

Mc Affee 100

geladen aus der TGM-Mailbox

DSK-300

Während Versionsnummer von Programmen auf einer Hand abzählbar sind, (Nummern größer 10 sind selten, die Programme heißen dann schon anders), ist die Mutationsrate der diversen Virenstämme um eine Größenordnung darüber. Wir feiern SCAN100 und haben aus diesem Anlaß auch eine runde Diskettennummer dafür reserviert: TGM-DSK-300, leicht zu merken, sie wird in Zukunft immer die neueste Version dieser Programmgruppe enthalten. Um den Gebrauch dieser mitunter sehr wertvollen Software zu begünstigen, bedenkt man den Ärger und verlorene Arbeitszeit durch defekte Programme und Festplatten, haben wir in der Folge einige Installationshinweise zusammengefaßt und, obwohl vor Kurzem veröffentlicht, noch einmal die aktuelle Virenliste.

Installationshinweise

Diese Diskette enthält 3 Dateien

```

AFFEE100.ZIP  SCAN,CLEAN,VSHIELD,WSCAN100
PKUNZIP.ZIP   Dekomprimiert ZIP Dateien
README.TXT    Diese Datei
  
```

Verwenden Sie die folgenden Pfadangaben nur als Beispiel und setzen Sie stattdessen Ihre Verzeichnisse ein. (Bei mir sind alle systemnahen Zusatzprogramme unter DOSSYS und WINSYS zusammengefaßt).

1. Anlegen des Unterverzeichnisses für SCAN(AFFEE)

z.B.
C:\>MD DOSSYS\SCAN

2. Kopieren der Dateien

```

COPY A:AFFEE100.ZIP C:\DOSSYS\SCAN
COPY A:PKUNZIP.EXE C:\DOSSYS\UTIL
(C:\DOSSYS\UTIL wäre im Pfad)
  
```

3. Extrahieren

```

CD \DOSSYS\SCAN
PKUNZIP AFFEE100
DEL AFFEE100.ZIP
  
```

4. Installieren von SCAN unter Windows

Alle Dateien befinden sich jetzt in C:\DOSSYS\SCAN.

Man kann jetzt entweder alle so lassen oder eine Windows-Version in ein eigenes Subdirectory erstellen. Das hängt davon ab, ob man es lieber hat, Windows- und DOS-Anwendungen klarer zu trennen, oder ob diese Trennung nicht ganz so wichtig ist.

4.1 Alle Dateien in C:\DOSSYS\SCAN belassen

```

CD \DOSSYS\SCAN
WINSTALL
  
```

Es werden jetzt 4 Pfadangaben abgefragt, die mit

```

C:\DOSSYS\SCAN
C:\DOSSYS\SCAN
C:\DOSSYS\SCAN
C:\WIN           (Windows-Verzeichnis)
  
```

zu beantworten sind. (Dabei kommt es zu unwirschen Fehlermeldungen, die davon herrühren, daß dieser Aufruf normaler-

weise von Diskette erfolgt und dabei etwas kopiert wird, dagegen befinden sich die Dateien in unserem Beispiel ohnehin schon am Ort des Geschehens).

4.2 Alle Dateien in ein eigenes Windows C:\WINSYS\SCAN kopieren

Dieses Verzeichnis muß zuerst angelegt werden:

```
MD C:\WINSYS\SCAN
```

Jetzt wird, wie unter 4.1 WINSTALL aufgerufen:

```
CD \DOSSYS\SCAN
WINSTALL
```

Es werden jetzt 4 Pfadangaben abgefragt, die mit

```

C:\WINSYS\SCAN
C:\WINSYS\SCAN
C:\WINSYS\SCAN
C:\WIN           (Windows-Verzeichnis)
  
```

zu beantworten sind.

5. SCAN in Windows integrieren

Windows aufrufen und zum Beispiel im **Zubehör** mitaufnehmen: **Zubehörorbner öffnen, Datei neu, Programm, Durchsuchen**, Pfad C:\WINSYS\SCAN anwählen und dort Datei WSCAN100.EXE anwählen.

```

C-QUIZ (2)

Was druckt das folgende Programm?

int a[] = { 0, 1, 2, 3, 4 };
int *p[] = { a, a+1, a+2, a+3, a+4 };
int **pp = p;

void main(void)
{
    printf("%d %d\n", a, *a);
    printf("%d %d %d\n", p, *p, **p);

    pp++; printf("%d %d %d\n", pp-p, *pp-a, **pp);
    *pp++; printf("%d %d %d\n", pp-p, *pp-a, **pp);
    **pp++; printf("%d %d %d\n", pp-p, *pp-a, **pp);
    ***pp; printf("%d %d %d\n", pp-p, *pp-a, **pp);

    pp=p;
    **pp++; printf("%d %d %d\n", pp-p, *pp-a,
**pp);
    ***pp; printf("%d %d %d\n", pp-p, *pp-a,
**pp);
    ****pp; printf("%d %d %d\n", pp-p, *pp-a,
**pp);
}
  
```

Kurzfassungen

SCAN

SCAN {drive(s)} {options}
 {drive(s)} - Indicates a drive or drives to be scanned

Options

\ Scan root directory and boot area only
 /? /H or /HELP Displays help screen
 /A Scan all files, including data, for viruses
 /AD Scan all local drives for viruses
 /AF {filename} Store recovery & validation data to {filename}
 /AG {filename} Add recovery & validation data to files EXCEPT for those listed in {filename}
 /AV {filename} Add validation codes to files EXCEPT for those listed in {filename}
 /BELL Beep whenever a virus is found
 /CERTIFY List files that do not have a validation code
 /CF {filename} Check for viruses using recovery & validation data stored in {filename}
 /CHKHI Check memory from 0Kb to 1,088Kb
 /CG Check recovery & validation data on files
 /CV Check validation codes on files
 /D Overwrite and delete infected files
 /DATE Save the date and time SCAN was last run (use /SHOWDATE to display)
 /E .xxx .yyy Scan overlay extensions .XXX and .YYY
 /EXT {filename} Scan using external virus data from {filename}
 /FAST Speed up VIRUSCAN's output (see below for specifics)
 /HISTORY {fname} Create infection log {fname} appending to old log
 /M Scan memory for all viruses (see below for specifics)
 /MAINT Scan "invalid media" error (damaged) disk
 /MANY Scan multiple disks
 /NLZ Skip internal scan of LZEXE-compressed files
 /NOBREAK Disable Ctrl-C and Ctrl-Brk during scanning
 /NOEXPIRE Do not display expiration notice
 /NOMEM Disable memory check
 /NOPAUSE Disable screen pause when scanning
 /NPKL Skip internal scan of PKLITE-compressed files
 /REPORT {fname} Create infection log {fname} deleting the old log
 /RF filename Remove recovery & validation data stored
 /RG Remove recovery & validation data from files
 /RV Remove validation codes from specified files
 /SAVE Save specified options as new default options
 /SHOWDATE Display the date and time SCAN was last run (use /DATE to save date and time)
 /SUB Scan all subdirectories inside a subdirectory
 /UNATTEND Scan using DOS critical error handler (required if used within Windows or OS/2)
 @{filename} Scan using options from {filename}

EXAMPLES

The following examples show different option settings:

SCAN C:
 To scan drive C:

SCAN A:R-HOOPER.EXE
 Scans file "R-HOOPER.EXE" on drive A:

SCAN A: /A /CV
 Scans all files and checks validation codes for unknown viruses on drive A.:

SCAN B: /D /A
 Scans all files on drive B: and prompt for erasure of any infected files, if found.

SCAN C: D: E: /AV /NOMEM
 Scan for viruses, add validation codes to files on drives C:, D:, and E:, and skip memory checking.

SCAN C: D: /M /A
 Scan memory for all viruses, all files on drives C: and D: for viruses.

SCAN C: D: /E .WPM .COD
 Scans drives C: and D:, including .WPM and .COD files

SCAN C: /EXT A:SAMPLE.ASC /BELL
 To scan drive C: for known computer viruses and also for viruses added by the user via the external virus data file option, and beep whenever a virus is found.

