



# UPDATE

## INDEX

### PRODUCT AVAILABILITY INFORMATION

Education .....	5
Express Order Software.....	9
EOS Educational Software.....	10
Color Computer.....	3
Tandy 200/Model 100.....	3
Models 4/III.....	3
Tandy 6000/Models 16/12/II.....	3
Tandy 1000 .....	3
Tandy 2000 .....	4
Peripherals and Supplies.....	3
Networks.....	4

### 700-SERIES AVAILABILITY INFORMATION

Models 4/III.....	5
Models 16/12/II.....	5
Tandy 2000 .....	5
Tandy 6000 .....	5

### GENERAL INTEREST

MicroPro Special Interest Group on CompuServe.....	11
Multiplan - Using Average and Sort Functions.....	12

### EDUCATION

Part 4: TRSDOS.....	6
---------------------	---

### EXPRESS ORDER SOFTWARE

Express Order Software Availability.....	7
Express Order Software Demo Disks.....	8
Express Order Software Warranty Policy.....	7
Great Plains Software - Underlined Printouts.....	8

### TANDY 200/MODEL 100

Tandy 200 - Multiplan Worksheet Problem.....	12
--	----

### MODELS 4/III

New Model 4/4P Technical Reference Manual.....	13
Profile 4 Plus - With the "LS-Utility Disk".....	13

### TANDY 6000/MODELS 16/12/II

Model 16 Payroll - Control File Maintenance.....	14
Tandy 6000 Upgrade.....	2
SCRIPSIT 2.1 and 3.0 - Merging Documents.....	13
Xenix - Calculating Blocks.....	13

### TANDY 2000/1200 HD/1000

Home Accountant Plus - With Daisy Wheel II & Line Printers.....	15
Softerm 2000 - With DC-2212 Modem.....	15
Tandy 1000 - Software Generated Screen Dump.....	14
Tandy 1200 HD Software - Assigning Drives.....	14
Wordstar - Changing Printers With Spell Checker Installed.....	15

## PRODUCT NEWS

The following information is provided by Technical Support,  
Computer Customer Service, and Computer Merchandising.

### TANDY 6000 (26-6021 & 26-6022) UPGRADE

The following chart lists items required for all Multi-User upgrades.

FROM (Xenix)	TO (Xenix)	26-6014	26-6017	700-3030	700-3031	700-3032
II (TRSDOS)	6000 (3.0)	*		*		
12 (TRSDOS)	6000 (3.0)	*	*	*		
16 (1.3.5)	16 (3.0)				*	
16 (1.3.5)	6000 (1.3.5)	*				
	Full or					
	Special price					
16 (1.3.5)	6000 (3.0)	*		*		*
	Full price					
16 (1.3.5)	6000 (3.0)	*			*	
	Special price					

NOTE: All references to Model 16 in the above chart also apply to any Model II or Model 12 that have been upgraded to a Model 16 using 26-6010.

#### 26-6014 Tandy 6000 Upgrade

Upgrades II/12/16 to a Tandy 6000 CPU and memory card. The upgrade requires installation and can only be ordered by Repair from National Parts. When sold at full price, customer receives 700-3030 at no additional cost. Now in stock.

#### 26-6017 Model 12 Card Cage

Provides six plug-in slots for inserting Tandy 6000 Upgrade 26-6014 and hard disk interface board 26-4157 (hard disk required for Xenix). Card Cage requires installation and is ordered by Repair from National Parts.

#### 700-3030 Xenix 3.0 Core

Contains four Xenix core diskettes, an introduction to the Tandy 6000, a system administrator's guide, a user guide, and a quick reference guide. Always order a 700-3030 with every 26-6021, 26-6022, and full price 26-6014 (no charge to customer). Available from TEW now.

#### 700-3031 Xenix 01.03.05 to 3.0 Software Upgrade

Contains a 700-3030, a 700-3032, and a PAL chip. This new PAL chip (installation required) is necessary to run Xenix 3.0 on a Model 16. Retail price \$199.00\*, projected to be available from TEW June 15. (700-3031 is also sold to the customer that purchased 26-6014 at the special price.)

#### 700-3032 Xenix 01.03.05 to 3.0 Conversion Diskette

Contains one diskette and an upgrade addendum. This diskette allows a user to easily backup all non-system files on a Xenix 01.03.05 system, install Xenix 3.0, and restore files. Projected to be available from TEW June 15 (no charge to customer).

\*Suggested Retail

AVAILABILITY OF FUTURE ITEMS

This projected availability information is intended for store use only. DO NOT use these dates as promised delivery information for your customers. Future products go through several stages before final production approval, therefore, the dates shown are solely a reflection of current schedules.

