

3

h

SAVE

4/6/77

Indicates bit problems on tape or  
memory.

✓ dump f000 ffff  
 ✓ f000 21 00 d0 0e 4e af 77 23 0d c2 06 f0 c3 f3 df cd  
 ✓ f010 25 f0 23 7e fe 3a da 76 f4 cd 0b f1 cd e3 f0 cd  
 ✓ f020 a6 f0 c9 0c f0 21 ac d0 22 50 d0 1e 02 cd 8e f0  
 ✓ f030 78 fe 7f c2 3c f0 cd a6 f0 c3 25 f0 fe 0d c2 57  
 ✓ f040 f0 7d fe ac ca 25 f0 36 0d 23 36 01 23 3e ff cd  
 ✓ f050 86 f0 21 ab d0 73 c9 fe 08 c2 6c f0 3e ac bd ca  
 ✓ f060 2d f0 2b 1d 06 7e cd 9b f0 c3 2d f0 fe 20 da 2d  
 ✓ f070 f0 fe 7b d2 2d f0 47 cd 9b f0 77 3e fd bd ca 64  
 ✓ f080 f0 23 1c c3 2d f0 bd c8 36 20 23 c3 86 f0 cd eb  
 ✓ f090 ff 47 c9 cd ca ff cd c4 ff c9 c9 78 cd ee ff c9  
 ✓ f0a0 fb c3 c7 ff c9 c3 e4 df 9b f0 06 0a cd 9b f0  
 ✓ f0b0 06 15 cd 9b f0 cd 9b f0 c9 cd 93 f2 cd a6 f0 2a  
 ✓ f0c0 66 d0 e9 11 00 dc 06 13 3e 04 32 71 d0 cd d4 f0  
 ✓ f0d0 c2 1a f4 e9 2a 50 d0 3a 71 d0 4f cd eb f0 1a 67  
 ✓ f0e0 13 1a 6f c8 13 05 c2 d4 f0 04 c9 1a be c2 f7 f0  
 ✓ f0f0 23 13 0d c2 eb f0 c9 13 0d c2 f7 f0 0c c9 af 11  
 ✓ f100 66 d0 06 0c 1b 12 05 c2 04 f1 c9 cd 12 f1 de 1a  
 ✓ f110 f4 c9 21 00 00 22 68 d0 22 52 d0 cd fe f0 21 ab  
 ✓ f120 d0 23 7e fe 20 3f d0 c2 21 f1 22 72 d0 cd f7 f8  
 ✓ f130 3f d0 fe 2f c2 5d f1 11 52 d0 0e 05 23 7e fe 2f  
 ✓ f140 ca 4d f1 0d fa 1a f4 12 00 13 c3 3c f1 3e 20 0d  
 ✓ f150 fa 58 f1 12 13 c3 4f f1 cd fe f8 3f d0 11 5a d0  
 ✓ f160 cd 58 fb 78 fe 05 3f d8 01 5a d0 cd b4 f1 d8 22  
 ✓ f170 66 d0 21 5a d0 cd 71 f5 cd f7 f8 3f d0 11 5e d0  
 ✓ f180 cd 58 fb 78 fe 05 3f d8 01 5e d0 cd b4 f1 d8 22  
 ✓ f190 68 d0 21 5e d0 cd 71 f5 b7 c9 21 00 00 0a b7 c8  
 ✓ f1a0 54 5d 29 29 19 29 d6 30 fe 0a 3f d8 5f 16 00 19  
 ✓ f1b0 03 c3 9d f1 21 00 00 0a b7 c8 29 29 29 cd cb  
 ✓ f1c0 f1 fe 10 3f d8 85 6f 03 c3 b7 f1 d6 30 fe 0a d8  
 ✓ f1d0 d6 22 c9 cd 1f f2 21 50 d0 46 cd 9b f0 23 46 cd  
 ✓ f1e0 9b f0 c9 cd d3 f1 cd f6 f1 c9 cd 3c f2 cd d6 f1  
 ✓ f1f0 23 46 cd 9b f0 c9 06 20 cd 9b f0 c9 2a 66 d0 3a  