SCAN C: /M /NOPAUSE /REPORT A:INFECTN.RPT
 To scan for all viruses in memory and drive C: without stopping, and create a log file INFECTN.RPT on drive A:

SCAN E:\DOWNLOADS /SUB
 To scan all subdirectories under the directory DOWNLOADS on drive E:

SCAN C: D: E: /FAST /CERTIFY
 To perform a fast scan of drives C:, D:, and E: and check for any files that do not have validation codes.

SCAN @C:\SCANOPTN.LST
 To run SCAN using configuration file SCANOPTN.LST located in the root directory of drive C:.

SCAN /AD /M
 Scan all hard drive partitions and memory for viruses.

CLEAN

CLEAN {drive(s)} [virus I.D.] {options}

Options

{drives} indicate drive(s) to be cleaned

[virus I.D.] Virus identification code provided by SCAN when a virus is detected (See the VIRLIST.TXT file for a complete list.)

NOTE: The square brackets "[" and "]" are required.

/A Check all files for viruses
 /E .xxx .yyy .zzz Clean overlay extensions .xxx .yyy .zzz
 /GENERIC Clean unknown viruses (see below for specifics)
 /GRF {filename} Clean unknown viruses using recovery data file {filename}
 /MAINT Clean "invalid media" error (damaged) disk
 /MANY Check multiple disks for viruses
 /NOEXPIRE Do not display expiration notice
 /NOPAUSE Disable screen prompting
 /REPORT {fname} Create report file {fname}

EXAMPLES

The following examples show different option settings:

CLEAN C: D: E: [JERU] /A
 To remove the Jerusalem virus from drives C:, D:, and E:, searching all files for the virus

CLEAN A: [STONED]
 To remove the Stoned virus from the disk in drive A:

CLEAN C:\MORGAN [DAV] /A
 To remove the Dark Avenger virus from subdirectory MORGAN on drive C:, searching all files for the virus

CLEAN B: [DOODLE] /REPORT C:\YNKINFCT.TXT
 To remove the Yankee Doodle virus from drive B: and create a report named YNKINFCT.TXT on drive C:

CLEAN C: /GENERIC
 To remove an unknown virus from drive C: using recovery data stored by SCAN's /AG option.

CLEAN C: D: /GRF A:\SCANCRC.CRC
 To remove an unknown virus from drives C: and D: using recovery data stored by SCAN's /AF option.

VSHIELD

VSHIELD {options}

Options

/ACCESS Check for virus when files are opened
 /CERTIFY {filename} Enable access control
 ({filename} is an optional exception list)
 /CF {filename} Check for viruses using recovery & validation data stored in {filename}
 /CHKHI Check memory from 0-1088Kb for viruses
 /CONTACT {message} Display {message} when virus is found
 /COPY Check for viruses during COPY operations
 /CV Check validation codes added by VIRUSCAN
 /IGNORE {drive(s)} Ignore program loads from specified drive(s)
 /LH Load VSHIELD into upper memory blocks
 /LOCK Halt system when a virus is found
 /M Scan memory for all viruses during install (see restrictions below)
 /NB Disable boot sector check during install and reboot
 /NI6510 Fixes Racal Datacomm NI6510 conflict
 /NOBREAK Disable Ctrl-C / Ctrl-Brk during install
 /NOCONT Prevent running of non-certified programs
 /NODISK Disable boot sector check during install only
 /NOMEM Skip memory checking
 /NOREMOVE Disable /REMOVE switch
 /ONLY {drive(s)} Check program loads from specified drive(s)
 /RECONNECT Re-link system interrupts after network drivers are loaded
 /REMOVE Unload VSHIELD from memory
 /SAVE Save specified switches as new defaults
 /SWAP {pathname} Load kernel (3Kb) only; swap rest to disk
 /F {pathname} Use with /SWAP for DOS 2.1 systems ONLY
 /WINDOWS Checks DOS processes under Windows

EXAMPLES

VSHIELD Installs VSHIELD (Level II protection)

VSHIELD /CV Installs VSHIELD (Level III protection)

VSHIELD /CERTIFY EXCPTN.LST Installs VSHIELD (Level IV protection) with an exception list named EXCPTN.LST.

VSHIELD /SWAP Installs VSHIELD kernel in memory and swaps from root directory of disk with DOS 3.0 and above.

VSHIELD /SWAP /F C:\VSHIELD.EXE Installs VSHIELD kernel resident and swaps from root directory of disk with DOS 2.0 system.

VSHIELD /CV /CONTACT "Please Contact the PC Help Desk" Installs VSHIELD (Level III protection) and display a message if virus is found.

VSHIELD /M /CHKHI /CV /LH /WINDOWS Installs VSHIELD (Level III protection) checking for all memory resident viruses in base and high memory prior to install, load VSHIELD high, and Windows compatibility mode turned on.

VSHIELD /RECONNECT Re-enable VSHIELD after it has been disconnected by network device drivers.

VSHIELD /CF C:\MCAFEE SCANCRC.CRC Install VSHIELD with Level III protection checking recovery & validation data file created by VIRUSCAN's /AF option.

CHKSHLD /V 4.3V84 /Q Checks for VSHIELD 4.3V84 in memory, no messages displayed.

NETSCAN

NETSCAN {drive(s)} {options}

{drive(s)} Indicates a drive or drives to be scanned

Options

/? /H or /HELP Displays help screen
 /A Scan all files, including data, for viruses
 /AD Scan all available hard drives
 /AF {filename} Store recovery & validation data to {filename}
 /BELL Beep whenever a virus is found
 /CERTIFY List files that do not have a validation code
 /CF {filename} Check for viruses using recovery & validation data stored in {filename}
 /CHKHI Check workstation memory from 0Kb to 1,088Kb
 /D Overwrite and delete infected files
 /E .xxx .yyy Scan overlay extensions .XXX and .YYY
 /EXT {filename} Scan using external virus data from {filename}
 /FAST Speed up NETSCAN's output (see below for specifics)
 /HISTORY {fname} Create infection log {fname} appending to old log
 /M Scan workstation memory for all viruses (see below for specifics)
 /NLZ Skip internal scan of LZEXE-compressed files
 /NOBREAK Disable Ctrl-C and Ctrl-Brk during scanning
 /NOEXPIRE Do not display expiration notice
 /NOMEM Disable workstation memory check
 /NOPAUSE Disable screen pause when scanning
 /NPKL Skip internal scan of PKLITE-compressed files
 /REPORT {fname} Create infection log {fname} deleting the old log
 /RF {filename} Remove recovery & validation data from {filename}

/SAVE Save specified options as new default options
 /SUB Scan all subdirectories inside a subdirectory
 /UNATTEND Scan using DOS critical error handler (required for Novell NetWare)
 @{filename} Scan using options from {filename}

EXAMPLES

The following examples show different option settings:

NETSCAN F: /UNATTEND
 To scan drive F: on a Novell NetWare LAN for viruses

NETSCAN F: /CF C:\NETSCAN.CRC
 To scan drive F: for viruses and check for unknown viruses by comparing against recovery/validation data from file NETSCAN.CRC

NETSCAN X: Y: Z: /D /A
 Scans all files on drives X: Y: and Z: for viruses and prompt for erasure of any infected files, if found.

NETSCAN L: M: /E .WPM .COD
 Scans drives L: and M: for viruses, including files with .WPM and .COD extensions

NETSCAN G: /EXT A:SAMPLE.ASC /BELL
 To scan drive G: for known viruses and for new viruses added he external virus data file option, and beep whenever a virus is found.

