

OS-6 DISC SECURITY

| Step | Instruction | Address | Comment | Octal | Step |
|------|-------------------------|---------|--|-------|------|
| 00 | NOOP | | | | 00 |
| 01 | LDA | 12 0155 | =P ₂ | | 01 |
| 02 | STA | 0021 | → Title | | 02 |
| 03 | INSZ | Z 0155 | | | 03 |
| 04 | LDA | 12 0155 | =P ₁ | | 04 |
| 05 | STA | 0030 | → Password | | 05 |
| 06 | INSZ | Z 0155 | | | 06 |
| 07 | LDA | 12 0155 | =P ₅ | | 07 |
| 10 | NOOP | | | | 10 |
| 11 | STA | 0061 | → Phase 1 Control Block | | 11 |
| 12 | INSZ | Z 0155 | | | 12 |
| 13 | LDA | 12 0155 | =P ₆ | | 13 |
| 14 | NOOP | | | | 14 |
| 15 | STA | 0055 | → Phase 2 Control Block | | 15 |
| 16 | JSBR | 12 1652 | PUT "SECURITY" | | 16 |
| 17 | P ₁ = 2702- | | | | 17 |
| 20 | JSBR | 12 1652 | PUT TAB | | 20 |
| 21 | P ₁ = / | | | | 21 |
| 22 | JSBR | 12 1634 | Specify Escape Point | | 22 |
| 23 | P = 0/1402 | | | | 23 |
| 24 | JSBR | 12 1670 | FETCH Copy Overlay at 3000- | | 24 |
| 25 | P ₁ = 000002 | | | | 25 |
| 26 | P ₂ = 0/0205 | | Module 005 | | 26 |
| 27 | JSBR | 12 1635 | GET PASSWORD | | 27 |
| 30 | P = / | | | | 30 |
| 31 | LDA | 0055 | → Phase 2 Control Block | | 31 |
| 32 | AND | | | | 32 |
| 33 | JUMP | 0037 | No Phase 2 | | 33 |
| 34 | JSBR | 12 1640 | SPLIT "PHASE 1 ONLY?" | | 34 |
| 35 | P ₁ = 2700- | | | | 35 |
| 36 | CALL COMP/STMP | | No | | 36 |
| 37 | CLA | | Yes | | 37 |
| 40 | STA | 0773 | Indicator | | 40 |
| 41 | LDA | Z 1666 | Security Flag | | 41 |
| 42 | A = φ | | Security in progress elsewhere? | | 42 |
| 43 | JUMP | 0047 | Yes - check flags & store. | | 43 |
| 44 | JSBR | 12 1653 | No. FLASH "SECURITY! NO UPDATES" | | 44 |
| 45 | P ₁ = 2717- | | | | 45 |
| 46 | JSBR | 12 1667 | SHOW CONTROL RECORD | | 46 |
| 47 | INSZ | Z 1666 | Security Flag, [Inhibits Write to Master Disc] | | 47 |
| 50 | NOOP | | | | 50 |
| 51 | JUMP | 0114 | Route to specify next child. | | 51 |
| 52 | AND | | Test phase 2 indicator (0773) | | 52 |
| 53 | JUMP | 0060 | Bypass (Phase 1 only) | | 53 |
| 54 | JSBR | 0220 | Process Phase 2 Control Block | | 54 |
| 55 | P ₁ = / | | | | 55 |
| 56 | STA | 0773 | Secure/Target | | 56 |
| 57 | STB | 0776 | No. of Sectors @ 2 nd call. | | 57 |
| 60 | JSBR | 0220 | Process Phase 1 Control Block | | 60 |
| 61 | P ₁ = / | | | | 61 |
| 62 | STA | 0775 | Source/Target | | 62 |
| 63 | STB | 0777 | No. of Sectors @ 2 nd call. | | 63 |
| 64 | JSBR | 0600 | COPY DIRECT | | 64 |
| 65 | JSBR | 12 1652 | PUT "PHASE 1 COMPLETED" | | 65 |
| 66 | P ₁ = 2745- | | | | 66 |
| 67 | LDA | 0773 | Phase 2 Indicator | | 67 |
| 70 | AND | | | | 70 |
| 71 | JUMP | 0101 | No Phase 2 | | 71 |
| 72 | STA | 0774 | Phase 2 Source/Target | | 72 |
| 73 | LDB | 0776 | No. of Sectors @ 2 nd call | | 73 |
| 74 | JSBR | 0604 | COPY INDIRECT | | 74 |
| 75 | INSZ | 0751 | = "SP 2" | | 75 |