 ✓ f200 69 d0 bc c2 0e f2 3a 68 d0 bd c2 0e f2 37 23 22  
 ✓ f210 66 d0 c9 46 3e 0d b8 c8 cd 9b f0 23 c3 13 f2 21  
 ✓ f220 50 d0 47 1f 1f 1f cd 32 f2 77 23 78 cd 32 f2  
 ✓ f230 77 c9 e6 0f c6 30 fe 3a d8 c6 27 c9 21 50 d0 06  
 ✓ f240 64 cd 4d f2 06 0a cd 4d f2 c6 30 77 c9 36 2f 34  
 ✓ f250 90 d2 4f f2 80 23 c9 44 55 4d 50 f2 9b 45 58 45  
 ✓ f260 43 f0 b9 45 4e 54 52 f4 37 46 49 4c 45 f2 ff 4c  
 ✓ f270 49 53 54 f5 84 44 45 4c 54 f5 e1 41 53 53 4d f6  
 ✓ f280 58 50 41 47 45 f2 d8 50 52 4f 4d f5 9d 43 55 53  
 ✓ f290 54 e0 00 3a 5a d0 b7 ca 1a f4 c9 cd 93 f2 3e 10  
 ✓ f2a0 32 6a d0 cd a6 f0 3a 67 d0 cd d3 f1 3a 66 d0 cd  
 ✓ f2b0 e3 f1 3a 6a d0 32 6b d0 2a 66 d0 7d d3 07 7c fe  
 ✓ f2c0 ef 7e c2 c7 f2 db 06 cd e3 f1 cd fc f1 d8 3a 6b  
 ✓ f2d0 d0 3d c2 b5 f2 c3 a3 f2 cd 93 f2 3a 5e d0 b7 ca  
 ✓ f2e0 1a f4 2a 66 d0 eb 2a 68 d0 06 00 7b d3 07 7a fe  
 ✓ f2f0 ff 1a c2 f7 f2 db 06 77 23 13 05 c2 eb f2 c9 cd  
 ✓ f300 a6 f0 3a 52 d0 b7 ca 79 f3 cd d8 f3 eb c2 24 f3  
 ✓ f310 3a 5a d0 b7 ca 1d f4 3a 59 d0 b7 c2 39 f3 21 2c  
 ✓ f320 f4 c3 20 f4 3a 5a d0 b7 ca 4b f3 2a 66 d0 7c b5  
 ✓ f330 ca 4b f3 21 31 f4 c3 20 f4 2a 57 d0 eb 21 52 d0  
 ✓ f340 d5 0e 05 7e 12 13 0d c3 b5 fc d1 21 00 d0 0e 0d  
 ✓ f350 1a 46 77 78 12 13 23 0d c2 50 f3 3a 5a d0 b7 ca  
 ✓ f360 83 f3 2a 66 d0 22 05 d0 22 07 d0 7d b4 ca 72 f3  
 ✓ f370 36 01 af 32 09 d0 c3 83 f3 3a b0 d0 fe 73 0e 06  
 ✓ f380 ca 85 f3 0e 01 21 00 d0 79 32 59 d0 e5 11 05 00  
 ✓ f390 19 7e b7 c2 a3 f3 23 86 23 c2 a3 f3 33 33 23 23  
 ✓ f3a0 c3 b8 f3 e1 0e 05 46 cd 9b f0 0d 23 c2 a6 f3 cd  
 ✓ f3b0 c4 f3 cd c4 f3 cd a6 f0 11 04 00 19 3a 59 d0 3d  
 ✓ f3c0 c2 89 f3 c9 cd f6 f1 23 7e 2b e5 cd d3 f1 e1 7e  
 ✓ f3d0 23 23 e5 cd e3 f1 e1 c9 af 32 59 d0 06 06 11 00  
 ✓ f3e0 d0 21 52 d0 0e 05 cd eb f0 f5 d5 1a b7 c2 0e f4  
 ✓ f3f0 13 1a b7 c2 0e f4 eb 11 fa ff 19 22 57 d0 7a 32  
 ✓ f400 59 d0 e1 f1 11 08 00 19 eb 05 c8 c3 e1 f3 e1 f1

