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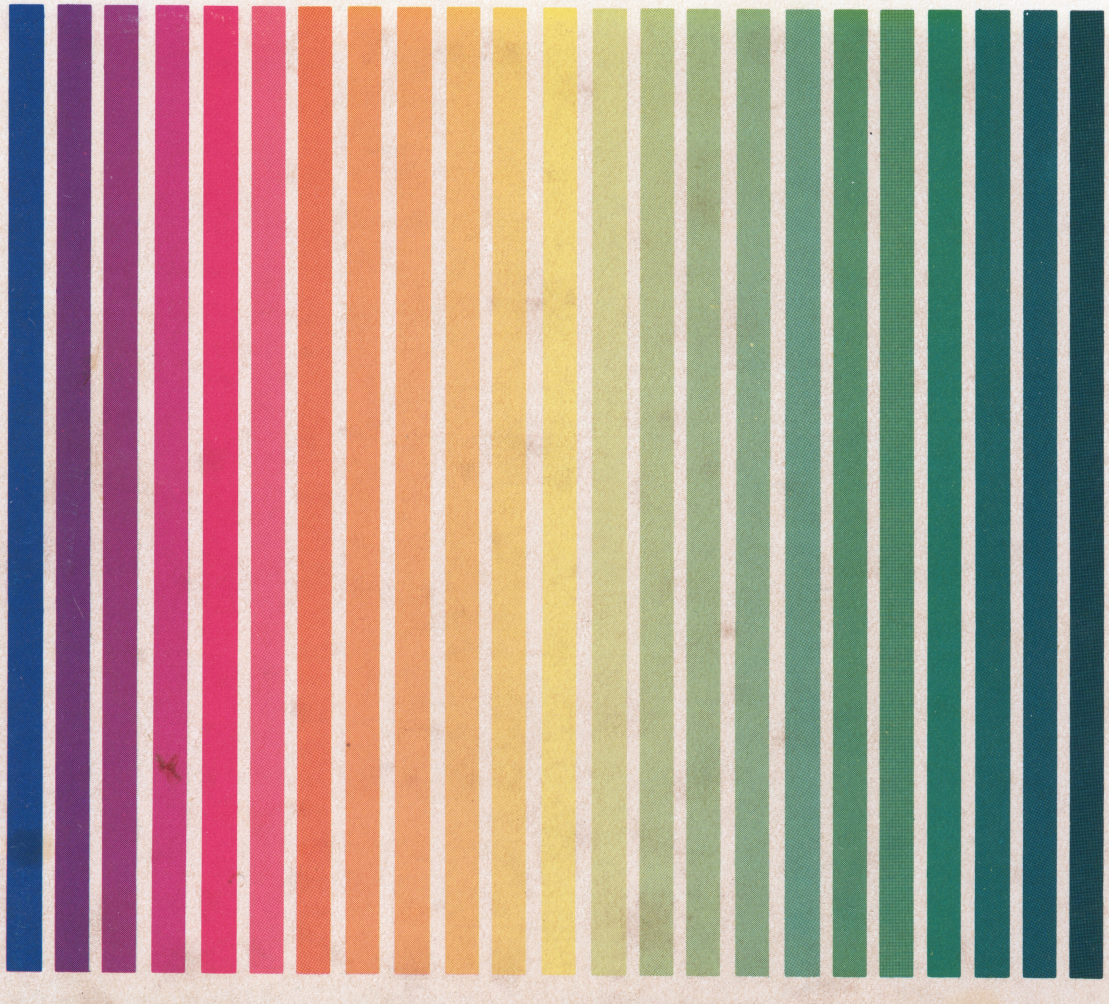

Greg L. Thrush

STOCK MANAGEMENT, REV1.1

Organize stock transaction receipts and print reports

Diskette: 32K (APX-20147)

User-Written Software for ATARI Home Computers

Greg L. Thrush

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Organize stock transaction receipts and print reports

Diskette: 32K (APX-20147)

