

MLS - BOARD EVALUATION

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08B1  F8  LDI      ;Set RC=address sub handler @ 0918
      B2  09      ; " " "
      B3  BC  PHI   RC ; " " "
      B4  F8  LDI      ; " " "
      B5  18      ; " " "
      B6  AC  PLO   RC
      B7  DC  SEP   RC ;Call sub--switch to PC=R4
      B8  F8  LDI      ;Set R3=address count sub @ 097E
      B9  09      ; " " "
      BA  B3  PHI   R3 ; " " "
      BB  F8  LDI      ; " " "
      BC  7E      ; " " "
      BD  A3  PLO   R3 ; " " "
      BE  F8  LDI      ;Set RA=address of board @ 0800
      BF  08      ; " " "

08C0  BA  PHI   RA ; " " "
      C1  F8  LDI      ; " " "
      C2  00      ; " " "
      C3  AA  PLO   RA ; " " "
      C4  D3  SEP   R3 ;Call sub--count pieces
      C5  E2  SEX   2  ;X=2 on return as last sub changes X
      C6  22  DEC   R2 ;Stack pointer free
      C7  F8  LDI
      C8  80
      C9  52  STR   R2 ;Push 80 (mid weight)
      CA  8E  GLO   RE ;D=RE.0 (# whites)
      CB  F4  ADD      ;Add # whites to weight on stack
      CC  52  STR   R2 ;Push
      CD  8F/E2 GLO  RF ;D=RF.0 (#blacks)/NOPS--see notes for
      CE  F5/E2 SD      ;Subtract #blacks/ strategy test (tape
      CF  52/E2 STR  R2 ;Push supplied with the NOPS)

08D0  94  GHI   R4 ;Set R3 to address adjust sub
      D1  B3  PHI   R3 ; " " "
      D2  F8  LDI      ; " " "
      D3  EC      ; " " "
      D4  A3  PLO   R3 ; " " "
      D5  F8  LDI
      D6  0B
      D7  AA  PLO   RA ;RA=corner #1
      D8  D3  SEP   R3 ;Do sub--adjust for corners
      D9  F8  LDI
      DA  12
      DB  AA  PLO   RA ;RA=corner #2
      DC  D3  SEP   R3 ;Do sub--adjust for corners

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