C3

SA

✓ f410 c2 04 f4 11 fb ff 19 7a b7 c9 cd a6 f0 21 26 f4  
✓ f420 cd 13 f2 c3 ed df 57 48 41 54 3f 0d 46 55 4c 4c  
✓ f430 0d 4e 4f 20 4e 4f 0d cd 93 f2 cd 44 f4 da 1a f4  
✓ f440 cd a6 f0 c9 cd a6 f0 cd 25 f0 21 ac d0 22 72 d0  
✓ f450 cd fe f0 cd f7 f8 da 44 f4 fe 2f c8 cd 58 fb 78  
✓ f460 fe 03 3f d8 01 5a d0 cd b4 f1 d8 7d 2a 66 d0 77  
✓ f470 cd 0e f2 c3 50 f4 0e 04 21 ab d0 23 7e fe 30 da  
✓ f480 1a f4 fe 3a d2 1a f4 0d c2 7b f4 22 50 d0 11 0c  
✓ f490 d0 cd 56 f5 d2 b3 f4 23 cd 46 f5 21 0c d0 cd 4e  
✓ f4a0 f5 11 ab d0 2a 07 d0 0e 01 cd 34 f5 71 22 07 d0  
✓ f4b0 c3 ed df cd 0b f5 0e 02 ca bc f4 0d 46 2b 36 02  
✓ f4c0 22 4e d0 3a ab d0 0d ca d1 f4 90 ca f4 f4 da e4  
✓ f4d0 f4 2a 07 d0 54 5d cd 2f f5 22 07 d0 0e 02 cd 3d  
✓ f4e0 f5 c3 f4 f4 2f 3c 54 5d cd 2f f5 eb cd 34 f5 36  
✓ f4f0 01 22 07 d0 2a 4e d0 36 0d 23 11 ab d0 0e 01 cd  
✓ f500 34 f5 c3 ed df 21 5d d0 22 50 d0 2a 05 d0 cd 28  
✓ f510 f5 eb 2a 50 d0 eb 3e 04 cd 2f f5 cd 56 f5 d8 c8  
✓ f520 7e cd 2f f5 c3 0e f5 23 3e 01 be c0 c3 ed df 85  
✓ f530 6f d0 24 c9 1a 13 b9 c8 77 23 c3 34 f5 1a 1b b9  
✓ f540 c8 77 2b c3 3d f5 46 23 4e 23 56 23 5e c9 73 2b  
✓ f550 72 2b 71 2b 70 c9 06 01 0e 04 b7 1a 9e ca 61 f5  
✓ f560 04 1b 2b 0d c2 5b f5 05 c9 0e 04 1a d6 01 c3 5c  
✓ f570 f5 cd 46 f5 af b8 c8 bb c4 4e f5 c0 5a 51 48 06  
✓ f580 30 c3 77 f5 cd a6 f0 dd 05 f5 23 cd 13 f2 cd a6  
✓ f590 f0 cd 27 f5 db ff e6 01 c0 23 c3 8b f5 cd 93 f2  
✓ f5a0 cd a6 f0 3a 66 d0 cd e3 f1 16 03 2a 66 d0 7d d3  
✓ f5b0 07 7e d3 08 3e 02 d3 09 cd d5 f5 af d3 09 db 06  
✓ f5c0 be ca ce f5 06 3f cd 9b f0 15 c2 ae f5 c9 cd fc  
✓ f5d0 f1 d8 c3 a0 f5 1e 96 af 3d c2 d8 f5 1d c2 d7 f5  
✓ f5e0 c9 cd 93 f2 cd 05 f5 22 4e d0 21 61 d0 7e b7 c2  
✓ f5f0 f5 f5 21 5d d0 22 50 d0 eb 21 0c d0 cd 56 f5 2a  
✓ f600 4e d0 da 43 f6 22 07 d0 36 01 eb 2a 05 d0 eb 06  
✓ f610 0d 2b 7d 93 7c 9a 3e 0d da 3a f6 05 2b be c2 12  
✓ f620 f6 2b 7d 93 7c 9a da 3b f6 be 23 23 ca 30 f6 23  
✓ f630 cd 46 f5 21 0c d0 cd 4e f5 c9 b8 eb c2 2f f6 32  
✓ f640 09 d0 c9 cd 0e f5 cc 20 f5 eb 2a 4e d0 0e 01 cd  
✓ f650 34 f5 22 07 d0 36 01 c9 cd 93 f2 3a 5e d0 b7 c2  
✓ f660 68 f6 2a 66 d0 22 68 d0 3a b0 d0 fe 65 c2 71 f6  
✓ f670 af 32 6a d0 af 32 74 d0 32 70 d0 2a 66 d0 22 6e  
✓ f680 d0 2a 05 d0 22 4e d0 2a 4e d0 00 00 00 00 7e fe 01  
✓ f690 ca e8 f8 eb 13 21 8e d0 3e a7 cd 86 f0 0e 0d cd  
✓ f6a0 34 f5 71 eb 22 4e d0 3a 70 d0 b7 c2 b4 f6 cd d7  
✓ f6b0 f6 c3 87 f6 cd 90 f7 21 8e d0 cd c0 f6 c3 87 f6  
✓ f6c0 3a 6a d0 b7 c2 cd f6 3a a0 d0 fe 20 c8 21 8e d0  
✓ f6d0 cd a6 f0 cd 13 f2 c9 cd fe f0 32 70 d0 21 ac d0  
✓ f6e0 22 72 d0 7e fe 20 ca 19 f7 fe 2a c8 cd 0a fb da  
✓ f6f0 c9 fa ca aa fc cd 30 f7 c2 c9 fa 0e 05 21 5a d0  
✓ f700 7e 12 13 23 0d c2 00 f7 eb 22 6c d0 3a 6f d0 77  
✓ f710 23 3a 6e d0 77 21 74 d0 34 cd fe f0 cd f7 f8 da  
✓ f720 f0 fa cd 58 fb fe 20 da 4f fa c2 f0 fa c3 4f fa  
✓ f730 2a 72 d0 7e fe 20 c8 fe 3a c0 23 22 72 d0 c9 cd  
✓ f740 f7 f8 1a b7 ca 5b f7 fa 8d f7 e2 70 f7 fe 05 da  
✓ f750 85 f7 c2 e8 f8 0e 02 af c3 df fa cd 7a fb 3a a0  
✓ f760 d0 fe 20 c0 22 6e d0 3a ac d0 fe 20 c8 c3 7b f7  
✓ f770 cd 7a fb 3a ac d0 fe 20 ca 82 fc eb 2a 6c d0 72  
✓ f780 23 73 c3 c7 f6 cd 7a fb 44 4d c3 e7 f7 c3 6e fe  
✓ f790 21 8e d0 3a 6f d0 cd 22 f2 23 3a 6e d0 cd 22 f2  
✓ f7a0 22 7a d0 cd fe f0 21 ac d0 22 72 d0 7e fe 20 ca  
✓ f7b0 19 f7 fe 2a c8 cd 0a fb da a5 fc cd 30 f7 c2 a5  
✓ f7c0 fc c3 19 f7 1a b7 ca f4 f7 fa eb f7 e0 fe 05 da  
✓ f7d0 db f7 c2 e8 f8 cd c7 f8 c3 55 f7 cd 77 fb 44 4d  
✓ f7e0 2a 68 d0 09 22 68 d0 af c3 e2 fa cd 86 f8 af 0e  
✓ f7f0 01 c3 df fa cd 77 fb 3a a0 d0 fe 20 c0 eb 2a 6e  
✓ f800 d0 eb 22 6e d0 7d 93 5f 7c 9a 57 2a 68 d0 19 22  
✓ f810 68 d0 c9 cd d4 f8 c9 cd 77 fb c4 64 fc 7d b7 ca  
✓ f820 3b f8 fe 02 c4 64 fc c3 3b f8 cd 77 fb c4 64 fc