STOCK MANAGEMENT

by

Greg L. Thrush

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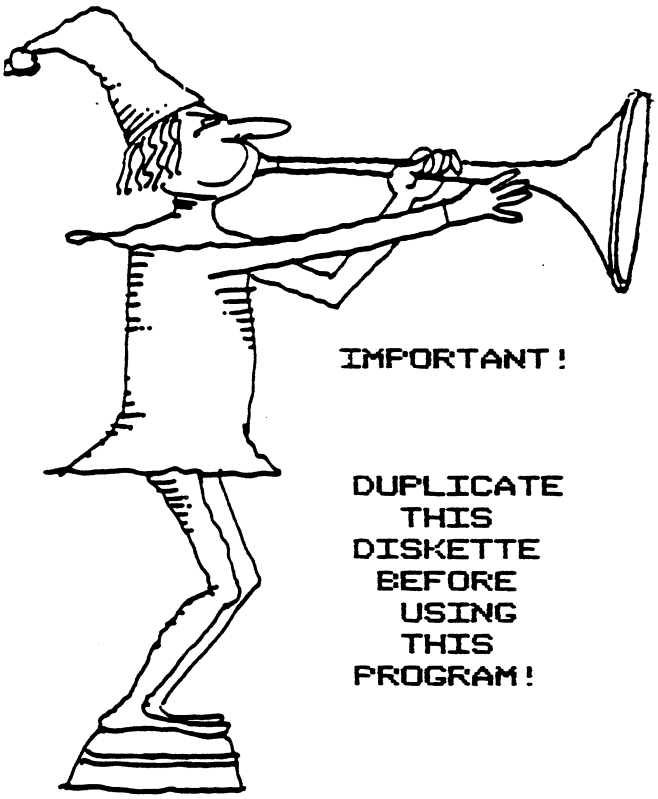

This APX diskette is unnotched to protect the software against accidental erasure. However, this protection also prevents a program from storing information on the diskette. The program you've purchased involves storing information. Therefore, before you can use the program, you must duplicate the contents of the diskette onto a notched diskette that doesn't have a write-protect tab covering the notch.

To duplicate the diskette, call the Disk Operating System (DOS) menu and select option J, Duplicate Disk. You can use this option with a single disk drive by manually swapping source (the APX diskette) and destination (a notched diskette) until the duplication process is complete. You can also use this option with multiple disk drive systems by inserting source and destination diskettes in two separate drives and letting the duplication process proceed automatically. (Note. This option copies sector by sector. Therefore, when the duplication is complete, any files previously stored on the destination diskette will have been destroyed.)

CONTENTS

INTRODUCTION

Overview __ 1
Required accessories __ 1
Optional accessories __ 1
Contacting the author __ 1

GETTING STARTED

Loading STOCK MANAGEMENT into computer memory __ 2
The first display screen __ 2
Entering information __ 3
Special terms or notations __ 3
Using and then erasing the sample files __ 3

USING STOCK MANAGEMENT

Selection 1: Enter new transactions __ 4
Selection 2: Correct existing transactions __ 6
    Correcting entries __ 6
    Erasing entries __ 7
Selection 3: Listing of all transactions __ 8
Selection 4: Current status of holdings __ 9
Selection 5: The profit/loss on a given stock __ 10
Selection 6: Profit/loss in given year __ 12

PROGRAM LIMITATIONS

Increasing the maximum number of transactions __ 13

INTRODUCTION

OVERVIEW

With STOCK MANAGEMENT, you can record the information from your stock trade confirmation receipts once and the program then takes care of all your record-keeping chores and also performs a variety of analyses. STOCK MANAGEMENT is ideal for serious traders looking for an efficient way to monitor their transactions.

A series of easy-to-follow menus and prompts guide you through entering and updating information for these transactions: buy, sell, dividends, stock dividends, stock splits, and nontaxable distributions. The program can maintain as many as 150 transactions, including 100 different stocks with 30 listings of the same stock. A system with 40K of computer memory can handle 300 transactions. For each transaction, you record the stock, its symbol, the transaction type and date, the exchange, and the price/dividend, quantity, and commission or other expense involved. The program automatically updates your file whenever you add new or revised information, and you can then display or print several kinds of reports. For example, you can request an alphabetical listing by stock of all transactions in a file; the current status of your holdings, including the current value of each stock held and the total value of all stocks held; a summary of all transactions for a specific stock, along with its equity, if currently held, or its profit or loss, if sold; and a capital gains summary of transactions in a given year.

