

# **VListL**

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**COLLABORATORS**

	<i>TITLE :</i> VListL		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## VListL

### 1.1 VIRUSES - L

This is a part of the "Amiga Virus Bible"  
and is ment to be used with - and started from -  
AVB.Guide

L.A.D.S

LameBlame!

Lamer 1.0

Lamer 2.0

Lamer 3.0

Lamer Exterminator 1.0

Lamer Exterminator 2.0

Lamer Exterminator 3.0

Lamer Exterminator 4.0

Lamer Exterminator 5.0

Lamer Exterminator 6.0

Lamer Exterminator 7.0

Lamer Exterminator 8.0

LE

Leviathan

LH Warp Trojan

Liberator 1.21

---

Liberator 3.0  
Liberator 5.01  
Logic Bomb  
Loverboy & The Sexmachine  
LSD  
Lummin  
Lz 2.0 Trojan  
Lz linkvirus

## 1.2 l.a.d.s

Name : L.A.D.S.  
Aliases :  
Type/Size : Boot virus/ 1024 bytes  
Incidence : -  
Discovered : -  
Way to infect: See below  
Rating : Not very dangerous  
Kickstarts : 1.2/1.3  
Damage : Overwrites bootblock  
Manifestation: DisplayAlert  
Removal : Install the virus bootblock  
Comments : The L.A.D.S virus pretend to trick you by giving a DisplayAlert as to be a virus hunter bootblock, but don't trust it.

When you boot with a L.A.D.S infected disk you will get the following message (1):

```
(1) "L.A:D:S Virus Hunter  
No virus in memory  
Press any mouse button"
```

After infection and the 5.th resets your mouse moving will be affected and after the 8.th resets you will

---

get the following DisplayAlert (2):

```
(2) "AMIGA COMPUTING Presents:
    The GREMLIN Virus
    All Code (c) 1989 By Simon Rockman:
```

See the screendump of the LADS virus!

### 1.3 lameblame!

```
Name           : LameBlame!
Aliases        : Chaos, Taipan-Chaos, CHEATER HIJACKER, POLISH
Type/Size      : Boot virus/ 1024 bytes
Incidence      : -
Discovered     : -
Way to infect  : See below
Rating         : Not very dangerous
Kickstarts     : 1.2/1.3/2.04
Damage         : Overwrites bootblock
Manifestation  : DisplayAlert: LameBlame! by Tai-Pan and so on...
Removal        : Install the virus bootblock
Comments       : Originates from Virusinstall V2.0
                  Changes Cool, DoIo.
```

See screendump of the LameBlame virus!

### 1.4 lamer-1.0.txt

```
==== Computer Virus Catalog 1.2: LAMER 1.0 Virus (5-June-1990) =====
Entry.....: LAMER 1.0 Virus
Alias(es).....: LAMER EXTERMINATOR 1.0 Virus
Virus Strain.....: LAMER Virus
Virus detected when.: October 1989
                  where.: Elmshorn, FRG
Classification.....: system virus (bootblock), resident
Length of Virus.....: 1. length on storage medium: 1024 byte
                  2. length in RAM           : 1024 byte
----- Preconditions -----
Operating System(s) : AMIGA-DOS
Version/Release.....: 1.2/33.180
```

```

Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification.: typical text: bootblock: ---
                        in memory: 'The LAMER Exterminator !!!'
Type of infection...: self-identification method: 422th word ($ABCD)
                        on bootblock kicktag pointer = pointer to
                        virus data.
                        system infection: RAM resident, reset resident,
                        bootblock
Infection Trigger...: reset (CONTROL + Left-AMIGA + Right-AMIGA),
                        operation: any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked...: ---
Damage.....: permanent damage: overwrites bootblock; simulates
                        standard bootblocks when examined with any
                        tool; destroys blocks by overwriting them
                        with an endless sequence of the ASCII string
                        'Lamer!!!', which will cause a read/write
                        error on the affected storage media.
                        transient damage: ---
Damage Trigger.....: permanent damage: reset
                        operation: 2 resets and 3 infections
                        transient damage: ---
Particularities.....: uses StartIOVector; other resident programs using
                        the system resident list (KickTagPointer,
                        KickMemPointer) are shut down; virus encodes
                        itself at every new infection beginning with
                        byte 53, while byte 17 to 52 keep unchanged.
Similarities.....: LAMER EXTERMINATOR viruses
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                        Category 1: .2 Monitoring System Vectors:
                                'CHECKVECTORS 2.2'
                                .3 Monitoring System Areas:
                                'CHECKVECTORS 2.2','GUARDIAN 1.2',
                                'VIRUSX 4.0'
                        Category 2: Alteration Detection: ---
                        Category 3: Eradication: 'CHECKVECTORS 2.2',
                                'VIRUSX 4.0'
                        Category 4: Vaccine: ---
                        Category 5: Hardware Methods: ---
                        Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions: 'CHECKVECTORS 2.2',
                                'VIRUSX 4.0'
                                with restrictions: 'GUARDIAN 1.2'
Standard means.....: 'CHECKVECTORS 2.2'
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, FRG
Classification by...: Alfred Manthey Rojas
Documentation by...: Alfred Manthey Rojas
Date.....: 5-June-1990
Information Source..: ---
===== End of LAMER (EXTERMINATOR) 1.0 Virus =====