C-QUIZ (3)

Was druckt das folgende Programm ?

```
int a[3][3] =
{
  {1, 2, 3},
  {4, 5, 6},
  {7, 8, 9}
};
int *pa[3] = {a[0], a[1], a[2] };
int *p = a[0];

void main(void)
{
  int i;

  for (i=0; i<3; i++)
    printf("%d %d %d\n", *a[i]
           (*(a+i)+i) );
  for (i=0; i<3; i++)
    printf("%d %d\n", *pa[i], p[i]);
}
```


Dedicated [DAME]	SCAN/D	x x x x x	Varies O P L	Holo/Holocaust (3) [H1]	Clean-Up	x . x x x	3784 O P L D
Define [Def]	Clean-Up	. . . . .	Overwrites L O P	Horror [Hrr]	Clean-Up	. . . . .	2319 P L D
Deicide [Dei]	Clean-Up	. . . . .	Overwrites F L O P	Horse (7) [Hrs]	Clean-Up	. . . . .	1154 O P
Demolition [Dmo]	Clean-Up	. . . . .	1585 L O P	Horse Boot [DRP]	Clean-Up	. . . . .	N/A B
Demon (5) [Dem]	Clean-Up	. . . . .	Overwrites F L O P	Huge [Huge]	Clean-Up	. . . . .	3072 P L O
Den Zuk (5) [GenB]	Clean-Up	. . . . .	N/A O B	Hungarian [Hng]	Clean-Up	. . . . .	695 O L
Dest1-2 [Dstr]	Clean-Up	. . . . .	478 O P L	Hybrid [Hyb]	Clean-Up	. . . . .	1306 O P L
Dest3 [Dstr3]	Clean-Up	. . . . .	478 D L P	Hydra (12) [G3]	Clean-Up	. . . . .	Varies L O P
Destructor [Destr]	Clean-Up	. . . . .	1150 O P	Hymn (3) [Hym]	Clean-Up	. . . . .	642 O P D
Devil's Dance (2) [Dance]	Clean-Up	. . . . .	941 D O P L	I-B (5) [IB]	Clean-Up	. . . . .	Varies F
Dima [Dima]	Clean-Up	. . . . .	1024 D P	IB Demonic [OW]	Clean-Up	. . . . .	451 P D L
Diogenes [Dio]	Clean-Up	. . . . .	846 P O	IKV528 [G2]	Clean-Up	. . . . .	528 O P
Dir Virus [Dir]	Clean-Up	x x x x x	691 O P D	IOU [IOU]	Clean-Up	. . . . .	2088 O L P
Dir-2 910 [910]	Clean-Up	x x x x x	910 O P D	IT [IT]	Clean-Up	. . . . .	454 O P
Dir-2/CD Lx (3) [D2]	Clean-Up	x x x x x x x	1024 O L D P	Ice 9 [I9]	Clean-Up	. . . . .	639 P O D
Disk Killer (4) [Killer]	Clean-Up	. . . . .	N/A B O P D F	Iceantic (3) [Ice-3]	Clean-Up	. . . . .	642 O P
Dismember [Dsr]	Clean-Up	. . . . .	288 L O P	Icelandic II [Ice-3]	Clean-Up	. . . . .	661 O P
Do Nothing [Nothing]	Clean-Up	. . . . .	608 P D L	Icelandic3 [Ice-3]	Clean-Up	. . . . .	853 O P
Dodo [Dod]	Clean-Up	. . . . .	408 O	Idle [Idle]	Clean-Up	. . . . .	2332 P O
Doodle (14) [Doodle]	Clean-Up	. . . . .	2885 O P	Ieroin [Ier]	Clean-Up	. . . . .	570 P O D
Doom II [Dm2]	Clean-Up	. . . . .	2504 O P D L	Ill [Ill]	Clean-Up	. . . . .	1016 P
Dot Killer [Dot]	Clean-Up	. . . . .	944 O P	Incom [Inc]	Clean-Up	. . . . .	648 O P
Dot-789 [789]	Clean-Up	. . . . .	801 O P D	Infinity [Inf]	Clean-Up	. . . . .	732 O P
Dot-801 [I-F]	Clean-Up	. . . . .	803 P L	Inrud-B [Intr]	Clean-Up	. . . . .	1333 P D
Druid [OW]	Clean-Up	. . . . .	Overwrites	Invader (8) [Invader]	Clean-Up	x x x x x x x	4099 B L O P D
Dust [OW]	Clean-Up	. . . . .	95 P D L	Invul Virus [Inl]	Clean-Up	. . . . .	1413 O P L D
Dutch Tiny	Clean-Up	. . . . .	124 P L	Iraqi Warrior [Lisbon]	Clean-Up	. . . . .	777 O P L D
Dutch [Dt]	Clean-Up	. . . . .	555 D O P	Israeli Boot [Iboot]	Clean-Up	. . . . .	N/A B O
EDV (2) [EDV]	Clean-Up	x x x x x	N/A B O	ItaVir (3) [Ita]	Clean-Up	. . . . .	3880 O P L B
EMF 625 [100]	Clean-Up	. . . . .	625 O P L	Italian Pest (3) [Murphy]	Clean-Up	. . . . .	1910 L O P
EMF [EMF]	Clean-Up	. . . . .	404 O P L	JD [JD]	Clean-Up	. . . . .	158 P
ETC [ETC]	Clean-Up	. . . . .	572 O L D P	JW2 (2) [Jab]	Clean-Up	. . . . .	1812 L O P
Eclipse [100]	Clean-Up	. . . . .	641 P D L	Japan [C-J]	Clean-Up	. . . . .	600 O P
Ed [Ed]	Clean-Up	. . . . .	794 P D O	Jeff (3) [Jeff]	Clean-Up	. . . . .	828 O P D F
Edal [Edc]	Clean-Up	. . . . .	1615 P D L	Jerk (2) [Jrk]	Clean-Up	. . . . .	1077 L O P
Einstein [Ein]	Clean-Up	. . . . .	878 O P	Jeru-163 [J163]	Clean-Up	. . . . .	1663 P D
Ekterror [100]	Clean-Up	x x x x x	2000 L B D	Jerusalem (48) [Jeru]	Clean-Up	. . . . .	1808 O P
Eliza [El]	Clean-Up	. . . . .	1193 L O P	JoJo (3) [JoJo]	Clean-Up	. . . . .	1701 O P
Empire (3) [Emp]	Clean-Up	. . . . .	N/A O P	Joanna [Joal]	Clean-Up	. . . . .	986 P D L
End-of [Eof]	Clean-Up	. . . . .	783 O P L	Joke [JK]	Clean-Up	. . . . .	N/A P
Enemy [Enm]	Clean-Up	. . . . .	1285 O P D	Joker (3) [Joke]	Clean-Up	. . . . .	N/A O P
Enigma [Eng]	Clean-Up	. . . . .	1755 O P	Jos [100]	Clean-Up	. . . . .	1000 P D
Enola [Eno]	Clean-Up	. . . . .	1878 P D L	Joshi (4) [Joshi]	Clean-Up	x . x x x x	N/A B O D
Error [Er]	Clean-Up	. . . . .	628 O P	Joshua [Jsh]	Clean-Up	. . . . .	965 O P L
Europe-92 [E92]	Clean-Up	. . . . .	728 L D	July 13th [J13]	Clean-Up	. . . . .	1201 P D L
Evil Genius [Egn]	Clean-Up	. . . . .	965 O P D	July 26 [J26]	Clean-Up	. . . . .	205 O P
Explode [OW]	Clean-Up	. . . . .	229 O P D F	Jump4Joy [J4J]	Clean-Up	. . . . .	2225 O D
Exterminator [M45]	Clean-Up	. . . . .	451 O D L	June 16th [Junel6]	Clean-Up	. . . . .	1726 F O P L
F-Word [FW]	Clean-Up	. . . . .	417 O	Justice [Jus]	Clean-Up	. . . . .	1242 O P
FamC [GC]	Clean-Up	. . . . .		K [K]	Clean-Up	. . . . .	4928 O P L
FamD [GD]	Clean-Up	. . . . .		KBug [Kbu]	Clean-Up	. . . . .	1598 P O
FamE [GE]	Clean-Up	. . . . .		KODE4 [K4]	Clean-Up	. . . . .	399 O P L
FamH [GH]	Clean-Up	. . . . .		KODE4v1 [100]	Clean-Up	. . . . .	Overwrites P D
FamJ [GJ]	Clean-Up	. . . . .		KU-448 [KU]	Clean-Up	. . . . .	448 L P
FamM [GM]	Clean-Up	. . . . .		Kalah [GR]	Clean-Up	. . . . .	390 O P L D
FamN [GN]	Clean-Up	. . . . .		Kamikaze [Kami]	Clean-Up	. . . . .	Overwrites P D
FamQ [GQ]	Clean-Up	. . . . .		Karin [GN]	Clean-Up	. . . . .	1090 L O P
FamR [GR]	Clean-Up	. . . . .		Kemerov (3) [Kem]	Clean-Up	. . . . .	257 L O P
FamS [GS]	Clean-Up	. . . . .		Kemerov (5) [Keme]	Clean-Up	. . . . .	Varies O L P D
FamV1 [G1]	Clean-Up	. . . . .		Kennedy (4) [Tiny]	Clean-Up	. . . . .	308 O P
FamV2 [G2]	Clean-Up	. . . . .		Kersplat [Ker]	Clean-Up	x x x x x	670 O P L
FamV3 [G3]	Clean-Up	. . . . .		Keypress [Key]	Clean-Up	. . . . .	1232 O L P
FamV4 [G4]	Clean-Up	. . . . .		Keypress (4) [Key]	Clean-Up	. . . . .	1232 O P D
Farcus [Farc]	Clean-Up	. . . . .	N/A B O P L	Kiev [Kiev]	Clean-Up	. . . . .	483 L O P
Father Christmas [VHP]	Clean-Up	. . . . .	1881 O P	Kiev-1 [K1]	Clean-Up	. . . . .	934 O L D
Fear [100]	Clean-Up	. . . . .	3000 P D	Kilroy [Klr]	Clean-Up	. . . . .	N/A O
Fear [DAME]	SCAN/D	. . . . .	Varies O P L	Klaeren [GH]	Clean-Up	. . . . .	981 O P L D
Feist [Fst]	Clean-Up	. . . . .	670 O P L	Korea (4) [Korea]	Clean-Up	. . . . .	N/A B O