CAT NO	PRODUCT	STATUS	WHS
<b>Peripherals and Supplies</b>			
26-1179	AC-4 Acoustic Coupler	In Stock	TEW
26-1244	Power Line Filter	In Stock	REG
26-4173	70 Meg Primary Hard Disk	In Stock	TEW
26-4174	70 Meg Secondary Hard Disk	In Stock	TEW
<b>Color Computer</b>			
26-3034	Pascal-09	In Stock	TEW
26-3098	Dragonfire	In Stock	REG
26-3099	Demon Attack	In Stock	REG
26-3143	Orchestra-90	In Stock	REG
26-3148	Assembly Language Tutor	08/30/85	REG
26-3248	Childpace	In Stock	TEW
26-3258	Investograph	06/30/85	TEW
26-3275	Dynacalc	In Stock	TEW
26-3293	Ghana Bwana	06/30/85	REG
<b>Model 100</b>			
26-3823	Assembler/Debugger	07/30/85	TEW
26-3839	Remote Disk	08/15/85	TEW
26-3841	Data Manager (Disk)	08/15/85	TEW
<b>Tandy 200</b>			
26-3860	Tandy 200	In Stock	REG
26-3866	Tandy 200 24K Upgrade	In Stock	NPT
26-3869	Tandy 200 Portable Computer - Book	In Stock	Repair Centers On
<b>Models 4/III</b>			
26-0315	TRSDOS 6.2 Utilities	06/15/85	TEW
26-1975	Mastering the SAT	In Stock	TEW
26-2026	Model 4 COBOL Query	06/15/85	TEW
26-2119	Model 4/4P Technical Reference Manual	In Stock	TEW
26-2232	Model 4 DMP-2100P Font Editor	07/15/85	TEW
<b>Tandy 6000/Models 16/12/II</b>			
26-4622	Docket Control	06/15/85	TEW
26-4840	DMP-2100P Font Editor	06/30/85	TEW
26-6402	TRS-Xenix Development System	07/15/85	TEW
26-6434	SCRIPSIT 16 Speller	In Stock	TEW
<b>Tandy 1000</b>			
25-1101	Kids on Keys	In Stock	TEW
25-1103	Fraction Fever	In Stock	TEW
25-1119	Homeword Speller	In Stock	TEW
25-1146	Quartet Integrated Accounting	06/15/85	TEW

(continued on the next page)

AVAILABILITY OF FUTURE ITEMS (continued)

CAT NO	PRODUCT	STATUS	WHS
<b>Tandy 1000 (continued)</b>			
25-1147	Portfolio Decision	CANCELLED	
25-1148	Finance Manager	CANCELLED	
25-1150	Videotex Plus	CANCELLED	
25-1151	DR Graph	06/30/85	TEW
25-1155	SCRIPSIT 1000	09/15/85	TEW
25-1504	Technical Reference Manual	06/30/85	TEW
FC-0213	Deskmate Version 01.01.00	WILL DROP SHIP	TEW
FC-0214	Setup for HD PFS:File/Report	06/15/85	TEW
<b>Tandy 2000</b>			
26-5143	Math Co-Processor	08/15/85	TEW
26-5164	Serial Expansion Board	06/15/85	TEW
26-5211	Financial Statements	06/15/85	TEW
26-5215	Order Entry	06/15/85	TEW
26-5216	Sales Analysis	06/15/85	TEW
26-5217	Purchase Order	06/15/85	TEW
26-5218	Payroll	06/15/85	TEW
26-5226	Precedent Legal	06/15/85	TEW
26-5227	Docket Control	06/15/85	TEW
26-5254	Lattice "C"	06/15/85	TEW
26-5262	Cleo Cluster Control	In Stock	TEW
26-5263	Micro SNA-3270	07/15/85	TEW
26-5264	Micro SNA-3770	06/15/85	TEW
26-5265	SNA/Cluster Control	06/15/85	TEW
26-5278	DR Graph	In Stock	TEW
26-5279	DR Draw	In Stock	TEW
26-5304	Symphony	07/15/85	TEW
26-5307	PFS:Graph	In Stock	TEW
26-5320	Framework	06/15/85	TEW
26-5325	Offix	06/30/85	TEW
26-5332	SCRIPSIT 2000	08/15/85	TEW
26-5334	DMP-2100P Font Editor	06/30/85	TEW
26-5353	dBase III	06/30/85	TEW *
26-5384	Millionaire	06/15/85	TEW
<b>Networks</b>			
26-1214	500 Foot Trunk Cable	In Stock	TEW
26-1215	1000 Foot Trunk Cable	In Stock	TEW
26-1216	Tap Box	In Stock	TEW
26-1217	Tap Cable	06/15/85	TEW
26-1218	100 Foot Trunk Cable	In Stock	TEW
26-1220	ViaNet for Tandy 2000	In Stock	TEW
26-1221	ViaNet for 1000/1200	In Stock	TEW
26-1222	ViaNet Administrator's Guide	In Stock	TEW
26-1223	ViaNet for Tandy 6000	07/15/85	TEW
26-1224	Network Applications Reference	In Stock	TEW

\* dBase III for the Tandy 2000 (26-5353) is not available through the warehouse yet. It appeared on your stock files due to the vendor shipping unreleased software. Expected availability date is currently 6/30/85.