```

## 1.5 lamer-2.0.txt

```

===== Computer Virus Catalog 1.2: LAMER 2.0 Virus (5-June-1990) =====
Entry.....: LAMER 2.0 Virus
Alias(es).....: LAMER EXTERMINATOR Virus
Virus Strain.....: LAMER EXTERMINATOR Virus
Virus detected when.: April 1989
                where.: Elmshorn, FRG
Classification.....: system virus (bootblock), resident
Length of Virus.....: 1. length on storage medium: 1024 byte
                   2. length in RAM           : 1024 byte
----- Preconditions -----
Operating System(s).....: AMIGA-DOS
Version/Release.....: 1.2/33.166, 1.2/33.180, 1.3/34.5
Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification.: typical text: bootblock: ---
                   in memory: 'The LAMER Exterminator !!!'
Type of infection....: self-identification method: 423th word ($ABCD)
                   on bootblock kicktag pointer = pointer to
                   virus code
                   system infection: RAM resident, reset resident,
                   bootblock
Infection Trigger....: reset (CONTROL + Left-AMIGA + Right-AMIGA)
                   operation: any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked....: ---
Damage.....: permanent damage: overwrites bootblock; simulates
                   standard bootblocks when examined with any
                   tool; fast formatting disks
                   transient damage: ---
Damage Trigger.....: permanent damage: reset
                   operation: 2 resets and 3 in-
                   fections
                   transient damage: ---
Particularities.....: uses StartIOVector; other resident programs using
                   the system resident list (KickTagPointer,
                   KickMemPointer) are shut down;
                   virus has also been found in a trojan horse
                   version; virus is linked to the 'LoadWB'
                   command of CLI, so the infection of system
                   and the non-standard bootblocks produced by
                   this virus isn't detected by many virus tools
                   (see above); trojan horse version isn't a link
                   virus! Virus text is uncoded here and may be
                   read with hexdump tools. This version contains
                   a small code section to make the virus resident
                   beside the original LAMER bootblock; after im-
                   plantation of virus the real 'LoadWB' command
                   is executed. Virus encodes itself every new
                   infection from byte 73, first 72 byte remain
                   unchanged except byte 5-8 (bootblock checksum).
Similarities.....: LAMER EXTERMINATOR viruses
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                   Category 1: .2 Monitoring System Vectors:

```



```

'CHECKVECTORS 2.2'
.3 Monitoring System Areas:
'CHECKVECTORS 2.2','GUARDIAN 1.2',
'VIRUSX 4.0'
Category 2: Alteration Detection: ---
Category 3: Eradication: 'CHECKVECTORS 2.2',
'VIRUSX 4.0'
Category 4: Vaccine: ---
Category 5: Hardware Methods: ---
Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions: 'CHECKVECTORS 2.2',
'VIRUSX 4.0'
with restrictions: 'GUARDIAN 1.2'
Standard means.....: 'CHECKVECTORS 2.2'
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, FRG
Classification by...: Alfred Manthey Rojas
Documentation by....: Alfred Manthey Rojas
Date.....: 5-June-1990
Information Source..: ---
===== End of LAMER (EXTERMINATOR) 2.0 Virus =====

```

## 1.6 lamer-3.0.txt

```

===== Computer Virus Catalog 1.2: LAMER 3.0 Virus (5-June-1990) =====
Entry.....: LAMER 3.0 Virus
Alias(es).....: LAMER EXTERMINATOR 3.0 Virus
Virus Strain.....: LAMER EXTERMINATOR Virus
Virus detected when.: October 1989
where.: Elmshorn, FRG
Classification.....: system virus (bootblock), resident
Length of Virus.....: 1. length on storage medium: 1024 byte
2. length in RAM : 1024 byte
----- Preconditions -----
Operating System(s)..: AMIGA-DOS
Version/Release.....: 1.2/33.166, 1.2/33.180, 1.3/34.5
Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification.: typical text: bootblock: ---
in memory: 'The LAMER Exterminator !!!'
Type of infection...: self-identification method: unknown yet
system infection: RAM resident, reset resident,
bootblock
Infection Trigger...: reset (CONTROL + Left-AMIGA + Right-AMIGA)
operation: any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked...: ---
Damage.....: permanent damage: overwrites bootblock;
overwrites blocks 2 and 3 where the old boot-
block is stored now, so uninstalled disks can
be infected; standard bootblock is shown when
examined with any tool by manipulating the
disk read pointer; fast formatting disks
transient damage: ---
Damage Trigger.....: permanent damage: reset

```

```

        operation: any disk access
        transient damage: ---
Particularities.....: uses StartIOVector; other resident programs using
                        the system resident list (KickTagPointer,
                        KickMemPointer) are shut down;
                        virus has been posted in various trojan horse
                        programs (told by the author);
                        virus encodes itself every new infection.
Similarities.....: LAMER EXTERMINATOR viruses
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                        Category 1: .2 Monitoring System Vectors:
                                'CHECKVECTORS 2.2'
                                .3 Monitoring System Areas:
                                'CHECKVECTORS 2.2','GUARDIAN 1.2',
                                'VIRUSX 4.0'
                        Category 2: Alteration Detection: ---
                        Category 3: Eradication: 'CHECKVECTORS 2.2',
                                'VIRUSX 4.0'
                        Category 4: Vaccine: ---
                        Category 5: Hardware Methods: ---
                        Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions: 'CHECKVECTORS 2.2',
                                'VIRUSX 4.0'
                                with restrictions: 'GUARDIAN 1.2'
Standard means.....: 'CHECKVECTORS 2.2'
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, FRG
Classification by...: Alfred Manthey Rojas
Documentation by....: Alfred Manthey Rojas
Date.....: 5-June-1990
Information Source..: ---
===== End of LAMER (EXTERMINATOR) 3.0 Virus =====