REQUIRED ACCESSORIES

32K RAM
ATARI 810 Disk Drive
ATARI BASIC Language Cartridge

OPTIONAL ACCESSORIES

ATARI 80-Column Printer or Epson printer

CONTACTING THE AUTHOR

Users wishing to contact the author about STOCK MANAGEMENT may write him at:

3595 Cloverleaf Drive
Boulder, Colorado 80302

or call him at:

(303) 444-1514

GETTING STARTED

LOADING STOCK MANAGEMENT INTO COMPUTER MEMORY

1. Insert the ATARI BASIC Language Cartridge into the cartridge slot of your computer.

2. If you plan to print reports, turn on your printer and interface module.

3. Have your computer turned OFF.

4. Turn on your disk drive.

5. When the BUSY light goes out, open the disk drive door and insert the STOCK MANAGEMENT diskette with the label in the lower right-hand corner nearest to you. (Use disk drive 1 if you have more than one drive.)

6. Turn on your computer and your TV set. The program will load into computer memory and start automatically.

THE FIRST DISPLAY SCREEN

The first display screen contains the program title, author, and copyright notice. Then the main menu appears as follows.

```
          STOCK MANAGEMENT
-------------------------------------

1 ENTER NEW TRANSACTIONS

2 CORRECT EXISTING TRANSACTIONS

3 LISTING OF ALL TRANSACTIONS

4 CURRENT STATUS OF HOLDINGS

5 THE PROFIT/LOSS ON A GIVEN STOCK

6 PROFIT/LOSS IN GIVEN YEAR


        MAKE SELECTION DESIRED
```

To make a selection, press its corresponding number (for example, press 1 to enter a new transaction).

ENTERING INFORMATION

When you answer a question, make a menu selection, or enter information in STOCK MANAGEMENT, sometimes you need to press the RETURN key to complete your response and sometimes it isn't necessary. The program displays a prompt whenever it expects you to press RETURN.

STOCK MANAGEMENT expects you to enter all uppercase letters. The program ignores lowercase letters.

SPECIAL TERMS OR NOTATIONS

Use the following abbreviations when entering new stock information or correcting existing transactions.

BOT - Bought

SLD - Sold

DIV - Dividends

SDV - Stock Dividends

SKS - Stock Split

NDV - Nontaxable Distributions (Dividends)

USING AND THEN ERASING THE SAMPLE FILES

STOCK MANAGEMENT comes with several sample transactions so that you can become familiar with how the program works. When you're ready to enter your own transactions, you'll want to erase these sample files.

Don't erase anything on the APX program diskette. Instead, duplicate the diskette and then erase the sample files on the duplicate diskette. Erase the samples as follows:

a. Press the BREAK key to return to BASIC.

b. Type DOS to display the DOS menu.

c. Use DOS menu option G to unlock the files named STOCK.DAT and STKTOTAL .

d. Use DOS menu option D to erase these two files.

You're now ready to enter your own transactions. Turn off your computer and then turn it on again to restart STOCK MANAGEMENT.

STOCK MANAGEMENT MENU SELECTIONS

SELECTION 1: ENTER NEW TRANSACTIONS

Use this selection to record information from trade confirmation slips for each transaction. The transaction screen looks as follows:

```
ENTER THE FOLLOWING DATA IN THE
APPROPRIATE SPACE. PRESS RETURN
AFTER EACH ENTRY.
---------------------------------------
STOCK    SYMBOL     TRANSACTION    DATE
_____

EXCHG    PRICE/DIV    QUANT.    COMM/MISC
```

The program guides you through entering all the information for each transaction. A shaded rectangle (represented by an underline in the figure above) shows your current position on the screen. Each time you type in the information and press the RETURN key, the program moves the rectangle to the next piece of information and waits for your entry.