af

✓ f830 7d 0f dc 64 fc 17 fe 08 d4 64 fc 07 17 17 47 1e  
 ✓ f840 80 fe 76 cc 64 fc c3 13 f8 cd 77 fb c4 64 fc 7d  
 ✓ f850 fe 08 d4 64 fc 1a fe 40 ca 67 f8 fe c7 7d ca 3b  
 ✓ f860 f8 fa 3e f8 c3 3b f8 29 29 85 12 cd a5 f8 cd  
 ✓ f870 7a fb c4 64 fc 7d fe 08 d4 64 fc c3 3e f8 fe 06  
 ✓ f880 cc 93 f8 cd d4 f8 cd 77 fb 3c fe 02 d4 7d fc 7d  
 ✓ f890 c3 13 f8 cd 77 fb c4 64 fc 7d fe 08 d4 64 fc 29  
 ✓ f8a0 29 29 1a 85 5f 2a 72 d0 7e fe 2c 23 22 72 d0 c2  
 ✓ f8b0 6d fc 7b c9 fe 01 c2 c4 f8 cd 93 f8 e6 08 c4 64  
 ✓ f8c0 fc 7b e6 f7 cd d4 f8 cd 77 fb 7d 54 cd d4 f8 7a  
 ✓ f8d0 c3 13 f8 c9 2a 68 d0 77 23 22 68 d0 2a 7a d0 23  
 ✓ f8e0 23 cd 22 f2 22 7a d0 c9 3a 70 d0 b7 c2 ed df cd  
 ✓ f8f0 a6 f0 3e 01 c3 78 f6 2a 72 d0 7e fe 20 c0 23 22  
 ✓ f900 72 d0 c3 fa f8 21 5b d0 22 50 d0 06 02 cd 3a fe  
 ✓ f910 c9 6f 72 67 00 00 65 71 75 00 01 64 62 00 00 ff  
 ✓ f920 64 73 00 00 03 64 77 00 00 05 65 6e 64 00 06 00  
 ✓ f930 68 6c 74 76 72 6c 63 07 72 72 63 0f 72 61 6c 17  
 ✓ f940 72 61 72 1f 72 65 74 c9 63 6d 61 2f 73 74 63 37  
 ✓ f950 64 61 61 27 63 6d 63 3f 65 69 00 fb 64 69 00 f3  
 ✓ f960 6e 6f 70 00 00 78 63 68 67 eb 78 74 68 6c e3 73  
 ✓ f970 70 68 6c f9 70 63 68 6c e9 00 73 74 61 78 02 6c  
 ✓ f980 64 61 78 0a 00 70 75 73 68 c5 70 6f 70 00 c1 69  
 ✓ f990 6e 78 00 03 64 63 78 00 0b 64 61 64 00 09 00 69  
 ✓ f9a0 6e 72 04 64 63 72 05 6d 6f 76 40 61 64 64 80 61  
 ✓ f9b0 64 63 88 73 75 62 90 73 62 62 98 61 6e 61 a0 78  
 ✓ f9c0 72 61 a8 6f 72 61 b0 63 6d 70 b8 72 73 74 c7 00  
 ✓ f9d0 61 64 69 c6 61 63 69 ce 73 75 69 d6 73 62 69 de  
 ✓ f9e0 61 6e 69 e6 78 72 69 ee 6f 72 69 f6 63 70 69 fe  
 ✓ f9f0 69 6e 00 db 6f 75 74 d3 6d 76 69 06 00 6a 6d 70  
 ✓ fa00 00 c3 63 61 6c 6c cd 6c 78 69 00 01 6c 64 61 00  
 ✓ fa10 3a 73 74 61 00 32 73 68 6c 64 22 6c 68 6c e4 2a  
 ✓ fa20 00 6e 7a 00 7a 00 08 6e 63 10 63 00 18 70 6f 20  
 ✓ fa30 70 65 28 70 00 30 6d 00 38 00 2a 50 d0 1a b7 ca  
 ✓ fa40 4c fa 48 cd eb f0 1a c8 13 c3 3a fa 3c 13 c9 21  
 ✓ fa50 5a d0 22 50 d0 11 11 f9 06 04 cd 3a fa ca f8 fa  
 ✓ fa60 05 cd 3a fa ca 6b fa 04 cd 3a fa 21 13 f8 0e 01  
 ✓ fa70 ca cb fa cd 3a fa 21 17 f8 ca 6e fa cd 3a fa 21  
 ✓ fa80 2a f8 ca 6e fa 05 cd 3a fa 21 49 f8 ca 6e fa cd  
 ✓ fa90 3a fa 21 7e f8 0e 02 ca cb fa 04 cd 3a fa ca c6  
 ✓ faa0 fa cd 05 f9 c2 f0 fa c6 c0 57 06 03 3a 5a d0 4f  
 ✓ fab0 fe 72 7a ca 6b fa 79 14 14 fe 6a ca c5 fa fe 63  
 ✓ fac0 c2 f0 fa 14 14 7a 21 b4 f8 0e 03 32 79 d0 3e 5a  
 ✓ fad0 80 5f 3e d0 ce 00 57 1a b7 c2 f0 fa 3a 70 d0 06  
 ✓ fae0 00 eb 2a 6e d0 09 22 6e d0 b7 c8 3a 79 d0 eb e9  
 ✓faf0 21 90 fc 0e 03 c3 dc fa 21 5e d0 7e b7 c2 f0 fa  
 ✓fb00 3a 70 d0 b7 ca 3f f7 c3 c4 f7 fe 41 d8 fe 7b 3f  
 ✓fb10 d8 cd 58 fb 21 5a d0 22 50 d0 05 c2 2e fb 04 11  
 ✓fb20 47 fb cd 3a fa c2 2e fb 6f 26 00 c3 41 fb 3a 74  
 ✓fb30 d0 47 11 ff d0 b7 ca 44 fb 3e 05 32 71 d0 cd d4  
 ✓fb40 f0 37 3f c9 3c b7 c9 61 07 62 00 63 01 64 02 65  
 ✓fb50 03 68 04 6c 05 6d 06 00 06 00 12 04 78 fe 0b d0  
 ✓fb60 13 23 22 72 d0 7e fe 30 d8 fe 3a da 5a fb 41  
 ✓fb70 d8 fe 7b da 5a fb c9 cd f7 f8 21 00 00 a2 76 d0  
 ✓fb80 24 22 77 d0 2a 72 d0 2b cd fe f0 32 75 d0 23 7e  
 ✓fb90 fe 21 da 36 fc fe 2c ca 36 fc fe 2b ca a7 fb fe  
 ✓fba0 2d c2 b7 fb 32 75 d0 3a 78 d0 fe 02 ca 6d fc 3e  
 ✓fbb0 02 32 78 d0 c3 8e fb 4f 3a 78 d0 b7 ca 6d fc 79  
 ✓fbc0 fe 24 c2 cf fb 23 22 72 d0 2a 6e d0 c3 0b fc fe  
 ✓fbd0 27 c2 fb fb 11 00 00 0e 03 23 22 72 d0 7e fe 0d  
 ✓fbe0 ca 8b fc fe 27 c2 f2 fb 23 22 72 d0 7e fe 27 c2  
 ✓fbf0 0c fc 0d ce 8b fc 53 5f c3 d9 fb fe 30 da 8b fc  
 ✓fc00 fe 3a d2 2a fc cd 46 fc da 8b fc eb 2a 76 d0 af  
 ✓fc10 32 78 d0 3a 75 d0 b7 c2 21 fc 19 22 76 d0 c3 84  
 ✓fc20 fb 7d 93 6f 7c 9a 67 c3 1b fc cd 0a fb ca 0b fc  
 ✓fc30 da 8b fc c3 78 fc 3a 78 d0 b7 c2 6d fc 2a 76 d0  
 ✓fc40 7c 11 79 d0 b7 c9 cd 58 fb 1b 1a 01 5a d0 fe 68