AVAILABILITY OF FUTURE ITEMS (continued)

CAT NO	PRODUCT	STATUS	WHS
<b>Education</b>			
26-2616	Hall of the Mountain King	In Stock	TEW
26-2680	Intro Color BASIC	In Stock	TEW
26-2680	Intro Color BASIC Student Manual	In Stock	TEW
26-2716	Super Color LOGO Disk Version	06/15/85	TEW
26-2717	Super Color LOGO Program PAK	06/30/85	REG
26-2738	Super Color LOGO Network 2	06/15/85	TEW
26-2781	DR LOGO Model 4	06/30/85	TEW
26-2782	DR LOGO Tandy 2000	06/30/85	TEW
26-2783	DR LOGO Tandy 1000	06/30/85	TEW

700-SERIES AVAILABILITY INFORMATION

CAT NO	PRODUCT	RETAIL	STATUS
<b>Models 4/III</b>			
700-2259	Model 4 CP/M Plus Upgrade	N/C	06/15/85
700-3214	Model 4 128K Multiplan	\$ 25.00	In Stock
700-6206	Source Code Mod 4 G/L	\$199.95	06/15/85
700-6207	Source Code Mod 4 A/P	\$199.95	06/15/85
700-6208	Source Code Mod 4 A/R	\$199.95	06/15/85
700-6209	Source Code Mod 4 Payroll	\$199.95	06/15/85
700-6211	Upgrade Pro III+ - Profile 4	\$100.00	06/15/85
<b>Model 16/12/II</b>			
700-2084	ReFORMATTER Version 02.00.00	N/C	07/15/85
700-2085	Xenix Console 16	N/C	In Stock
700-2088	MOS 26-4508 Version 02.01.00	N/C	In Stock
700-2091	Model II Docket Control Diskettes	N/C	06/15/85
700-2092	Model 12/II Precedent Version 01.02.00	N/C	06/15/85
700-2093	Profile 16 26-6412 Version 01.01.00	N/C	In Stock
700-2095	Profile Plus 26-4515 Version 01.02.00	N/C	06/15/85
700-3019	SCRIPTSIT 16 26-6431 Version 01.01.00	N/C	In Stock
700-3031	Upgrade to Xenix 3.0 Operating System	\$199.00	06/15/85
700-3034	Upgrade to Xenix 3.0 Development System	\$249.00	07/30/85
700-5059	Source code Mfg ICS 16 26-6309	\$850.00	06/15/85
<b>Tandy 2000</b>			
700-2601	Multimate 26-5330 Version 03.30.00 with Dict.	N/C	07/30/85

## EDUCATION

---

### PART 4: TRSDOS (26-2156)

This complete teaching package in a proven structured learning format includes transparencies, notes, and 25 student manuals. Ten lessons explain the features and capabilities of TRSDOS, the disk operating system. Each lesson includes a quiz and a hands-on activity to complete using a Model III or Model 4 disk system. List price is \$299.00\*. Additional student manuals (26-2157) are available at \$4.50\*each. Part 4: TRSDOS consists of the following chapters:

- Lesson 1: Introduction to the Disk Operating System**  
Lesson 1 provides a detailed introduction to the components of the disk operating system. Students learn how to start the system, backup and format diskettes, convert programs, call Disk BASIC, and power down the system.
- Lesson 2: Introduction to TRSDOS Commands**  
Lesson 2 introduces the general principles of using commands and explains the syntax of three kinds of commands.
- Lesson 3: Commands to Assist in Using TRSDOS**  
Lesson 3 introduces library commands to check disk contents, to get assistance from the system, and to set the date and time.
- Lesson 4: Commands to Assist in System Operations**  
Lesson 4 explains commands to automate the start-up sequence, to assist in printing, and to transfer information between disk and tape.
- Lesson 5: Library Commands for File Manipulation**  
This lesson explains a set of library commands which allow the user to manipulate files that are stored on a diskette.
- Lesson 6: Library Commands for File protection**  
Lesson 6 introduces library commands which allow the user to protect files from unauthorized use.
- Lesson 7: TRSDOS Utility Commands**  
In this lesson, the details of seven TRSDOS utility commands are explained.
- Lesson 8: Errors, Troubleshooting, and Maintenance**  
Lesson 8 introduces students to the three kinds of errors that TRSDOS can detect and report. Students learn how to interpret error messages and correct errors.
- Lesson 9: Commands for Machine Language Programs**  
Lesson 9 shows how to transfer machine language programs from memory to disk and from disk to memory.
- Lesson 10: Using DEBUG**  
Lesson 10 presents fundamentals of using DEBUG, a monitor program for entering, testing, and debugging machine language programs.

\*Suggested Retail

## ***EXPRESS ORDER SOFTWARE***

### **EXPRESS ORDER SOFTWARE AVAILABILITY**

Some of you may have experienced delays in receiving Express Order software orders from Fort Worth. We have been addressing this problem for the past few weeks and feel that the following changes will drastically improve the EOS distribution system.