Enter your transactions chronologically, using the date on which the transaction took place. Enter the transaction type and date using the exact length indicated by the shaded rectangle. For TRANSACTION, use the three-letter transaction symbols listed on the previous page in the section titled "Special Terms or Notations." Enter the date in the form mm/dd/yy using "0" to fill spaces left by single digit numbers and pressing the space bar for each slash (/) displayed in the shaded rectangle. For example, enter January 3, 1983 as 01(space)03(space)83, which displays as 01/03/83.

EXCHG is the stock exchange you're using for the transaction (for example, use NY for the New York Stock Exchange).

PRICE/DIV is the cost of your stock or the amount of the dividends.

QUANT. is the number of shares in the transaction. When you enter dividend data, enter a "0" in the QUANT. category.

COMM/MISC is the amount you spent on consultants or incidental purchasing and selling fees. Enter "0" for QUANT. and COMM/MISC if there is no amount to be entered.

Entering numerical information. Numerical entries require you to follow three rules. First, don't use commas to separate numbers in a category, because the program won't correctly evaluate the number for calculations. For example, enter two thousand as 2000 , not as 2,000 . Second, enter fractional numbers in decimal form. For example, enter 3/4 as .75 . Third, whenever a numerical category has no real entry, put a "0" in that category. For numerical entries, the program recognizes only numbers; it ignores any other characters, such as the dollar sign.

To illustrate how a completed entry would look, suppose you buy 2,000 shares of Tech-Syn (whose symbol is TSY) Over the Counter at $1.50 per share on September 16, 1982, with a

commission of $50, the complete entry would look like this:

```
ENTER THE FOLLOWING DATA IN THE
APPROPRIATE SPACE. PRESS RETURN
AFTER EACH ENTRY.
-------------------------------------

 STOCK    SYMBOL     TRANSACTION    DATE
TECH-SYN    TSY          BOT        09/16/82

 EXCHG    PRICE/DIV    QUANT.    COMM/MISC
  OTC       1.50        2000         50
```

Stock splits. To record a stock split, enter the ratio of the split in decimal form under PRICE/DIV and the current total quantity of shares under QUANT. Enter information in the other categories in the standard way.

After you enter all the information, a prompt asks for verification:

```
IS DATA ENTRY COMPLETE (Y or N)?
```

If you want to correct your entry, press "N". Then press the RETURN key until the ">" cursor is next to the information you want to change. Make the correction and move the cursor to the end of the entry by pressing the RETURN key. STOCK MANAGEMENT records your changes and repeats the prompt asking for verification.

If the transaction is correct, press "Y". The program saves your entry, records the changes, and asks whether you want to record another transaction:

```
WOULD YOU LIKE TO MAKE ANOTHER ENTRY?
(Y, N, or (C FOR A CORRECTION)
```

If you've finished entering transactions, press "N"; the program returns you to the main menu.

If you want to make another entry, press "Y" and repeat the steps to record another transaction.

If you want to correct an entry, press "C". Enter the information to correct the transaction as you do under Section 2.

When you indicate you're finished making entries, the program displays a message telling you it's storing your entries:

```
ENTERING DATA
PLEASE STANDBY
```

After storing your transactions, the program figures totals on all your currently held stocks and creates a file with this information. It then returns you to the menu.

SELECTION 2: CORRECT EXISTING TRANSACTIONS

Choose this selection to modify or erase entries. The correction screen looks like this:

```
ENTER THE SYMBOL OF THE STOCK TO BE
CORRECTED AND PRESS RETURN.
------------>          <------------

  STOCK    SYMBOL    TRANSACTION    DATE

 EXCHG    PRICE/DIV    QUANT.    COMM/MISC
```

First, you indicate the stock transaction you want to update or erase by entering the stock's symbol. Type the symbol exactly as you entered it when you created the transaction entry under selection 1 (Enter new transactions). The program then requests verification:

```
IS THIS THE TRANSACTION?
```

If the entry isn't the one you want for that stock, press the RETURN key. The program displays each transaction for that stock until you verify by pressing "Y" that the entry shown is what you want.