22

22

✓fc50 cs 5e fc fe 64 c2 5e fc af 12 cd 9a f1 c9 af 12  
✓fc60 cd b4 f1 c9 3e 52 21 00 00 32 a0 d0 c9 3e 53 32  
✓fc70 a0 d0 21 00 00 c3 40 fc 3e 55 c3 6f fc 3e 56 c3  
✓fc80 66 fc 3e 4d 32 a0 d0 cd cd f6 c9 3e 41 c3 6f fc  
✓fc90 3e 4f 32 a0 d0 3e 70 d0 b7 c8 0e 03 af cd d4 f8  
✓fc90 0d c2 9c fc c9 3e 4c c3 92 fc 3e 44 32 a0 d0 cd  
✓fc90 cd f6 c3 19 f7 23 c2 43 f3 c3 4a f3/f5 db 02 e6  
✓fcc0 40 c2 bd fc f1 c9 db 06 1f da c6 fc db 07 c9 e5 —  
✓fc0 c5 f5 3a ff df fe 00 ca e4 fc db 82 17 d2 da fc —  
✓fce0 f1 d3 83 f5 db 00 17 d2 e4 fc f1 d3 01 c9 21 0b —  
✓fcf0 fd cd e5 ff d5 21 13 fd cd e5 ff d5 21 19 fd cd —  
✓fd00 e5 ff 7b d1 e1 cd d3 ff c9 00 00 46 52 4f 4d 3f —  
✓fd10 20 03 03 20 54 4f 3f 20 03 20 43 4f 55 4e 54 3f —  
✓fd20 20 03 03 c5 06 1e 3e 55 cd 7e fd 3e aa cd 7e fd —  
✓fd30 05 c2 26 fd c1 c9 cd c6 fc fe 55 c2 36 fd cd c6 —  
✓fd40 fc fe aa c2 36 fd cd c6 fc fe ff c2 3e fd c9 db —  
✓fd50 00 e6 40 ca 4f fd db 01 e6 7f c9 db 02 e6 40 c2 —  
✓fd60 5b fd c9 c9 e5 d5 c5 cd 25 f0 c1 d1 e1 c9 e5 7e —  
✓fd70 cd ee ff 23 fe 03 c2 6f fd cd 64 fd e1 c9 f5 db  
✓fd80 06 17 da 7f fd f1 d3 07 c9 f5 db 00 17 d2 8a fd  
✓fd90 f1 d3 01 c9 cd c6 fc d3 03 cd 89 fd c3 94 fd e5  
✓fda0 d5 c5 47 04 05 ca b1 fd 7e eb 77 eb 13 23 c3 a4  
✓fdb0 fd c1 d1 e1 c9 e5 7e cd ee ff 23 fe 03 c2 b6 fd  
✓fdc0 e1 c9 e5 c5 11 00 00 06 04 0e 04 37 7b 17 5f 7a  
✓fdd0 17 57 da d6 fd 1d 0d c2 cb fd 7e d6 57 fe 08 f2  
✓fde0 e4 fd c6 27 83 5f 23 05 c2 c9 fd c1 e1 c9 21 00  
✓fdf0 f0 db 06 e6 80 c2 f1 fd 7e d3 07 7d 23 fe 00 c2  
✓fe00 f1 fd 7c fe 00 d3 02 c2 f1 fd fb c3 ee fd cd a6  
✓fe10 f0 c9 00 00 e5 cd e2 ff 21 ac d0 cd b8 ff e1 c9  
✓fe20 21 88 fe cd e5 ff d5 21 90 fe cd e5 ff e1 e5 06  
✓fe30 ff 7c a8 67 7d a8 6f 23 23 19 d1 eb e5 21 98 fe  
✓fe40 cd e2 ff cd f7 ff 78 cd dc ff 21 ac d0 7e fe 0d  
✓fe50 ca 5a fe cd dc ff 23 c3 4d fe 3e 03 cd dc ff e1  
✓fe60 7e fe 03 c2 69 fe cd dc ff cd dc ff 1b 23 af bb  
✓fe70 c2 60 fe ba c2 60 fe 3e 03 cd dc ff 78 cd dc ff  
✓fe80 3e 21 cd ee ff c9 00 00 53 54 41 52 54 3f 20 03  
✓fe90 20 7f 45 4e 44 3f 20 03 0a 0d 7f 4e 41 4d 45 3f  
✓fea0 20 03 21 c4 fe cd e5 ff d5 21 cc fe cd e5 ff 7b  
✓feb0 e1 2b 23 be c2 b2 fe e5 7c cd d3 f1 e1 7d cd e3  
✓fec0 f1 c9 00 00 41 44 44 52 3f 20 03 03 20 50 54 52  
✓fed0 4e 3f 20 03 21 08 ff cd e5 ff 62 6b 22 05 d0 3e  
✓fee0 01 be 23 c2 e1 fe 2b 22 07 d0 3e 0d 2b be c2 ec  
✓fef0 fe 2b be c2 f1 fe 23 23 06 04 11 09 d0 7e 12 05  
✓ff00 c8 00 00 23 13 c3 fd fe 41 44 44 52 3f 20 03 f5  
✓ff10 78 cd be ff 79 cd be ff 7a cd be ff 7b cd be ff  
✓ff20 7c cd be ff 7d cd be ff 7e cd be ff f1 f5 cd be  
✓ff30 ff c5 cd a6 f0 c1 f1 c9 ac d0 cd c2 fd e1 c9 21  
✓ff40 94 ff cd e5 ff 21 9c ff cd e2 ff 3e 53 cd b2 ff  
✓ff50 cd f4 ff 3e 46 cd b2 ff 21 ac d0 cd d9 ff fe 03  
✓ff60 ca 6b ff be c2 4b ff 23 c3 5b ff 3e 0d be c2 4b  
✓ff70 ff 3e 4c cd b2 ff eb cd d9 ff fe 03 ca 84 ff 77  
✓ff80 23 c3 77 ff cd d9 ff fe 03 ca 7f ff 3e 21 cd ee  
✓ff90 ff c9 00 00 41 44 44 52 3f 20 03 03 20 4e 41 4d  
✓ffa0 45 3f 20 03 f5 d5 e5 c5 cd e3 f1 c1 e1 d1 f1 c9  
✓ffb0 fb c3 c9 e3 fc c3 93 f0 c3 c2 fd c3 a2 fe c3 a4  
✓ffc0 ff c3 d4 fe c3 bc c9 00 00 c3 0f ff c3 ee fd  
✓ffd0 c3 ee fc c3 9f fd c3 94 fd c3 c6 fe c3 7e fd c3  
✓ffe0 b5 fd c3 6e fd c3 14 fe c3 64 fd c3 4f fd c3 d1  
✓fff0 fc c3 a0 f0 c3 36 fd c3 23 fd c3 3f ff c3 20 fe

end

3700 ok44 call incts  
? 3000 ok3 call incts  
? 3700  
? 3700 ok4 call incts  
? 2  
delt 2440  
? 2471 error pop h  
? 2472 pop d  
? 2473 pop b  
? 2474 stc  
? 2475 ret  
? 2461 ora a  
? assme 4000

41b3 00 00 00 0 2790 slhd mend  
41b9 00 00 00 0 2800 mx1 hmss3  
? 2790 shld mend  
? 2800 lxi hmss3  
? assme 4000

12  
11 ? wrtpSTART? ? files  
10 disk 0040 1d93  
9

8 ? wrtpSTART? 0040 END? 1d93  
7 NAME? disk!  
6 ? rdtpADDR? ? file /v/2000  
5 v 2000 2000

4  
? rdtpADDR? 2000 NAME? disk!  
? lis  
files

v 2000 2000  
disk 0040 1d93

? fixfADDR? 2000

? files

v 2000 3d53

disk 0040 1d93

? files

v 2000 3d53

disk 0040 1d93

? file

v 2000 3d53

? file disc

WHAT?

? file /disc/

WHAT?