| 76 | JSBR | 12 1652 | PUT "PHASE 2 COMPLETED" | | 76 |
| 77 | P ₁ = 2745- | | | | 77 |

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| Step | Instruction | Address | Comment | Octal | Step |
|------|-------------|---------|---|----------------|------|
| 00 | JSBR | 0640 | RECOVER PHASE 1 MASTER DISC | | 00 |
| 01 | DESZ | Z 1666 | Security Flag *END | | 01 |
| 02 | JUMP | Z 1402 | to "PROGRAM?" | | 02 |
| 03 | JSBR | IL 1667 | SHOW CONTROL RECORD | | 03 |
| 04 | JSBR | IL 1653 | FLASH "SECURITY DONE" | | 04 |
| 05 | P=2734- | | | | 05 |
| 06 | JUMP | Z 1402 | to "PROGRAM?" | | 06 |
| 07 | | | | | 07 |
| 10 | | | | | 10 |
| 11 | | | | | 11 |
| 12 | | | | | 12 |
| 13 | | | | | 13 |
| 14 | JSBR | IL 1643 | Specify Default Restart Address (from 0051) | | 14 |
| 15 | P=2101- | | | | 15 |
| 16 | LDA | 0773 | Place 2 Indicator | | 16 |
| 17 | JUMP | 0052 | | | 17 |
| 20 | *ENTRY | | RRA3 | ← BA → | 20 |
| 21 | LDA | 0176 | | | 21 |
| 22 | RRA | | | | 22 |
| 23 | RRA | | | | 23 |
| 24 | RRA | | | | 24 |
| 25 | STA | 0176 | | | 25 |
| 26 | JUMP | I 0120 | Return. | | 26 |
| 27 | | | | | 27 |
| 30 | *ENTRY | | Enter & Update Reg. No. | ← BA → | 30 |
| 31 | LDA | I 0174 | = Segment Word | | 31 |
| 32 | LDB | 0175 | = Digit No. | | 32 |
| 33 | BNP | | | | 33 |
| 34 | JSBR | IL 1777 | HART - (MMLI) DIGIT No. | | 34 |
| 35 | JUMP | 0141 | | | 35 |
| 36 | RRA | | | } Rotate Right | 36 |
| 37 | RRA | | | | 37 |
| 40 | RRA | | | | 40 |
| 41 | DESZ | Z B | | | 41 |
| 42 | JUMP | 0136 | | | 42 |
| 43 | STA | Z 0177 | Save | | 43 |
| 44 | ANDA | Z 0207 | | | 44 |
| 45 | RDB | Z A | = Current Seg. No. | | 45 |
| 46 | INCB | | = Copy Number now required | | 46 |
| 47 | STB | Z 0176 | | | 47 |
| 50 | CMPB | 0173 | No. of Copies | | 50 |
| 51 | CLB | | | | 51 |
| 52 | XORA | Z 0177 | (Removes old Seg. No.) | | 52 |
| 53 | JORA | Z B | Term. of new Seg. No. | | 53 |
| 54 | LDB | 0175 | = Digit No. | | 54 |
| 55 | JUMP | 0161 | | | 55 |
| 56 | LRA | | | } Rotate Left | 56 |
| 57 | LRA | | | | 57 |
| 60 | LRA | | | | 60 |
| 61 | DESZ | Z B | | | 61 |
| 62 | JUMP | 0156 | | | 62 |
| 63 | STA | I 0174 | Update Register label | | 63 |
| 64 | LDA | Z 0176 | = Copy Number | | 64 |
| 65 | JUMP | I 0130 | Return. | | 65 |
| 66 | | | | | 66 |
| 67 | | | | | 67 |
| 70 | | | | | 70 |
| 71 | | | No. of Sectors @ 24 cell | | 71 |
| 72 | | | → Cylinder Type Table entry 2200- | | 72 |
| 73 | | | No. of Copies | | 73 |
| 74 | | | → Segment Word in Control Record | | 74 |
| 75 | | | Digit No. | | 75 |
| 76 | | | RRA3 Copy/area | | 76 |
| 77 | | | Removes Value | | 77 |

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| Step | Instruction | Address | Comment | Octal | Step |
|------|-------------|---------|---|--------|------|
| 00 | | | 0 | 000000 | 00 |
| 01 | | 1 | 1 D400 3208 | 006210 | 01 |
