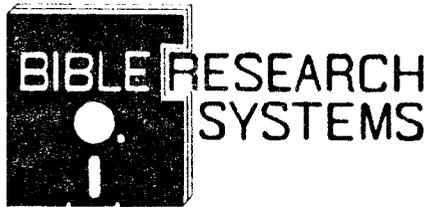# THE WORD
processor

BIBLE RESEARCH SYSTEMS

CONGRATULATIONS!

You are one of the first customers of a new product called, THE WORD processor. Every attempt has been made to assure a product that contains all the functions needed and which operates without error. We are proud of the quality of our work and we are committed to its proper functioning. Because it is new, there is still some chance of error. If you encounter any problem you consider may be a malfunction or if you have suggestions for product improvement, please contact us.

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Please keep us informed of your successful use of this product and your suggestions for other products.

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If you purchased THE WORD processor thru one of our dealers, you may want us to add your name to our mailing list in case problems arise or new functions become available. Please fill in the blanks and return this information to us.

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INTRODUCTION

This manual contains directions for use of THE WORD processor.
For those who learn best by example, illustrations are included
showing how to use each command.

THE WORD processor is a series of programs on a diskette. These
programs allow your computer to access the text of the Bible and
provide you with a Bible study tool. Chapter 1 of this manual
explains how to get started. Chapter 2 is a hands on learning
session that steps you through a variety of the features of THE
WORD processor. It is recommended that you do this exercise
before reading Chapters 3 through 5. Chapter 3 tells how to
access any text within a specified range of references. Chapter
4 tells how to create, use and maintain a reference library of
indexes to the text. Chapter 5 explains how to control THE WORD
processor operations by choosing your own set of control options.

THE WORD processor requires 48K of memory and at least two disk
drives. A printer is optional.

CHAPTER 1

GETTING STARTED

                *************COPYRIGHT NOTICE**************

THE WORD processor comes with a program disk and a set of disks
containing the text of the Bible. The contents of these disks
are copyrighted and it is illegal to duplicate them without
permission. However, because disks wear out with frequent use,
it is recommended that you copy each disk and use only the copy
for daily use. The original disks should be stored. Permission
is granted to duplicate THE WORD processor disks for backup
purposes only.

SYMBOLS AND ABBREVIATIONS

For all illustrations in this manual, when THE WORD processor is
expecting you to enter something, the symbol => is used to show
an example of what you are to enter. Remember, it may be
necessary to press the "ENTER" key afterwards.

HOW TO START

Place the THE WORD processor program disk on DRIVE 0 and turn on
your computer and enter today's date and time. THE WORD
processor will read the necessary files from disk into memory and
fill the screen with a list of options for you to choose from.
The disks containing text of the Bible should be placed on DRIVE
1 when requested by THE WORD processor.

MENU AND OPTION SELECTION

Whenever THE WORD processor needs to know what to do next, the
available options are displayed on the screen. This list of
options is called a "menu". The main menu of THE WORD processor
looks like this:

```
****************************************************************
*                                                              *
*                    THE WORD processor                        *
*                                                              *
*          COPYRIGHTED 1982 BIBLE RESEARCH SYSTEMS             *
****************************************************************
```

CHOOSE ONE OF THE FOLLOWING OPTIONS:

```
? - DISPLAY HELP INSTRUCTIONS       C - CREATE AN INDEX
S - SET CONTROL OPTIONS             I - INDEX DISPLAY OR MODIFY
P - PRINT MODE IS OFF. TURN IT ON   M - MERGE INDEXES
R - RANGE:  JOH 1:1 TO JOH 1:40     D - DELETE AN INDEX
T - TEXT DISPLAY OR SEARCH          Q - QUIT
```

WHICH OPTION?

You select the option you want by pressing the key indicated at
the left of the description for that option. For example if you
wanted to display text, you would press the "T" key. Any key
other than those listed on the menu will be ignored.

THE PROMPT LINE

Some option menus are displayed across one line at the bottom of
the screen. This is called a prompt line. You select the option
you want by pressing one of the keys indicated by the highlighted
letters. For example, the prompt line for displaying text looks
like this:

<U>P   <D>OWN   <T>OP   <B>OTTOM   <R>EF   <S>CAN   <P>RINT   S<C>ROLL

Each option will contain one highlighted letter. For example,
the "U" in UP will be highlighted, so pressing the "U" key will
initiate the UP option.

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WHAT TO DO IF YOU GET STUCK

After selecting an option, you may decide that is not what you
intended. You may change your mind at almost any time by entering
an escape code whenever THE WORD processor is waiting on you to
enter something. Whenever an escape code is entered, THE WORD
processor will return to the menu for you to select another
option. Escape codes are ignored when THE WORD processor is
expecting a specific yes/no answer from you and valuable data
could be lost if you entered an escape code by mistake. The
asterisk (*) is a valid escape code.

"HELP" WHEN YOU NEED IT

Whenever you are using THE WORD processor and you have forgotten
how a specific feature works, select the HELP option (the "?"
key) from the main menu. The main menu will be replaced on the
screen with the HELP menu which contains the same options.
However, when you select one of these options THE WORD processor
will explain how that option works. When you have read the
information, you may return to the main menu by pressing the *
key.

SETTING THE PRINT MODE

When you select an option from the main menu, THE WORD processor
checks to see if the print mode is set on. If the print mode is
set on, the requested text or references are formatted for the
printer. If the print mode is set off, the requested text or
references are formatted for the screen. Therefore, before you
select any other option, you should check the print mode setting
in the "P" option line of the main menu. Each time you select the
"P" option, the print mode will be set either on or off. If you
set the print mode on, you must also make sure the power switch
on the printer is turned on. Printer control options are
discussed in Chapter 5.

Whenever you are using the printer to print text, you may stop
the process in two ways. The first is to use "SHIFT-@". This will
interrupt the printing process and go into a "wait state".
Entering "SHIFT-@" again will resume printing.

The second way is to press the * key. This will terminate
printing and return you to the main menu.

THE QUIT OPTION

When you have completed a session select the "Q" option from the main menu. This will allow you to preserve any changes made to the control options or the range. Then in your next session all these variables will be as you left them.

On selecting the "Q" option you will get the following message:

DO YOU WANT TO SAVE NEW CONTROL OPTIONS?
(Y/N)?

To save the options and the range enter a "Y". If you wish the options to remain as they were when you started the session enter an "N".

CHAPTER 2

GETTING ACQUAINTED

This chapter is designed to acquaint you with the features of THE WORD processor. A step by step set of instructions will take you through a session of looking at the first two chapters of the book of JOHN. So, let's get started.

Insert the disk containing THE WORD processor programs (one you have copied from the original) into DRIVE 0. Turn on your computer and enter todays's date and time and you will get the main menu, as described in Chapter 1, displayed on the screen. At this point we are ready to begin the session. During the session you will be required to enter data. When this is necessary the following sign will be used in the documentation.