? file /disk/

disk 0040 1d93

? list

0050 ors 4000h

40150100 dkin push h ✓

-0110 push d ✓

-0120 push b ✓

-0130 mov a,d ✓ //track number

-0140 call nwtrk ✓

-0150 call dski ✓ cd cd 40

-0160 pop b ✓

-0170 pop d ✓

-0180 pop h ✓

-0190 ret ✓

40230200 dkout push h ✓

-0210 push d ✓

-0220 push b ✓

-0230 mov a,d ✓

-0240 call nwtrk ✓ cd 54 40

-0250 mvi a,137 ✓

-0260 call dsk0 ✓ cd T1 40

-0270 pop b ✓

-0280 pop d ✓

-0290 pop h ✓

-0300 ret ✓

12 0310 \*

11 0320 \*

10 0330 \*

4033-0340 init out 8 ✓

4034-0350 loop1 in 8 ✓

7 -0360 ani 40h ✓

6 -0370 jz trk0 //there now ✓ CA 4E 40

4035-0380 wait1 in 8 ✓ //wait for head movement

4 -0390 ani 02h ✓

-0400 jnz wait1 ✓ C2 3C 40

-0410 mvi a,2 ✓ //move head

40420 out 9 ✓

— 0430 mvi a,0 —  
— 0440 out 9 ✓  
— 0450 jmp loop ✓ C3 35 40  
— 0460 trk0 mvi a,0 ✓  
— 0470 sta crtrk ✓ 32 3a 43  
— 0480 ret ✓  
— 0490 nwtrk push b ✓ ;desired trk is in A  
— 0500 mov b,a ✓ ;now it's in b  
— 0510 assin lda crtrk ✓  
— 0520 mov c,a ✓ ;put real one in c  
— 0530 cmp b ✓  
— 0540 jz done ✓ ;all finished CA 8F 40  
— 0550 jnc mvout ✓ ;must go out C2 78 40  
— 0560 wait2 in 8 ✓ ;here we move in  
— 0570 ani 02h ✓  
— 0580 jnz wait2 ✓ C2 61 40  
— 0590 mvi a,1 ✓  
— 0600 out 9 ✓  
— 0610 mvi a,0 ✓  
— 0620 out 9 ✓  
4070 0630 inr c —  
— 0640 mov a,c —  
— 0650 sta crtrk ✓ 32 3a 43  
— 0660 jmp again ✓ C3 56 40  
— 0670 mvout in 8 — ;wait  
— 0680 ani 02h —  
— 0690 jnz mvout ✓ C2 78 40  
— 0700 mvi a,2 —  
— 0710 out 9 ✓  
— 0720 mvi a,0 ✓  
— 0730 out 9 ✓  
— 0740 dcr c ✓  
— 0750 mov a,c ✓  
— 0760 sta crtrk ✓ 32 3a 43  
— 0770 jmp again ✓ C3 56 40  
408F 0780 done pop b //  
0790 ret ✓  
0800 \*  
0810 \*  
0820 \*  
— 0830 dsk0 mov c,a ✓ ;from MITS  
— 0840 mvi a,136 ✓  
— 0850 sub c ✓  
— 0860 mov b,a ✓  
— 0870 call secset ✓ cd ef 40  
— 0880 mvi a,128 ✓  
— 0890 out 9 ✓  
409D 0900 ohlds mvi d,1 ✓  
— 0910 mvi a,128 ✓  
— 0920 ora m ✓  
— 0930 mov e,a ✓  
— 0940 inx h ✓  
40A4 0950 notst in 8 —  
— 0960 ana d ✓  
12 0970 jnz notst ✓ C2 A4 40  
11 0980 add e ✓  
10 0990 out 10 ✓  
9 — 1000 mov e,m ✓  
8 — 1010 inx h ✓  
7 — 1020 mov e,m ✓  
6 — 1030 inx h ✓  
5 — 1040 dcr c ✓  
4 — 1050 jz zrlor ✓ CA BB 40  
— 1060 dcr c ✓  
— 1070 out 10 ✓  
— 1080 jnz notst ✓ C2 A4 40

40BB1090 zrlop in 8 ✓  
 -1100 ana d ✓  
 -1110 jnz zrlop ✓ C2 BB 40  
 -1120 out 10 ✓  
 -1130 dcr b ✓  
 -1140 jnz zrlop ✓ C2 BB 40  
 -1150 ei ✓  
 -1160 mvi a,8 ✓  
 -1170 out 9 ✓  
 -1180 ret ✓  
 40CD1190 dski call secset ✓ CD EF 40  
 -1200 mvi c,137 ✓  
 40D21210 reado in 8 ✓  
 -1220 ora a ✓  
 -1230 jm reado ✓ FA D2 40  
 -1240 in 10 ✓  
 -1250 mov m,a ✓  
 -1260 inx h ✓  
 -1270 dcr c ✓ → { C4 C9 40 C2 Retdo  
 -1280 nop { dcr c  
 -1290 in 10 ✓  
 -1300 mov m,a ✓  
 -1310 inx h ✓  
 -1320 jnz reado ✓ C2 D2 40  
 -1330 retdo ei ✓  
 -1340 mvi a,8 ✓  
 -1350 mvi a,8  
 -1360 out 9 ✓  
 -1370 ret ✓  
 40EF1380 secset mvi a,4 ✓  
 -1390 out 9 ✓  
 -1400 di ✓  
 40F41410 seclp in 9 ✓  
 -1420 rar ✓  
 -1430 jc seclp ✓ DA F4 40  
 -1440 ani 31 ✓  
 -1450 cmp e ✓  
 -1460 jnz seclp2 ✓ C2 F4 40  
 -1470 ret ✓  
 1480 \*  
 1490 \* sector write with checksum  
 1500 \*  
 1510 \* hl->data  
 1520 \* de = t/s  
 1530 \*  
 410L1540 dout push b ✓  
 -1550 push d ✓  
 -1560 push h ✓  
 -1570 mvi a,-1 ✓  
 -1580 sta buff ✓ 32 46 43  
 -1590 mov a,d ✓  
 -1600 sta buff+1 ✓ 32 47 43  
 -1610 mov a,e ✓  
 -1620 sta buff+2 ✓ 32 48 43  
 12 -1630 mvi a,0 ✓  
 11 -1640 sta buff+4 ✓ 32 4A 43  
 10 -1650 sta buff+5 ✓ 32 4B 43  
 9 -1660 sta buff+6  
 8 -1670 sta buff+7  
 7 -1680 pop h ✓  
 6 -1690 push h ✓  
 5 -1700 lxi d,buffer ✓ 11 06 4C 43  
 4120 -1710 lxi m, a,m ✓ MVI B, 80  
 -1720 stax d ✓  
 -1730 inx h ✓  
 -1740 inx d ✓