| 02 | | 2 | 2 D 800 / D818 6456 | 014470 | 02 |
| 03 | | 3 | 3 D1600 12952 | 031230 | 03 |
| 04 | | 4 | | 0 | 04 |
| 05 | | 5 | | 0 | 05 |
| 06 | | 6 | | 0 | 06 |
| 07 | CARTRIDGE | | 7 | 0 | 07 |
| 10 | TYPE TABLE | | 10 | 0 | 10 |
| 11 | | | 11 | 0 | 11 |
| 12 | | | 12 | 0 | 12 |
| 13 | | | 13 | 0 | 13 |
| 14 | | | 14 | 0 | 14 |
| 15 | | | 15 | 0 | 15 |
| 16 | | | 16 | 0 | 16 |
| 17 | | | 17 | 0 | 17 |
| 20 | ENTRY | | Process Control Block Data | ← BA → | 20 |
| 21 | LDA | I 0220 | = P1 | | 21 |
| 22 | JSBR | Z 1630 | Reads Offset | | 22 |
| 23 | STA | 0177 | → Control Word in Parameter Block | | 23 |
| 24 | LDA | I 0177 | = Control Word | | 24 |
| 25 | STA | 0176 | | | 25 |
| 26 | ANDA | Z 0207 | | | 26 |
| 27 | STA | 0175 | = Digit No. | | 27 |
| 30 | JSBR | 0120 | RRA3 | | 30 |
| 31 | ANDA | Z 0277 | | | 31 |
| 32 | ADA | Z 0323 | 0/0400 | | 32 |
| 33 | STA | 0174 | | | 33 |
| 34 | JSBR | 0120 | RRA3 | | 34 |
| 35 | JSBR | 0120 | RRA3 | | 35 |
| 36 | ANDA | Z 0207 | | | 36 |
| 37 | ANB | | | | 37 |
| 40 | INCA | | | | 40 |
| 41 | → STA | 0173 | No. of Copies | | 41 |
| 42 | JSBR | 0120 | RRA3 | | 42 |
| 43 | ANDA | Z 0217 | = Type Code | | 43 |
| 44 | HDA | 0172 | 2200 - Carriage Type Table - copies | | 44 |
| 45 | JSBR | Z 1630 | Reads | | 45 |
| 46 | LDB | IZ A | = No. of Sections @ 2 = copy | | 46 |
| 47 | BNO | | | | 47 |
| 50 | JSBR | IL 1777 | HALT - IMPACT Type Code in Control Word | | 50 |
| 51 | → STB | 0171 | | | 51 |
| 52 | LDA | 0173 | No. of Copies | | 52 |
| 53 | CMPA | Z 0201 | CF1 | | 53 |
| 54 | STIP | | Bypass Sequence Processing | | 54 |
| 55 | → JSBR | 0130 | Extract (6 Bytes) Copy Number | | 55 |
| 56 | INISZ | 0177 | Parameter Pointer | | 56 |
| 57 | ADA | 0177 | → Copy Disc No. | | 57 |
| 60 | LDA | IZ # | = Copy Disc No. | | 60 |
| 61 | SWAPA | | | | 61 |
| 62 | JORA | I 0177 | Master Disc No. [given Target Name] | | 62 |
| 63 | LDB | 0171 | = No. of Sections @ 2 = copy | | 63 |
| 64 | INISZ | 0220 | | | 64 |
| 65 | JUMP | I 0220 | KOTM. | | 65 |
| 66 | | | | | 66 |
| 67 | | | | | 67 |
| 70 | | | Load, Protection off | 200400 | 70 |
| 71 | | | Read Bootstrap into | | 71 |
| 72 | | | Master Buffer | | 72 |
| 73 | | | → Master Buffer 3200 - Bootstrap Sector | 000041 | 73 |
| 74 | | | MASK (W, master) | | 74 |
| 75 | | | Load, Protection off | 200400 | 74 |
| 76 | | | Read Label into | | 75 |
| 77 | | | Master Buffer | | 76 |
| | | | → Master Buffer 3200 - Label Sector | 000040 | 77 |

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| Step | Instruction | Address | Comment | Octal | Step |
|------|-------------|---------|--|------------------|------|
| 00 | *ENTRY | | REPLACE DISC | ← BA → | 00 |
| 01 | LDA | Z 0300 | 2nd system address | | 01 |
| 02 | STA | Z 0155 | 3 | | 02 |
| 03 | LDA | I2 0155 | =P1 = Old Disc No. | | 03 |