1. Inventory Tracking System - The inventory of EOS products is monitored by the Rebuy Department who until recently had to rely on dated and sometimes inaccurate inventory counts which lead to backorder situations. A completely new report program, written by Tandy Data Processing, gives an accurate up-to-date picture of the warehouse inventory. This has resolved backorder problems. There will continue to be an adequate supply of EOS products.
2. Separate Warehouse Facilities - All EOS products are received and shipped from a completely separate facility (however, still ordered as TEW items). With this change, vendor EOS receipts at the warehouse are logged in considerably faster, sent through Quality Assurance faster, shelf packed faster, and most importantly picked to fill your orders in record time.
3. Second Day UPS Blue Label Shipments - All EOS products are now shipped using the United Parcel Service 2nd Day Blue Label service for second day delivery to your store. Remember, however, that one day is necessary to process your order.

With these enhancements to the EOS program, there is absolutely no reason why an EOS item is not back in your store within three days after placing the order.

### **EXPRESS ORDER SOFTWARE WARRANTY POLICY**

Express Order Software is sold by Radio Shack on an "AS IS" basis WITHOUT a Radio Shack warranty. Express Order Software is packaged with a limited warranty offer provided by the primary vendor and this is the ONLY warranty offer.

Customer complaints which relate to functional deficiencies are to be resolved between the customer and the primary vendor. The vendor is also responsible for physical defects with the package such as bad media or missing documentation. Customer complaints which relate to physical defects that occurred during shipment or at the warehouse are to be resolved by Radio Shack. Radio Shack's sole responsibility is limited to that of replacing the package. Be aware that your options are limited! EOS products which must be replaced are to be returned to TEW only after you receive a return authorization from Fort Worth. Call (817) 390-3129 for that authorization. DO NOT CALL TEW.

**EXPRESS ORDER SOFTWARE DEMO DISKS**

Express Order Software demo disks will be available as "FC" series of catalog numbers from TEW. Currently, the following demos are available:

FC-0900 AutoCad (90-0181) Tutorial System  
FC-0901 AutoCad (90-0181) Slide Show  
FC-0902 Open Access (90-0247) Demo  
FC-0903 Accounting Partner (90-0112) Demo  
FC-0904 Jack 2 (90-0190) Demo  
FC-0905 Great Plains HD Accounting Demo  
FC-0906 T-CAD (90-0192 & 90-0193) Demo  
FC-0907 Telecommuter (90-0210) Demo  
FC-0908 Allwrite! (90-0242) Demo  
FC-0909 Pertmaster (90-0168) Demo  
FC-0910 Trajectories (90-0126) Demo  
FC-0911 General Accounting (90-0153) Demo  
FC-0912 VIP Integrated (90-0213) Demo

**GREAT PLAINS SOFTWARE (90-0169 - 90-0174) - UNDERLINED PRINTOUTS**

If your Great Plains Accounting Software printouts are underlined try the following procedure:

1. Power down printer
2. In the Great Plains Software, go into the Administrative Menu
3. Go into change company data
4. Go to screen 3b
5. Answer Y to "Any Changes?" \*Screen will show what number?
6. Type in 25
7. Type <SHIFT> <6> <SHIFT> <6> <ENTER>
8. \*Screen will show 1st code... Type in 27
9. \*Screen will show 2nd code... Type in 19
10. Answer Y to "Any Changes?" \*Screen will show what number?
11. Type in 26 and repeat steps 7 through 9  
Power up printer and do a printout

**EXPRESS ORDER SOFTWARE PRODUCT AVAILABILITY**

The following is a list of new and future EOS 90-series numbers for Computer Software. The date under STATUS is when you can expect TEW to ship a new order.

NOTE: These products are listed in alphabetical order by product title.