4124 1750 dcr b ✓  
— 1760 jnz lp ✓ c2 20 41  
— 1770 mvi b,136 ✓  
— 1780 lxi h,buff ✓ 21 46 43  
— 1790 mvi a,0 ✓  
412F 1800 lp2 mov c,m ✓  
— 1810 add c ✓  
— 1820 inx h ✓  
— 1830 dcr b ✓  
— 1840 jnz lp2 ✓ c2 2F 41  
— 1850 sta buff+136 ✓ 32 cc 43  
— 1860 pop h ✓  
— 1870 pop d ✓  
— 1880 push d ✓  
— 1890 push h ✓  
— 1900 lxi h,buff ✓ 21 46 43  
— 1910 call dkout ✓ cd 23 40  
— 1920 pop h ✓  
— 1930 pop d ✓  
— 1940 pop b ✓  
— 1950 ret ✓  
1960 \*  
1970 \* sector read with checksum  
1980 \*  
1990 \* hl->data  
2000 \* de = t/s  
4142 — 2010 din push b ✓  
— 2020 push d ✓  
— 2030 push h ✓  
— 2040 mvi a,1 ✓  
— 2050 sta mode ✓  
— 2060 comb lxi h,buff 21 46 43  
— 2070 call dkin cd 15 40  
— 2080 lxi d,buff+8 ✓ 11 4C 43  
— 2090 pop h ✓  
— 2100 push h ✓  
— 2110 lds mode ✓ 3A 3B 43  
— 2120 ora a ✓  
— 2130 jz nread ✓ CA 6B 41  
— 2140 mvi b,128 ✓  
4163 2150 lp3 ldx d ✓  
— 2160 mov m,a ✓  
— 2170 inx h ✓  
— 2180 inx d ✓  
— 2190 dcr b ✓  
— 2200 jnz lp3 ✓ c2 63 41  
416B 2210 nread pop h ✓  
— 2220 pop d ✓  
— 2230 push d ✓  
— 2240 push h ✓  
— 2250 lds buff+1 ✓ 3A 47 43  
— 2260 cmp d ✓  
— 2270 jnz error ✓ c2 98 41  
— 2280 lds buff+2 ✓ 3A 48 43  
12 — 2290 cmp e ✓  
11 — 2300 jnz error ✓ c2 98 41  
10 — 2310 mvi b,136 ✓  
9 — 2320 lxi h,buff 21 46 43  
8 — 2330 mvi a,0 ✓  
4184 2340 lp4 mov c,m ✓  
6 — 2350 add c ✓  
5 — 2360 inx h ✓  
4 — 2370 dcr b ✓  
— 2380 jnz lp4 ✓ c2 84 41  
— 2390 mov c,a ✓  
2400 lds buff+136 ✓ 3A cc 43

418f 2410 cmp c ✓  
 - 2420 jnz error ✓ c2 98 41  
 - 2430 pop h ✓  
 - 2450 pop d ✓  
 - 2460 pop b ✓  
 - 2461 ora a ✓  
 - 2470 ret ✓  
 - 4198 2471 error pop h ✓  
 - 2472 pop d ✓  
 - 2473 pop b ✓  
 - 2474 stc ✓  
 - 2475 ret ✓  
 2480 \*  
 2490 \* verification only entry to above  
 2500 \*  
 419d 2510 dvert push b ✓  
 - 2520 push d ✓  
 - 2530 push h ✓  
 - 2540 mvi a,0 ✓  
 - 2550 sta mode ✓ 32 3b 43  
 - 2560 jmp comb ✓ c3 4f 41  
 2570 \*  
 2580 \* routine to increment a t/s in de  
 2590 \* no check is made fro track overflow or validation  
 2600 \*  
 - 2610 incts inr e ✓  
 - 2620 mov a,e ✓  
 - 2630 cpi 32 ✓  
 - 2640 rnz ✓  
 - 2650 mvi e,0 ✓  
 - 2660 inr d ✓  
 - 2670 ret ✓  
 2680 \*  
 2690 \* WRDK - write disk command - prompts for parameters  
 2700 \*  
 - 2720 wrdk call nlnc ✓ cd c7 42  
 - 2730 lxi h,mss1 ✓ 21 d4 42  
 - 2740 call hxans ✓ EB xchg cd ef ff  
 - 2750 shld mstrt ✓ 22 3c 43  
 - 2760 call nlnc ✓ cd c7 42  
 - 2770 lxi h,mss2 ✓ 21 e0 42  
 - 2780 call hxans ✓ EB xchg  
 - 2790 shld mend ✓ 22 3e 43  
 - 2795 call nlnc ✓ cd c7 42  
 - 2800 lxi h,mss3 ✓ 21 ea 42  
 - 2810 call hxans ✓ EB xchg  
 - 2820 shld ts ✓ 22 40 43  
 2830 \* are we through?  
 - 2840 wloop lhld mend ✓ 2A 3E 43  
 - 2850 xchs ✓  
 - 2860 lhld mstrt ✓ 2A 3C 43  
 - 2870 call cmphd ✓ cd 20 42  
 - 2880 jc done2 ✓ DA 31 42  
 - 2890 \* prepare for write, and write  
 12 - 2900 lhld ts ✓ 2A 40 43  
 11 - 2910 xchs ✓  
 418eA 2920 lhld mstrt ✓ 2A 3C 43  
 2930 call dout ✓ cd 01 41  
 2940 call dver ✓ cd 9d 41  
 2950 jnc ok3 ✓ d2 fc 41  
 2960 \* here there is an error  
 2970 call dkerr ✓ cd oe 42  
 2980 jmp wloop ; retrn ✓ c3 d8 41  
 2990 \* increment ts and addr  
 3000 ok3 call incts ✓ cd A8 41  
 3010 xchs ✓