| 04 | JORA | Z 0323 | 000400 (P1, 1 calc) | | 04 |
| 05 | STA | 0275 | | | 05 |
| 06 | JSRB | I2 1615 | Transfer (Read Label into Master Buffer) | | 06 |
| 07 | P=2274- | | | | 07 |
| 10 | LDA | Z 0053 | → Disc List Address | | 10 |
| 11 | ADA | Z 1717 | Disc Calc | | 11 |
| 12 | LDA | I2 A | | | 12 |
| 13 | ANDA | Z 1752 | (Leave offset to 1st entry) | | 13 |
| 14 | ADA | Z 0053 | → 1st entry in Disc List, Disc List | | 14 |
| 15 | ADB | Z A | Disc Pointer | Search Disc List | 15 |
| 16 | LDA | I2 0155 | =P1 = old disc no. | | 16 |
| 17 | CHPH | I2 B | Disc Entry | | 17 |
| 20 | JUMP | 0323 | Entry found | | 20 |
| 21 | ADB | Z 0202 | CF2 | | 21 |
| 22 | JUMP | 0317 | disc next entry | | 22 |
| 23 | IN5Z | Z 0155 | →P2 | | 23 |
| 24 | LDA | I2 0155 | = New Disc No. | | 24 |
| 25 | STA | 1200 | into Label in Master Buffer | | 25 |
| 26 | STA | I2 B | into Disc List | | 26 |
| 27 | JORA | 0274 | 200400 | | 27 |
| 30 | STA | Z 0143 | Write, Track, Disc No. | | 30 |
| 31 | IN3Z | Z 0155 | →P3 | | 31 |
| 32 | INCB | | Disc pointer | | 32 |
| 33 | LDA | I2 B | ↳ Save old disc's protection limit | | 33 |
| 34 | STA | Z 0143 | | | 34 |
| 35 | LDA | I2 0155 | =P3 = Protection Limit for new disc no. | | 35 |
| 36 | STA | 1201 | into Label in Master Buffer | | 36 |
| 37 | STA | I2 B | into Disc List | | 37 |
| 40 | IN5Z | Z 0155 | Return Address | | 40 |
| 41 | JSRB | I2 1673 | WRITE (Label from Master Buffer) | | 41 |
| 42 | LDA | Z 0146 | = Old Protection Limit | | 42 |
| 43 | JUMP | I2 0155 | Return. | | 43 |
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| Step | Instruction | Address | Comment | Octal | Step |
|------|-------------------------|---------|--|--------|------|
| 00 | | | MASTER Disc No. | - | 00 |
| 01 | | | Start Sector | - | 01 |
| 02 | | | Copy Parameters | - | 02 |
| 03 | | | Disc No. | - | 03 |
| 04 | | | Start Sector | - | 04 |
| 05 | | | 1k Buffer | 0- | 05 |
| 06 | | | No. of Sectors | - | 06 |
| 06 | *ENTRY | | copy DISC | ← RA → | 06 |
| 07 | STA | 0400 | Master Disc No. (Buffer byte) | | 07 |
| 10 | SWAP/CSA/GRPSA | | | | 10 |
| 11 | STA | 0402 | Copy Disc No. (Buffer byte) + offset | | 11 |
| 12 | STR | 0171 | Save No. of Sectors of 2nd cell | | 12 |
| 13 | CYA | | | | 13 |
| 14 | STA | 0401 | ? Sector ϕ | | 14 |
| 15 | STA | 0403 | ? | | 15 |
| 16 | LDA | Z 0240 | CFBR | | 16 |
| 17 | STA | 0405 | No. of Sectors | | 17 |
| 20 | JSBR | 1000 | copy Sectors $\phi \rightarrow 37$ | | 20 |
| 21 | P ₁ = 2400- | | | | 21 |
| 22 | LDA | Z 0241 | | | 22 |
| 23 | STA | 0401 | ? Sector 41 | | 23 |
| 24 | STA | 0403 | ? | | 24 |
| 25 | LDA | Z 0207 | CF7 | | 25 |
| 26 | STA | 0405 | No. of Sectors | | 26 |
| 27 | JSBR | 1000 | copy Sector 41 \rightarrow 47 | | 27 |
| 30 | P ₁ = 2400- | | | | 30 |