CAT NO	PRODUCT	COMPANY	CUSTOMER SUPPORT	DESCRIPTION	RETAIL	STATUS	HOWR
90-0302	Ability	Advanced Prod	800 451-0900	Integrated	495.00	In Stock	1200/1000
90-0303	Ability	Advanced Prod	800 451-0900	Integrated	495.00	06/30/85	2000
90-0305	ABstat	Anderson Bell	303 275-1681	Statistical Analysis	395.00	In Stock	M5DOS
90-0324	ACE	Am Comp Ent	800 368-3486	Service Station Mgt	600.00	In Stock	1200/1000
90-0313	ASCII Pro	United SW	213 556-2211	Comm (smart/emulator)	189.95	06/30/85	2000
90-0318	ASCII Pro	United SW	213 556-2211	Comm (smart/emulator)	189.95	In Stock	1200/1000
90-0215	ATI, MS-DOS	ATI	213 823-1129	Training, MS-DOS	39.95	ON HOLD	2000
90-0216	ATI, Multiplan	ATI	213 823-1129	Training, Multiplan	75.00	ON HOLD	2000
90-0218	ATI, Volkswagen	ATI	213 823-1129	Training, Volkswagen	39.95	ON HOLD	2000
90-0219	ATI, WordStar	ATI	213 823-1129	Training, WordStar	75.00	ON HOLD	2000
90-0217	ATI, SuperCalc3	ATI	213 823-1129	Training, SuperCalc	75.00	ON HOLD	2000
90-0304	Better Basic Runtime	Summit	617 235-0729	Runtime Environment	250.00	06/15/85	M5DOS
90-0323	COBOLCRAFT RediWrite	Am Info Sys	717 724-1588	Report Writer RealWorld+	795.00	06/15/85	M5DOS
90-0298	CQ-3780 w/board	Communique	904 562-4255	Comm (HASP RJE)	825.00	06/15/85	1200/1000
90-0297	CQ-HASTE w/board	Communique	904 562-4255	Comm (HASP RJE)	1075.00	06/15/85	1200/1000
90-0327	Crop & Livestock ACT	Great Plains	701 281-0555	Accounting (FARM) for MD	995.00	06/15/85	M5DOS
90-0266	DOCKET CONTROL	Legal Data	713 367-5667	Use With Precedent	249.00	06/15/85	1200
90-0264	DOCKET CONTROL	Legal Data	713 367-5667	Use With Precedent	295.00	06/15/85	XENIX
90-0333	Easy Script	Easy Data Sys	615 894-9719	Pharmacy Management	3900.00	06/15/85	M5DOS
90-0148	Electric Pencil Dict	Blue Cat	714 997-0244	Pencil Dictionary	129.95	06/30/85	2000
90-0338	Electric Webster	Cornucopia	415 524-8898	Dict & Spell for most EOS WP	169.95	06/15/85	M5DOS
90-0284	Excalibur A/P	Armor Systems	305 629-0753	Add on for 90-0292	595.00	06/15/85	M5DOS
90-0285	Excalibur Cust. Info	Armor Systems	305 629-0753	Add on for 90-0282	595.00	06/15/85	M5DOS
90-0286	Excalibur Dept/Fx As	Armor Systems	305 629-0753	Add on for 90-0282	595.00	06/15/85	M5DOS
90-0283	Excalibur GL	Armor Systems	305 629-0753	Add on for 90-0282	595.00	06/15/85	M5DOS
90-0212	Excalibur SERIES	Armor Systems	305 629-0753	Acct Mfg Sys w/via Trng	3780.00	06/15/85	M5DOS
90-0322	IDEAL -200	Travel Soft	206 367-8890	Idea processor	79.95	In Stock	200
90-0308	In House Accountant	United SW	213 556-2211	Acctg (Intg. small/home)	179.95	In Stock	1200/1000
90-0311	In House Accountant	United SW	213 556-2211	Acctg (Intg. small/home)	179.95	06/30/85	2000
90-0294	MIRACLE	Advanced Prod	800 451-0900	Comm/Investment	295.00	06/15/85	2000
90-0334	OLE Basic	HyperGraphics	817 565-0004	Online training & reference	69.95	06/15/85	1200/1000
90-0334	OLE DOS	HyperGraphics	817 565-0004	Online training & reference	69.95	06/15/85	1200/1000
90-0178	Open Access (SPANISH)	SPI	619 450-1526	Integrated	925.00	06/15/85	2000
90-0341	PowerBase	PowerBase Sys	212 947-3590	DBMS (Latest DBMS Hit)	595.00	06/15/85	M5DOS
90-0337	Print Master	Advanced Prod	408 263-9133	Print Utility (NON-2K graphic)	59.95	06/15/85	M5DOS
90-0280	QUICKREPORT	Fox & Geller	201 794-8883	dBaseII/III Report Writer	295.00	06/15/85	1200/1000
90-0328	R-Base 5000	MicroRim	206 641-6619	DBMS (new version & Network)	700.00	06/15/85	M5DOS
90-0331	R-Base 5000 Runtime	MicroRim	206 641-6619	Runtime Module (5 pack)	450.00	06/15/85	M5DOS
90-0330	R-Base 5000 Tutorial	MicroRim	206 641-6619	Training For R-Base 5000	11.95	06/15/85	M5DOS
90-0329	R-Base 5000 UPGRADE	MicroRim	206 641-6619	From 4000 to 5000	245.00	06/15/85	M5DOS
90-0296	Samma Word III	Samma Corp	404 872-9976	WP (National Accounts)	550.00	In Stock	1200/1000
90-0316	Smart, Data Manager	Innovative SW	913 383-1089	Smart Sys (stand alone DBMS)	495.00	06/15/85	M5DOS
90-0318	Smart Spreadsheet (graph)	Innovative SW	913 383-1089	Smart Sys (stand alone SS)	495.00	06/15/85	M5DOS

(continued on the next page)

RSCC/PLUSCC UPDATE 1985-86  
## Internal Distribution Only ##  
20 June 1985 Page 10