7200 3020 shld ts ✓ 22 40 43  
 - 3030 xchs ✓  
 - 3040 lxi d,128 ; bytes ✓ 11 80 00  
 - 3050 dad d ✓  
 - 3060 shld mstrt ✓ 22 3C 43  
 - 3070 jmp wloop ✓  
 3080 \*  
 4205 3090 dkerr call nlnc ✓ cd c7 42  
 - 3100 lxi h, msg4 ✓ 21 F0 42  
 - 3110 call tell ✓ cd DF FF  
 - 3120 mov a,d ✓  
 - 3130 call hotnc ✓ cd BE FF  
 - 3140 mov a,e ✓  
 - 3150 call hotnc ✓ cd BE FF  
 - 3160 ret ✓  
 3170 \*  
 4210 3180 cmphd mov a,h ✓ result is carry=1 if hl >= de  
 - 3190 sub d ✓  
 - 3200 jc hlsm1 ✓ da 2F 42  
 - 3210 jnz hlbis ✓ C2 22 42  
 - 3220 mov a,l ✓  
 - 3230 sub e ✓  
 - 3240 jc hlsm1 ✓ da 2F 42  
 4212 3250 hlbis stc ✓  
 - 3260 ret ✓  
 - 3270 hlsm1 ora a ✓  
 - 3280 ret ✓  
 3290 \*  
 4214 3300 done2 call nlnc ✓ cd c7 42      done2      Call nlnc  
 - 3310 lxi h, msg5 ✓ Lxi h msg5  
 - 3320 call tell ✓ Call Tell  
 - 3330 lhld ts ✓ lhld TS  
 3340 mov a,h ✓ 2B DCX H DCX H  
 - 3350 call hotnc ✓ 7D mov A,L mov A,L  
 - 3360 mov a,l ✓ F6 CPI FF CPI FF  
 - 3370 call hotnc ✓  
 - 3380 ret ✓ JNZ Call hotnc  
 3390 \* 2E MVI L, 1F mvi L, 1F  
 3400 \* RDDK - command to read disk 7C mov A,H mov A,H prompts for parameters  
 3410 \*  
 4244 3420 rddk call nlnc ✓ cd c7 42 Call hotnc  
 - 3430 lxi h, msg6 ✓ 21 14 43 cd c5 ff mov A,L  
 - 3440 call hxans ✓ E8 XCHG Call hotnc  
 - 3450 shld tsstr ✓ 22 42 43 ret  
 - 3460 call nlnc ✓ call cd c7 42  
 - 3470 lxi h, msg7 ✓ 21 20 43  
 - 3480 call hxans ✓ E8  
 - 3490 shld tsend ✓ 22 44 43  
 - 3500 call nlnc ✓ cd c7 42  
 - 3510 lxi h, msg1 ✓ 21 84 42  
 - 3520 call hxans ✓ E8 XCHG  
 - 3530 shld mstrt ✓ 22 3C 43  
 3540 \* are we through?  
 4276 3550 rloop lhld tsend ✓ 2A 44 43  
 12 - 3560 xchs ✓  
 11 - 3570 call incts ✓ cd A8 41 2A 42 43  
 10 - 3580 lhld tsstr ✓ cd 20 42 Call cmphd  
 9 - 3590 jc done3 ✓  
 8 - 3600 \* prepare for read, and read  
 7 - 3610 lhld tsstr ✓ 2A 42 43  
 6 - 3620 xchs ✓  
 5 - 3630 lhld mstrt ✓ 2A 3C 43  
 4 - 3640 call din ✓ CD 47 41  
 3650 jnc ok4 ✓ D2 99 42  
 3660 \* here, error  
 3670 call dkerr ✓ cd 0E 42

4296 3680 jmp rloop ✓ c3 76 42  
3690 \* increment ts and mem addr  
- 3700 ok4 call incts ✓ cd 98 41  
- 3710 xchs ✓  
- 3720 shld tsstr ✓ 22 42 43  
- 3730 xchs ✓  
- 3740 lxi d,128 ✓  
- 3750 dad d ✓  
- 3760 shld mstrt ✓ 22 3c 43  
- 3770 jmp rloop ✓ c3 76 42  
- 42ab 3780 done3 call nlnc ✓ cd 47 41  
- 3790 lxi h,mss8 ✓ 21 2a 43  
42b1 3800 call ts ✓ c2 df ff  
- 3810 lxi h,mstrt ✓ 2a 3c 43  
- 3820 dcx h ✓  
- 3830 mov a,h ✓  
- 3840 call hotnc ✓ cd be ff  
- 3850 mov a,l ✓  
- 3860 call hotnc ✓ cd be ff  
- 3870 ret ✓ 3e 00 mvi A,00 initA  
42c7 7000 nlnc push h ✓ cd 33 40 init  
- 7010 lxi h,crlf ✓ H do 42  
- 7020 call tell ✓ cd df ff c9  
- 7030 pop h ✓  
- 7040 ret ✓  
- 7050 crlf dw 0a0dh ✓  
- 7060 dw 0303h ✓  
42d4 8000 mss1 dw 'EM' ✓  
- 8002 dw ' M' ✓  
- 8004 dw 'TS' ✓  
- 8006 dw 'RA' ✓  
- 8008 dw 'IT' ✓  
- 8010 dw 0320h ✓  
42e0 8012 mss2 dw 'EM' ✓  
- 8014 dw ' M' ✓  
- 8016 dw 'NE' ✓  
- 8018 dw 'ID' ✓  
- 8020 dw 0320h ✓  
42ea 8022 mss3 dw '/T' ✓  
- 8024 dw 'IS' ✓  
- 8025 dw 0320h ✓  
42f0 8028 mss4 dw 'RE' ✓  
- 8030 dw 'OR' ✓  
- 8032 dw ' R' ✓  
- 8034 dw 'TA' ✓  
- 8036 dw 'T' ✓  
- 8038 dw 'S' ✓  
- 8040 dw ' ;' ✓  
- 8042 dw 0303h ✓  
4300 8044 mss5 dw 'AL' ✓  
- 8046 dw 'TS' ✓  
- 8048 dw 'T' ✓  
- 8050 dw 'AR' ✓  
- 8052 dw 'KC' ✓  
12 - 8054 dw 'S' ✓  
11 - 8056 dw 'CE' ✓  
10 - 8058 dw 'OT' ✓  
9 - 8060 dw 'IR' ✓  
8 - 8062 dw 0320h ✓  
7 4314 8064 mss6 dw '/T'  
6 - 8066 dw ' S' ✓  
5 - 8068 dw 'TS' ✓  
4 - 8070 dw 'RA' ✓  
- 8072 dw 'IT' ✓  
- 8074 dw 0320h ✓  
4320 8076 mss7 dw '/T' ✓

4322- 8078 dw 'S' ✓  
8080 dw 'NE' ✓  
- 8082 dw 'ID' ✓  
- 8084 dw 0320h ✓  
- 8086 mss8 dw 'AL' ✓  
8088 dw 'TS' ✓  
- 8090 dw 'M' ✓  
- 8092 dw 'ME' ✓  
- 8094 dw 'A' ✓  
- 8096 dw 'DD' ✓✓  
- 8098 dw 'IR' ✓✓  
- 8100 dw 0320h ✓

- 9000 crtrk ds 1 3A 43  
9010 mode ds 1 //i-read 0-verify  
9020 buff ds 137 46 43  
9030 mstrt ds 2 3c 43  
9040 mend ds 2 3e 43  
9050 ts ds 2 40 43  
9060 tsstr ds 2 41 43  
9070 tsend ds 2 44 43  
9500 hotnc eau Offbeh  
9510 tell eau Offdfh  
9520 hxans eau Offe5h

?