Fellowship (4) [Fellow]	Clean-Up	. . . . .	1022 O P D L	Krivmous [Krv]	Clean-Up	. . . . .	993 P O
Fgt [GN]	Clean-Up	. . . . .	651 P	Kukaturbo [Kakt]	Clean-Up	. . . . .	Overwrites P
Fich [Fch]	Clean-Up	. . . . .	896 O P L	Kuzmitch [Kzm]	Clean-Up	. . . . .	1064 P O
File [Fil]	Clean-Up	. . . . .	1658 P D	LI [LI]	Clean-Up	. . . . .	144 O D
Filedate [FDT]	Clean-Up	. . . . .	553 O L P	LCV [LCV]	Clean-Up	. . . . .	N/A P
Filler [Filler]	Clean-Up	x x x x x	N/A B F L O	LZ [LZ]	Clean-Up	. . . . .	Spawning O
Fingers [Sub]	Clean-Up	. . . . .	1322 O P D	LZ 2 [LZ2]	Clean-Up	. . . . .	889 L P
Finn-357 [100]	Clean-Up	. . . . .	357 P D	Label [Label]	Clean-Up	. . . . .	Overwrites P
Fish (2) [Fish]	Clean-Up	x x x x x x x	3584 O P L	Lamer [Lam]	Clean-Up	. . . . .	1040 P D
Fish Boot [GenB]	Clean-Up	. . . . .	N/A O	Lanc [Lan]	Clean-Up	. . . . .	5476 O D
Flash [Flash]	Clean-Up	. . . . .	688 O P D L	Lanc5476 [Lan]	Clean-Up	. . . . .	5476 O D
Flip (5) [Flip]	Clean-Up	. . . . .	2343 O P D L	Lanc5882 [Lan]	Clean-Up	. . . . .	5476 O D
Flu-2 [Fl2]	Clean-Up	. . . . .	2112 P	Larry [Lar]	Clean-Up	. . . . .	507 P D L
Forger2 [For]	Clean-Up	. . . . .	1000 P D	Lazy [Lazy]	Clean-Up	. . . . .	720 O P
Form (4) [Form]	Clean-Up	. . . . .	N/A B O D	Leapfrog Virus (3) [Leap]	Clean-Up	. . . . .	516 O P D
Francois [Fra]	Clean-Up	. . . . .	1332 O P	Leach [Leach]	Clean-Up	x x x x x	934 P L D
Free [Free]	Clean-Up	. . . . .	692 P	Lehigh (2) [Lehigh]	Clean-Up	. . . . .	N/A P F
Prere Jacques [Mule]	Clean-Up	. . . . .	1811 O P	Leper AOD [OW]	Clean-Up	. . . . .	Overwrites
Fri13-nz [Fnz]	Clean-Up	. . . . .	512 O P D	Leprosy (7) [Vip]	Clean-Up	. . . . .	Overwrites P O L
Friday 13th COM [Fri13]	Clean-Up	. . . . .	512 P	Leprosy-3 (4) [Lep3]	Clean-Up	. . . . .	Overwrites L O P
Prodo Soft [FSof]	Clean-Up	. . . . .	563 O P D	Leprosy-B [Vip]	Clean-Up	. . . . .	Overwrites P O L
Prodo-458 [F458]	Clean-Up	. . . . .	563 O P D	Les [Les]	Clean-Up	. . . . .	205 P D L
Frogs [Frg]	Clean-Up	. . . . .	1500 P	Lib172 (2) [1186]	Clean-Up	. . . . .	1172 L O P
Fu Manchu (4) [Fu]	Clean-Up	. . . . .	2086 O P	Liberty (13) [Liberty]	Clean-Up	. . . . .	2862 O P
Fune [Fune]	Clean-Up	. . . . .	921 L P D	Lisbon (2) [VHP]	Clean-Up	. . . . .	648 P
Futhark [Futh]	Clean-Up	. . . . .	640 P	Little Brother 299 [100]	Clean-Up	. . . . .	Spawning P D
Geek [GK]	Clean-Up	. . . . .	466 P O	Little Brother [LB]	Clean-Up	. . . . .	307 P D L
Generic Boot [GenB]	Clean-Up	. . . . .	N/A B L O	Little Brother 349 [LB]	Clean-Up	. . . . .	349 P D L
Generic File [GenF]	Clean-Up	. . . . .	Varies P	Little Brother 361 [LB]	Clean-Up	. . . . .	361 P D L
Generic MBR [GenP]	Clean-Up	? x	See Note F L O	Little Girl [LG]	Clean-Up	. . . . .	1008 P D L O
Gergana (9) [Gerg]	Clean-Up	. . . . .	184 P O	Little Pieces [LPC]	Clean-Up	. . . . .	1374 O P
Get Password 1 [Jeru]	Clean-Up	. . . . .	1914 O P L	Lixonuke [Lix]	Clean-Up	. . . . .	1024 P D
Ghost Boot [Ghost]	Clean-Up	. . . . .	N/A B O	Loa Duong [Loa]	Clean-Up	. . . . .	N/A B O P L
Ghost COM [Ghost]	Clean-Up	. . . . .	2351 B P	Love Child (3) [LC]	Clean-Up	. . . . .	488 O D
Ghost Dos-62 [Gho]	Clean-Up	. . . . .	2351 B P	Lozinsky (4) [Loz]	Clean-Up	. . . . .	1023 O P D
Glass [Gls]	Clean-Up	. . . . .	1247 P D	Lucefer [Luc]	Clean-Up	. . . . .	1033 P D L
Goblin [CRJ]	Clean-Up	. . . . .	1951 O P L	Lycee [Lyc]	Clean-Up	. . . . .	1788 P O D
Gomb [Gomb]	Clean-Up	. . . . .	4091 P	M-128 [M128]	Clean-Up	. . . . .	128 L
Gosia [Gs]	Clean-Up	. . . . .	466 L O P	MG (4) [MG]	Clean-Up	. . . . .	500 L O P
Got-you [GY]	Clean-Up	. . . . .	3052 L P	MGTV Virus (4) [MGTV]	Clean-Up	. . . . .	273 O P D
Gotcha (4) [G4]	Clean-Up	. . . . .	806 O P	MIX1 (4) [Ice]	Clean-Up	. . . . .	1618 O P
Gotcha [Gto]	Clean-Up	. . . . .	879 O	MPC [MPC]	Clean-Up	. . . . .	689 O P L
Grapje [Gr]	Clean-Up	. . . . .	1039 L O P	MPS 1.1 [Mll]	Clean-Up	. . . . .	469 L O P
Greenlin [Alf]	Clean-Up	x x x x x	1146 O P L D	MPS 3.1 (3) [MPS]	Clean-Up	. . . . .	640 L O P
Green [Gre]	Clean-Up	. . . . .	743 L D	WSTU [GN]	Clean-Up	. . . . .	538 O P
Green Catapillar [Gcat]	Clean-Up	. . . . .	1575 L O	Macedonia [1385]	Clean-Up	. . . . .	400 L O P
Growing Block [GD]	Clean-Up	. . . . .	1446 O P L D	Madismo [Mds]	Clean-Up	. . . . .	Overwrites
Grunt [Grnt]	Clean-Up	. . . . .	344 P O	Magnum [Mgm]	Clean-Up	. . . . .	2560 P L D
Guppy [Guppy]	Clean-Up	. . . . .	152 O P	Malage [Mlg]	Clean-Up	. . . . .	2626 O P L
H-2 [H-2]	Clean-Up	. . . . .	1962 O	Malaise [Mls]	Clean-Up	. . . . .	1371 L D P
HA [HA]	Clean-Up	. . . . .	1472 O L D	Malmsey2 [Malm]	Clean-Up	. . . . .	1717 L D P
HBT [HBT]	Clean-Up	. . . . .	396 P D D	Malmsey[OW]	Clean-Up	. . . . .	Overwrites
HS [G4]	Clean-Up	. . . . .	4103 O P L	Maltese Amoeba [Irs]	Clean-Up	. . . . .	2505 O P L
Hacktlic [Hck2]	Clean-Up	. . . . .	Overwrites	Mannequin [Mn]	Clean-Up	. . . . .	778 O P L D
Hafen [Hafn]	Clean-Up	. . . . .	809 P	Mannola [Mno]	Clean-Up	. . . . .	957 L O P
Haifa [HF]	Clean-Up	x x x x x	2311 L O P	Manx [Man]	Clean-Up	. . . . .	1077 L O P
Halloehen [Hal]	Clean-Up	. . . . .	2051 L O P	Marauder [Mar]	Clean-Up	. . . . .	860 O P L
Halloween [HW]	Clean-Up	. . . . .	10000 L O P	Mardi Bros. (3) [Mardi]	Clean-Up	. . . . .	N/A B O
Happy N. Y. [HNY]	Clean-Up	. . . . .	1865 P O	Mayak [Mayk]	Clean-Up	x x x x x	2339 P O
Happy [Hpp]	Clean-Up	. . . . .	453 O P	McWhale [MCAF]	Clean-Up	. . . . .	1125 D P L
Hara [kiri]	Clean-Up	. . . . .	5488 O P D	Medical [Med]	Clean-Up	. . . . .	189 D P O
Hary [Hary]	Clean-Up	. . . . .	997 O L P	Meditation [100]	Clean-Up	. . . . .	299 P D L
Hastings [Hst]	Clean-Up	. . . . .	N/A O L	Mexican Mud [Mex]	Clean-Up	. . . . .	575 P L
Hellween 1182 [1182]	Clean-Up	. . . . .	1376 P	MFace [Mfc]	Clean-Up	. . . . .	1441 O P L
Here [Hre]	Clean-Up	. . . . .	N/A O	Michaelangelo [Mich]	Clean-Up	. . . . .	N/A B O
Hero (2) [G3]	Clean-Up	. . . . .	506 L O P	Microbes [Micro]	Clean-Up	. . . . .	M-Disk B O D
Hero-394 [HrB]	Clean-Up	. . . . .	394 L O P	Miky [Miky]	Clean-Up	. . . . .	2350 O P L
Hi [Hi]	Clean-Up	. . . . .	460 P D	Mindless [OW]	Clean-Up	. . . . .	Overwrites
Highland[High]	Clean-Up	. . . . .	477 O D	Mini Virus (4) [M45]	Clean-Up	. . . . .	Varies O P