---

**EXPRESS ORDER SOFTWARE PRODUCT AVAILABILITY** (continued)

CAT NO	PRODUCT	COMPANY	CUSTOMER SUPPORT	DESCRIPTION	RETAIL	STATUS	MDWR
90-0314	Smart System	Innovative SW	913 383-1089	Integrated DBMS SS WP, etc)	895.00	06/15/85	MSDOS
90-0320	Smart Word Processor	Innovative SW	913 383-1089	Smart Sys (stand alone WP)	495.00	06/15/85	MSDOS
90-0299	SuperCross/XT-4	PowerSoft	214 484-2976	Util (multiformat diskI/O)	99.95	In Stock	4-foreign
90-0301	SuperCross/XT-I	PowerSoft	214 484-2976	Util (multiformat diskI/O)	99.95	In Stock	I-foreign
90-0300	SuperCross/XT-III	PowerSoft	214 484-2976	Util (multiformat diskI/O)	99.95	In Stock	III-foreign
90-0346	T-Backup	Travel Soft	206 367-8090	Utility (full backup)	19.95	06/15/85	200
90-0312	The Einstein Writer	United SW	213 556-2211	Word Proc (low cost)	149.95	06/30/85	2000
90-0309	The Einstein Writer	United SW	213 556-2211	Word Proc (low cost)	149.95	06/15/85	1200/1800
90-0307	VENIX 86 System 5	VenturCom	617 661-1230	Unix operating system	875.00	07/30/85	2000
90-0306	VENIX 86 System 5	VenturCom	617 661-1230	Unix operating system	875.00	06/30/85	1200
90-0325	VersaCAD ADVANCED	T&W Systems	714 847-9960	CAD	1995.00	In Stock	2000
90-0295	Volkswriter Scientific	Lifetree	408 373-4718	Word Proc (vertical)	495.00	In Stock	1200

**EOS EDUCATIONAL SOFTWARE PRODUCT AVAILABILITY**

Educational software available through the Express Order System is maintained by the Education Division. All sales and ordering guidelines in force in the on-going EOS program apply to these educational programs.

CAT NO	PRODUCT	COMPANY	CUSTOMER SUPPORT	DESCRIPTION	RETAIL	STATUS	MDWR
90-5003	The Pond School	Sunburst	800 431-1934	Problem Solving	55.00	In Stock	CoCo
90-5004	Factory School	Sunburst	800 431-1934	Problem Solving	55.00	In Stock	CoCo
90-5005	View Zoo School	Sunburst	800 431-1934	Animated Storybook K-2	55.00	In Stock	CoCo
90-5006	Teasers School	Sunburst	800 431-1934	Puzzles & Problem Solving	55.00	In Stock	CoCo
90-5007	Mem Castle School	Sunburst	800 431-1934	Memory Adventure Game	55.00	In Stock	CoCo
90-5008	Whatait Corp	Sunburst	800 431-1934	Survival Math Skills	55.00	In Stock	III/4
90-5009	Semcalc	Sunburst	800 431-1934	Word Problem Solver	95.00	In Stock	III/4
90-5010	Make it Click	Sunburst	800 431-1934	Seatbelt Safety	55.00	In Stock	III/4
90-5011	Teasers School	Sunburst	800 431-1934	Puzzles & Problem Solving	55.00	In Stock	III/4
90-5012	View Zoo School	Sunburst	800 431-1934	Animated Storybook K-2	55.00	In Stock	III/4
90-5013	Krell SAT Gold	Krell Software	800 245-7355	SAT Test preparation	299.95	In Stock	III/4
90-5014	Krell SAT Blue	Krell Software	800 245-7355	SAT Test preparation	229.95	In Stock	III/4
90-5015	Krell SAT Red	Krell Software	800 245-7355	SAT Test preparation	139.95	In Stock	III/4
90-5016	Krell ACT Blue	Krell Software	800 245-7355	ACT Test preparation	249.95	In Stock	III/4
90-5017	Krell ACT Red	Krell Software	800 245-7355	ACT Test preparation	119.95	In Stock	III/4
90-5022	Lazy Writer	AlphaBit Comm.	313 581-2896	Word processing	125.00	In Stock	III/4
90-5102	Clock 32K ECB D	B-S Software	614 278-2752	Telling Time	26.95	In Stock	CoCo
90-5247	Micro-Editor	South-Western	513 271-8811	Teaches Text Editing Skills	56.95	In Stock	III/4

ECB = Extended Color BASIC required

T = Tape Program

D = Disk Program

---



## CSR GRAPEVINE

---

As indicated by the name, "Grapevine", this section is where Customer Service Representatives share information with each other. It is here you can communicate your latest findings and "bits of wisdom" to all CSR's. If you wish to contribute to the CSR Grapevine use the Submission Form attached to the last Update of each month, or send your information to CompuServe ID number 70007,535. Please be sure to include your Name and Store Number.