```

## 1.7 lamer-extern.-1.0.txt

```

== Computer Virus Catalog 1.2: LAMER EXTERMINATOR 1.0 (15-July-1991) =
Entry.....: LAMER EXTERMINATOR 1.0 Virus
Alias(es).....: ---
Virus Strain.....: LAMER EXTERMINATOR Strain
Virus detected when.: October 1989
                    where.: Elmshorn, Germany
Classification.....: Encrypting System virus (bootblock), resident
Length of Virus.....: 1. Length on storage medium: 1024 byte
                    2. Length in RAM           : 1024 byte
----- Preconditions -----
Operating System(s)..: AMIGA-DOS
Version/Release.....: 1.2/33.180
Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification.: typical text: bootblock: ---
                    in memory: 'The LAMER Exterminator !!!'
Self-identification.: 451th word on bootblock is $ABCD; kicktag pointer
                    points to virus data
Type of infection...: System infection: RAM resident, reset resident,

```

```

                                bootblock
Infection Trigger...: reset ( CONTROL + Left-AMIGA + Right-AMIGA );
                        any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked...: ---
Damage.....: Permanent damage: overwriting bootblock;
                simulation of standard bootblocks when
                examined with any tool; destroys blocks by
                overwriting them 84-times with the string
                'LAMER!': this will cause a read/write error
                on affected storage media.
                Transient damage: allocates 1024 bytes in RAM
Damage Trigger.....: Permanent damage: reset; any disk access;
                virus action after 3 resets and 1 infection.
                Transient damage: ---
Particularities.....: Uses StartIOVector; other resident programs
                using system resident list (KickTagPointer,
                KickMemPointer) are shut down; virus encodes
                itself at every new infection (Bytes 78-917).
Similarities.....: LAMER EXTERMINATOR virus strain
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                Category 1: .2 Monitoring System Vectors:
                        CHECKVECTORS 2.2
                        .3 Monitoring System Areas:
                        CHECKVECTORS 2.2, GUARDIAN 1.2,
                        VIRUSX 4.0
                Category 2: Alteration Detection: ---
                Category 3: Eradication: CHECKVECTORS 2.2,
                        VIRUSX 4.0
                Category 4: Vaccine: ---
                Category 5: Hardware Methods: ---
                Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions:
                        CHECKVECTORS 2.2, VIRUSX 4.0,
                        with restrictions: GUARDIAN 1.2
Standard means.....: CHECKVECTORS 2.2
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, Germany
Classification by...: Wolfram Schmidt
Documentation by....: Wolfram Schmidt
Date.....: 15-July-1991
Information Source..: ---
===== End of LAMER EXTERMINATOR 1.0-Virus =====

```

## 1.8 lamer-extern.-2.0.txt

```

== Computer Virus Catalog 1.2: LAMER EXTERMINATOR 2.0 (15-July-1991) =
Entry.....: LAMER EXTERMINATOR 2.0 Virus
                and LAMER EXTERMINATOR 2.0 Trojan
Alias(es).....: ---
Virus Strain.....: LAMER EXTERMINATOR Strain
Virus detected when.: April 1989
                where.: Elmshorn, Germany
Classification.....: Encrypting System virus (bootblock), resident

```

```

Length of Virus.....: 1. Length on storage medium: 1024 byte
                      2. Length in RAM           : 1024 byte
----- Preconditions -----
Operating System(s)..: AMIGA-DOS
Version/Release.....: 1.2/33.166, 1.2/33.180, 1.3/34.5
Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification..: typical text: bootblock: ---
                      in memory: 'The LAMER Exterminator !!!'
Self-identification..: 467th word on bootblock is $ABCD; kicktag pointer
                      points to virus code
Type of infection...: System infection: RAM resident, reset resident,
                      bootblock
Infection Trigger...: reset ( CONTROL + Left-AMIGA + Right-AMIGA );
                      any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked...: ---
Damage.....: Permanent damage: overwriting bootblock;
              simulation of standard bootblocks when
              examined with any tool; destroys blocks by
              overwriting them 84-times with the string
              'LAMER!': this will cause a read/write error
              on affected storage media;
              Transient damage: allocates 1024 bytes in RAM
Damage Trigger.....: Permanent damage: reset; any disk access;
                      virus action after 2 resets and 3 infections.
                      Transient damage: ---
Particularities.....: Uses StartIOVector; other resident programs
                      using system resident list (KickTagPointer,
                      KickMemPointer) are shut down; virus encodes
                      itself at every new infection (Bytes 78-929).
LAMER 2.0 Trojan....: Virus was found in a trojan horse version, too;
                      it is linked to the 'LoadWB' command of CLI,
                      so infection of system and non-standard boot-
                      blocks produced by this virus are not detec-
                      ted by many virus tools. In this trojan,
                      virus' text is uncoded and can be read using
                      proper tools: 'The LAMER Exterminator !!!';
                      the trojan contains a small code section to
                      make the virus resident beside the original
                      LAMER bootblock; after implantation of virus,
                      the real 'LoadWB' command is executed.
Similarities.....: LAMER EXTERMINATOR virus strain
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                      Category 1: .2 Monitoring System Vectors:
                              CHECKVECTORS 2.2
                              .3 Monitoring System Areas:
                              CHECKVECTORS 2.2, GUARDIAN 1.2,
                              VIRUSX 4.0
                      Category 2: Alteration Detection: ---
                      Category 3: Eradication: CHECKVECTORS 2.2,
                              VIRUSX 4.0
                      Category 4: Vaccine: ---
                      Category 5: Hardware Methods: ---
                      Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions:

