```
39 06 A9 D1 D8 58 00 23 FF FF FF FF FF FF FF
               ; SC Memory access key (EEPROM part)
               FO 27 21 0B 7A 01 6F B9 47 FE ED FD FC A3 50 99
        {E030}
              ; EEPROM Data Storage Area starting address
               E4 00
                                                         ; E400
        {E032}
              ; EEPROM Software Revision string
               52 65 76 33 31 33
                                                         ; "Rev313"
        {E038}
               ; Card ID (answered to Cmd 12)
               00 24 1F 21
                                                         ; 2367265
        {E03C}
              ; Current Date
               0D 29
                                                         ; 09/09/1998
        {E03E}
              ; Fixed Length for E2File records
               ;1 2 3 4 5 6 7 8 9 0A 0B 0C 10 11
               27 05 0D 0B 0D 38 79 1D 26 29 23 12 00 00
        {E04C}
              ; These 4 bytes are answered to Cmd_14
               OF 4C 54 60
        {E050}
              ; EEPROM Software Revision number
               0D
                                                         ; 13
        {E051}
              ; Patches table length
               ΩA
                                                         ; 10
        {E052}
              ; The 'NipPEr Is a buTt liCkeR!' string
               4E 69 70 50 45 72 20 49 73 20 61 20 62 75 54 74
               20 6C 69 43 6B 65 52 21
                                                         ; "NipPEr Is a buTt liCkeR!"
              ; 8 bytes used in Cmd 99 together with the 'NipPEr...' string
               45 71 F6 01 9A D8 5D 86
        {E072}
              ; Patches Table (Patch Nums)
               OF 1E 21 22 29 00 00 00 00 00
              ; Patches Table (PatchFunc Ptrs)
               E0 90 E0 9B E0 9E E0 FC E1 25 00 00 00 00 00
               00 00 00 00
        {E090}
              ; Patches Code
               08 30 07 A6 CC C1 01 84 27 F6 81 15 49 81 CD 6C
               26 CD 46 48 CD 6D CC 01 CD 46 5B CD 4B 8B BE 57
               27 1F A3 0F 25 0B 27 19 A3 FF 27 15 C6 01 06 20
               03 D6 E0 3D C7 01 10 AB 02 5F 59 AD 1F 25 05 14
               49 CC 47 75 CD 4C D0 CD 47 79 5F A6 2E AD 0D 25
               04 AD 0F 20 EA CD 69 E2 0E CC 47 A0 CD 4C 75 A3
               FF 81 CD 69 E2 OC CD 4A EB CC 4A EF CD 6C 26 CD
               46 48 CD 6D CC 01 CD 46 5B B6 57 26 03 C6 01 06
               A0 02 AE 33 BF 57 AD AC 25 05 AD D6 98 20 03 99
                                                                        CASE NO.
               14 49 CC 46 39 A1 30 26 20 6D A6 2B 1C 6C 81 CD
                                                                    SA CV 03-950 DOC (JTLx)
               77 29 E6 A4 E7 83 E6 A5 E7 84 E6 A6 E7 8A CD 44
                                                              ECHOSTAR SATELLITE CORP., et al.,
               43 AE FF CD 44 64 CC 75 2E 81 00 00 00 00 00
               15.
               NDS GROUP PLC, et al.
               PLAINTIFF'S EXHIBIT 1569
                                                                 DATE IDEN.
.₁DS097245
                                                                 DATE _____EVID.
                                                                       Deputy Clerk
```

EEPROM CONTENTS (VER. 003)