Note. If the stock isn't listed on your diskette or if the program has displayed all the transactions for your specified stock, the following prompt appears:

```
LISTING NOT FOUND PLEASE VERIFY
LIKE TO MAKE ANOTHER CORRECTION?
(Y, N, (M FOR NEW ENTRY) or
(D TO DELETE BLANKED TRANSACTION)
```

If you need to verify the symbol, press "N" to return to the main menu and use selection 3 (Listing of all transactions).

Correcting entries

The program then guides you through correcting the entry:

```
ENTER CORRECTION IN APPROPRIATE
SPACE.  PRESS RETURN IF NO CORRECTION
AND AFTER EACH CORRECTION.
```

Each press of the RETURN key moves the ">" cursor from one piece of information to the next. After typing the necessary corrections, move the cursor to the final piece of information and press the RETURN key.

Entering numerical information. Numerical entries require you to follow three rules. First, don't use commas to separate numbers in a category, because the program won't correctly evaluate the number for calculations. For example, enter two thousand as 2000 , not as 2,000 . Second, enter fractional numbers in decimal form. For example, enter 3/4 as .75 . Third, whenever a numerical category has no real entry, put a "0" in that category.

The program then asks whether you want to make further corrections:

```
LIKE TO MAKE ANOTHER CORRECTION?
Y, N, (M FOR NEW ENTRY) or
(D TO DELETE BLANKED TRANSACTION)
```

To correct another transaction, press "Y" and repeat the steps just described.

You can also remain in selection 2 and make new entries by pressing "M" and entering the information for the transaction as you do under selection 1.

If you've completed your entries, press "N" to return to the main menu. The program records your changes, reloads all your current files and redisplays the menu.

Erasing entries

If you want to erase a transaction, when the following message displays above the transaction entry:

```
ENTER CORRECTION IN APPROPRIATE
SPACE.  PRESS RETURN IF NO CORRECTION
AND AFTER EACH CORRECTION.
```

position the ">" cursor next to the symbol, press the space bar to erase the symbol, and then press the RETURN key repeatedly to move the cursor to the end of the entry. Then, when the following message displays:

```
LIKE TO MAKE ANOTHER CORRECTION?
Y, N, (M FOR NEW ENTRY) or
(D TO DELETE BLANKED TRANSACTION)
```

press "D" to indicate you want to delete the transaction for which you just "blanked" out the stock symbol. The program displays a message that it is deleting the transaction from the diskette file and then redisplays the prompt for making another correction. You won't be able to use this record in any other menu selection.

SELECTION 3: LISTING OF ALL TRANSACTIONS

Use this selection to display all transactions in alphabetical order by stock symbol. Any symbol starting with a numeral appears before the alphabetical listing. To start or stop the listing at any time, press CTRL-1.

A partial transaction list looks as follows.

TRANSACTION LIST

STOCK	SYM	TRAN	DATE	EXC	PRICE	QTY
2 CHIPOLA	CHOC	BOT	01/07/82	OTC	.05	10000
2 CHIPOLA	CHOC	SLD	06/11/82	OTC	.09	10000
AFRONTIER	AFEX	BOT	08/14/79	OTC	2.00	1000
AFRONTIER	AFEX	SLD	12/18/80	OTC	6.4375	400
AM ISRAEL	AIPM	BOT	01/28/80	AEX	2.5	400
AM ISRAEL	AIPM	SKS	05/12/80	AEX	1.25	400
AM ISRAEL	AIPM	SLD	12/03/80	AEX	2.00	500
AM LES WR	AMCA	BOT	07/22/80	OTC	.22	2300
AM LES WR	AMCA	SLD	12/18/80	OTC	.0625	2300
AVON PRDT	AVP	BOT	08/03/82	NYE	23	100
BLACK DOM	BDEC	BOT	09/29/80	OTC	.33	5000
BLACK DOM	BDEC	SLD	12/11/82	OTC	.72	5000

After displaying the complete list, the program asks whether you want a printed copy:

WOULD YOU LIKE A PRINTED COPY?