```

```

                                CHECKVECTORS 2.2, VIRUSX 4.0
                                with restrictions: GUARDIAN 1.2
Standard means.....: CHECKVECTORS 2.2
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, Germany
Classification by...: Wolfram Schmidt
Documentation by....: Wolfram Schmidt
Date.....: 15-July-1991
Information Source..: ---
===== End of LAMER EXTERMINATOR 2.0-Virus =====

```

## 1.9 lamer-extern.-3.0.txt

```

== Computer Virus Catalog 1.2: LAMER EXTERMINATOR 3.0 (15-July-1991) =
Entry.....: LAMER EXTERMINATOR 3.0 Virus
Alias(es).....: ---
Virus Strain.....: LAMER EXTERMINATOR Strain
Virus detected when.: October 1989
                    where.: Elmshorn, Germany
Classification.....: Encrypting System virus (bootblock), resident
Length of Virus.....: 1. Length on storage medium: 1024 byte
                    2. Length in RAM           : 1024 byte
----- Preconditions -----
Operating System(s)..: AMIGA-DOS
Version/Release.....: 1.2/33.166, 1.2/33.180, 1.3/34.5
Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification..: typical text: bootblock: ---
                    in memory: 'The LAMER Exterminator !!!'
Self-identification..: 506th word on bootblock is $ABCD; kicktag pointer
                    points to virus code
Type of infection...: System infection: RAM resident, reset resident,
                    bootblock
Infection Trigger...: reset ( CONTROL + Left-AMIGA + Right-AMIGA );
                    any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked...: ---
Damage.....: Permanent damage: overwriting bootblock; over-
                    writing blocks 2-3 where old bootblock is
                    stored, so uninstalled disks may be infected;
                    simulation of standard bootblocks when
                    examined with any tool, by manipulating disk
                    read pointer; destroys blocks by overwriting
                    them with 256 random numbers.
                    Transient damage: allocates 1024 bytes in RAM
Damage Trigger.....: Permanent damage: reset; any disk access;
                    virus action after 4 resets and 2 infections
                    Transient damage: ---
Particularities.....: Uses StartIOVector; other resident programs
                    using system resident list (KickTagPointer,
                    KickMemPointer) are shut down; virus encodes
                    itself at every new infection (Bytes 42-1008)
Similarities.....: LAMER EXTERMINATOR virus strain
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:

```

```

Category 1: .2 Monitoring System Vectors:
             CHECKVECTORS 2.2
             .3 Monitoring System Areas:
             CHECKVECTORS 2.2, GUARDIAN 1.2,
             VIRUSX 4.0
Category 2: Alteration Detection: ---
Category 3: Eradication: CHECKVECTORS 2.2,
             VIRUSX 4.0
Category 4: Vaccine: ---
Category 5: Hardware Methods: ---
Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions:
             CHECKVECTORS 2.2, VIRUSX 4.0
             with restrictions: GUARDIAN 1.2
Standard means.....: CHECKVECTORS 2.2
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, Germany
Classification by...: Wolfram Schmidt
Documentation by...: Wolfram Schmidt
Date.....: 15-July-1991
Information Source..: ---
===== End of LAMER EXTERMINATOR 3.0-Virus =====

```

## 1.10 lamer-extern.-4.0.txt

```

== Computer Virus Catalog 1.2: LAMER EXTERMINATOR 4.0 (15-July-1991) =
Entry.....: LAMER EXTERMINATOR 4.0 Virus
Alias(es).....: ---
Virus Strain.....: LAMER EXTERMINATOR Strain
Virus detected when.: October 1989
                 where.: Elmshorn, Germany
Classification.....: Encrypting System virus (bootblock), resident
Length of Virus.....: 1. Length on storage medium: 1024 byte
                   2. Length in RAM           : 1024 byte
----- Preconditions -----
Operating System(s) .: AMIGA-DOS
Version/Release.....: 1.2/33.180
Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification.: typical text: bootblock: ---
                   in memory: 'The LAMER Exterminator !!!'
Self-identification.: 471th word on bootblock is $ABCD; kicktag pointer
                   points to virus code
Type of infection...: System infection: RAM resident, reset resident,
                   bootblock
Infection Trigger...: reset ( CONTROL + Left-AMIGA + Right-AMIGA );
                   any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked...: ---
Damage.....: Permanent damage: overwriting bootblock;
                   simulation of standard bootblocks when
                   examined with any tool; destroys blocks by
                   overwriting them 84-times with the string
                   'LAMER!': this will cause a read/write error
                   on affected storage media;

```

```

                Transient damage: allocates 1024 bytes in RAM
Damage Trigger.....: Permanent damage: reset; any disk access;
                    virus action after 6 resets and 3 infections
                    Transient damage: ---
Particularities.....: Uses StartIOVector; other resident programs
                    using system resident list (KickTagPointer,
                    KickMemPointer) are shut down; virus encodes
                    itself at every new infection (Bytes 78-941).
Similarities.....: LAMER EXTERMINATOR virus strain
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                    Category 1: .2 Monitoring System Vectors:
                            CHECKVECTORS 2.2
                            .3 Monitoring System Areas:
                            CHECKVECTORS 2.2, GUARDIAN 1.2,
                            VIRUSX 4.0
                    Category 2: Alteration Detection: ---
                    Category 3: Eradication: CHECKVECTORS 2.2,
                            VIRUSX 4.0
                    Category 4: Vaccine: ---
                    Category 5: Hardware Methods: ---
                    Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions:
                            CHECKVECTORS 2.2, VIRUSX 4.0
                            with restrictions: GUARDIAN 1.2
Standard means.....: CHECKVECTORS 2.2
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, Germany
Classification by...: Wolfram Schmidt
Documentation by....: Wolfram Schmidt
Date.....: 15-July-1991
Information Source..: ---
===== End of LAMER EXTERMINATOR 4.0-Virus =====