Mirror (2) [Mirror]	Clean-Up	. . . x	928	O P	Sadist [Sadt]	Clean-Up	. . . . . x	1436	P O
Mix2 [MX2]	Clean-Up	. . . x x x x x	2280	O P	Sandwich [Sand]	Clean-Up	. . . x	1172	P D L
Mocetuzuma [MC]	Clean-Up	. . . x x x x x	2208	L O P	Saratoga [Doodle]	Clean-Up	. . . x	656	P L B
Mono [G1]	Clean-Up	. . . x x x	1063	L O P	Saturday [Sat14]	Clean-Up	. . . x	669	P L
Monkla3 (3) [VHP]	Clean-Up	. . . x x x	939	O P	Saturday 14th (3) [Arma]	Clean-Up	. . . x . . . x x	685	F O P L
Monkla-B [MX-B]	Clean-Up	. . . . . x x	535	O P L	Scott's Valley [2133]	Clean-Up	. . . x x . . . x x x	2333	L O P D
Mosquito [Mosq]	Clean-Up	. . . x	1028	O D P	Scream 2 [Sc2]	Clean-Up	. . . . . x x x x x	1324	O
Mozkin [Hf]	Clean-Up	. . . x x x x x	2357	L O P	Screaming Fist I	Clean-Up	. . . . . x x x x x	1191	O P D
Mr. Vir [MV]	Clean-Up	. . . . . x x	508	L P D	Screaming Fist [Scr]	Clean-Up	. . . . . x x x x x	711	O P L
Msk [100]	Clean-Up	. . . . . x x x x x	252	L P D	Screaming Fist-2 [696]	Clean-Up	. . . . . x x x x x	696	O P L
Mugshot [Msht]	Clean-Up	. . . . . x x x x x	700	L P D	Scribble [OW]	Clean-Up	. . . . . x	Overwrites	
Mule [Mule]	Clean-Up	. . . . . x x x x x	4126	L P O	Scroll [ScL]	Clean-Up	. . . x x x x x	1306	O L P
Mule (2) [Mule]	Clean-Up	. . . x x x x x	4171	O P D	Scythe2D [Scy]	Clean-Up	. . . x x x x x	1208	D O
Multi [M-123]	Clean-Up	. . . . . x x	123	L O P	Secrets [OW]	Clean-Up	. . . . . x x x x x	Overwrites	
Multi-2 [M12]	Clean-Up	. . . . . x x x x x x	927	L O P	Semtex [Set]	Clean-Up	. . . . . x x x x x	1000	L O P
Mummy [Mum]	Clean-Up	. . . . . x x	974	L	Sentinel (3) [Sent]	Clean-Up	. . . . . x x x x x	446	L O P D
Munich [Mnc]	Clean-Up	. . . . . x	Varies	O P	Sentinel-X [BCV]	Clean-Up	. . . . . x x x x x	4625	L O P D
Murphy (6) [Murphy]	Clean-Up	. . . . . x x x x x	1277	O P	Serena [100]	Clean-Up	. . . . . x	792	L P D
Music Bug (11) [Mbug]	Clean-Up	. . . . . x	N/A	B O	Sergeant [Ser]	Clean-Up	. . . . . x x x x x	122	L D
Mutant (8) [Mut]	Clean-Up	. . . . . x x	123	L O P	Sh [Sh]	Clean-Up	. . . . . x x x x x	Overwrites	L O P
Mutation Engine [DAME]	SCAN /D	. . . x x x x x	Varies	O P	Shadow [100]	Clean-Up	. . . . . x	713	
NCU Li [Li]	Clean-Up	. . . . . x x	1704	O P D	Shadow (3) [Sha]	Clean-Up	. . . . . x x x x x	723	O P
NED [100]	Clean-Up	. . . x x x x x x	2048	P D	Shake (2) [Shake]	Clean-Up	. . . . . x	476	O P
NOP [NOP]	M-Disk	. . . . . x	N/A	O B L	Shield [Shd]	Clean-Up	. . . . . x	127	O
NPOX 2.0 [NPX]	Clean-Up	. . . . . x x x x x	2048	D P L	Silence [Sil]	Clean-Up	. . . . . x x x x x	555	P L
NPOX 2.1 [NPX]	Clean-Up	. . . . . x x x x x	1774	D P L O	Silly Willy [SilW]	Clean-Up	. . . . . x x x x x	2313	P D
Nazi [Naz]	Clean-Up	. . . . . x	N/A	O P	Silver3b [OW]	Clean-Up	. . . . . x x x x x	2071	P D
Necro [NPeAr]	Clean-Up	. . . . . x	1832	O P D	Simulati [Sim]	Clean-Up	. . . . . x	1257	L O P
Necrophilia [Nec]	Clean-Up	. . . . . x x x x x	Varies	O P L D	Sis (2) [Sis]	Clean-Up	. . . . . x x x x x	2380	O P L
New Sunday [NSun]	Clean-Up	. . . . . x . . . x x	1636	O P L D	Sk [Sk]	Clean-Up	. . . . . x	1147	P L
New-1701 [1701]	Clean-Up	. . . . . x x x x x	1701	L P L	Sk1 [Sk1]	Clean-Up	. . . . . x	1147	P D
Newcom [Alf]	Clean-Up	. . . . . x x x x x	3045	O	Skism [Jeru]	Clean-Up	. . . . . x . . . x x	1815	O P
Nina [Nina]	Clean-Up	. . . . . x x x x x	256	O P D	Skism808 [100]	Clean-Up	. . . . . x	808	P L D
Nines Compliment [Nns]	Clean-Up	. . . . . x x x x x	705	O P L	Slayer [Slay]	Clean-Up	. . . . . x . . . x x x	5120	O P L D
Ninja [NJa]	Clean-Up	. . . . . x x . . . x x	1634	O P D	Slovak [Slv]	Clean-Up	. . . . . x	1771	P D
No Wednesday [NWed]	Clean-Up	. . . . . x	524	L P	Slow (5) [Slow]	Clean-Up	. . . . . x x x x x x	1721	O P L
No-Int [Stoned]	Clean-Up	. . . . . x	N/A	O	Sma-108a [Sma]	Clean-Up	. . . . . x x x x x	108	O D L
NoBock [Nbk]	Clean-Up	. . . . . x	440	L O P	Small [100]	Clean-Up	. . . . . x	349	P D L
Nomenclature (4) [Nom]	Clean-Up	. . . . . x x x x x	1024	O P D	Small-38 [M45]	Clean-Up	. . . . . x	38	O P L
Null [NL]	Clean-Up	. . . . . x	733	P	Smallarc [100]	Clean-Up	. . . . . x	236	L D
Nygas-KL [Nkl]	Clean-Up	. . . . . x	757	P D	Smallaxe [100]	Clean-Up	. . . . . x	349	O P L
Off Stealth [SVC50]	Clean-Up	. . . x x x x x x	1689	O P D	Smily [G2]	Clean-Up	. . . . . x x x x x	1987	O P L
Ohio [Ohio]	Clean-Up	. . . . . x	N/A	B O	Socha [SCH]	Clean-Up	. . . . . x	N/A	P
Ont (417)	Clean-Up	. . . . . x x x x x	413	P D L	Solano (4) [Sub]	Clean-Up	. . . . . x	2000	O P L
Ontario [Ont]	Clean-Up	. . . . . x x x x x x	Varies	O P D	Something [658]	Clean-Up	. . . . . x x x x x	658	L P
Ontario 3 [Ont]	Clean-Up	. . . . . x x x x x	744	O P L	Sorry (3) [Sorry]	Clean-Up	. . . . . x x x x x	731	O P
Oropax (5) [Oro]	Clean-Up	. . . . . x	2773	P O	Sov (3) [Sov]	Clean-Up	. . . . . x	545	L O P
Otto-415 [100]	Clean-Up	. . . . . x	640	L D	Soyun [Soy]	Clean-Up	. . . . . x x x x x	2064	L P D
P-45 [P45]	SCAN /D	. . . . . x	N/A	P	Spanish [Spain]	Clean-Up	. . . . . x x x x x	2930	L O P
P1 (7) [P1r]	Clean-Up	. . . . . x x	Varies	O P D L	Spanish April Fool [D28]	Clean-Up	. . . . . x	1400	O
P529 [529]	Clean-Up	. . . . . x x x x x	529	O P D	Spanz [Spz]	Clean-Up	. . . . . x x x x x	663	O D
PA-5792 [PA]	Clean-Up	. . . . . x	5792	O P L	Spar [Spar]	Clean-Up	. . . . . x x x x x	1255	O P
PC Flu [802]	Clean-Up	. . . . . x x x x x	802	L O P	Spyer [Spyer]	Clean-Up	. . . . . x . . . x x	1181	O P
PCBB1 [PCB]	Clean-Up	. . . . . x x x x x	1677	P	Spyer (3) [GD]	Clean-Up	. . . . . x . . . x x x	1181	O P
PCBB3072 [PCB]	Clean-Up	. . . . . x x x x x	1677	P	Squawk [Sqk]	Clean-Up	. . . . . x x x x x x	852	O P L
PCBB5B [PCB]	Clean-Up	. . . . . x x x x x	1677	P	Squeaker [Sqe]	Clean-Up	. . . . . x x x x x	1091	L O P
PCV [PCV]	Clean-Up	. . . x . . . x x x	1904	L O P	Squisher [Squ]	Clean-Up	. . . . . x x x x x	Overwrites	
PI [PI]	Clean-Up	. . . . . x	1568	D P	Staf [Staf]	Clean-Up	. . . . . x x x x x	2083	O P L
PS-MPC [PS-MPC]	Clean-Up	. . . . . x x x x x	Varies	O P D L	Stahl Platte [Sta]	Clean-Up	. . . . . x	750	O P
Padded [Pad]	Clean-Up	. . . . . x	2589	O P L	Star Dot [Sdot]	Clean-Up	. . . . . x	604	P D
Page [100]	Clean-Up	. . . . . x x x x x	570	P L	Star Dot (4) [Sdot]	Clean-Up	. . . . . x	Varies	O P L O
Pakistani Brain (8) [Brain]	Clean-Up	. . . . . x	N/A	B	Stardot-801 (3) [I-F]	Clean-Up	. . . . . x x x x x	604	D F L O P
Parasite [Par]	Clean-Up	. . . . . x	1132	P O	Stick [ML2]	Clean-Up	. . . . . x x x x x x	1407	L O D F
Parasite-2B [Ps2]	Clean-Up	. . . . . x x x x x	903	P O F	Stink [Str]	Clean-Up	. . . . . x	1254	L O P
Paris [Paris]	Clean-Up	. . . . . x x x x x	4909	P D L	Stink2 [Str2]	Clean-Up	. . . . . x x x x x	309	P D
Parly [G2]	Clean-Up	. . . . . x	441	O P D	Stone-90 [VHP]	Clean-Up	. . . . . x	961	O P
Particle Man [PMN]	Clean-Up	. . . . . x x x x x	690	P L O	Stoned [Stoned]	Clean-Up	. . . . . x	N/A	O
Pas-4260 [OW]	Clean-Up	. . . . . x	Overwrites		Striker [STR]	Clean-Up	. . . . . x x x x x	461	D O P F
Pas-5220 [P5220]	Clean-Up	. . . . . x x x x x	5220	P L D	Stupid [100]	Clean-Up	. . . . . x x x x x	608	D P O
PathHunt [Ph]	Clean-Up	. . . . . x	1231	L O P	Subliminal (3) [Sub]	Clean-Up	. . . . . x x x x x	1496	O P
Patient [Pt]	Clean-Up	. . . . . x x x x x	1504	L O P	Suicide [Sui]	Clean-Up	. . . . . x x x x x	1992	P D
Payday [Jeru]	Clean-Up	. . . . . x x x x x	1808	P	Sunday (6) [Sunday]	Clean-Up	. . . . . x . . . x x x	1636	O P
Peach [Pch]	Clean-Up	. . . . . x x x x x	889	P	Sunday-2 [Su2]	Clean-Up	. . . . . x x x x x x	2877	L O P
Pentagon [Pentagon]	M-Disk	. . . . . x	N/A	B	Surv 402 [GR]	Clean-Up	. . . . . x x x x x	86	L P
Penza [Pnz]	Clean-Up	. . . . . x x x x x	740	D P	Surv A (2) [SurvivA]	Clean-Up	. . . . . x	897	P O
Perfume (2) [Fume]	Clean-Up	. . . . . x	765	P	Surv B [SurvivB]	Clean-Up	. . . . . x x x x x	1813	O P
Pest (8) [Murphy]	Clean-Up	. . . . . x x x x x	1910	O P L	Surrender [707]	Clean-Up	. . . . . x x x x x x	513	O P L
Phantom [Pht]	Clean-Up	. . . . . x x x x x	2253	O P	Sverdlow (2) [Sv]	Clean-Up	. . . . . x x x x x	1962	O P
Piazzola [Pia]	Clean-Up	. . . . . x	874	O P	Swap Boot [Swb]	Clean-Up	. . . . . x	N/A	B
Pig [Pig]	Clean-Up	. . . . . x x x x x	407	O P L	Swiss 143 [Gtc]	Clean-Up	. . . . . x	143	O P D
Ping Pong-B (7) [Ping]	Clean-Up	. . . . . x	N/A	O B	Swiss Phoenix [SPH]	Clean-Up	. . . . . x x x x x	927	O P L
Pirate [Pir]	Clean-Up	. . . . . x x x x x	Overwrites	L O P	Sylvia [Sylvia]	Clean-Up	. . . . . x	1332	L O P
Pitch [Pch]	Clean-Up	. . . . . x x x x x	593	O D L	Sys Virus [Sys]	Clean-Up	. . . . . x x x x x x	N/A	O P D
Pixel (5) [Pix]	Clean-Up	. . . . . x x x x x	779	O P	Syslock/3551 [Syslock]	Clean-Up	. . . . . x	3551	P D
Plague (3) [Plg]	Clean-Up	. . . . . x x x x x	Overwrites		TWM [TWM]	Clean-Up	. . . . . x x x x x	441	O D
Plastique (9) [Plq]	Clean-Up	. . . . . x x x x x	3012	O P D	Tabulero 2 [100]	Clean-Up	. . . . . x	2048	P D
Platinum [GE]	Clean-Up	. . . . . x . . . x x x	1489	O P L D	Tabulero [Tab]	Clean-Up	. . . . . x	2062	P D
Plov [Plov]	Clean-Up	. . . . . x x x x x	1000	L O P	Taiwan (11) [Taiwan]	Clean-Up	. . . . . x	708	P
Plumbum [100]	Clean-Up	. . . . . x	534	P O	Taiwan3 [T3]	Clean-Up	. . . . . x x x x x	2905	O P D L
Plutto [Plu]	Clean-Up	. . . . . x	602	L O D	Taiwan4 [JeruA]	Clean-Up	. . . . . x x x x x	2576	O P D
Poem [Pm]	Clean-Up	. . . . . x x x x x	1825	F L O P	Telecom Boot [Tele]	M-Disk	. . . . . x x	N/A	B P
Pogue [Pog]	SCAN /D	. . . . . x x x x x	Varies	L O P	Telecom File [Tele]	Clean-Up	. . . . . x x	3700	B P O D
Pojer [Poj]	Clean-Up	. . . . . x x x x x	1919	P D L	Telekom [GFK]	Clean-Up	. . . . . x	1077	P O L
Polimer [Polimer]	Clean-Up	. . . . . x x x x x	512	O P D	Tequila [Teq]	Clean-Up	. . . . . x x x x x x	249	L O P L
Polish Tiny [Plt]	Clean-Up	. . . . . x	150	P D	Terror (3) [Ter]	Clean-Up	. . . . . x x x x x	1085	O P F
Polish 217 [P-217]	Clean-Up	. . . . . x	217	O	Tester [TV]	Clean-Up	. . . . . x x x x x	1000	P O
Polish-2 [Pol-2]	Clean-Up	. . . . . x x x x x	512	O P D	Thursday 12th [T12]	Clean-Up	. . . . . x	2175	P D
Polish-583 [P583]	Clean-Up	. . . . . x x x x x	583	P P D	TimeMark [Tim]	Clean-Up	. . . . . x	1076	P D
Possessed (6) [Poss]	Clean-Up	. . . . . x x x x x	2443	L O P	Timid [Tmd]	Clean-Up	. . . . . x	306	L O P
Pregnant [Prg]	Clean-Up	. . . . . x x x x x	1199	L O P	Timid-LM [TLM]	Clean-Up	. . . . . x	305	L O P
Prime [Prm]	Clean-Up	. . . . . x x x x x	580	P D	Timid305 [Timid]	Clean-Up	. . . . . x x x x x	305	L O P
Prime Evil B [PEB]	Clean-Up	. . . . . x	580	P D	Tiny (31) [Tiny]	Clean-Up	. . . . . x	163	O P
Print Screen (2) [PrtScr]	M-Disk	. . . . . x	N/A	B O D	Tiny 133 [T133]	Clean-Up	. . . . . x x x x x	133	O
Prism [Flip]	Clean-Up	. . . . . x x x x x x	214	B F L O P	Tokio [Tdx]	Clean-Up	. . . . . x	1258	L O P
Prob-734 [100]	Clean-Up	. . . . . x x x x x	734		Tokyo [Tokyo]	Clean-Up	. . . . . x	1	