=>

Do not enter the => sign, only the data following it. In most cases when you encounter this sign in the documentation the screen will have a blinking cursor. Please follow the instructions step by step and read each step completely before executing it. Enjoy your "GETTING ACQUAINTED" session.

THE RANGE OPTION

STEP 1 - Select the RANGE option by pressing the "R" key to establish the range of text we are interested in.

STEP 2 - Enter

=>JOH 1:14   ("ENTER" key)

This sets the beginning of the range at JOHN 1:14

STEP 3 - Enter

=>JOH 3:36   ("ENTER" key)

This sets the end of the range at JOHN 3:36. You have now been returned to the main menu. NOTE that the range is shown on the "R" option line.

THE TEXT OPTION

STEP 4 - Select the "T" option to allow us to look at the text we are interested in.

STEP 5 - You are now requested to insert the disk containing the book of JOHN into DRIVE 1. Please do so and then press the space bar (or any other key). The first verses of the specified range will be displayed.

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STEP 6 - After looking at the first verses you may select the "D" option as described in the prompt line at the bottom of the screen. This will display the verses following next in the text.

STEP 7 - Select the "D" option once more and you get the idea of how the DOWN option works.

STEP 8 - Now select the "B" option. This will display the last verse or the BOTTOM of the range that we set earlier.

STEP 9 - To move back toward the front of the range, select the "U" option and the screen will display the last two verses in the range.

STEP 10 - Select the "U" option several more times and the function of the UP option becomes clear.

STEP 11 - Finally, by selecting the "T" option we return to the TOP of the range and are back where we started.

STEP 12 - We have had our first look at the text and now want to try something different, so press the * key and we will return to a display of the main menu.

THE CONTROL OPTIONS

STEP 13 - THE WORD processor displays the text in two forms. To change the form of display select the "S" option from the main menu and we will use one of the control options.

STEP 14 - The control options deal with a variety of things, but the "7" option (FULL SCREEN OR 1 VERSE) allows us to change the screen display format. The VALUES column now reads SCREEN. So, press the "7" key and note that the options are re-displayed and the VALUES column now reads VERSE.

STEP 15 - Having made this change press the * key and we will return to the main menu.

STEP 16 - Now we will go through the same process as earlier.

Select the "T" option

Use the "D" option several times.

Go to the end of the range with the "B" option.

Use the "U" option several times

Finally, return to the top of the range with a "T" option.

THE SCAN OPTION

STEP 17 - All right!! Ready for something a little more exciting?
I'll bet you have never heard of a "FIRKINS". Well there is (or
was) such a thing, so lets look for one. Select the "S" option
and we will go on a "FIRKINS" hunt.

STEP 18 - You have just entered the SCAN option and are being
requested to enter the value you wish to look for. So enter the
value

  =>FIRKINS   ("ENTER" key)

You will be asked if you want to look for any other values, but
we don't, so just press the "ENTER" key.

STEP 19 - See, there are FIRKINS. To see if there are any more of
them lurking about, press the "S" key.

STEP 20 - Well, it looks like we are all out of FIRKINS, so why
don't we go back and look for something else. Select the "T"
option and we'll get back to the start of the range.

STEP 21 - Select the "S" option again and we'll try something
different.

STEP 22 - Often what you are looking for may be worded in more
than one way so THE WORD processor allows you to search for
multiple values. Enter the words shown below.

  =>MEN   ("ENTER" key)

  =>MAN   ("ENTER" key)

  =>   ("ENTER" key)

STEP 23 - Continue using the "S" key to step through the selected
verses until you reach the point where no more verses meet the
search criteria. Good! Now for one more try at a SCAN technique
select the "T" option and return to the start of the range.

STEP 24 - Select the "S" option once more and this time enter a
slash "/" following the value.

  =>EVER/   ("ENTER" key)

  =>   ("ENTER" key)

You can see that we didn't get the word "EVER" but rather the
word "EVERY". The slash "/" specifies to look for the words
beginning with the letters "EVER". Use the "S" key repeatedly
until you reach the end of the search.

STEP 25 - Select the "T" option again.

STEP 26 - Select the "S" option and this time enter the value shown below. Be sure to precede it with an "=" sign.

=>=EVER   ("ENTER" key)

=>   ("ENTER" key)

This time we didn't get "EVERY", but we did get something, didn't we!

The SCAN capability is described in detail in Chapter 3 including the use of the slash and equal sign characters. After you have read Chapter 3 select an area of the Bible you are familiar with and try SCAN. You will probably be surprised at what you find.

STEP 27 - We can leave the SCAN mode with any of the prompt line options or with *. Depress the * key and we will return to the main menu.

STEP 28 - Let's go back to the control options and re-establish a full screen display mode. Select the "S" option, then enter a "7" and press the * key. We are now back to the main menu and in full screen mode.

INDEX CREATION

STEP 29 - A significant feature of THE WORD processor is the ability to create indexes. Let's see how they work. Select the "C" option.

STEP 30 - You are being asked to enter a name for the new index so let's give it the name shown below.

=>MENMAN   ("ENTER" key)

The index is going to be written on the DRIVE 0 disk so be sure that the disk is not write protected and that it has room to accomodate a small file.

We want the system to do the work today so enter a "1" for automatic creation.

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STEP 31 - This step is just like the SCAN process in step 22. Enter

  =>MEN   ("ENTER" key)

  =>MAN   ("ENTER" key)

  =>   ("ENTER" key)

The index creation is now in process.

STEP 32 - Following a short intermission you are advised that the index has been created and that 17 references were located that met the search criteria. To see the list of references, press the space bar.

DISPLAYING INDEXES

STEP 33 - These references contained either the word MEN or the word MAN. You can move through the list by pressing the "N" key. Do so several times.

STEP 34 - The "V" key moves through the references in the opposite direction. Use the "V" key several times to move back to the top of the list.

STEP 35 - Now lets look at the verse that the first entry in the index is pointing to. Select the "X" (TEXT) option shown in the prompt line. The top of the screen now has the first verse that had either the word MEN or the word MAN in it. Note that the prompt line now has an entry "INDEX" with the "X" highlighted.

STEP 36 - Let's again select the "X" (INDEX) option and we return to the index list. Now select a "N" option and move the list down one reference.

STEP 37 - Once again select the "X" option and see the next verse specified by the index. You don't have to go back to the index each time you want to see the next verse. Select the "N" option and the next verse specified by the index will be displayed. You may freely move back and forth between index list and text by using the "X" key. Try it a few more times.

NOTE: You can access this display capability at any time by selecting the "I" option from the main menu.

INDEX MODIFICATION

STEP 38 - Before we leave our index let's try one more option. If
necessary, use the "X" option to display the index entries and
then use the "T" option to display the top of the list of
references.

