

++ VXSMAC.BEG - WIDELY USED STANDARD MACROS

Version: 'V04-000'

```
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Revision History:

```
02 01-07-77 CP Add CH$SEQUENCE.
03 12-08-77 CP Add CONSECUTIVE (from PARLIT.BEG).
```

MACRO

```
TRUE =1%, ! BOOLEAN TRUE
FALSE =0%, ! BOOLEAN FALSE

REPEAT = WHILE 1 DO%,
```

++ ZEROCOR ZEROES AN AREA OF CORE. THE TWO PARAMETERS ARE "ADDRESS" AND "COUNT", WHICH ARE THE ADDRESS OF THE AREA TO BE ZEROED, AND THE NUMBER OF CONTIGUOUS LONGWORDS TO BE ZEROED, RESPECTIVELY.

```
ZEROCOR (ADDRESS, COUNT) =
    CH$FILL (0, (COUNT) * 4, CH$PTR (ADDRESS))%,

ONEOF (X) [] =
    (MASK (%REMAINING)) ^ (X) LSS 0%,

OR_OP (X) [] =
    OR%,

MASK (X) [] =
    1 ^ (31-X) OR_OP (%REMAINING) MASK (%REMAINING)%,
```