USSR 711 [U711]	Clean-Up	. x	711	P D
USSR 830 [U830]	Clean-Up	. . x x	830	O P
USSR 948 [U948]	Clean-Up	. x . . x x x	948	O P D
Ucender [Jeru]	Clean-Up	. . x x x x x	1783	O P L
Unk [Unk]	Clean-Up	. . x x x x	1015	P
V-Label [Label]	Clean-Up	. . . . .	Overwrites	L P
V1-Not [OW]	Clean-Up	. . . . .	Overwrites	
V1028 [QP2]	Clean-Up	. . x x x x	1028	O P L
V125 [M128]	Clean-Up	. . . . .	125	P
V1463 [1452]	Clean-Up	. . . . .	1463	O P
V1_0 [OW]	Clean-Up	. . . . .	Overwrites	
V1_1 [OW]	Clean-Up	. . . . .	Overwrites	
V2000 (3) [RKO]	Clean-Up	. . . . .	2000	O P L
V2100 (5) [RKO]	Clean-Up	. . . . .	2100	O P D L
V270X [268P]	Clean-Up	. . . . .	270	O P L D
V299 [V299]	Clean-Up	. . . . .	299	O P D
V2P2 [v2p2]	Clean-Up	. . . . .	Varies	L O P
V2P6 [V2P6]	Clean-Up	. . . . .	Varies	L O P
V2_0 [OW]	Clean-Up	. . . . .	Overwrites	
V400 (5) [MCE]	Clean-Up	. . . . .	Varies	O P D
V483 [G3]	Clean-Up	. . . . .	483	O P
V5 [V-5]	Clean-Up	. . . . .	547	O D
V600 [V600]	Clean-Up	. . . . .	600	O P L
V800 (3) [V800]	Clean-Up	. . . . .	800	O P L
V801 [V801]	Clean-Up	. . . . .	801	O P L
V82 [V82]	Clean-Up	. . . . .	2000	O P L
V914 [914]	Clean-Up	. . . . .	914	O P
V961 [V961]	Clean-Up	. . . . .	961	O P
VA [VA]	Clean-Up	. . . . .	1651	O P L
VCL [Con]	Clean-Up	. . . . .	576	O P
VCL-HEEVE	Clean-Up	. . . . .	514	O P
VCS [100]	Clean-Up	. . . . .	1077	D P
VDV-853 [VDV]	Clean-Up	. . . . .	853	O P L
VHP (7) [VHP]	Clean-Up	. . . . .	Varies	L O P
VHP-2 [VHP2]	Clean-Up	. . . . .	N/A	P O
VM [VM]	Clean-Up	. . . . .	3291	P L D
VP [VP]	Clean-Up	. . . . .	913	L O P
VTS [VTS]	Clean-Up	. . . . .	N/A	P
VVP-34 [vvf]	Clean-Up	. . . . .	1628	P L
Vacsina (19) [Vacs]	Clean-Up	. . . . .	1206	O P
Vcomm (5) [Vcomm]	Clean-Up	. . . . .	1074	O P L
Venge-E [OW]	Clean-Up	. . . . .	1132	L P D
Victor (2) [Victor]	Clean-Up	. . . . .	2458	P D L
Vienna/648 (49) [Lisbon]	Clean-Up	. . . . .	648	P
Vietnamese [Vt]	Clean-Up	. . . . .	950	P D L
Violator (5) [Vienna]	Clean-Up	. . . . .	1055	O P D
Viper [Vip]	Clean-Up	. . . . .	Overwrites	L O P