| 31 | LDA | Z 0250 | | | 31 |
| 32 | STA | 0401 | ? Sector 50 | | 32 |
| 33 | STA | 0403 | ? | | 33 |
| 34 | LDA | 0171 | No. of Sectors of 2nd cell | | 34 |
| 35 | STA | 0405 | No. of Sectors | | 35 |
| 36 | JSBR | 1000 | copy Sectors 50 \rightarrow end | | 36 |
| 37 | P ₁ = 2400- | | | | 37 |
| 40 | JUMP | I 0406 | Return. | | 40 |
| 41 | *ENTRY | | Sequence Data into Bootstrap | ← RA → | 41 |
| 42 | LDA | 0402 | Copy Disc No. | | 42 |
| 43 | ANDA | Z 1752 | | | 43 |
| 44 | STA | 0400 | (Master Disc No.) | | 44 |
| 45 | JORA | Z 0323 | 000400 | | 45 |
| 46 | STA | 0271 | P ₁ Sector, Disc No. | | 46 |
| 47 | JSBR | 12 1615 | TRANSFER (Read Bootstrap into Sector Buffer) | | 47 |
| 50 | P ₁ = 2270- | | | | 50 |
| 51 | JSBR | 12 1707 | Duplicate (Primary Control Block to Bootstrap) | | 51 |
| 52 | P ₁ = 2774- | | | | 52 |
| 53 | P ₂ = 3312- | | | | 53 |
| 54 | P ₃ = Awards | | | | 54 |
| 55 | JSBR | 12 1673 | WRITE (Bootstrap from Master Buffer) | | 55 |
| 56 | CYA | | | | 56 |
| 57 | STA | 0403 | Copy to Sector ϕ | | 57 |
| 60 | INCA | | | | 60 |
| 61 | STA | 0405 | 1 Sector | | 61 |
| 62 | LDA | 0273 | = Bootstrap Sector | | 62 |
| 63 | STA | 0401 | Source Sector | | 63 |
| 64 | JSBR | 1000 | copy Sectors 41 to Sector ϕ | | 64 |
| 65 | P ₁ = 2400- | | | | 65 |
| 66 | JUMP | I 0441 | Return. | | 66 |
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| Step | Instruction | Address | Comment | Octal | Step |
|------|-------------|---------|---|--------|------|
| 00 | *ENTRY | | COPY DIRECT (PHASE 1) | ← EA → | 00 |
| 01 | JSBR | 0406 | Copy Disc | | 01 |
| 02 | JSBR | 0441 | Recovery Control Block into Boot/step | | 02 |
| 03 | JUMP | I 0600 | | | 03 |
| 04 | *ENTRY | | COPY INDIRECT (PHASE 2) | ← EA → | 04 |
| 05 | LDA | 0775 | Phase 1 Target/Source | | 05 |
| 06 | ANDA | Z 1752 | (Leaves "Fixed" Disc No.) | | 06 |
| 07 | STA | 0616 | | | 07 |
| 10 | STA | 0651 | | | 10 |
| 11 | LDA | Z 0320 | 000300 | | 11 |
| 12 | ADA | Z 0040 | +Trash No. | | 12 |
| 13 | STA | 0617 | =Scratch Disc No. | | 13 |
| 14 | STA | 0650 | | | 14 |
| 15 | JSBR | 0300 | RELABEL "Fixed" Disc | | 15 |
| 16 | R= | | Old Disc No. (Phase 1 Source Disc) | | 16 |
| 17 | R= | | Scratch Disc No. | | 17 |
| 20 | R=037777 | | "Security" (Protection Limit) | | 20 |
| 21 | STA | 0652 | Old Disc's protection limit | | 21 |
| 22 | LDA | 0774 | Phase 2 Target/Source | | 22 |
| 23 | ANDA | Z 1752 | (Leaves Source Disc) | | 23 |
| 24 | SWAPA | | | | 24 |
| 25 | JORA | 0617 | Scratch Disc No. | | 25 |
| 26 | SWAPA | | | | 26 |
| 27 | LDB | 0776 | =No. of Sectors of 2 nd card | | 27 |
| 30 | JSBR | 0406 | COPY Each Master → Fixed | | 30 |
| 31 | LDA | 0774 | Phase 2 Target/Source | | 31 |
| 32 | ANDA | Z 1753 | (Leaves Target Disc) | | 32 |
| 33 | JORA | 0617 | Scratch Disc No. | | 33 |