```

## 1.11 lamer-extern.-5.0.txt

```

== Computer Virus Catalog 1.2: LAMER EXTERMINATOR 5.0 (15-July-1991) =
Entry.....: LAMER EXTERMINATOR 5.0 Virus
Alias(es).....: ---
Virus Strain.....: LAMER EXTERMINATOR Strain
Virus detected when.: April 1989
                    where.: Elmshorn, Germany
Classification.....: Encrypting System virus (bootblock), resident
Length of Virus.....: 1. Length on storage medium: 1024 byte
                    2. Length in RAM           : 1024 byte
----- Preconditions -----
Operating System(s)..: AMIGA-DOS
Version/Release.....: 1.2/33.166, 1.2/33.180, 1.3/34.5
Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification..: typical text: bootblock: ---
                    in memory: 'The LAMER Exterminator !!!'
Self-identification.: 25th word on bootblock is $B3BEB2BB; kicktag
                    pointer points to virus code
Type of infection...: System infection: RAM resident, reset resident,

```

```

                                bootblock
Infection Trigger....: reset ( CONTROL + Left-AMIGA + Right-AMIGA );
                        any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked....: ---
Damage.....: Permanent damage: overwriting bootblock;
                simulation of standard bootblocks when
                examined with any tool;
                fast-formatting disks.
                Transient damage: allocates 1024 bytes in RAM
Damage Trigger.....: Permanent damage: reset; any disk access;
                virus action after 6 resets and 3 infections
                Transient damage: ---
Particularities.....: Uses StartIOVector; other resident programs
                using system resident list (KickTagPointer,
                KickMemPointer) are shut down; virus encodes
                itself at every new infection (Bytes 62-960).
Similarities.....: LAMER EXTERMINATOR virus strain
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                Category 1: .2 Monitoring System Vectors:
                        CHECKVECTORS 2.2
                        .3 Monitoring System Areas:
                        CHECKVECTORS 2.2, GUARDIAN 1.2,
                        VIRUSX 4.0
                Category 2: Alteration Detection: ---
                Category 3: Eradication: CHECKVECTORS 2.2,
                        VIRUSX 4.0
                Category 4: Vaccine: ---
                Category 5: Hardware Methods: ---
                Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions:
                        CHECKVECTORS 2.2, VIRUSX 4.0
                        with restrictions: GUARDIAN 1.2
Standard means.....: CHECKVECTORS 2.2
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, Germany
Classification by...: Wolfram Schmidt
Documentation by....: Wolfram Schmidt
Date.....: 15-July-1991
Information Source..: ---
===== End of LAMER EXTERMINATOR 5.0-Virus =====

```

## 1.12 lamer-extern.-6.0.txt

```

== Computer Virus Catalog 1.2: LAMER EXTERMINATOR 6.0 (15-July-1991) =
Entry.....: LAMER EXTERMINATOR 6.0 Virus
Alias(es).....: ---
Virus Strain.....: LAMER EXTERMINATOR Strain
Virus detected when.: January 1991
                where.: Australia
Classification.....: Encrypting System virus (bootblock), resident
Length of Virus.....: 1. Length on storage medium: 1024 byte
                2. Length in RAM : 1024 byte
----- Preconditions -----

```



```

Operating System(s)..: AMIGA-DOS
Version/Release.....: 1.2/33.180
Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification..: typical text: bootblock: ---
                        in memory: 'The LAMER Exterminator !!!'
Self-identification..: Kicktag pointer points to virus code
Type of infection...: System infection: RAM resident, reset resident,
                        bootblock
Infection Trigger...: reset ( CONTROL + Left-AMIGA + Right-AMIGA );
                        any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked...: ---
Damage.....: Permanent damage: overwriting bootblock;
                        simulation of standard bootblocks when
                        examined with any tool; destroys blocks by
                        overwriting them 84-times with the string
                        'LAMER!': this will cause a read/write error
                        on affected storage media;
                        Transient damage: allocates 1024 bytes in RAM
Damage Trigger.....: Permanent damage: reset; any disk access;
                        virus action after 2 resets and 3 infections
                        Transient damage: ---
Particularities.....: Uses StartIOVector; other resident programs
                        using system resident list (KickTagPointer,
                        KickMemPointer) are shut down; virus encodes
                        itself at every new infection (Bytes 54-922).
Similarities.....: LAMER EXTERMINATOR virus strain
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                        Category 1: .2 Monitoring System Vectors:
                                CHECKVECTORS 2.2
                                .3 Monitoring System Areas:
                                CHECKVECTORS 2.2, GUARDIAN 1.2,
                                VIRUSX 4.0
                        Category 2: Alteration Detection: ---
                        Category 3: Eradication: CHECKVECTORS 2.2,
                                VIRUSX 4.0
                        Category 4: Vaccine: ---
                        Category 5: Hardware Methods: ---
                        Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions:
                                CHECKVECTORS 2.2, VIRUSX 4.0
                                with restrictions: GUARDIAN 1.2
Standard means.....: CHECKVECTORS 2.2
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, Germany
Classification by...: Wolfram Schmidt
Documentation by....: Wolfram Schmidt
Date.....: 15-July-1991
Information Source..: ---
===== End of LAMER EXTERMINATOR 6.0-Virus =====