**NOTE:** We attempt to separate fact from fiction but not being omniscient we may occasionally goof. If so, let us know about it. We'll gladly correct ourselves.

**WARNING:** The information contained in the CSR Grapevine is made available on an "as is" basis for the use of store personnel only. Much of the information will not be supported by Computer Customer Service and in no way shall Tandy Corporation be responsible for any problems caused by the use of this information.

All articles which do not include a by-line came from Computer Customer Service

### MICROPRO SPECIAL INTEREST GROUP ON COMPUVERSE

Information to pass on to customers:

A group of MicroPro technical gurus have established an independent MicroPro Special interest Group (SIG) on CompuServe to handle all varieties of questions and comments surrounding MicroPro's product line. The MicroPro FORUM is operated by Mojo Jones and Ed Greenberg of Product Development, but it is not formally associated with MicroPro.

There you will find a message Bulletin Board, with message subtopics on WordStar 2000, other WordStar family products and general discussions on applications, specific ports, and technical support. There is also a Data Library with Technical Notes, user provided utilities, MailMerge and InfoStar applications, all available for downloading. A real-time Conference utility will provide on-line discussions with other FORUM members.

Once on-line with CompuServe, contact may be established on Page PCS-29. No additional charges apply to membership in the MicroPro FORUM. Any of your customers who are not a subscriber to CompuServe may subscribe by calling (800) 348-8199.

**EDITOR'S NOTE.** Wordstar 2000 is not a word processing package for the Tandy 2000. It is an enhanced version of Wordstar currently available for the IBM-PC.



### MULTIPLAN - USING AVERAGE AND SORT FUNCTIONS

In Multiplan there is a problem in using the Average and Sort functions when there are blank cells referenced in the average formula. If the first cell referenced is a blank cell, once a sort has been performed, the first cell is no longer referenced by the average formula regardless of the contents of that cell. The way to avoid the problem is to use the Name function and name the cells you wish to average. Thus, even after a sort has been performed, the Average (name) formula is referencing the same cells.

This problem and solution were tested on the Model 4 and Tandy 2000 versions of Multiplan (26-1530 & 26-5311).

(C GRAY & J VERDEN, 01-7879)

### TANDY 200 (26-3860) - MULTIPLAN WORKSHEET PROBLEM

If the Tandy 200's nicad batteries are low when you exit a Multiplan worksheet sometimes you can not access that worksheet again. Depending on how many other files you have in that bank at the time you are trying to access the worksheet you will receive either:

#### **INSUFFICIENT FREE SPACE**

if there is too much memory in use for the file to be opened according to the "files requirements", or

#### **BAD FILE FORMAT**

when there is enough free memory.

If the batteries are very low and there is NO external power supply attached, then when you bring the system back up after being shut down in a worksheet it will return to the system menu and the worksheet will probably be "zapped".

Symptoms of a worksheet having been zapped are:

File size changing greatly (larger or smaller)

Sum of Free memory and all of the file sizes is less than 19K

The information on page 50 of the Owner's Manual DOES say that when the low power light comes on the unit should be immediately turned off and the batteries replaced. A user should not be using the unit after this light comes on. Otherwise you will lose the file you are working with.

Another potential low battery problem we discovered is that if the computer is turned on with low enough power, it cannot be turned off using the power switch. Attachment of a power supply or replacement of the batteries will enable the unit to be turned off. (We have not let the system sit to see if the auto power off feature would turn it off or not.)

(C RINEY, 01-7879)



### NEW MODEL 4/4P TECHNICAL REFERENCE MANUAL (26-2119)

The Model 4 Technical Reference Manual (26-2110) has been discontinued. The manual is being re-written combining Model 4 and 4P information. The printing is complete on this manual and it is available from TEW under the stock number 26-2119.

(L. HINES, 01-7879)

### PROFILE 4 PLUS (26-1635, 01.00.00) - WITH THE "LS-UTILITY DISK"

There is hope for Profile 4 Plus users who have discovered they cannot pass keystrokes through a JCL file in order to fully automate the program. Logical Systems Inc. sells a product called the LS-Utility Disk (not to be confused with our own TRSDOS 6.2 Utilities Disk 26-0315). The disk contains the same TYPEIN/CMD utility which solved this problem when using Profile III Plus HD.

NOTE: Since this LS-Utility Disk has not been tested by us, we can make no guarantees. Canadian Support, however, has had several customers report using it with success. The package number is L-32-150; and costs \$49.00. Logical Systems' toll free order line is (800)248-3535. Call (414)355-5454 for information and technical support.

### SCRIPTSIT 2.1 AND 3.0 (26-4531 & 26-4835) - MERGING DOCUMENTS

When merging with a base document which contains a blank page, the message "variable contains too many characters" (2.x) or "variable not found" (3.x) appears when merging the first variable group.

To correct this problem simply add a blank line <ENTER> to the blank page or delete the page that is blank.

