

# Output Devices

## Output Devices and Computers

Table I-a: Proof-quality devices attached to "large" computers and workstations																
	Amdahl (MTS)	Apollo	CDC Cyber	DEC 10	DEC 20	DG MV	Ether- net	HP9000 Ser.500	IBM (MVS)	IBM (VM)	PERQ	Prime	Siemens (BS2000)	Sun	VAX (Unix)	VAX (VMS)
Apple LaserWriter		Textset †		Textset	Textset †			Textset †	Textset	Textset				Textset †	Critn; Textset †	Textset †
C Itoh																LSU
Canon									GMD		GMD		GMD		Canon	
DEC LN01															UWash	LSU
DEC Ltr Ptr 100					OSU <sup>d</sup>											
DEC VT125																INFN
Diablo												OSUP				
Facit 4542																INFN
Fla Data					MR											
GE 3000		COS														
HP 2680							Stnfd									
IBM 3800; 4250;Sherpa										SLAC						
Imagen	UBC; Textset	OCLC; Textset †		Stnfd; Vndblt; Textset †	SRI; Cimbria; Textset †	TAMU	Imagen		Textset	SLAC; Textset				Sun; Textset †	UMd; Textset	K&S †; Textset
NDK 7700										IAM						
PostScript printers	Textset	Textset		Textset	Textset			Textset	Textset	Textset				Textset	Textset	Textset
Printronix						TAMU										
QMS Lasergrafix	Textset	ScnLsr; Textset		Textset	Textset	TAMU		TAMU	Textset	Textset	GMD	TAMU		Textset	Textset; UWash	TAMU; Textset
screen prevue		Yale; Textset				TAMU			GMD		GMD		GMD	Textset; UCB		Adld
Symbolics					UWash										UWash	Calma
Talaris				Talrs †	Talrs †				Talrs †	WashSTU					Talrs †	Talrs †
Tektronix 4014									UMilan							Adld; INFN
Toshiba 135x						TAMU										
Varian					AMS											SciAp
Versatec			UKöln	GATCh; Vndblt	UWash	TAMU			UMilan	Wzmn		Lvmr			UWash	K&S †
Xerox Dover					CMU		Stnfd									Stnfd
Xerox 2700			Bochum													
Xerox 2700II					OSU <sup>d</sup>											
Xerox 9700	UMich; Textset	COS; Textset		UDel					Textset	UDel; Textset				Textset	Textset	ACC; Textset

**Notes:**

\* Still running T<sub>E</sub>X80

† Graphics supported

‡ Computer used only to support output device,  
not to run T<sub>E</sub>X at this installation.

	Apple Macintosh	HP 1000	HP 3000	HP 9000 Ser. 200	IBM PC	TI PC
Apple ImageWriter	K&S†					
Apple LaserWriter	K&S†			Textset	PCTeX; Textset	
Corona Laser Printer 300					PCTeX	
Diablo			TeXeT			
Epson		JDJW			A-W; PCTeX	TAMU†
HP 2680			TeXeT			
HP 2688A				HP; CaTch		
Imagen					OCLC‡; PCTeX; Textset	
Printronix						TAMU†
QMS Lasergrafix					PCTeX; Textset	
Qume			TeXeT			
screen prevue	K&S†				PCTeX; Textset†	TAMU†
TI 855						TAMU†
Toshiba					PCTeX	

	Amdahl (MTS)	Apollo	CDC Cyber	DEC20	HP3000	HP9000	IBM (MVS)	IBM (VM)	IBM PC	Sun	Univac 1100	VAX (Unix)	VAX (VMS)
Agfa P400								IAM					
Alphatype CRS				AMS									
Autologic APS-5/Micro-5	Textset	COS; Textset		Textset	Textset	HP	Textset	Textset	PCTeX	Textset		Textset	Intergraph†; Textset
Compugraphic 8400					USheffield				PCTeX				K&S
Compugraphic 8600			RECAU*				WashStU	WashStU	PCTeX		UWis*		K&S
CRTronic													Eire
Harris 7500												SARA	
Linotron 202				Adapt					PCTeX				

Most of the interfaces listed in these charts are not on the standard distribution tapes. Some are considered proprietary. Information regarding these interfaces should be obtained directly from the sites listed.

Output device data is being maintained by Rilla Thedford. Anyone desiring more information or relaying new information can send it to her at the address given on the reverse of the title page or via the Arpanet:

Rilla.Thedford%UMich-MTS@MIT

The codes used in the charts are interpreted below, with a person's name given for a site when that information could be obtained and verified. If a contact's name appears in the current TUG membership list, only a phone number or network address is given. If the

contact is not a current TUG member, the most recent address, and its source, are shown.