Now, select the "I" option. This option allows you to "INSERT"
any legitimate reference into the index.

So let's enter

```
  =>REV              ("ENTER" key)
  =>GEN 2:2          ("ENTER" key)
  =>JOH 1:22         ("ENTER" key)
  =>                 ("ENTER" key)
```

The screen display has changed. You will see that REV 1:1 was
placed at the bottom of the index. GEN 2:2 was placed at the top
of the index. JOH 1:22 was inserted in the appropriate position
to preserve a BOOK, CHAPTER, VERSE sequence.

STEP 39 - We'll return to the main menu now so press the * key.

***** UH - OH ?? *****

You are being asked if you want to include in the permanent index
the insertions we have just made. Since we were just
experimenting, we won't save the modifications. Enter an "N".

STEP 40 - Let's create one more index. Select the "C" option and
enter

```
  =>HEAVEN           ("ENTER" key)
```

Press the "1" key. Then enter the word

```
  =>HEAVEN           ("ENTER" key)

  =>                 ("ENTER" key)
```

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STEP 41 - Good! We have created a second index. We won't look at the index now, but we'll use it in a different way in a minute. Press the * key.

MERGING INDEXES

STEP 42 - You will find as you develop your library of indexes that a combined form of two or more indexes has relevence. The way to accomplish this is with the MERGE option. Select the "M" key.

STEP 43 - We will merge the two indexes previously created so enter the following:

   =>MENMAN   ("ENTER" key)

   =>HEAVEN   ("ENTER" key)

   =>MNHV   ("ENTER" key)

You will be asked to place the disks containing the indexes into the drive and press the space bar to continue.

STEP 44 - You have the option of combining the indexes (1) or creating the intersection (only the common verses) of the indexes (2). Let's select the second option. Enter a "2".

STEP 45 - Good! Now let's look at the verses we found. Press the space bar and we see the index has three references.

STEP 46 - Select the "X" option and we see the first verse includes the words HEAVEN and MAN.

STEP 47 - Select the "N" option and we see that the second verse includes the words HEAVEN and MAN. Select the "N" option again and we see that the third verse includes the words HEAVEN and MAN.

As you get familiar with the creation and merging of indexes, this powerful feature will become a mainstay in your use of THE WORD processor.

STEP 48 - Press the * key to return to the main menu.

USING THE PRINTER

STEP 49 - If you don't have a printer, skip down to step 56. If you do have a printer, be sure that it is turned on and the paper is properly positioned. Now select the "P" option from the main menu. Note that the options are re-displayed and the "P" option line has changed, stating that the PRINT MODE is on. Pressing the "P" key again will turn the PRINT MODE off. Try it a few times.

STEP 50 - Now, be sure that the PRINT MODE is on. The next process will be to print out all of the verses in the specified range. select the "T" option.

STEP 51 - Once again make sure the printer is on and the paper as you want it and then press the space bar. Since you probably don't want to print the entire range, when you have seen enough press the * key and you will be returned to the main menu.

****** OKAY --- Press the * key. ******

STEP 52 - Now select the "P" option and turn the PRINT MODE off.

STEP 53 - Select the "T" option.

STEP 54 - Make sure the printer is on. Select the "P" option shown on the prompt line at the bottom of the screen. This will print ONE verse (the top one) and return control to the TEXT option. NOTE you can use this print capability without having the PRINT MODE on.

STEP 55 - Select the "*" key.

STEP 56 - We have completed this session. To terminate, select the "Q" option. You are given the option of saving the control options and the range. We'll save them so enter a "Y". Now press the space bar and the session will be terminated.

****

This session has introduced you to THE WORD processor. The remaining chapters describe, in detail, the features you have used in this session as well as many capabilities that were not used. Read the manual carefully and then enjoy your Bible study more than you ever have before.

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CHAPTER 3

WORKING WITH TEXT

The Bible text is stored on your disks in a condensed form and is expanded into the full text as you request it. This is accomplished by selecting the "T" option from the main menu. When you do this the system will determine whether there is currently any text in memory and if so whether it is the text necessary to satisfy the "RANGE" that is defined. If not, you will be requested to insert the disk containing the necessary text into DRIVE 1 and press any key to continue. The initial verse(s) will be displayed. Thereafter, you control which parts of the text are to be displayed by using the options shown in the prompt line at the bottom of the screen.

THE RANGE OPTION

Prior to requesting the display of text it is necessary to describe to the system which part of the text you want. The RANGE option is used to establish the boundaries within which you wish to operate. The most obvious range is from GENESIS 1:1 to REVELATION 22:21, or in other words, the whole Bible. However, you are more likely to be interested in a specific section of the Bible such as a particular book.

To set a RANGE for the book of JOHN for example, select the "R" option from the main menu. The system will then request the beginning reference of the RANGE. This should be entered in the form BOOK CHAPTER:VERSE. The screen would then look like:

  START WITH BOOK CHAPTER:VERSE
=>JOH 1:1

The system verifies that a valid reference has been entered and then requests the ending reference of the RANGE. For instance:

  STOP WITH BOOK CHAPTER:VERSE
=>JOH 21:25

The example as shown would establish the RANGE as the entire book of JOHN. To simplify the process the system will allow entry of just the BOOK. If this is done the first chapter and first verse are assumed for the beginning RANGE reference and the last chapter and last verse for the ending RANGE reference. Therefore by entering:

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```
    START WITH BOOK CHAPTER:VERSE
=>JOH

    STOP  WITH BOOK CHAPTER:VERSE
=>JOH
```

you would also establish the entire book of JOHN as the RANGE.

The same logic applies if you enter only the BOOK and CHAPTER.
So, if you entered:

```
    START WITH BOOK CHAPTER:VERSE
=>JOH 5

    STOP  WITH BOOK CHAPTER:VERSE
=>JOH 21
```

a RANGE of JOHN 5:1 through JOHN 21:25 would be established.

A complete list of the accepted BOOK NAME ABBREVIATIONS for the
system is shown in Appendix A. All characters in the book name
other than the first three are ignored.

Immediately after you have entered a valid "STOP" reference you
will be returned to the main menu. Thereafter the range you have
selected will always be displayed on the main menu to the right
of the description of the "R" option. Of course it can be changed
at any time by once again using the "R" option to establish a new
RANGE.

TEXT DISPLAY OPTION

To display some portion of the Bible text you select the "T"
option from the main menu. If the text for the first verse in the
range is not in memory, it will be read into memory from the disk
on DRIVE 1. If the desired text is not on this disk you will be
asked to insert the correct disk into DRIVE 1. The first verse(s)
of the current range will then be displayed on the screen.
Displayed on the bottom line of the screen will be a number of
options for further manipulation of the text. These options are:

<U>P <D>OWN <T>OP <BOTTOM <R>EF <S>CAN <P>RINT S<C>ROLL

A highlighted letter of each option indicates the key that will
select the option. For example, the "U" of the UP option will be
highlighted, so you would use the "U" key to select that option.

THE UP OPTION

This option will cause the text display to move up one verse. For example, if the top of the screen is showing verse JOHN 1:5 and you select the "UP" option (the "U" key) the text will be re-displayed with verse JOHN 1:4 at the top. When you have reached the top (the starting verse) of the current range, selection of the "UP" option returns the message, "TOP OF RANGE".

THE DOWN OPTION

This option is used to move downward through the text. Selection of the "DOWN" option (the "D" key) will cause the display of the next full screen of verses or single verse within the current range. This will be dependent on which control option you have set for screen display. (See Chapter 5, Control Options.)

For example, if you have set the "full screen" control option then verses JOHN 1:1 through 1:6 could be fully displayed. If you then selected the "DOWN" option, the new display would begin with verse JOHN 1:7 and continue until the screen was again full. Using this feature you are able to move through the text as desired.

When you reach the last verse of the current range, selection of the "DOWN" option returns the message, "BOTTOM OF RANGE".

THE TOP OPTION

Selection of the "TOP" option (the "T" key) will always reposition the text to the first verse of the current range. For example, if the current range is JOHN 1:1 through JOHN 21:25 and the screen is currently displaying JOHN 3:5, selection of the "TOP" option will cause a new display with verse JOHN 1:1 at the top of the screen.

THE BOTTOM OPTION

Use of the "BOTTOM" option (the "B" key) works logically just like the "TOP" option, except that it will always reposition the text to the last verse in the current range. Selection of the "BOTTOM" option in the example above would cause a new display with verse JOHN 21:25 at the top of the screen.

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THE REFERENCE OPTION

There are times when you would like to position the display at a particular verse within the current range. If the verse is too far away to conveniently scroll down to or up to, then the "REF" option (the "R" key) can be used. Following selection of the "REF" option you will see the following message:

ENTER REFERENCE TO DISPLAY NEXT

Now you may enter the BOOK CHAPTER:VERSE you want displayed:

=>JOH 3:15

This action would result in a text display with the verse JOHN 3:15 at the top of the screen. Any request for a verse that is outside of the current range returns the message, "REQUESTED REFERENCE NOT WITHIN RANGE".

THE SCAN OPTION

This option is designed to search through the text within the current range and locate those verses that contain specified words or phrases. When a verse is located that has one of the words or phrases desired, it will be displayed at the top of the screen and the first letter of the search value will be highlighted within the verse.

When the "SCAN" option (the "S" key) is selected, the system will display the following message:

ENTER A WORD OR PHRASE TO FIND
=>STONE   ("ENTER" key)

PRESS THE ENTER KEY OR
ENTER ANOTHER WORD OR PHRASE TO FIND

The example shows that the word "STONE" is to be located. Following the input of the word "STONE", the system will give the option of entering another word or phrase or completing the input process by pressing the "ENTER" key. If you enter more than one word or phrase the system will search for verses containing any one of the words or phrases. Should a verse contain more than one of the words or phrases the verse will be displayed once for each occurrence of a search value.

When you have entered all of the search values the system will begin the search at the top of the current range. The first verse encountered that contains one of the search values will be displayed at the top of the screen. The first letter of the specific word or phrase that was found will be highlighted. When you want to continue the search press the "S" key and the next verse meeting the criteria will be displayed. This will continue until all verses within the current range have been searched. Should you wish to terminate the search prior to the end of the range, using the "*" key or selection of any of the other options (except PRINT) will cause termination of the SCAN process.

In the above example the search process will assume that the value "STONE" is preceded by a blank and is followed by a blank or punctuation character. Therefore, only the word "STONE" would meet the search criteria and any verse with this word would be selected. Should you also want all verses with any word beginning with "STONE", then the input should be:

=>STONE/   ("ENTER" key)

The slash is a terminator and when used tells the system to include everything from the first character to the slash in the search criteria.This example would now include the words "STONED" and "STONES".

Finally, this would find most of the STONE's that were being cast around, but it wouldn't find a "MILLSTONE" because the system is assuming the requirement for a preceding blank. Should you wish to find a value that is preceded by something other than a blank the "=" operator is used. For example, entering the value as follows:

=>=STONE/   ("ENTER" key)

would return any letter sequence of "STONE" that was preceded by any character but a blank and followed by any character. Therefore, the word "MILLSTONE" or "MILLSTONE." or "MILLSTONE," would all meet the search criteria.

Usually entering two search values will find the value
occurrences you want. Entering

=>STONE/   ("ENTER" key)

=>=STONE/   ("ENTER" key)

will find all occurrences of the letter sequence "STONE". If
there are some occurrences that you are not interested in you can
bypass them at viewing time. (If unwanted references are included
in an index it is a simple matter to delete them. See Chapter 4.)

All of the examples so far have been single words, but you may
enter any combination of words or phrases up to 255 characters.
For example,

=>CAME FOR A WITNESS   ("ENTER" key)

=>LIGHT OF MEN   ("ENTER" key)

=>SON OF MAN   ("ENTER" key)

might be entered as a combined search criteria. In this way you
can begin to look for more complex relationships of words.
Chapter 4 will discuss the creation of indexes which uses the
same SCAN criteria for selecting the verses to be contained in
the index. It will also explain the capability of combining
indexes to achieve even more complex word and phrase
relationships.

With practice you will find the SCAN option to be very useful,
but be sure to give careful consideration to your search
criteria, because word and character combinations may often
surprise you.

SUMMARY OF RULES FOR SEARCH CRITERIA

=>STONE	- Finds the word "STONE"
=>STONE /	- Finds the word only if followed by a blank
=>STONE/	- Finds any word beginning with the characters "STONE"
=>=STONE	- Finds any word ending with the characters "STONE"
=>=STONE /	- Finds any word ending with the characters "STONE" and a blank
=>=STONE/	- Finds any word containing the characters "STONE" except at the beginning
=>SON OF MAN	- Finds the phrase
=>SON OF MAN./	- Finds the phrase only if followed by a period

THE PRINT OPTION

This option (the "P" key) allows the user to cause the verse displayed at the top of the screen to be printed. Only one verse will be printed and then control will be returned to the TEXT option with the same screen display that existed prior to the PRINT operation. The user should be sure that the printer is on and the paper positioned properly before selecting this option.

The "PRINT" option may be used at any time without terminating any SCAN operation. Following the PRINT the printed verse will be re-displayed at the top of the screen, but the highlight of the search value will be gone. To continue the SCAN press the "S" key.

The PRINT MODE option provided in the main menu is not required to be on for this option to work. Use of the PRINT MODE option is described in Chapter 1.

THE SCROLL OPTION

This option (the "C" key) provides for continuous display of text. Verses will be displayed without stopping until the end of the RANGE is reached or you press the * key. The display can be halted temporarily by pressing the "@" key while holding down on the SHIFT key. Pressing SHIFT-@ again will start the scroll rolling again. The scrolling speed can be slowed by pressing the left arrow key. Each time this key is pressed the scroll speed will be slower. The scroll speed can be increased by pressing the right arrow key repeatedly.

CROSSING RECORD BOUNDARIES

Even when the full screen option is in effect, you may sometimes get only a partial screen when displaying text. This occurs when the end of the text record currently in memory has been reached. The next DOWN command will cause THE WORD processor to read another record from disk into memory and the screen may once again be full. A similar situation occurs when the top of a record is reached. An UP command causes a read of the previous record and displays only the last verse at the end of that record.

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CHAPTER 4

WORKING WITH INDEXES

WHAT IS AN INDEX?

An index is a powerful tool for creating a library of Bible
research materials. The information you collect over many years
of Bible study can be permanently stored on your computer for
cross reference and review. An index is a list of references
that point to the text. An index may include any references you
choose. You may want to have an index that contains references
of all verses which contain specific words, or specific phrases,
or a common topic. You may want an index of references of all
verses for a specific Bible study discussion. An index is a
permanent copy of your current Bible study efforts. As you use
the indexes more and more, your library of study resources will
grow larger and more comprehensive.

HOW TO USE AN INDEX

Indexes are created either by THE WORD processor or by you. THE
WORD processor can create indexes by scanning the text for all
occurrences of specific words or phrases. You can modify the
index created by THE WORD processor or you can create your own
based on your knowledge of verses. Once an index has been
created, it can be modified at any time by inserting new
references or removing references. Indexes can be merged to
create other indexes. Copies of the index can be printed for
review. Once an index has been created, THE WORD processor can
print or display on the screen the text of all verses referenced
in the index.

Indexes can be stored on the same disk as THE WORD processor
programs. However, you may run out of space on this disk.
Indexes may also be stored on any of your formatted disks.

TOPICAL CROSS REFERENCE OF THE BIBLE

Bible Research Systems also offers a separate product called,
TOPICS, which is a data base of indexes for over 200 of the most
significant subjects discussed in the Bible. These indexes are
immediately accessible through THE WORD processor for studying
verses from the Bible organized by subject. The benefits of THE
WORD processor in doing word-content studies can be greatly
complemented through use of the TOPICS data base of indexes.
TOPICS can be purchased directly from Bible Research Systems.

CREATING AN INDEX

Before creating an index, you should first set the RANGE (as described in Chapter 3). Creation of an index is initiated by selecting the "C" option from the main menu. You will be asked for the name to be given to this new index.

