MAIN LOOP - FUNCTION DECODING

```
002F   D4    SEP   R4      ;Begin Main Loop
  30   01                  ;Call Disassemble
  31   00
  32   D4    SEP   R4
  33   03                  ;Call Display Text page
  34   42
  35   F8    LDI
  36   81
  37   BC    PHI   RC
  38   F8    LDI
  39   95
  3A   AC    PLO   RC      ;RC = 8195 For Keyboard Scan in ROM
  3B   DC    SEP   RC      ;Call Key Scan - Key Press in D on return
  3C   F9    ORI           ;"OR" with 50 hex to create address
  3D   50                  ;For jump table
  3E   AC    PLO   RC
  3F   93    GHI   R3
0040   BC    PHI   RC      ;Set RC=Jump table address on this page @ 0050-005F
  41   0C    LDN   RC      ;Get data from jump table
  42   A3    PLO   R3      ;Put in R3.0 to jump to function selected
```

CONTROL FUNCTION JUMP TABLE

```
0050   80            ;Enter (write) byte @ address
  51   85            ;Tape Read/Write
  52   60
  53   60
  54   60
  55   60
  56   60
  57   60
  58   60
  59   60
  5A   8A            ;Add table entry
  5B   60
  5C   62            ;Page forward
  5D   76            ;Enter Show From address
  5E   7B            ;Enter Start From address
  5F   60
0060   30            ;Branch to 0035
  61   35            ;For next key press (notice all unused table entries
                                                                =60)
```