{E000} ; OTP

```
EEPROM CONTENTS (VER. 003)
39 06 A9 D1 D8 58 00 23 FF FF FF FF FF FF FF FF
      {E020} ; SC Memory access key (EEPROM part)
      FO 27 21 0B 7A 01 6F B9 47 FE ED FD FC A3 50 99
     ; EEPROM Data Storage Area starting address
                                            ; E400
      E4 00
{E032}
     ; EEPROM Software Revision string
      52 65 76 33 31 33
                                            ; "Rev313"
      ; Card ID (answered to Cmd 12)
{E038}
                                            ; 2367265
      00 24 1F 21
{E03C}
      ; Current Date
                                            ; 09/09/1998
      0D 29
     ; Fixed Length for E2File records
{E03E}
      ;1 2 3 4 5 6 7 8 9 0A 0B 0C 10 11
      27 05 0D 0B 0D 38 79 1D 26 29 23 12 00 00
{E04C} ; These 4 bytes are answered to Cmd_14
      OF 4C 54 60
{E050}
      ; EEPROM Software Revision number
                                            ; 13
      0D
{E051}
     ; Patches table length
                                             ; 10
      0A
      ; The 'NipPEr Is a buTt liCkeR!' string
{E052}
      4E 69 70 50 45 72 20 49 73 20 61 20 62 75 54 74
                                            ; "NipPEr Is a buTt liCkeR!"
      20 6C 69 43 6B 65 52 21
      ; 8 bytes used in Cmd 99 together with the 'NipPEr...' string
      45 71 F6 01 9A D8 5D 86
      ; Patches Table (Patch Nums)
{E072}
      OF 1E 21 22 29 00 00 00 00 00
      ; Patches Table (PatchFunc Ptrs)
{E07C}
      EO 90 EO 9B EO 9E EO FC E1 25 00 00 00 00 00
      00 00 00 00
{E090}
      ; Patches Code
      08 30 07 A6 CC C1 01 84 27 F6 81 15 49 81 CD 6C
      26 CD 46 48 CD 6D CC 01 CD 46 5B CD 4B 8B BE 57
      27 1F A3 0F 25 0B 27 19 A3 FF 27 15 C6 01 06 20
      03 D6 E0 3D C7 01 10 AB 02 5F 59 AD 1F 25 05 14
      49 CC 47 75 CD 4C D0 CD 47 79 5F A6 2E AD 0D 25
      04 AD 0F 20 EA CD 69 E2 0E CC 47 A0 CD 4C 75 A3
      FF 81 CD 69 E2 OC CD 4A EB CC 4A EF CD 6C 26 CD
      46 48 CD 6D CC 01 CD 46 5B B6 57 26 03 C6 01 06
      A0 02 AE 33 BF 57 AD AC 25 05 AD D6 98 20 03 99
      14 49 CC 46 39 A1 30 26 20 6D A6 2B 1C 6C 81 CD
      77 29 E6 A4 E7 83 E6 A5 E7 84 E6 A6 E7 8A CD 44
      43 AE FF CD 44 64 CC 75 2E 81 00 00 00 00 00
```

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1569-001

```
{E400} ; EEPROM Data Storage Area
  {E400} 07 27
        ; Valid E2File. Rec Len: 27h
{+00}
 01
        ; E2File Number
{+01}
 00 01 00 01
{+05}
 00 00 51 A6
        ; Zip Code: 20902
{+09} F0
        ; Time Zone (related to the
World Time)
 00
\{+0B\}
 99 A9 35 01
{+OF}
 31 34 30 42 42 41 50 41 34 31 31 50 31 30 42 4E ; "140BBAPA411P10BN"
{+1F} D9 14 03 28 77 20 88 12
        ; IRD pairing key
```

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```
-----
{E429} 07 38
                                               ; Valid E2File. Rec Len: 38h
 {+00} 06
                                               ; E2File Number
 {+01} 00 00 00
 {+04} 00 24 1F 21
                                               ; Card ID: 2367265
 {+08} FF FF FF FF FF FF FF FF FF
 {+13} FF FF 00 00
                                               ; ??/??/???? 00:00:00
 {+17} FF 9F BF 7D B4
 {+1C} 00 00 00 00 00 00 00 00 00 00 00 00
                                               ; Used in Criteria 22 & 23
 {+28} 00 00 00 00 00 00 00 00
                                               ; Video Key disscramble Key 1
 {+30} 00 00 00 00 00 00 00 00
                                              ; Video Key disscramble Key 2
,-------
{E463} 07 79
                                               ; Valid E2File. Rec Len: 79h
 {+00} 07
                                               ; E2File Number
 {+01} 00 3F 00
 {+04} 21 52 98 FB 05 A1 EB 7D 0D 82 79 A1 20 F3 91
 {+13} 2E 36 BF 8D 28 03 07 E6 03 7F 06 0B 14 40 C2
 {+22} 10 E6 78 2B E2 7A 02 E1 90 D9 CD DA 12 21 C4
 {+31} 56 BF 16 B8 44 85 04 CF
{+39} 33 1E F8 FE CE 2E 96 43 89 7B 36 83 40 19 51 8C
      8A 7A B7 91 D7 AF C5 DE 7F 77 52 55 FD 1D 4E 9C
{+59} FE 26 79 13 C8 D3 8D 8F CF 4D 0E C6 49 B6 02 F8
      74 7B E3 BA E3 11 F6 E3 01 DE 29 1B E4 86 A3 C3
:-----
{E4DE} 07 05
                                               ; Valid E2File. Rec Len: 5
{+00} 02
                                               ; E2File Number
{+01} 01 01 00 00
·-----
{E4E5} 07 38
                                               ; Valid E2File. Rec Len: 38h
{+00} 06
                                               ; E2File Number
 {+01} 01 00 00
 {+04} 00 24 1F 21
                                               ; Card ID: 2367265
{+08} 18 00 45 42 50 4F FF FF FF FF 04
{+13} OD 24 6D 22
                                               ; 04/09/1998 12:41:04
{+17} FF FF 00 00 B4
 {+1C} 04 15 33 1E 1A 22 08 03 19 02 2D 01
                                               ; Used in Criteria 22 & 23
{+28} 00 C7 CF EC 71 A8 3E 65
                                               ; Video Key disscramble Key 1
{+30} 80 4E 3C A8 17 A9 EA 6D ; Video Key disscramble Key 2
{E51F} 07 79
                                               ; Valid E2File. Rec_Len: 79h
{+00} 07
                                               : E2File Number
{+01} 01 3F 00
{+13} 74 6C 0B 17 D3 68 6B 0A 60 25 AD 63 01 90 02
{+22} 46 C9 63 D8 6F F8 E5 AF 9D 5E C6 6D 02 B1 21
{+31} 1E FF 75 45 4C FD 2D 93
{+39} 19 84 D7 CA 6A 61 24 4E 0F C5 42 15 84 9E A3 08
      BA 63 F8 E4 4A EC EF 69 7D 91 AF 54 86 3F 3F F3
{+59} 95 2A 98 46 11 14 CE 3D 43 2C A7 C9 F2 1F 5B 9C
      DA 44 42 F4 52 D5 C5 4A 39 1F EB 53 CB AE 54 D2
{E59A} 07 12
                                               ; Valid E2File. Rec Len: 12h
{+00} OC
                                               ; E2File Number
```

S ... DS097247