```
    WHAT IS THE NEW INDEX NAME?
=> JOHN
```

An index name is used to create a file, so the index name must follow the rules for valid file names for your computer. A new index name must not already exist on the disk in DRIVE 0, must begin with a letter and can contain a maximum of 8 letters or numbers. Optional name extensions, passwords, or disk-drive specifications are allowed. When these limits are satisfied you are offered these options:

```
    AN INDEX CAN BE CREATED BASED ON:
    1 - WORD CONTENT BY SCANNING THE TEXT
    2 - TOPIC COVERED WITHIN THE VERSE
    WHICH OPTION? (1 OR 2)   =>
```

If you respond with a "2", the screen will show a blank index with a prompt line. You then have the option of inserting any reference you want into this new index. For instructions on the INSERT command, refer to the description of MODIFYING AN INDEX later in this chapter. An index created using option "2" may contain a maximum of 1022 references.

If you respond with a "1", you will be asked to enter the search criteria. The rules for entering the search criteria for index creation are exactly the same as those for the scan option. These are discussed in detail in Chapter 3. After entering all search criteria, you will receive the following messages:

```
    INDEX CREATION IS IN PROCESS
      (text disks will be requested as needed)
      (error messages may occur)
    INDEX CREATION IS COMPLETED
    INDEX CONTAINS n REFERENCES
    PRESS ANY KEY TO CONTINUE
```

The new index has been written on the disk in DRIVE 0 or the disk-drive specified by the index name. Press any key and the first references in the index will be displayed. For what to do next, refer to the description of DISPLAYING AN INDEX later in this chapter.

As the index is being created, a check is made to see if the number of references in the index exceeds the limit set in the control options (see Chapter 5). If the maximum is reached, index creation will terminate. The index will contain only those references up to the time before the maximum was reached. This limit can be set to avoid creating large indexes by mistake.

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Error messages may occur for problems on a disk drive. If recovery is not possible, you will receive the following message:

    PROCESS TERMINATED BEFORE COMPLETION

THE WORD processor will return to the main menu. You should correct the problem (use another disk) and start again.

DISPLAYING AN INDEX

Display of an index on the screen is initiated by selecting the "I" option from the main menu. If an index is currently in memory you will receive the following messages:

    JOHN
    IS THE CURRENT INDEX
    IS THIS THE ONE YOU WANT?
    (Y/N) =>

If you respond "Y", the index will be displayed. If you respond "N" you will be asked to enter the name of the index you want.

    WHAT IS THE INDEX NAME?
=> LOVE

The index will be read from disk into memory and displayed. The following options will be displayed on the prompt line:

PRE<V> <N>EXT <T>OP <B>OTTOM TEX<T> <I>NSERT <R>EMOVE

The display options are:

    PREV - display the previous reference in the index
    NEXT - display the next reference in the index
    TOP   - display the first reference in the index
    BOTTOM- display the last reference in the index
    TEXT - display the text of the reference

When you select the TEXT option, the prompt line will be modified to include:
    UP   - display the next verse up in context
    DOWN - display the next verse down in context
    PRINT - print the verse now at the top of the screen
    INDEX - display the index references only (no text)

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PREV causes THE WORD processor to re-display the index references beginning with the reference that precedes the reference currently shown at the top of the screen. If the first reference in the index is already shown, the message, TOP OF INDEX, will be displayed.

NEXT causes THE WORD processor to re-display the index references beginning with the reference that follows the reference currently shown at the top of the screen. If the last reference in the index is already shown at the top of the screen, the message, BOTTOM OF INDEX, will be displayed.

TOP causes THE WORD processor to display the index beginning with the first reference in the index.

BOTTOM causes THE WORD processor to display the last reference in the index.

Use of the TEXT option (the "X" key) causes THE WORD processor to switch from displaying the index references to displaying the text of the verses specified by the index. If the control options (see Chapter 5) specify single verse, only the verses actually specified by the index will be displayed. If the control options specify a full screen, each time a verse specified by the index is displayed THE WORD processor will continue from that point in the text and fill the screen to show the verse in its context. Each time the PREV, NEXT, TOP, BOT options are selected, the appropriate verse specified by the index is displayed at the top of the screen. The TEXT option also alters the prompt line to include the INDEX, PRINT, UP, DOWN options.

Use of the INDEX option (the "X" key) causes THE WORD processor to switch back to displaying the index references without the text.

UP and DOWN are exactly as described in Chapter 3 for text display. They are provided here to allow the user to view each verse in its context. When PREV or NEXT have been used to display a specific entry from the index, the UP or DOWN can be used to view that verse in its full context.

Use of the PRINT option (the "P" key) causes THE WORD processor to activate the printer, print the text of the verse that is currently at the top of the screen, and return. This option is available regardless of the print mode setting on the main menu. Left/right margins and line spacing set by the control options are used. No line count is used, so you should position the paper in the printer as you want before selecting the PRINT option.

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MODIFYING AN INDEX

While you are displaying an index, you may want to modify it. If