If you don't want to print the list, press "N" in response to the printed copy prompt. Then the prompt displays to return to the main menu.

If you want a printed copy, make sure your printer and interface module are turned on and that the printer is in ONLINE mode. Then press "Y". Following the printing, the prompt displays to return you to the main menu:

PRESS ANY KEY FOR MENU.

SELECTION 4: CURRENT STATUS OF HOLDINGS

Use selection 4 to display a summary of all your currently held stocks. The program first asks you to enter the current price of each stock:

```
ENTER CURRENT PRICE
      OF
STOCKS LISTED BELOW
```

To display this summary information, you must have entered the stock price sometime during this program session; otherwise, prices display as zero. If you know that the prices in the transaction entries are current, then press the the RETURN key without entering anything and STOCK MANAGEMENT will immediately display the summary. However, if you need to adjust any of the prices, you must enter <u>all</u> the prices, one at a time as each stock name displays. To start or stop the listing at any time, press CTRL-1.

The display looks as follows.

```
        CURRENT STATUS OF HOLDINGS
-----------------------------------------
  STOCK      SYM    QTY    PRICE    VALUE

AFRONTIER  AFEX     600       20    12000
AVON PRDT  AVP      100       25    2500
CRESCENT   CRES    3000       30    90000
PACIFIC G  PCGE  82.827       18    1490.88

                                  TOTAL   105990.88
```

After displaying the complete list, the program asks whether you want a printed copy:

```
WOULD YOU LIKE A PRINTED COPY?
```

If you don't want to print the list, press "N" in response to the prompt. Then the prompt displays to return to the main menu.

If you want a printed copy, make sure your printer and interface module are turned on and that the printer is in ONLINE mode. Then press "Y". Following the printing, the prompt displays to return you to the main menu:

```
PRESS ANY KEY FOR MENU.
```

SELECTION 5: THE PROFIT/LOSS ON A GIVEN STOCK

Use selection 5 to display all the transactions for a particular stock. The program asks you to enter the symbol for the stock you want evaluated:

```
ENTER SYMBOL AS LISTED FOR TRANSACTION
DATA. PRESS RETURN AFTER EACH ENTRY
-----------------------------------
-----------------------------------

ENTER SYMBOL TO EVALUATE
```

Note. If you entered a stock symbol not listed on your diskette, the following statement appears.

```
SYMBOL NOT LISTED AS ENTERED.
PLEASE VERIFY LISTING.

LIKE TO REVIEW ANOTHER SELECTION?
```

Enter the stock symbol exactly as you entered in when you created the transaction entry under selection 1 (Enter new transactions).

After you enter the stock name and press the **RETURN** key, a prompt requests the stock's current price:

```
ENTER CURRENT PRICE
```

After typing the price and pressing the **RETURN** key, a prompt displays for the current date:

```
ENTER THE CURRENT DATE
```

Enter the current date in the form mm/dd/yy, pressing the space bar for each "/" mark displayed on the screen. The program then displays the stock evaluation report, which looks as follows:

```
                STOCK EVALUATION
          2 CHIPOLA  (CHOC)        09/14/82


TRANS  QTY     PRICE      DATE     CHGS
---------------------------------------

 BOT   10000    .05      01/07/82  4.50
 SLD   10000    .09      06/11/82  .5


 DATE       DATE    TOTAL  SALES  PROFIT
 BOUGHT     SOLD    COST   PRICE  (LOSS)
---------------------------------------

01/07/82 06/11/82    505    900   395
```

After completing the report display, the program asks whether you want a printed copy:

WOULD YOU LIKE A PRINTED COPY?

If you don't want to print the report, press "N" in response to the prompt. Then STOCK MANAGEMENT asks whether you want to look at another stock evaluation or return to the main menu.

If you want a printed copy, make sure your printer and interface module are turned on, and the printer is in ONLINE mode. Then press "Y". After the printing, you can choose to look at another stock evaluation or return to the main menu:

LIKE TO REVIEW ANOTHER SELECTION?

Press "Y" to enter the information for displaying another stock evaluation. Or, press "N" to return to the main menu.

