advertising Materials
105	Marine Corps Tables of Equipment
110	Marine Corps Tables of Organization
120	Stocklist For Technical Publications
121	Marine Corps Stocklist Introduction and Indexes
122	Marine Corps Stocklist Item Identification Lists/Group Lists
123	Marine Corps Stocklist Components List
124	Repair, Maintenance, and Management Lists
126	Marine Corps Stocklist Applications List
128	Marine Corps Stocklist Special Manuals
130	Landing Force Manuals
132	Support Concept Manuals-Equipment Identification Number
133	Support Concept Manual-Federal Supply Class
136	Electronics Technical Manuals
139	Fleet Marine Force Manuals (FMFM)
140	Fleet Marine Force Reference Publications (FMFR)
141	Navy Doctrinal Publications
142	Marine Corps Doctrinal Publications
143	Marine Corps Warfighting Publications
144	Marine Corps Reference Publications
156	Marine Corps Calibration Program
157	Marine Corps Lubrication Instruction-Equipment Identification Number
158	Marine Corps Lubrication Instruction-Equipment Federal Supply Class
160	Marine Corps Modification Instruction-Equipment Identification Number
161	Marine Corps Modification Instruction-Equipment Federal Supply Class
162	Marine Corps Supply Instruction-Standard Subject Identification Code
163	Marine Corps Supply Instruction-Equipment Identification-Number
164	Marine Corps Supply Instruction-Equipment Federal Supply Class
165	Marine Corps Supply Instruction-Standard Subject Identification Code
166	Marine Corps Technical Instruction-Equipment Identification-Number
167	Marine Corps Technical Instruction-Equipment Federal Supply Class
168	Marine Corps Technical Instruction-Standard Subject Identification Code
170	Rebuild Standards
180	Technical Manuals - Subject Numerical Designator
181	Technical Manuals-Engineer
182	Technical Manuals-Federal Supply Class
184	Technical Manuals-Equipment Identification-Number
185	Technical Manuals-Ordnance
186	Information Resource Management Manuals
187	User Instructions For Automated Information Systems
188	Users Manuals
189	Field Circulars
190	Marine Corps Historical Reference Pamphlets & Bibliography
202	Naval Facilities Engineering Command
203	Executive Office of The Secretary Series

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205	Naval Sea Systems Command
206	Bureau of Naval Personnel Series
207	Naval Electronics And Communications Systems Command/Naval Sea Systems Command (NAVECSYSCMD/NAVSEASYSCMD)
208	Naval Supply System Command (NAVSUP)
209	Navy Resale and Services Support Office Manuals
210	Naval Sea Systems Command
211	Navy Commands
212	Naval Air Systems Command
216	Secretary of The Navy Instructions (SECNAVINST)
218	Chief of Naval Operations Publications
225	Savings Bond Division
300	Army Regulations
301	Army Subject Schedule
302	Army Training and Evaluation Programs
303	Army Materiel Command-Explosives Series
304	Army Circulars
305	Department of Army Pamphlets
307	Army Firing Tables
308	Army Graphic Training Aids
309	Army Lubrication Orders
310	Department of Army Posters
311	Army Supply Bulletins
312	Army Technical Bulletins
313	Army Training Circulars
317	Army Technical Bulletins-Engineer
318	Army Technical Bulletins-Medical
319	Army Technical Bulletins-Ordnance
320	Army Field Manuals
321	Army Technical Bulletins-Signal
323	Army Technical Bulletins-Provost Marshal General
324	Army Technical Bulletins-Quartermaster
325	Army Supply Manuals-Chemical
337	Supply Catalogs
339	U.S. Army Civilian Affairs School
340	Soldier Training Publications
345	Army Technical Manuals-Chemical
346	Army Technical Manuals-Engineer
347	Army Technical Manuals-Field Artillery
348	Army Technical Manuals-Medical
349	Army Technical Manuals-Ordnance
350	Army Technical Manuals-Quartermaster
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411	Department of Defense Operating Manual
412	Department of Defense Fact Sheet
413	Department of Defense Area Orientation
414	Department of Defense Pamphlets
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