

## 21. CONTENTS OF THE NOVA/ALTO DISK

*Maxc1 only:* The following is a fairly complete list of the files regularly kept on the Nova disk and on file 2 of the 10SYS tape.

## DOS system files and standard Nova subsystems

MAXCSYS.SY	DOS boot image
TBOOT.SV	Tape boot program
EDIT.SV	Editor
ASM.SV	Nova assembler
RLDR.SV	Loader
GEARS.SV	Ears printing program
NEDP.SV	Ethernet diagnostic program
FTP.SV, .BB	Ethernet file transfer program

## Maxc-related files

POWER.SV	Turns Maxc power on and off
MICRO.SV	Microcode assembler
OMICRO.SV	Micro overlay
EMICRO	? (needed by Micro)
MIDAS.SV	Microcode loader/debugger
SYS.MB	PDP-10 emulator microcode
PATCHES.MB	Patches for SYS.MB
TENLOAD	Midas commands to load microcode
TENCSUM	Midas commands to display recomputed checksums for newly-assembled microcode
MEXECSO	Midas commands to load microcode, start Micro-Exec
TENGO	Midas commands to load microcode, start Tenex
NVIO.SV	Nova I/O control program
DMPLD.SV	Maxc memory dump/load program
TMEM.SV	Maxc memory diagnostic (runs on Nova)
PER.SV	Analysis program for TMEM output
TR.SV	Tests microprocessor registers and memories from the Nova

## Microprocessor diagnostics and command files

DGBASIC.MB	DGBASIC
DGP.MB	DGP
DGALU.MB	DGALU
DGIMH.MB	DGIMH
DGIML.MB	DGIML
DGRL.MB	DGRL
DGREG.MB	DGREG
DGI.MB	DGI
DGM.MB	DGM
DGMR.MB	DGMR
DBEG.MB	

Additionally, there are usually "old" (obsolete) versions of some of the above files (preceded by the letter "O") and "new" (experimental) versions (preceded by the letter "N").

*Maxc2 only:* The following files are ordinarily kept on the Maxc2 Alto's disk, in addition to standard Alto subsystems.

#### Maxc-related files

MICRO.RUN	Microcode assembler
MIDAS.RUN	Microcode loader/debugger
MIDAS.*	Various auxiliary files needed by Midas
SYS2.MB	PDP-10 emulator microcode
TENLOAD.MIDAS	Midas commands to load microcode
INIT.MIDAS	Midas commands to load and dump newly-assembled microcode
MEXECGO.MIDAS	Midas commands to load microcode, start Micro-Exec
TENGO.MIDAS	Midas commands to load microcode, start Tenex
ALTIO.RUN	Nova I/O control program
TM.RUN	Maxc memory diagnostic (runs on Alto)
MEMBASH.RUN	Maxc memory contention exercisor
SMIDIAG.RUN	Alto System Maintenance Interface diagnostic

#### Microprocessor diagnostics and command files

DGBASIC.MB	DGBASIC.MIDAS
DGP.MB	DGP.MIDAS
DGALU.MB	DGALU.MIDAS
DGIMH.MB	DGIMH.MIDAS
DGIML.MB	DGIML.MIDAS
DGRL.MB	DGRL.MIDAS
DGI.MB	DGI.MIDAS
DGM.MB	DGM.MIDAS
DGMR.MB	DGMR.MIDAS
DGREG.MB	DGREG.MIDAS
DBEG.MB	

The current microprocessor diagnostic sources are ordinarily kept on the Maxc2 Alto disk as well.