```
{+01} 01 01 00 01 86 9F
 {+07} 00 00
                                              ; ??/??/????
 {+09} 00 00 00
                                               ; PPV Subtotal: $0.00
 {+0C} 00 00 4B 00
                                              ; ??? Credit: $75.00
 {+10} 00 32
,------
{E5AE} 07 1D
                                              ; Valid E2File. Rec Len: 1Dh
 {+00} 08
                                              ; E2File Number
 {+01} 01 01 00 00 00 01 00 00 00 00 00
 {+0D} 0D 0B
                                              ; Activation Date: 11/08/1998
 {+0F} 4C 21
                                               ; Expiry Date 1: 01/01/2030
 {+11} 4C 21
                                              ; Expiry Date 2: 01/01/2030
 {+13} 00 01 7F FF FF FF
                                              ; Entitlement Info
 {+19} FF FF FF FF
                                              ; Parental Rate
;------
{E5CD} 07 1D
                                              ; Valid E2File. Rec Len: 1Dh
 {+00} 08
                                              ; E2File Number
 {+01} 01 01 00 00 03 39 00 00 00 00 00 00
 \{+0D\} OD OB
                                              ; Activation Date: 11/08/1998
 {+0F} 4C 21
                                              ; Expiry Date 1: 01/01/2030
 {+11} 4C 21
                                              ; Expiry Date 2: 01/01/2030
 {+13} 00 01 7F FF FF
                                              ; Entitlement Info
 {+19} FF FF FF
                                              ; Parental Rate
;------
{E5EC} 07 1D
                                              ; Valid E2File. Rec Len: 1Dh
 {+00} 08
                                               ; E2File Number
 {+01}
     01 01 00 00 00 F1 00 00 00 00 00 00
     08 21
 {+OD}
                                              ; Activation Date: 01/01/1996
 {+0F} 4C 21
                                               ; Expiry Date 1: 01/01/2030
 {+11} 4C 21
                                              ; Expiry Date 2: 01/01/2030
 {+13} 00 01 FF FF FF
                                              ; Entitlement Info
 {+19} FF FF FF FF
                                              ; Parental Rate
{E60B} 07 23
                                              ; Valid E2File. Rec Len: 23h
 {+00} OB
                                               ; E2File Number
 {+01} 01 01 30
     00 59 7D
 {+04}
                                              ; PPV Service number
 {+07}
      01
                                              ; PPV History slot 1
 {+08}
      00 00 00
                                              ; PPV Price: $0.00
 {+0B}
      0D 21
                                              ; Validity Date 1: 01/09/1998
 {+0D}
      4C 21
                                              ; Validity Date 2: 01/01/2030
 {+OF}
      02
                                              ; PPV History slot 2
 {+10}
     00 01 7F FF FF FF
                                              ; PPV Channel Entitlement
Info
{+16} 00 00 01 7F FF FF 00
                                              ; PPV Services list
{+1D} 04 00
                                               ; Free preview counter
{+1F} OD 21 74 52
                                               ; Start watching: 01/09/1998
14:34:36
{E630} 07 18
                                              ; Valid E2File. Rec Len: 18h
{+00} 11
                                               ; E2File Number
{+01} 01
                                               ; PPV History slot
```

