



## T &amp; D SUBSCRIPTION SOFTWARE

| File Name | English Name        | PMODE | PCLEAR | LOCATIONS   |            |
|-----------|---------------------|-------|--------|-------------|------------|
|           |                     |       |        | CTR-80A     | CCR-81     |
| INTRO     | Introduction        | 0     | 1      | 10-156-279  | 4-97-214   |
| HINTS     | Hints for your Coco | 0     | 1      | 39-179-298  | 20-116-237 |
| ESCAPE    | Escape Adventure    | 0     | 1      | 73-205-320  | 39-138-265 |
| SEEKERS   | Seekers             | 3     | 4      | 90-220-333  | 50-152-282 |
| MASBRAIN  | Master Brain        | 0     | 1      | 104-233-343 | 59-165-297 |
| LISTCTRL  | List Controller     | 0     | 1      | 123-249-356 | 72-182-317 |
| DISKCERT  | Diskette Certifier  | 0     | 1      | 128-254-359 | 76-187-322 |
| ROMCOPY   | Rom Copy            | 0     | 1      | 135-261-364 | 81-194-329 |
| BASICRAM  | Basic Ram           | 0     | 1      | 142-267-368 | 87-201-335 |
| SANFUS    | Snafus              | 4     | 4      | 148-271-372 | 90-206-342 |

If, while loading or running a program, you get a PC, DM, or SN error, you probably have to enter the PMODE and PCLEAR values for the program from the keyboard. The label on the tape also contains the PMODE and PCLEAR values. Locations for the programs are set for the Radio Shack CTR-80. Your locations may vary slightly. We try to put as many duplicates of the programs on tape as possible. If the first copy does not load, try the second copy, or if it has one, the third. If all three do not load, then send it back for prompt replacement.

Welcome to the 20th issue of T & D Software. This month our first program called 'Intro' is a program designed to help a new or old subscriber in loading and running our programs. It also has some other features which might be of interest. This program will appear first every month but will not count as one of the ten programs. Before loading the first program, 16K users must enter PMODE0: PCLEAR1.

1. INTRODUCTION - This program contains various options such as our disclaimer, loading instructions, a section about PMODES and PCLEARs, help with six common errors, submission information, price information and chatter. Please send in your chatter!
2. HINTS FOR YOUR COCO - This program consists of a lot of helpful hints for your Coco that you might have heard of before but probably have forgotten. You can control the speed of the lists of hints with the use of your right joystick. Note: If you do not turn the computer off and on, the text on the following programs can also be controlled by the right joystick.
3. ESCAPE ADVENTURE - Use two or one word commands as you try to reach the surface in this adventure game. Beware! Things aren't always as they seem. Note: Before running the next program, enter PCLEAR4.

4. SEEKERS - As a seeker you search thru the debris of battle for 36 life pods. When they appear in your range, you must fire a power beam to the pod. If successful, the pod powers up and rockets off only to reappear in the ships bay. There are 3 rounds of play with 12 pods each. Before loading the next program, 16k users should enter PMODED:PCLEAR1.

5. MASTER BRAIN - You have nine chances to decipher a color code the computer has randomly chosen. Use the up and down arrow keys and the space bar to pick the first four colors. Then hit enter. A white color peg on the top shows that you have guessed a right color but it is in the wrong spot. A blue color peg shows that you have guessed a right color in the right spot.

6. LIST CONTROLLER - This is a basic program which pokes a machine language routine in high memory. The machine language routine will help you control the list command in basic. When you type in list, use the down arrow to advance the listing one line at a time. Pressing the number keys will list the next number of lines. For example, pressing 9 will list the next 9 lines. Note: The next four programs are machine language programs. You must enter 'CLOADM' instead of CLOAD, and 'EXEC' instead of RUN.

7. DISKETTE CERTIFIER - Use this machine language utility program to certify bargain buy diskettes. Simply insert the disk to be tested into drive zero when prompted. Warning: This program should only be used on a formatted diskette that does not contain data. To save this program, enter (C)SAVEM 'DISKCERT',13000,14396,13000.

8. ROMCOPY - This utility and the next will allow 64K users to put most rompacks on disk or tape. To make a tape version, do the following, 1. Disable the rompack by a) Entering POKE 65315, 54 or b) Place the rompack on its top side with the pins pointing to the left. Cover the fourth stud from the bottom (looks like first stud) with tape. 2. Insert rompack, turn on computer if using step 'b' above. 3. CLOADM "ROMCOPY". 4. EXEC 5. CSAVEM 'filename',11000,20000,11000. The tape is now finished. If you wish to put the rompack on disk, follow steps 1-3 above and then do the following, 6. Turn off computer, insert disk controller. 7. Turn on computer. 8. SAVEM 'filename',11000,20000,11000. Romcopy can be saved by entering (C)SAVEM 'ROMCOPY',10000,11030,10000.

9. BASIC RAM - This utility is used to copy the basic Rom in the otherwise unused upper 32K in a 64K system. When you want to load and execute the rompack copy that you made with the program above, enter the following, 1. PMODED:PCLEAR1. 2. Clear 200,5999. 3. (C)LOADM 'BASICRAM'. 4. EXEC. 5. CLOADM 'filename' - made with program #8. 6. EXEC. Basic Ram can be saved by entering (C)CLOADM 'BASICRAM',6000,6040,6000. Note: Remember not all rompacks will work with this method.

10. SNAFUS - Snafus is a one or two player game in which you complete for space and points with your opponent or the computer. The winner of the round doubles his points of that round. Pressing the "break key" will allow you to change skill levels. When you play the computer, it takes over the left side. You may change the number of men by POKE 7682,MEN. You may force a different screen by poking values 248,240,232,224 in to location 7311. This will change the PMODE value. To save a copy of Snafus, you must enter this line - POKE 7391,26:POKE 7392,255:(C) SAVEM 'SNAFUS',7172,9763,7390.

Until next month.....