SELECTION 6: PROFIT/LOSS IN GIVEN YEAR

Use this selection to review all the transactions for a particular year. First indicate the year you want to display. The prompt is:

ENTER YEAR TO REVIEW?

Enter just the last two digits of the year (for example, 80 for 1980) and press the RETURN key. The program then asks whether you want to print the report:

WOULD YOU LIKE A PRINTED COPY?

Press "Y" to display the transactions along with a printed copy or press "N" just to display the transactions. The listing looks as follows:

TRANSACTIONS COMPLETED IN 80

STOCK	SYMBOL	DATE BOUGHT	DATE SOLD	TOTAL COST	SALES PRICE	PROFIT (LOSS)	SHORT OR LONG
AFRONTIER	AFEX	08/14/79	12/18/80	800.8	2575	1774.2	L
AM ISRAEL	AIPM	01/28/80	12/03/80				
AM ISRAEL	AIPM	05/12/80	12/03/80	1137.68	1000	(137.68)	S
AM LES WR	AMCA	07/22/80	12/18/80	542.99	143.75	(399.25)	S
CRESCENT	CRES	06/23/80	09/29/80	507.5	1562.5	1055	S
SUNRISE C	SUNR	07/22/80	11/24/80				
SUNRISE C	SUNR	10/23/80	11/24/80	3370.5	10667.5	7297	S
ZOE PRDCT	ZOPR	07/08/80	12/10/80				
ZOE PRDCT	ZOPR	08/20/80	12/10/80	757	2250	1493	S

SHORT TERM	$9308.07
LONG TERM	$1774.2

Following the list, the prompt displays for returning to the main menu:

PRESS ANY KEY FOR MENU

PROGRAM LIMITATIONS

INCREASING THE MAXIMUM NUMBER OF TRANSACTIONS

If you have at least 40K of memory you can increase the maximum transactions held to 300. Load file STOCKAN2.SAV into memory using the command

```
LOAD "D:STOCKAN2.SAV
```

Now list line number 19 (using the command LIST 19). Then change string dimension S$ (6600) to S$(13200), and save STOCKAN2.SAV back to diskette using the command

```
SAVE "D:STOCKAN2.SAV
```

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You void this warranty if the APX product: (1) has been misused or shows signs of excessive wear; (2) has been damaged by use with non-ATARI Home Computer products; or (3) has been serviced or modified by anyone other than an Authorized ATARI Computer Service Center. Incidental and consequential damages are not covered by this warranty or by any implied warranty. Some states don't allow exclusion of incidental or consequential damages, so this exclusion might not apply to you.

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For the complete list of current APX programs, ask your ATARI retailer for the APX Product Catalog

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Review Form

We're interested in your experiences with APX programs and documentation, both favorable and unfavorable. Many of our authors are eager to improve their programs if they know what you want. And, of course, we want to know about any bugs that slipped by us, so that the author can fix them. We also want to know whether our instructions are meeting your needs. You are our best source for suggesting improvements! Please help us by taking a moment to fill in this review sheet. Fold the sheet in thirds and seal it so that the address on the bottom of the back becomes the envelope front. Thank you for helping us!

1. Name and APX number of program.

2. If you have problems using the program, please describe them here.

3. What do you especially like about this program?

4. What do you think the program's weaknesses are?

5. How can the catalog description be more accurate or comprehensive?

6. On a scale of 1 to 10, 1 being "poor" and 10 being "excellent", please rate the following aspects of this program:

_____ Easy to use
_____ User-oriented (e.g., menus, prompts, clear language)
_____ Enjoyable
_____ Self-instructive
_____ Useful (non-game programs)
_____ Imaginative graphics and sound

7. Describe any technical errors you found in the user instructions (please give page numbers).

8. What did you especially like about the user instructions?

9. What revisions or additions would improve these instructions?

10. On a scale of 1 to 10, 1 representing "poor" and 10 representing "excellent", how would you rate the user instructions and why?

11. Other comments about the program or user instructions:

From

STAMP

ATARI Program Exchange
P.O. Box 3705
Santa Clara, CA 95055

[seal here]