```
{+02} 15
            ; Data length
{+03} OD 21 93 CO
            ; PPV starts: 01/09/1998
18:30:00
{+07} 47 6F 6F 64 20 57 69 6C 6C 20 48 75 6E 74 69 6E
           ; "Good Will Hunting"
{E64A} 07 08
            ; Valid E2File. Rec Len: 8
{+00} 11
            ; E2File Number
{+01}
 0.2
            ; PPV History slot
{+02} 05
            ; Data length
{+03} 50 50 56 20 39
            ; "PPV 9"
;-----
            -----
{E654} OF FE
            ; Unused (Free) Block
 00 00 00 00 00 00 00 00 00 00 00 00 00
   ______
{E754} OF FE
            ; Unused (Free) Block
 00 00 00 00 00 00 00 00 00 00 00 00 00
   _______
{E854} OF FE
            ; Unused (Free) Block
```

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00 00 00 00 00 00 00 00 00 00 00 00 00

{E954} OF FE

------

; Unused (Free) Block

```
00 00 00 00 00 00 00 00 00 00 00 00 00
;-----
{EC54} OF FE
    ; Unused (Free) Block
_____
{ED54} OF FE
    ; Unused (Free) Block
00 00 00 00 00 00 00 00 00 00 00 00 00
;-----
{EE54} OF FE
    ; Unused (Free) Block
```

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```
00 00 00 00 00 00 00 00 00 00 00 00 00
    ; Unused (Free) Block
{EF54} OF AA
00 00 00 00 00 00 00 00 00
```

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00 23 FF FF FF FF FF FF FF FF 00 00 00 00 00

\ .√DS097253

39 06 A9 D1 D8 58

```
00 00 00 00 00 00 00 00 00 00 07 27 01 00 01 00
01 00 00 51 A6 F0 00 99 A9 35 01 31 34 30 42 42
41 50 41 34 31 31 50 31 30 42 4E D9 14 03 28 77
20 88 12 07 38 06 00 00 00 00 24 1F 21 FF FF FF
FF FF FF FF FF FF FC FF FF 00 00 FF 9F BF 7D
00 3F 00 21 52 98 FB 05 A1 EB 7D 0D 82 79 A1 20
F3 91 2E 36 BF 8D 28 03 07 E6 03 7F 06 0B 14 40
C2 10 E6 78 2B E2 7A 02 E1 90 D9 CD DA 12 21 C4
56 BF 16 B8 44 85 04 CF 33 1E F8 FE CE 2E 96 43
89 7B 36 83 40 19 51 8C 8A 7A B7 91 D7 AF C5 DE
7F 77 52 55 FD 1D 4E 9C FE 26 79 13 C8 D3 8D 8F
CF 4D 0E C6 49 B6 02 F8 74 7B E3 BA E3 11 F6 E3
01 DE 29 1B E4 86 A3 C3 07 05 02 01 01 00 00 07
38 06 01 00 00 00 24 1F 21 18 00 45 42 50 4F FF
FF FF FF 04 0D 24 6D 22 FF FF 00 00 B4 04 15 33
1E 1A 22 08 03 19 02 2D 01 00 C7 CF EC 71 A8 3E
65 80 4E 3C A8 17 A9 EA 6D 07 79 07 01 3F 00 00
OB 17 D3 68 6B OA 60 25 AD 63 01 90 02 46 C9 63
```

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```
D8 6F F8 E5 AF 9D 5E C6 6D 02 B1 21 1E FF 75 45
4C FD 2D 93 19 84 D7 CA 6A 61 24 4E 0F C5 42 15
84 9E A3 08 BA 63 F8 E4 4A EC EF 69 7D 91 AF 54
86 3F 3F F3 95 2A 98 46 11 14 CE 3D 43 2C A7 C9
F2 1F 5B 9C DA 44 42 F4 52 D5 C5 4A 39 1F EB 53
CB AE 54 D2 07 12 OC 01 01 00 01 86 9F 00 00 00
00 00 00 00 4B 00 00 32 07 1D 08 01 01 00 00 00
01 00 00 00 00 00 00 0D 0B 4C 21 4C 21 00 01
FF FF FF FF FF FF FF 07 1D 08 01 01 00 00 03 39
00 00 00 00 00 00 0D 0B 4C 21 4C 21 00 01 7F FF
FF FF FF FF FF FF 07 1D 08 01 01 00 00 00 F1 00
00 00 00 00 00 08 21 4C 21 4C 21 00 01 FF FF FF
FF FF FF FF FF 07 23 0B 01 01 30 00 59 7D 01 00
00 00 0D 21 4C 21 02 00 01 7F FF FF FF 00 00 01
7F FF FF 00 04 00 0D 21 74 52 07 18 11 01 15 0D
21 93 CO 47 6F 6F 64 20 57 69 6C 6C 20 48 75 6E
74 69 6E 67 07 08 11 02 05 50 50 56 20 39
00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00
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00	00	00	0.0	00	00	00	00	00	00	00	00	00	00	OF	FE
00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	0.0
00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
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00	00	00	00	00	00	00	00	00	00	00	00	00	00	0F	FE
00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
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