modification is possible on this index, the prompt line will
include:

    INSERT - add a new reference to the index
    REMOVE - remove a reference from the index

INSERT causes THE WORD processor to display the following
message:

=>
  ENTER THE NEW REFERENCE

You may enter any valid reference. (See THE RANGE OPTION in
Chapter 3 for details). After the reference has been added to
the index, the new reference will be displayed at the top of the
screen and THE WORD processor will wait for you to enter another
reference to be inserted. When you have inserted all the
references you want, just press the ENTER key to get back to the
prompt line. If the new reference is already in the index, you
will receive the message: DUPLICATE REFERENCE REJECTED. If the
index is full you will receive the message: INDEX IS FULL. NO
INSERTS ALLOWED.

If you enter only a verse number, it is assumed to be in the same
chapter as the reference shown at the top of the screen. If you
enter only the chapter and verse, the book is assumed from the
top reference on the screen. To insert a range of verses within
the same chapter (for example, GEN 5:2 thru GEN 5:14), insert the
beginning reference first.

    =>GEN 5:2   ("ENTER" key)

With the beginning reference at the top of the screen, enter a
dash "-" and the ending verse within the same chapter.

    =>-14   ("ENTER" key)

If you enter only a dash and press the ENTER key, all verses will
be inserted from the beginning reference at the top of the screen
thru the end of that chapter.

REMOVE causes THE WORD processor to remove from the index the
first reference displayed at the top of the screen. The next
reference down will be shown in its place. If you remove the
bottom reference, the screen will show the new bottom reference.
If all references have been removed the only valid command will
be the INSERT.

When the INSERT or REMOVE options are selected, the index is
modified only in the memory of the computer. When the escape
code is used to return to the main menu, you will be asked the
following:

    DO YOU WANT TO SAVE THE CHANGES?
    (Y/N)? =>

If you respond "Y", the changes you made to the index in memory
will be copied to disk as a permanent change. If you respond
"N", the changes you made to the index in memory will not be
saved.   The next time you read this index from the disk, it will
be exactly as it was before you made all those changes. If you
removed all references in an index and you save the changes, the
index will still exist on the disk but will contain no
references.   If you want to get rid of the index, you should use
the DELETE option from the main menu.

INSERT and REMOVE are allowed on any index that contains 1022
references or less.   For larger indexes the update options are
not available.

PRINTING AN INDEX

Before printing an index, you should check the control options to
see if they are all set as you want and then turn on the PRINT
MODE using the "P" option from the main menu. Printing an index
is initiated by selecting the "I" option from the main menu when
the PRINT MODE is set on. The same check will be made as for
displaying an index, described earlier in this chapter, to
determine if the index in memory is the one you want. You will
then be given the following option:

    YOU HAVE REQUESTED TO PRINT INDEX:
    JOHN
    DO YOU WANT
    1 - REFERENCES ONLY
    2 - REFERENCES AND TEXT
    WHICH OPTION? (1 OR 2) =>

If you respond "1", the references will be printed. If you
respond "2", both the references and text will be printed. You
will first receive the following message:

    MAKE SURE PRINTER IS TURNED ON
    MAKE SURE PAPER IS AT TOP OF PAGE
    PRESS ANY KEY TO CONTINUE

Pressing any key will start the printing of the index. The
format will depend on the values you have set in the control
options.

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MERGING INDEXES

Merging of indexes is a valuable tool for text analysis. For example, you may have created an index file by searching the gospels for all occurrences of the words JUDGMENT and REDEMPTION. You may also have an index of your studies on the second coming. Merging these indexes is possible in two ways:

    Combination - create a new index containing all the
                   references from both existing indexes
    Intersection - create a new index containing only those
                   references found in both of the existing
                   indexes

Merging of indexes is initiated by selecting the "M" option from the main menu. You will be asked for three names:

    WHAT IS THE FIRST INDEX NAME?
    => JUDRED
    WHAT IS THE SECOND INDEX NAME?
    => SECOME
    WHAT IS THE NEW INDEX NAME?
    => JRSC

You will then receive the message:

    PLACE INDEX DISK(S) ON DRIVE(S)
    PRESS ANY KEY TO CONTINUE

When you respond, THE WORD processor will check if the index to be created already exists. If it does, you will be asked to enter another name. THE WORD processor will then check if the indexes to be merged exist. If they do not, you will be asked to insert the right disk in the drive. When all index names are valid, you will receive the following message:

    INDEX CREATION IS IN PROCESS

The remaining messages, error conditions and special considerations are exactly the same as those for index creation discussed earlier. The maximum reference limit set in the control options (See Chapter 5) is checked during creation of any new index.

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DELETING AN INDEX

As you continue to build your library of indexes, you may wish to get rid of unused indexes. Index deletion is initiated by selecting the "D" option from the main menu. You will be asked:

    WHAT IS THE INDEX NAME?
=> JOHN

THE WORD processor will respond with the following message:

    JOHN
    IS TO BE DELETED. PLEASE VERIFY
    (Y/N)?   =>

If you respond "Y", the index will be deleted. If you respond "N", THE WORD processor will return to the main menu.

CROSSING RECORD BOUNDARIES