Virdem [100]	Clean-Up	. . . x x	1236	P D L
Virus-101 [V101]	Clean-Up	. . x x x x x x	2560	P
Virus-90 [90]	Clean-Up	. . . . .	857	P
Virus90 [V9]	Clean-Up	. . . . .	857	P D L
Voronezh (2) [Vor]	Clean-Up	. . x x x x x	1600	O P D
Vote/Vote100[Vot]	Clean-Up	. . . . .	1000	P D L
Vriest [1241]	Clean-Up	. . . . .	1280	L O P
W13 (4) [G2]	Clean-Up	. . . . .	532	O P
WWT (3) [WWT]	Clean-Up	. . . . .	Varies	L O P
Walkabout [Walk]	Clean-Up	. . x x x x	573	O D L
Walker [Wlk]	Clean-Up	. . . . .	3861	O P L
Warrior [War]	Clean-Up	. . . . .	1024	O
Warrior 2 [war2]	Clean-Up	. . . . .	1024	O P
Whale (34) [Whale]	Clean-Up	. . x x x x x x	9216	L O P D
Why_win [Why]	Clean-Up	. . . . .	1328	L P
Wilbur [100]	Clean-Up	. . . . .	891	
Wilbur 3 [100]	Clean-Up	. . . . .	891	
WinVir [WinVir]	Clean-Up	. . . . .	854	P D
Windmill [Wm]	Clean-Up	. . . . .	N/A	B
Wisconsin (3) [Wisc]	Clean-Up	. . . . .	825	O P D
Wolfman (3) [Wolf]	Clean-Up	. . . . .	2064	O P
Wonder [Wond]	Clean-Up	. . . . .	Overwrites	L O P
Wordswap (4) [Ws]	Clean-Up	. . . . .	Varies	D F L O P
X-1 [100]	Clean-Up	. . . . .	578	
X-2 [100]	Clean-Up	. . . . .	795	
Xabaras [Xab]	Clean-Up	. . . . .	Overwrites	L O P
Xpoh [XP]	Clean-Up	. . . . .	4016	O P D
Xuxa [GR]	Clean-Up	. . . . .	1413	O P L
Yale/Alameda (3) [Alameda]	Clean-Up	. . . . .	N/A	B
Yan2505a [Yan]	Clean-Up	. . . . .	2899	P O
Yankee [Doodle]	Clean-Up	. . . . .	2899	P O
Yankee 2 [Doodle2]	Clean-Up	. . . . .	1961	P O
Yap [Yap]	Clean-Up	. . . . .	6258	L O P
Youth [Yth]	Clean-Up	. . . . .	640	L P D
Yukon [OW]	Clean-Up	. . . . .	Overwrites	
Z10 [Z10]	Clean-Up	. . . . .	704	P L
ZK900 [Z900]	Clean-Up	. . . . .	900	L O P
ZRK (3) [ZRK]	Clean-Up	. . . . .	2968	O L P
ZUL [ZUL]	Clean-Up	. . . . .	473	P L O
ZY [ZY]	Clean-Up	. . . . .	924	P L
Zaragosa [Zar]	Clean-Up	. . . . .	1159	L O P
Zeppelin [Zpp]	Clean-Up	. . . . .	1508	L P O
Zero Bug/1536 [Zero]	Clean-Up	. . . . .	1536	O P
ZeroHunt [Hunt]	Clean-Up	. . . . .	N/A	O P D