```

### 1.13 lamer-extern.-7.0.txt

```

== Computer Virus Catalog 1.2: LAMER EXTERMINATOR 7.0 (15-July-1991) =
Entry.....: LAMER EXTERMINATOR 7.0 Virus
Alias(es).....: ---
Virus Strain.....: LAMER EXTERMINATOR Strain
Virus detected when.: January 1991
                    where.: Australia
Classification.....: Encrypting System virus (bootblock), resident
Length of Virus.....: 1. Length on storage medium: 1024 byte
                    2. Length in RAM           : 1024 byte
-----
Preconditions -----
Operating System(s).....: AMIGA-DOS
Version/Release.....: 1.2/33.180
Computer model(s)....: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
-----
Attributes -----
Easy Identification.: typical text: bootblock: ---
                    in memory: 'The LAMER Exterminator !!!'
Self-identification.: 418th word on bootblock is $FEDC; kicktag pointer
                    points to virus code
Type of infection...: System infection: RAM resident, reset resident,
                    bootblock
Infection Trigger...: reset ( CONTROL + Left-AMIGA + Right-AMIGA );
                    any disk access
Storage media affected: floppy disks (3.5" and 5.25")
Interrupts hooked...: ---
Damage.....: Permanent damage: overwriting bootblock;
                    simulation of standard bootblocks when
                    examined with any tool; destroys blocks by
                    overwriting them 84-times with the string
                    'LAMER!': this will cause a read/write error
                    on affected storage media;
                    Transient damage: allocates 1024 bytes in RAM
Damage Trigger.....: Permanent damage: reset; any disk access;
                    virus action after 6 resets and 3 infections
                    Transient damage: ---
Particularities.....: Uses StartIOVector; other resident programs
                    using system resident list (KickTagPointer,
                    KickMemPointer) are shut down; virus encodes
                    itself at every new infection (Bytes 80-835).
Similarities.....: LAMER EXTERMINATOR virus strain
-----
Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                    Category 1: .2 Monitoring System Vectors:
                            CHECKVECTORS 2.2
                            .3 Monitoring System Areas:
                            CHECKVECTORS 2.2, GUARDIAN 1.2,
                            VIRUSX 4.0
                    Category 2: Alteration Detection: ---
                    Category 3: Eradication: CHECKVECTORS 2.2,
                            VIRUSX 4.0
                    Category 4: Vaccine: ---
                    Category 5: Hardware Methods: ---
                    Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions:
                            CHECKVECTORS 2.2, VIRUSX 4.0
                            with restrictions: GUARDIAN 1.2
Standard means.....: CHECKVECTORS 2.2

```



```

                                VIRUSX 4.0
          Category 2: Alteration Detection: ---
          Category 3: Eradication: CHECKVECTORS 2.2,
                                VIRUSX 4.0
          Category 4: Vaccine: ---
          Category 5: Hardware Methods: ---
          Category 6: Cryptographic Methods: ---
Countermeasures successful: without restrictions:
                                CHECKVECTORS 2.2, VIRUSX 4.0
                                with restrictions: GUARDIAN 1.2
Standard means.....: CHECKVECTORS 2.2
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, Germany
Classification by...: Wolfram Schmidt
Documentation by....: Wolfram Schmidt
Date.....: 15-July-1991
Information Source..: ---
===== End of LAMER EXTERMINATOR 8.0-Virus =====

```

## 1.15 le

```

Name           : Le
Aliases        : MAD IV, Crypt, #358
Type/Size      : BB/1024
Incidence      : ?
Discovered     : ?
Way to infect  : Bootblock
Rating         : Less Dangerous
Kickstarts     : ?
Damage         : Destroy Bootblock
Manifestation  : ?
Removal        : Install the disk

```

```

General comments: SHI do not have any info on this virus !
                  if you have the virus or info about it
                  please send it to you regional SHI center.

```

JN 08.93

## 1.16 leviathan

Name : Leviathan

Aliases : -

Clone : -

Type/Size : Boot+File/1024 & 1056 (File)

Symptoms : -

Discovered : 10/93

Way to Infect: Boot & Link infection

Rating : Harmless

Kickstarts : 1.2/1.3 -> Kick 2.0 guru at reset

Damage : Overwrites boot

Manifestation: In the boot & file you can read "-- LEVIATHAN --"

Removal : Delete file and/or install boot

Comments : The virus Uses the coolcapture to be resident.  
There is a coded text in the Boot/File:  
"YOU ARE THE OWNER OF A NEW GENERATION OF VIRUS!"  
"IT FUCKS UP YOUR STARTUP-SEQUENCE!!"  
The virus uses the DoIO(EXEC)-Vector to infect  
the boot of the disks.  
The virus patches the OldOpenLib(EXEC)-Vector  
too. If this vector is used, the virus tries to  
create a file (s/\$c0) and to modify the  
startup-sequence with the virusname.

A.D 12-93

## 1.17 lhwarp-trojan

Name : LHWarP Trojan

Aliases : Lz

Type/Size : Link/48280

Incidence : ?

Discovered : 06-08-91

Way to infect: ?

