

## **Alphabetical List of GEOS API Addresses**

(based on Maciej "YTM/Elysium" Witkowiak's disassembly)

### **Disk Driver APIs (these are for the 1541 driver):**

AddDirBlock	\$92D0
AllocateBlock	\$939C
BlkAlloc	\$9115
CalcBlksFree	\$93F5
ChangeDiskDevice	\$97A6
ChkDkGEOS	\$923F
DoneWithIO	\$9504
EnterTurbo	\$9668
ExitTurbo	\$974B
FindBAMBit	\$93B6
FreeBlock	\$93DD
Get1stDirEntry	\$91B6
GetBlock	\$905B
GetBorder	\$9219
GetDirHead	\$904E
GetFreeDirBlk	\$926F
GetNxtDirEntry	\$91CF
InitForIO	\$9479
NewDisk	\$9777
NxtBlkAlloc	\$911C
OpenDisk	\$90BA
PurgeTurbo	\$9768
PutBlock	\$9078
PutDirHead	\$906B
ReadBlock	\$97D4
ReadBuff	\$9053
ReadLink	\$97D4
SetGEOSDisk	\$941E
SetNextFree	\$931C
VerWriteBlock	\$9848
WriteBlock	\$981F
WriteBuff	\$9070

**Kernel APIs (disk driver APIs are jump table entries)**

AppendRecord	\$DC37
BBMult	\$CD48
BitmapClip	\$E3A9
BitmapUp	\$E424
BitOtherClip	\$E3A4
BldGDirEntry	\$D915
BlkAlloc	JMP (\$902A)
BlockProcess	\$CBE9
BMult	\$CD69
CalcBlksFree	JMP (\$9020)
CallRoutine	\$C59F
ChangeDiskDevice	JMP (\$900A)
ChkDkGEOS	JMP (\$902C)
ClearMouseMode	\$EBC9
ClearRam	\$C541
CloseRecordFile	\$DB66
CmpFString	\$CF3A
CmpString	\$CF38
CopyFString	\$CE49
CopyString	\$CE47
CRC	\$E975
Dabs	\$CDEB
Ddec	\$CE03
Ddiv	\$CDA1
DeleteFile	\$D993
DeleteRecord	\$DBDE
DisablSprite	\$CD1A
DMult	\$CD6E
Dnegate	\$CDF0
DoDlgBox	\$F2B0
Dolcons	\$F146
DoInlineReturn	\$C5AF
DoMenu	\$ED30
DoneWithIO	JMP (\$9002)
DoPreviousMenu	\$EE10
DoRAMOp	\$9EB8
DrawLine	\$E9AF
DrawPoint	\$EB3B
DrawSprite	\$CC9A
DSDiv	\$CDCF
DShiftLeft	\$CD32
DShiftRight	\$CD3D
EnableProcess	\$CBE0
EnablSprite	\$CD02
EnterDeskTop	\$C326
EnterTurbo	JMP (\$9008)
ExitTurbo	JMP (\$9004)

FastDelFile	\$DA69
FetchRAM	\$9EB6
FillRam	\$C545
FindBAMBit	JMP (\$9026)
FindFile	\$D65D
FindFTypes	\$D5B1
FirstInit	\$C4E6
FollowChain	\$D57A
FrameRectangle	\$C8C3
FreeBlock	JMP (\$9022)
FreeFile	\$D9A2
FreezeProcess	\$CBF9
GetBlock	JMP (\$9016)
GetCharWidth	\$E6D5
GetDirHead	JMP (\$901A)
GetFHdrInfo	\$D71A
GetFile	\$D50A
GetFreeDirBlk	JMP (\$901E)
GetNextChar	\$FCEB
GetPtrCurDkNm	\$C305
GetRandom	\$CE10
GetRealSize	\$DE42
GetScanLine	\$CA7D
GetSerialNumber	\$CFF3
GetString	\$E6F1
GotoFirstMenu	\$EDFF
GraphicsString	\$C94D
HorizontalLine	\$C651
i_BitmapUp	\$E3F6
i_FillRam	\$D4F8
i_FrameRectangle	\$C8B4
i_GraphicsString	\$C93A
i_ImprintRectangle	\$C898
i_MoveData	\$CE65
ImprintRectangle	\$C8A4
InitForIO	JMP (\$9000)
InitProcesses	\$CB1D
InitRam	\$C567
InitTextPrompt	\$E8A3
InsertRecord	\$DC21
InterruptMain	\$C2D7
InvertLine	\$C6D6
InvertRectangle	\$C86C
i_PutString	\$E64F
i_RecoverRectangle	\$C87C
i_Rectangle	\$C849
IsMselnRegion	\$CF5C
LdApplic	\$D803

LdDeskAcc	\$D776
LdFile	\$D533
LoadCharSet	\$E6A3
MainLoop	\$C0DF
MouseOff	\$EBD4
MouseUp	\$EBDD
MoveData	\$CE97
NewDisk	JMP (\$900C)
NextRecord	\$DBB5
NxtBlkAlloc	JMP (\$9028)
OpenDisk	JMP (\$9014)
OpenRecordFile	\$DAEC
Panic	\$CF88
PointRecord	\$DBC4
PosSprite	\$CCC0
PreviousRecord	\$DBBE
PromptOff	\$E889
PromptOn	\$E865
PurgeTurbo	JMP (\$9006)
PutBlock	JMP (\$9018)
PutChar	\$E4EC
PutDecimal	\$E94B
PutDirHead	JMP (\$901C)
PutString	\$E688
ReadBlock	JMP (\$900E)
ReadByte	\$DDC8
ReadFile	\$9D8C
ReadRecord	\$DC51
RecoverAllMenus	\$EF82
RecoverLine	\$C76A
RecoverMenu	\$EF93
RecoverRectangle	\$C888
Rectangle	\$C855
ReDoMenu	\$EDF9
RenameFile	\$DAB3
RestartProcess	\$CBC5
RstrAppl	\$D7CC
RstrFrmDialogue	\$F420
SaveFile	\$D84B
SetDevice	\$D6AD
SetGDirEntry	\$D8E3
SetGEOSDisk	JMP (\$902E)
SetNextFree	JMP (\$9024)
SetPattern	\$CA53
Sleep	\$CC7A
SmallPutChar	\$E573
StartAppl	\$C3A8
StartMouseMode	\$EB98

StashRAM	\$9EAE
SwapRAM	\$9EB2
TestPoint	\$EB78
ToBASIC	\$C05C
UnBlockProcess	\$CBF1
UnFreezeProcess	\$CC01
UpdateRecordFile	\$DB6F
UseSystemFont	\$E69B
VerifyRAM	\$9EAA
VerticalLine	\$C7E9
VerWriteBlock	JMP (\$9012)
WriteBlock	JMP (\$9010)
WriteFile	\$9E28
WriteRecord	\$DC66