**DEFINITIONS OF NUMERIC ARGUMENTS**

1. Top of l'th line from the current position
2. Range between the current position and the location

**ASSUMPTIONS**

1. EBCDIK codes (0 <= a <= 255)
2. Exit condition (exit when f > 0)

**COMMANDS**

- ERs: External Read
- EWS: External Write
- EOSs: External Overwrite
- J: Jump to the position c
- C: Advance n Characters
- L: Advance l Lines
- T: Type out
- V: View: equivalent to '1-11T ;T/SS/ 12T'
- D: Delete n characters
- K: Kill
- I: Insert string
- E: Execute...r times
- S: Search n times within the range l (if specified)
- R: Replace and return signal: success...l; fail...G
- X: Extract string from the buffer
- G: Get string from O-register q
- I: Insert into O-register q
- T: Type a on the terminal
- U: Update: x = 99999999 unless specified
- V: do yq and return x
- f: exit from the loop when f > 0
- x: type out x followed by a space
- w: write(x:w)
- Q: Query
- P: Push
- C: Pop
- E: If x=y then...
- W: Wipe out its arguments
- ??: Trace on
- ??: Trace off
- @: Error return mode on
- @@: Error return mode off

**macros**

- MQLS2... ss Macro call
- NL: New line
- G: Get string from O-register q
- P: Push
- C: Pop
- E: If x=y then...
- W: Wipe out its arguments
- ??: Trace on
- ??: Trace off
- @: Error return mode on
- @@: Error return mode off