Rating : Less dangerous

---

Kickstarts : ?

Damage : Warping is a method to read the contents of a floppy disk into 1 file. Some warp programs offer compression also. This program appears to be a trojanized 'LHWarp'. The only thing it do is to produce errors when you tried to get it to unwarp a disk.

Manifestation: ?

Removal : Delete it

General comments: ?

JN 08.93

## 1.18 liberator-1.21

Name : Liberator v1.21

Aliases : Memcheck

Type/Size : File/10936

Incidence :

Discovered : 18-10-92

Way to infect: .fastdir

Rating : Dangerous

Kickstarts : ?

Damage : It looks for various virus killers and removes them. The virus has a counter build in (.fastdir) when it reaches 15 the text is shown and the disk is destroyed.

Manifestation: The text: Congratulations your hard disk has been liberated of virus protection!!  
Hello from the Liberator virus v1.21.  
The anti-anti-virus is born!  
Lets play trash the hard disk and ram the disk heads.  
I'm outta here, kiss mine you lamer

Removal : Delete it

General comments: Not resident

JN 08.93

---

## 1.19 liberator-3.0

Name : Liberator Virus V3.0  
Aliases : Cv (Check Vectors rev 5.1)  
Type/Size : File/10712  
Incidence : ?  
Discovered : 18-10-92  
Way to infect: .fastdir  
Rating : Dangeruos  
Kickstarts : KS2.04: 68030:  
Damage : Tries to hide its evil purpose by the following menu:

```
Check Vectors rev 5.1
All Rights Reserved more TUPperware © by Mike Hansell
Reset vectors ok, Nothing resident, Trackdisk.device not
intercepted, DoIO ok, VBlank ok, dos.library not intercepted.
System appears to be free of viruses and trojans!
```

```
The real purpose is to place .fastdir files in ALL harddisk
partitions. Length: 2/3 bytes. Startvalue on all Harddisks
in .fastdir $310a = 1 Return. Note: .fastdir has after this
2 empty-signs ($20) in the name.
Writes in the following:
```

```
DH0:      s/startup-sequence: cv >NIL:
          execute s:startup-sequence2
          cv >NIL:          ;fast to the end !!!!
          endcli >NIL:
```

```
Manifestation: "Congratulations your hard disk has been
                liberated of virus protection!!
Hello from the Liberator virus v3.0 - Digital Deviant
                The anti-anti-virus is here again!
                Lets play trash the hard disk
                and ram the disk heads
                Only hardcore belgian rave can
                truly liberate the mind!
                The liberator 15/01/92"
```

Removal : Remove the Liberator 3 virus,  
all .fastdir and s.-seq.  
Remember to change back the startup-sequence  
to good old original ones.

General comments: Does NOT survive in the memory after changing of  
fastdir

JN 08.93

## 1.20 liberator-5.01

Name : Liberator Virus V5.01  
Aliases : PV  
Type/Size : File/16924  
Incidence : ?  
Discovered : 18-10-92  
Way to infect: ?  
Rating : Dangerous  
Kickstarts : all  
Damage : A new update of Liberator V3.0  
The real name is PV. Tries to hide its  
evil purpose by the following menu:

```
"PV (Protect Vectors) v1.02 by Peter Stuer July 22, 1992 FREeware
```

```
Reset vectors ok, Nothing resident, Trackdisk.device not  
intercepted, DoIO ok, VBlank ok, low interrupts ok, dos.library  
not intercepted.
```

```
monitoring vectors...
```

```
Fully Kickstartv2.xx compatible, stops all viruses, checks  
disk-validators,  
Use run to push this program into the background"  
The analyze tests is done at device df0: and df1:
```

```
The viruses writing :c/run, :c/br (runback), :s/.info  
.info-length: 4 Bytes, .info-Startvalue: $00000064
```

```
The original s-startup :
```

```
cls
```

```
After infection:
```

```
br c:pe
```

```
cls
```

Manifestation:The text:

```
"Congratulations this disk has been liberated of virus protection!!
```

```
Hello from the Liberator virus v5.01 - Random Disaster
```

```
The anti-anti-virus is here again!
```

```
Lets play trash the hard disk
```

```
and ram the disk heads
```

```
The piracy curse
```

```
Liberator V - The future is near.
```



Look out for Liberator VI - The final nightmare ...  
coming soon from a lame swapper near you!  
Respect to the virus masters Lamer Exterminator, crime &  
Contrast.

And remember - be excellent to each other!  
The liberator 27/07/92  
Virus Generation :"

Removal : Remove the Liberator 5 virus, .info and all .fastdir  
and s.-seq.  
Remember to change back the  
startup-sequence to good old original one.

General comments: The virus changes its name like c/PV,  
/PE, /PB and so on, that means the last letter  
is always changed, maybe to hide itself

JN 08.93

## 1.21 logic-bomb

Name : Logic Bomb  
Aliases : Paradox I  
Type/Size : BB/1024  
Incidence : ?  
Discovered : 05-02-91  
Way to infect: BootBlock  
Rating : Less Dangerous  
Kickstarts : ?  
Damage : Bootblocks  
Manifestation: Text im BB  
"\* A new age of virus-production has begun This time  
PARADOX brings you the "LOGIC BOMB" Virus !!! \*"  
Removal : Install the disk

General comments: Always remember to write protect you disks !!