When an index exceeds 1022 references, you may sometimes get only a partial screen when displaying that index. This occurs when the end of the index record currently in memory has been reached. The next DOWN command will cause THE WORD processor to read another record from disk into memory and the screen will once again be full. A similar situation occurs if the top of a record is reached when you request the UP command.

CHAPTER 5

CONTROL OPTIONS

THE WORD processor makes some assumptions about your computer
system and about how you want to control your printed or
displayed output. You have the ability to modify these
assumptions by using the "S" option from the main menu. When you
select this option the system will display the following on your
screen:

    S   SET CONTROL OPTIONS

  CHOOSE ONE OF THE FOLLOWING OPTIONS:

                                   VALUES
  1 - LEFT MARGIN   (1-112)   1
  2 - RIGHT MARGIN   (20-132)   80
  3 - LINE SPACING   (0,1,2)   0
  4 - LINE COUNT   (1-255)   56
  5 - PAGE SIZE   (1-255)   66
  6 - MAXIMUM INDEX   (0-59276)   1022
  7 - FULL SCREEN OR 1 VERSE   SCREEN
  8 - DISPLAY NAMES OF INDEXES
  * - RETURN TO MAIN MENU

  WHICH OPTION? (1-8,*)

To change any one of these variables all that is required is
selection of the appropriate option number 1 through 8. The
allowable values for each option are displayed in parentheses.
The value shown at the right is the current value for that
option. Each of the options is discussed below.

1 - LEFT MARGIN

The margin entries are for the printer and do not affect the screen display. You may choose any left margin position from 1 to 112, but there must be at least 20 characters between the left and right margins. Therefore, it is suggested that you set the right margin before the left margin to avoid an unnecessary error message. If you set either margin to more than 80 be sure that your printer can print that many characters on one line. To change the left margin press the 1 key. Then enter the desired margin number and press the "ENTER" key. The system will re-display the options with the new left margin.

2 - RIGHT MARGIN

To set a new right margin press the 2 key. Then enter the desired right margin number from 20 to 132 and press the "ENTER" key, but remember there must be at least 20 characters between the left and right margins. If you set the margin to more than 80 be sure that your printer can handle more than 80 characters on one line. The system will re-display the options with the new right margin.

3 - LINE SPACING

The line spacing option allows you to select zero, one or two spaces between print lines. This affects only the printer and not the screen display. To change the line spacing press the 3 key. Then enter a 0,1 or 2 and press the "ENTER" key. The system will re-display the options with the new line spacing.

4 - LINE COUNT

The system assumes you are using standard size paper and want to fill 56 lines with print and leave margins at the top and bottom of the page. To change the line count press the 4 key. Then enter the number of lines to be printed on each page (cannot be greater than page size) and press the "ENTER" key. The system will re-display the options with the new line count.

5 - PAGE SIZE

The system assumes that the paper you are using in your printer is the standard size allowing 66 print lines. If you are using any other size paper then you will want to use the page size option. Top and bottom margins are determined by page size minus the line count. To change the page size press the 5 key. Then enter the number of lines that the paper will accommodate and press the "ENTER" key. The system will re-display the options with the new page size.

6 - MAXIMUM INDEX

This option deals with the indexing capability of the system.
The maximum number of entries allowed in a single index is
59,276. However, you would seldom ever require that many
entries. This option allows you to set an upper limit on the
number of index entries the system can create in any one index
creation process. This will protect you from initiating a process
that might be undesirably long. The assumed maximum is 1022
entries which will exactly fit in one disk record. We recommend
that this maximum be left as is, unless you know that you are
going to create a very large index. To change the maximum number
of entries allowed, press the 6 key. Then enter the number of
entries desired and press the "ENTER" key. The system will
re-display the options with the new maximum entries.

7 - FULL SCREEN OR 1 VERSE

This option deals with the way text is displayed on the screen.
FULL SCREEN mode will always start at the top of the screen with
the selected verse and then fill up the screen with the following
verses in the text. The 1 VERSE mode will only display the
selected verse at the top of the screen. Try using the system
both ways and select the one which you like the best. To change
from one mode to the other all that is required is to press the 7
key. The system will immediately re-display the option showing
that you have changed to the other mode. The word SCREEN
indicates full screen mode and VERSE indicates single verse mode.

8 - DISPLAY NAMES OF INDEXES

When you want to see what indexes have been saved, this option
should be used. This option will display all of the index names
on the disk currently in DRIVE 0. To initiate the display of the
index names press the 8 key. The system will immediately display
the index names on the disk. When all index names have been
shown the system will re-display the options on the screen.

To return to the main menu you may press the * key at any time.

The contents of the control options are retained by the system
if you terminate the session with the "Q" key on the main menu.
Therefore, if you make changes to the control options be sure to
terminate the session with the "Q" key and the new options will
be used in following sessions.

APPENDIX A

BOOK NAME ABBREVIATIONS

The following abbreviations are used to edit input and label
output:

GEN - GENESIS	NAH - NAHUM
EXO - EXODUS	HAB - HABAKKUK
LEV - LEVITICUS	ZEP - ZEPHANIAH
NUM - NUMBERS	HAG - HAGGAI
DEU - DEUTERONOMY	ZEC - ZECHARIAH
JOS - JOSHUA	MAL - MALACHI
JDG - JUDGES	MAT - MATTHEW
RTH - RUTH	MAR - MARK
1SA - 1 SAMUEL	LUK - LUKE
2SA - 2 SAMUEL	JOH - JOHN
1KI - 1 KINGS	ACT - ACTS
2KI - 2 KINGS	ROM - ROMANS