Total Number of Viruses, including variants: 1561

LEGEND

Size Increase:

- N/A Virus does not attach to files.
- None Virus does not change file size (uses unused space in file or manipulates file linkages)
- Overwrites Virus overwrites beginning of file no file size change
- All Others The length in bytes by which a file will increase when infect

Damage Fields:

- B Corrupts or overwrites the boot sector
- D Corrupts data files
- F Formats or overwrites all/part of disk
- L Directly or indirectly corrupts file linkage
- O Affects system run-time operation
- P Corrupts program or overlay files

Characteristics:

- x Yes
- No

Disinfectors:

- Clean-Up Clean-Up universal virus disinfecter
- SCAN /D VIRUSCAN with /D option
- SCAN /D /A VIRUSCAN with /D and /A options
- MDISK /P MDISK with "P" option (See Note)
- All Others The name of disinfecting program
- SCAN /D OPTION

The SCAN /D options will overwrite and then delete the entire infected program. The program must then be replaced from the original diskette or a backup. Files removed in this manner can not be recovered by UNDELETE programs. If you wish to try and recover an infected program then use the above-named disinfecter.

MDISK

MDISK can be used to repair virus-infected master boot record (partition table) code and boot sector code on DOS 3.00 to 4.01 partitioned diskettes. For replacing the MBR code on MS-DOS 5.00 partitioned hard disks, use the FDISK.EXE program with the undocumented /MBR switch.

OVERLAY-INFECTING VIRUSES AND THE /A OPTION

If a virus infects Overlay Files (Item 7) Clean-Up should be used with the /A option when removing the virus.

GENERIC BOOT SECTOR [GENB], MBR [GENP] AND FAMILY [FAMx] VIRUSES

In order to detect non-specific (new or unknown) viruses, VIRUSCAN contains code that will search files and system areas of a disk for virus-like mechanisms. If such code is found in the Master Boot Record (partition table), SCAN will report the presence of a Generic Partition Table [GenP] virus. If such code is found in the DOS Boot Sector, SCAN will report the presence of a Generic Boot Sector [GenB] virus. If such a virus is reported, it can be removed by running CLEAN-UP with the appropriate I.D. code, however, please forward a copy of the virus to McAfee Associates for analysis prior to doing so.

Please note that some security and anti-viral programs which replace the MBR with custom code may be reported as the [GenP] virus. If you are running such a program, deinstall it and re-run VIRUSCAN.

The Family viruses are a number of viruses, usually very recent, using standard viral code. SCAN is able to detect them through generic detection, but CLEAN does not have the ability to remove those. As with the GENB and GENP viruses, please forward a copy of an viruses of this sort to McAfee Associates for analysis and identification.

OVERWRITING VIRUSES AND THE [OW] CLEAN-UP CODE

Viruses that overwrite sections of programs with their own code do permanent, irreparable damage to the infected file. The user will find the infected program impossible to execute. Viruses designated with the [OW] CLEAN-UP code are not able to be cleaned, and CLEAN-UP will prompt the user with a message warning that the file cannot be repaired and must be deleted. □