


```

EEEEEEEEEE 000000 DDDDDDDD EEEEEEEEEE FFFFFFFFFF BBBB8888
EEEEEEEEEE 000000 DDDDDDDD EEEEEEEEEE FFFFFFFFFF BBBB8888
EE          00      00 DD          DD EE          FF          BB          BB
EE          00      00 DD          DD EE          FF          BB          BB
EE          00      00 DD          DD EE          FF          BB          BB
EE          00      00 DD          DD EE          FF          BB          BB
EEEEEEEEEE 00      00 DD          DD EEEEEEEEE FFFFFFFF BBBB8888
EEEEEEEEEE 00      00 DD          DD EEEEEEEEE FFFFFFFF BBBB8888
EE          00      00 DD          DD EE          FF          BB          BB
EE          00      00 DD          DD EE          FF          BB          BB
EE          00      00 DD          DD EE          FF          BB          BB
EEEEEEEEEE 000000 DDDDDDDD EEEEEEEEEE FF          BBBB8888
EEEEEEEEEE 000000 DDDDDDDD EEEEEEEEEE FF          BBBB8888

```

```

88888888 333333 222222
88888888 333333 222222
BB          BB 33      33 22          22
BB          BB 33      33 22          22
BB          BB 33      33 22          22
BB          BB 33      33 22          22
88888888      33      22
88888888      33      22
BB          BB 33      33 22          22
BB          BB 33      33 22          22
BB          BB 33      33 22          22
BB          BB 33      33 22          22
88888888 333333 2222222222
88888888 333333 2222222222

```

UTL
S
F
V
C
V
R
MAC


```
! EOSINSERT edit pattern operator encoding
! Where CH is the character inserted
```

```
MACRO EOSINSERT(CH) = BYTE(%X'44',CH) %;
```

```
! EOSBLANK_ZERO edit pattern operator encoding
! Fix up the destination to be blank when the value is zero
! Where the fill character is stored in the last LEN bytes
! when the source string is zero.
! If LEN EQL 0 then unpredictable
```

```
MACRO EOSBLANK_ZERO(LEN) =
  %IF (LEN) LEQ 0
  %THEN %WARN('EOSBLANK_ZERO - Length must be greater than zero')
  %FI
  BYTE(%X'45', LEN) %;
```

```
! EOSREPLACE_SIGN edit pattern operator encoding
! Fix up the destination sign when the value is -0
! Where contents of fill register are stored
! in last LEN bytes of destination.
! If LEN EQL 0 then unpredictable
```

```
MACRO EOSREPLACE_SIGN(LEN) =
  %IF (LEN) LEQ 0
  %THEN %WARN('EOSREPLACE_SIGN - Length must be greater than zero')
  %FI
  BYTE(%X'46', LEN) %;
```

```
! EOSADJUST_INPUT edit pattern operator encoding
! Handle source strings with lengths different from the output
! if LEN EQL 0 or LEN GTR 31 then unpredictable
```

```
MACRO EOSADJUST_INPUT(LEN) =
  %IF (LEN) LEQ 0
  %THEN %WARN('EOSADJUST_INPUT - Length must be greater than zero')
  %ELSE
    %IF (LEN) GTR 31
    %THEN %WARN('EOSADJUST_INPUT - Length must be less than 32')
    %FI
  %FI
  BYTE(%X'47', LEN) %;
```

```
! EOSFILL edit pattern operator encoding
! Insert the fill character.
! where R is the repeat count.
```


! R must fit in a nibble.

MACRO

```
EOSFILL(R) =
%IF (R) LEQ 0
%THEN %WARN('EOSFILL - Repeat must be greater than zero')
%ELSE
    %IF (R) GTR 15
    %THEN %WARN('EOSFILL - Repeat must be less than 16')
    %FI
%FI
BYTE(%X'80' + R) %;
```

! EOSMOVE edit pattern operator encoding
! Move digits.
! where R is the repeat count.
! R must fit in a nibble.

MACRO

```
EOSMOVE(R) =
%IF (R) LEQ 0
%THEN %WARN('EOSMOVE - Repeat must be greater than zero')
%ELSE
    %IF (R) GTR 15
    %THEN %WARN('EOSMOVE - Repeat must be less than 16')
    %FI
%FI
BYTE(%X'90' + R) %;
```

! EOSFLOAT edit pattern operator encoding
! Move digits, floating the sign across insignificant digits.
! where R is the repeat count.
! R must fit in a nibble.

MACRO

```
EOSFLOAT(R) =
%IF (R) LEQ 0
%THEN %WARN('EOSFLOAT - Repeat must be greater than zero')
%ELSE
    %IF (R) GTR 15
    %THEN %WARN('EOSFLOAT - Repeat must be less than 16')
    %FI
%FI
BYTE(%X'A0' + R) %;
```

!+
!-
End EDITPC edit pattern operator encodings