1CH - 1 CHRONICLES	1CO - 1 CORINTHIANS
2CH - 2 CHRONICLES	2CO - 2 CORINTHIANS
EZR - EZRA	GAL - GALATIANS
NEH - NEHEMIAH	EPH - EPHESIANS
EST - ESTHER	PHI - PHILIPPIANS
JOB - JOB	COL - COLOSSIANS
PSA - PSALMS	1TH - 1 THESSALONIANS
PRO - PROVERBS	2TH - 2 THESSALONIANS
ECC - ECCLESIASTES	1TI - 1 TIMOTHY
SON - SONG OF SOLOMON	2TI - 2 TIMOTHY
ISA - ISAIAH	TIT - TITUS
JER - JEREMIAH	PHM - PHILEMON
LAM - LAMENTATIONS	HEB - HEBREWS
EZE - EZEKIEL	JAM - JAMES
DAN - DANIEL	1PE - 1 PETER
HOS - HOSEA	2PE - 2 PETER
JOE - JOEL	1JO - 1 JOHN
AMO - AMOS	2JO - 2 JOHN
OBA - OBADIAH	3JO - 3 JOHN
JON - JONAH	JUD - JUDE
MIC - MICAH	REV - REVELATION

APPENDIX B   TAILORING THE PROGRAMS

You can make some changes to alter THE WORD processor to your own
needs. Modifications create the risk of damaging the code, so
never modify the original disks. Always work with copies of the
originals. The following suggestions are typical of areas you
may wish to modify:

If your printer is different:

On THE WORD processor program disk there is a BASIC program
called "TWP/TWP". Line 16300 is called each time the printer is
activated. If you wish to set special codes, you may want to add
lines between 16300-16310.

If you want to supplement HELP instructions:

Special information of your own can be added to the HELP
instructions. First load the BASIC program called HELP/TWP into
memory and list a copy on your printer. Lines 40001-41325
contain the text of all messages.

If you want to change the abbreviations for book names:

The table on lines 30500-30550 in the TWP/TWP program is used to
edit input. The binary table, BOOKS/TWP, on the program disk
contains abbreviations used for labeling output. This table is
198 bytes long and contains 3 bytes each for the 66 books. Use
the LOAD command to load the table into memory location CACB,
alter the values in memory, and use the DUMP command to restore
the modified table back on the program disk.
=>DUMP BOOKS/TWP (START=0CACB,END=0CB90)

If you want a different escape code:

Line 30400 of the TWP/TWP program defines the valid input
options. Values 1-10 define the options on the main menu.
Values 11-17 define the text display options. Values 21-28
define the index display options. Value 19 is an asterisk (*)
and can be replaced by any character you want considered as an
escape code.

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APPENDIX C   CONTENTS OF DISKS

DISK #	CONTENTS				
1	GEN	1:1	–	GEN	50:26
	EXO	1:1	–	EXO	32:22
2	EXO	32:23	–	EXO	40:38
	LEV	1:1	–	LEV	27:34
	NUM	1:1	–	NUM	36:8
3	NUM	36:9	–	NUM	36:13
	DEU	1:1	–	DEU	34:12
	JOS	1:1	–	JOS	24:33
	JDG	1:1	–	JDG	20:30
4	JDG	20:31	–	JDG	21:25
	RTH	1:1	–	RTH	4:22
	1SA	1:1	–	1SA	31:13
	2SA	1:1	–	2SA	24:25
	1KI	1:1	–	1KI	13:6
5	1KI	13:7	–	1KI	22:52
	2KI	1:1	–	2KI	25:30
	1CH	1:1	–	1CH	29:30
	2CH	1:1	–	2CH	12:8
6	2CH	12:9	–	2CH	36:23
	EZR	1:1	–	EZR	10:44
	NEH	1:1	–	NEH	13:31
	EST	1:1	–	EST	10:3
	JOB	1:1	–	JOB	42:17
	PSA	1:1	–	PSA	3:7
7	PSA	3:8	–	PSA	150:6
	PRO	1:1	–	PRO	31:31
	ECC	1:1	–	ECC	7:11
8	ECC	7:12	–	ECC	12:14
	SON	1:1	–	SON	8:14
	ISA	1:1	–	ISA	66:24
	JER	1:1	–	JER	28:14
9	JER	28:15	–	JER	52:34
	LAM	1:1	–	LAM	5:22
	EZE	1:1	–	EZE	48:18

DISK #	CONTENTS				
10	EZE	48:19	–	EZE	48:35
	DAN	1:1	–	DAN	12:13
	HOS	1:1	–	HOS	14:9
	JOE	1:1	–	JOE	3:21
	AMO	1:1	–	AMO	9:15
	OBA	1:1	–	OBA	1:21
	JON	1:1	–	JON	4:11
	MIC	1:1	–	MIC	7:20
	NAH	1:1	–	NAH	3:19
	HAB	1:1	–	HAB	3:19
	ZEP	1:1	–	ZEP	3:20
	HAG	1:1	–	HAG	2:23
	ZEC	1:1	–	ZEC	14:21
	MAL	1:1	–	MAL	4:6
11	MAT	1:1	–	MAT	28:20
	MAR	1:1	–	MAR	16:20
	LUK	1:1	–	LUK	22:65
12	LUK	22:66	–	LUK	24:53
	JOH	1:1	–	JOH	21:25
	ACT	1:1	–	ACT	28:31
	ROM	1:1	–	ROM	16:27
	1CO	1:1	–	1CO	14:24
13	1CO	14:25	–	1CO	16:24
	2CO	1:1	–	2CO	13:14
	GAL	1:1	–	GAL	6:18
	EPH	1:1	–	EPH	6:24
	PHI	1:1	–	PHI	4:23
	COL	1:1	–	COL	4:18
	1TH	1:1	–	1TH	5:28
	2TH	1:1	–	2TH	3:18
	1TI	1:1	–	1TI	6:21
	2TI	1:1	–	2TI	4:22
	TIT	1:1	–	TIT	3:15
	PHM	1:1	–	PHM	1:25
	HEB	1:1	–	HEB	13:25
	JAM	1:1	–	JAM	5:20
	1PE	1:1	–	1PE	5:14
	2PE	1:1	–	2PE	3:18
	1JO	1:1	–	1JO	5:21
	2JO	1:1	–	2JO	1:13
	3JO	1:1	–	3JO	1:14
	JUD	1:1	–	JUD	1:25
	REV	1:1	–	REV	22:21

GENERAL INDEX

Subject	Where found
Asterisk (*)	3
Book names	Appen. A, B
BOTTOM option	15, 23
Combination	26
Control options	4, 6, 28
Copyright	1
Create index	8, 21
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CONVERSION OF THE WORD processor
From TRS80-Model III under TRSDOS   1.3
To   TRS80-Model I   under NEWDOS80 2.0
With Double-Density Drives

A. To convert the program disk:
   1. Create a new double-density copy of your NEWDOS system disk.
   2. Delete all files not used during execution of a program. Keep
   only the system files and BASIC/CMD.
   3. If the PDRIVE parameters for Drive 4 are not identical to
   those listed below, use the PDRIVE command to change them to:
   PDRIVE,0,4,TI=CM,TD=E,TC=40,SPT=18,TSR=3,GPL=6,DDSL=17,DDGA=2,A
   4. Enter the command: COPY,0,1,,NFMT,CBF,SPDN=4
   Place the original system disk for THE WORD processor in Drive 0.
   Press the ENTER key. When copy is complete, place the new NEWDOS
   system disk in Drive 0 and press the ENTER key.
   5. Enter the commands:
        BASIC
        LOAD "TWP/TWP"
        8960 CMD"DIR,0"
        16310 IF PEEK(&H37E8)=63 THEN 16395
        30003 CMD"BREAK,N"
        SAVE "TWP/TWP"
        CMD"S"
   6. Label the new disk with NEWDOS/TWP.

B. To convert the text disks:
   1. Place a NEWDOS system disk in Drive 0.
   2. Use the PDRIVE command to set the parameters for Drive 1.
        PDRIVE,0,1,TD=E,TC=35,SPT=18,TSR=3,GPL=2,DDSL=17,DDGA=2,A
   3. Check the PDRIVE parameters on Drive 4 as above in step A.3.
   4. Place a blank disk in Drive 1 and enter the command: FORMAT,1
   5. Enter the command: COPY,0,1,,NFMT,CBF,SPDN=4
   Place the original text disk in Drive 0 and press the ENTER key.
   When the text has been copied to the blank disk in Drive 1, place
   the NEWDOS system disk in Drive 0 and press the ENTER key.
   6. Label the new text disk. Repeat steps 4 and 5 for each text
   disk.

C. For further assistance, read the NEWDOS80 2.0 Manual, page 13-35.
To use THE WORD processor under NEWDOS, place the new NEWDOS/TWP
program disk in Drive 0 and enter the command: DO STARTNWD/TWP

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