JN 08.93

---

## 1.22 loverboy-&-the-sexmachine

Name : Loverboy & the sex machine  
 Aliases : 16 Bit Crew Clone  
 Type/Size : BB/1024  
 Incidence : ?  
 Discovered : 21-03-92  
 Way to infect: Bootblock  
 Rating : Less dangerous  
 Kickstarts : ?  
 Damage : Bootblock  
 Manifestation: ?  
 Removal : Install the disk

General comments: Always remember to write protect you disks !!

JN 08.93

## 1.23 lsd.txt

```

===== Computer Virus Catalog 1.2: LSD Virus (5-June-1990) =====
Entry.....: LSD Virus
Alias(es).....: ---
Virus Strain.....: SCA Virus
Virus detected when.: 8th September 1989
                    where.: Elmshorn, FRG
Classification.....: system virus (bootblock), resident
Length of Virus.....: 1. length on storage medium: 1024 byte
                    2. length in RAM           : 1024 byte
----- Preconditions -----
Operating System(s) ..: AMIGA-DOS
Version/Release.....: 1.2/33.166, 1.2/33.180 and 1.3/34.20
Computer model(s)...: AMIGA 500, AMIGA 1000, AMIGA 2000A, AMIGA 2000B
----- Attributes -----
Easy Identification.: typical text: 'DON'T PANIC, Marl of LSD is Here
                    The Virus was Strong !! But LSD is Stronger
                    Thanks SCA for this great Code. Hi Ozz & Rebel
                    Servo & Storeroom Boy! Now back to the Boot!!"
                    virus feature: pressing left mouse/fire button of
                    port 1 during system reboot, causes the screen
                    to become green and the virus to shut down it-
                    self by clearing ColdCapture and CoolCapture
                    Vectors.

```

```

Type of infection...: self-identification method: testing 3rd longword
                    for matching string 'CHW!'
                    system infection: RAM resident, reset resident,
                    bootblock
Infection Trigger...: reset (CONTROL + Left-AMIGA + RIGHT-AMIGA)
Storage media affected: only floppy disks (3.5" and 5.25")
Interrupts hooked...: ---
Damage.....: permanent damage: overwriting bootblock
              transient damage: screen buffer manipulation:
              screen becomes black, message (see above) is
              shown by fading in and out peaces of it
Damage Trigger.....: permanent damage: reset
                    transient damage: 15th infection
Particularities.....: a resident program using the CoolCaptureVector is
                    shut down, also when using the ColdCapture
                    Vector when the virus is shut down by its
                    'suicide' function
Similarities.....: SCA virus strain
----- Agents -----
Countermeasures.....: Names of tested products of Category 1-6:
                    Category 1: .2 Monitoring System Vectors:
                            'CHECKVECTORS 2.2'
                            .3 Monitoring System Areas:
                            'CHECKVECTORS 2.2','GUARDIAN 1.2'
                            'VIRUSX 4.0'
                    Category 2: Alteration Detection: ---
                    Category 3: Eradication: 'CHECKVECTORS 2.2',
                            'VIRUSKILLER 2.0', 'VIRUSX 4.0'
                    Category 4: Vaccine: 'SCA-PROTECTOR 1.0',
                            'VIRUSKILLER 2.0'
                    Category 5: Hardware Methods: ---
                    Category 6: Cryptographic Methods: ---
Countermeasures successful: 'CHECKVECTORS 2.2', 'GUARDIAN 1.2',
                            'VIRUSKILLER 2.0', 'SCA-PROTECTOR 1.0',
                            'VIRUSX 4.0'; own suicide function
Standard means.....: 'CHECKVECTORS 2.2'
----- Acknowledgement -----
Location.....: Virus Test Center, University Hamburg, FRG
Classification by...: Oliver Meng
Documentation by....: Alfred Manthey Rojas
Date.....: 5-June-1990
Information Source..: ---
===== End of LSD Virus =====

```

## 1.24 lummin

```

Name           : Lummin

Aliases        : XaCa

Origin         : DISK-KILLER V1.0

Type/Size      : Bomb/1368

Symptoms       : A CLI-message appears

```

Discovered : ?

Way to Infect: No infection

Rating : Very Dangerous

Kickstarts : 1.2/1.3/2.0/3.0

Damage : Fastformat of your disks.

Manifestation: -

Removal : Delete file

Comments : If you start the virusfile and your disk  
in df0: isn't write-protected then the virus  
start a fastformat routine. The disk-data  
will be irrevocable destroyed !!!  
After the fastformat a message in the  
CLI appeares:

"Catch me if you can... etc."  
In fact this virus is a clone of the  
DISK-KILLER virus. (I haven't got it.)

See screendump of the Lummin virus!

A.D 12-93

## 1.25 lz-2.0-trojan

Name : LZ 2.0 Trojan

Aliases :

Type/Size : Trojan/37380 Byte

Incidence :

Discovered : 21-09-91

Way to infect: None

Rating : Less Dangerous

Kickstarts : all

Damage : Destroy the files you try to pack.

Manifestation: ?

Removal : Delete it.

General comments: SHI do not have any info on this virus !

---

if you have the virus or info about it  
please send it to you regional SHI center.

JN 08.93

## 1.26 lz-linkvirus

Name : Lz link virus  
Aliases : ?  
Type/Size : File/400  
Incidence : ?  
Discovered : 14-07-91  
Way to infect: ?  
Rating : ?  
Kickstarts :  
Damage : None, except for the linking  
Manifestation: ?  
Removal : Use a Virus Killer

General comments: Looks for the Doslibrary version number,  
when more than "34" or less than 33  
the virus does not activate.

JN 07.09.93

---