| 34 | LDB | 0776 | =No. of Sectors of 2 nd card | | 34 |
| 35 | JSBR | 0406 | COPY Fixed → Each Security | | 35 |
| 36 | JSBR | 0441 | Recovery Control Block into Boot/step | | 36 |
| 37 | JUMP | I 0604 | Return. | | 37 |
| 40 | *ENTRY | | RECOVER "FIXED" DISC (PHASE 3) | ← EA → | 40 |
| 41 | LDA | 0775 | Phase 1 Target/Source | | 41 |
| 42 | ANDA | Z 1753 | (Leaves Security Disc No.) | | 42 |
| 43 | JORA | 0617 | Scratch Disc No. | | 43 |
| 44 | SWAPA | | | | 44 |
| 45 | LDB | 0777 | No. of Sectors of 2 nd card | | 45 |
| 46 | JSBR | 0406 | COPY Fixed Security → Fixed | | 46 |
| 47 | JSBR | 0300 | RELABEL "Fixed" Disc | | 47 |
| 50 | R= | | Scratch Disc No. | | 50 |
| 51 | R= | | Old Disc No. (Phase 1 Source) | | 51 |
| 52 | R= | | Old Protection Limit | | 52 |
| 53 | CAA | | | | 53 |
| 54 | STA | Z 1717 | Device Code | | 54 |
| 55 | JSBR | I2 1674 | Reschedule Disc Q (Unscheduled Q) | | 55 |
| 56 | JUMP | I 0640 | Return. | | 56 |
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| Step | Instruction | Address | Comment | Octal | Step |
|------|------------------------|---------|---|--------|------|
| 00 | | | SPRT "PHASE 1 ONLY!" | 300000 | 00 |
| 01 | | | 2707 $\frac{1}{2}$ - | | 01 |
| 02 | | | CR S | | 02 |
| 03 | | | E C | | 03 |
| 04 | | | H R | | 04 |
| 05 | | | I T | | 05 |
| 06 | | | Y SP | | 06 |
| 07 | | | WL CR | | 07 |
| 10 | | | P H | | 10 |
| 11 | | | A S | | 11 |
| 12 | | | E SP | | 12 |
| 13 | | | I SP | | 13 |
| 14 | | | O N | | 14 |
| 15 | | | L Y | | 15 |
| 16 | | | ? NUL | | 16 |
| 17 | | | CR BEL | | 17 |
| 20 | | | SO S | | 20 |
| 21 | | | E C | | 21 |
| 22 | | | H R | | 22 |
| 23 | | | I T | | 23 |
| 24 | | | Y ! | | 24 |
| 25 | | | SP N | | 25 |
| 26 | | | O SP | | 26 |
| 27 | | | H P | | 27 |
| 30 | | | D A | | 30 |
| 31 | | | T E | | 31 |
| 32 | | | S SI | | 32 |
| 33 | | | SP NUL | | 33 |
| 34 | | | CR BEL | | 34 |
| 35 | | | SO S | | 35 |
| 36 | | | E C | | 36 |
| 37 | | | H R | | 37 |
| 40 | | | I T | | 40 |
| 41 | | | Y SP | | 41 |
| 42 | | | D O | | 42 |
| 43 | | | N E | | 43 |
| 44 | | | SI SP | | 44 |
| 45 | | | NUL BEL | | 45 |
| 46 | | | CR P | | 46 |
| 47 | | | H A | | 47 |
| 50 | | | S E | | 50 |
| 51 | | | SP I | | 51 |
| 52 | | | SP C | | 52 |
| 53 | | | O H | | 53 |
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| 55 | | | E T | | 55 |
| 56 | | | E D | | 56 |
| 57 | | | NUL | | 57 |
| 60 | | | | | 60 |
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| 71 | | | | | 71 |
| 72 | | | | | 72 |
| 73 | | | Security Phase 2 Indicators (Target/Source) | / | 73 |
| 74 | | | SECURITY PHASE 2 Target/Source | 000000 | 74 |
| 75 | Recovery Control Block | | SECURITY PHASE 1 Target/Source | 000000 | 75 |
| 76 | | | SECURITY PHASE 2 Section @ 5 th call | - | 76 |
| 77 | | | SECURITY PHASE 1 Section @ 2 nd call | - | 77 |