(DAVE CARRIG, STORE #43-0736)

### XENIX - CALCULATING BLOCKS

The following formula may be used to calculate the number of blocks on a secondary hard disk when making a Xenix file system:

$$(\# \text{ of heads} \times \# \text{ of cylinders} \times 17) - 442 = \# \text{ of blocks}$$

This formula for calculating block sizes on Xenix systems is not always correct. While it is good for the 8 through 15 meg drives it is incorrect for 35 and 70 meg drives under 3.0 Xenix. The new release of Xenix allows for 96 bad tracks if the drive has over 3000 tracks. This reduces the number of tracks that are available for your use. To handle the additional bad track allocation, you should subtract an additional 1224 blocks from the number derived from the above formula. Later versions of 1.3.x may act this way also.

An easy way to check how many bad tracks diskutil has allowed for is to use the diskstat program. One of the drive parameters that it reports is the maximum number of bad tracks. Currently this program is only on 3.0 Xenix; however, you may restore it onto a 1.3.x system and it will work fine.

(C. FOX & M. MARCYNIAK, 01-7879)



### MODEL 16 PAYROLL (26-6203, 03.00.00) - CONTROL FILE MAINTENANCE

There is a problem in Payroll in the Control File Maintenance section. When three digits past the decimal are entered in field 19 (special pay factor) the program will accept all three, but when the screen is exited and returned to, the last digit is truncated (i.e. .071 = .070). The manual (page 4.3.5) states that it will hold three decimal places. In answer to SPR #6203-76 this problem will be corrected in the next release of Xenix Payroll. Only two decimal will be accepted. The addendum will reflect the manual correction for both overtime rate and special rate.

(L. POYTHRESS, #1-7679)

### TANDY 1200 HD - ASSIGNING DRIVES

It has come to my attention that when some software companies convert their MS-DOS software packages from floppy drive systems to hard drive systems, they use the "ASSIGN" command to reassign drive designations instead of offering a setup menu for machine type. This method, although effective, can cause a world of problems if the Tandy 1200 HD drives are not reassigned to their normal values upon exiting the program.

#### CASE IN POINT:

1. Customer runs the software which reassigns drive specifications.
2. Exits program normally (with drives still reassigned).
3. Customer then begins to format a disk in what he thinks is still drive A: and promptly blows away his hard disk (true story).

#### SOLUTION TO PROBLEM:

1. Create a batch file which calls the said software package.
2. On the first line of the batch file, place the commands to execute that program.
3. On the second line of the batch file, place the MS-DOS command "ASSIGN", which will reset the drive specifications to their default values.

Now when you execute the batch file, the software package will run, but when you exit the package, the ASSIGN command will reset the drives to their default values.

(MARK DAVIS, STORE #11-7200)

### TANDY 1000 - SOFTWARE GENERATED SCREEN DUMP

The following BASIC program was taken from a book called "Inside the IBM" by Peter Norton. Using it we were able to produce a software generated screen dump on the Tandy 1000. Lines 10-50 are used to set up and poke into memory the opcodes of the assembly program that performs the screen dump, these lines can be inserted at the beginning of your BASIC program. Line 60 makes the actual call, and can be used directly as shown or as a result of an 'if' statement.

(continued on the next page)



TANDY 1000 - SOFTWARE GENERATED SCREEN DUMP (continued)

```
10 hold.code = 0
20 print.screen = varptr(hold.code)
30 poke print.screen+0, 205
40 poke print.screen+1, 5
50 poke print.screen+2, 203
60 call print.screen
70 end
```

(R. BRUNER, 01-7879)

WORDSTAR (25-3170, 03.31.00) - CHANGING PRINTERS WITH SPELL CHECKER INSTALLED

If you change printers on an already installed Wordstar with the spell checker installed, you will get the error message:

\* ERROR E42 WRONG VERSION OVERLAY \*

In order to correct this, you will have to run the CINSTALL program again to re-install the spell checker to your newly created version of ws.com.

(B. OLSON, 01-7879)

SOFTERM 2000 (26-5261, 01.01.00) - WITH DC-2212 MODEM (26-1176)

At the present time the DC-2212 Modem is not supported with Softerm 2000. It will be supported in a later version of Softerm 2000. Also the user defined modem type is an option not implemented in the current version.

(C. WOODARD, 01-7879)

HOME ACCOUNTANT PLUS (26-5340, 01.01.00) - WITH DAISY WHEEL II & LINE PRINTERS

On page 2 of the Home Accountant Addendum is a list of printers not supported with the original version of Home Accountant Plus. The following procedure should enable you to use this program with the unsupported printers.

Put MS-DOS 02.11.01 or 02.11.02 onto a backup of your Home Accountant then create config.sys.

At the a> prompt type:

```
Edlin config.sys <ENTER>
*i <ENTER>
    1: device = ANSI.SYS <ENTER>
    2: device = LPDRVR.SYS <ENTER>
    3: <CONTROL> C
*e
```

NOTE: The \* in the lines above is the prompt in edlin. Do not type it in.

(C. EDGMAN, 01-7879)