**ACC** (Advanced Computer Communications): Diane Cast, 720 Santa Barbara St., Santa Barbara, CA 93101, 805-963-9431 (DECUS, May '85)

**Adapt** (Adapt, Inc): Marc Berkowitz, 415-393-9500

**Add** (Adelaide University, Australia): Andrew Trevorrow, (08) 228 5984

**AMS** (American Math Society): Ron Whitney, 401-272-9500

**A-W** (Addison-Wesley): 617-944-3700, ext. 2677

**Bochum** (Ruhr Universität Bochum): Norbert Schwarz, 49 234 700-4014

**Calma:**

**CaTch** (Cal Tech): Glen Gribble, 818-356-6988

**Canon** (Tokyo): Masaaki Nagashima, (03)758-2111

**Cmbia** (Columbia): Frank da Cruz, 212-280-5126  
**CMU** (Carnegie-Mellon University): Howard Gayle, 412-578-3042  
**COS** (COS Information, Montreal): Kevin Small, 514-738-2191  
**Crltn** (Carleton University): Neil Holtz, 613-231-7145  
**Eire** (Bord Fáilte - Irish Tourist Board): James Cumiskey, Dublin 353-1-765871, ext. 1275  
**GATech** (G A Technologies): Phil Andrews, 619-455-4583  
**GMD** (Gesellschaft der Math und Datenfabrik, Bonn, Germany): Dr. Wolfgang Appelt  
**HP** (Hewlett-Packard): Stuart Beatty, 303-226-3800, ext. 2067  
**IAM** (Institut für Angewandte Math, Univ of Bonn, Germany): Bernd Schulze, 0228-733427  
**Imagen**: Dan Curtis, 408-986-9400  
**INFN** (INFN/CNAF, Bologna, Italy): Maria Luisa Luvisetto, 051-307572  
**Intgrph** (Intergraph): Mike Cunningham, 205-772-2000  
**JDJW** (JDJ Wordware): John D. Johnson, 415-965-3245  
**K&S** (Kellerman & Smith): Barry Smith, 503-222-4234  
**LSU** (Louisiana State University): Neal Stoltzfus, 504-388-1570  
**Lvmr** (Lawrence Livermore Lab):  
**MR** (Math Reviews): Dan Latterner, 313-996-5266  
**OCLC**: Tom Hickey, 616-764-6075  
**OSU** (Ohio State University): *DEC 20*: John Gourlay, 614-422-6653; *Prime*: John Crawford, 614-422-1741  
**PCTeX** (Personal TeX, Inc.): Lance Carnes, 415-388-8853  
**RECAU** (Aarhus University, Regional Computer Center):  
**SARA** (Stichting Acad Rechenzentrum Amsterdam): Han Noot, Stichting Math Centrum, Tweede Boerhaavestraat 49, 1091 AL Amsterdam (TUGboat 5#1)  
**ScnLsr** (Scan Laser, England): John Escott  
**SciAp** (Science Applications): L. E. Fields, 619-458-2616  
**SLAC**: Alan Spragens, 415-854-3300, ext. 2849  
**SRI**:  
**Stnfd** (Stanford):  
**Sun** (Sun, Inc):  
**TAMU** (Texas A&M): *HP 9000 Ser. 500*: Ken Marsh, 409-845-4940; *all others*: Bart Childs, 409-845-5470  
**TeXt**: Lance Carnes, 415-388-8853  
**Textset** (Ann Arbor, Mich.): Bruce Baker, 313-996-3566  
**Talrs** (Talaris): Sonny Burkett, 619-587-0787  
**UBC** (Univ of British Columbia): Afton Cayford, 604-228-3045  
**UCB** (Univ of California, Berkeley): Michael Harrison, vortex@berkeley.arpa  
**UDel** (Univ of Delaware): Daniel Grim, 302-451-1990  
**UKöln** (Univ of Köln, Germany): Jochen Roderburg, 0221-/478-5372  
**UMd** (Univ of Maryland): Chris Torek, 301-454-7690  
**UMich** (Univ of Michigan): Hal Varian, 313-764-2364  
**UMilan** (Università Degli Studi Milan, Italy): *Tektronix*: Dario Lucarella, 02/23.62.441 (329); *Versatec*: Giovanni Canzii, 02/23.52.93  
**USheffield** (Univ of Sheffield, England): Ewart North, (0742)-78555, ext. 4307  
**UWash** (Univ of Washington): Pierre MacKay, 206-543-2386  
**UWis** (Univ of Wisconsin): William Kelly, 608-262-9501  
**Vndblt** (Vanderbilt University): H. Denson Burnum, 615-322-2357

**WashStU** (Washington State University): Dean Guenther, 509-335-0411  
**Wzmn** (Weizmann Institute, Rehovot, Israel): Malka Cymbalista, 08-482443  
**Yale**: Bill Gropp, 203-436-3761

## Index to Sample Output from Various Devices

Camera copy for the following items in this issue of TUGboat was prepared on the devices indicated, and can be taken as representative of the output produced by those devices. Some items (noted below) were received as copy larger than 100%; these were reduced photographically using the PMT process. The bulk of this issue, as usual, has been prepared (all with TeX82) on the DEC 2060 and Alphatype CRS at the American Mathematical Society.

- Apple LaserWriter (300 dpi): Textset advertisement, p. 163.
- Canon CX (300 dpi): Georgia Tobin, the Font Forum, p. 122.
- Corona LP300 (300dpi): PC TeX advertisement, p. 166.
- HITAC H8172 Laser Beam Printer (240 dpi): Tsunetoshi Hayashi, Report on TeX implementation at HUCC, p. 135; reduced from 125%; HITAC M280H.

## Site Reports

### The TeX Directories at the "Source"

For those TeX users who have access to the Arpanet, the most recent version of any file that will be put into the standard (generic) distribution can be found at SU-Score, the DEC-20 (TOPS-20) system that is "home" to the Stanford TeX Project. Here are the names of the directories to look in.

<TeX>

The latest executables can be found here.