





```

VV      VV  XX      XX      SSSSSSSS  MM      MM      AAAAAA  CCCCCCCC
VV      VV  XX      XX      SSSSSSSS  MM      MM      AAAAAA  CCCCCCCC
VV      VV  XX      XX      SS          MMMM   MMMM   AA      AA  CC
VV      VV  XX      XX      SS          MMMM   MMMM   AA      AA  CC
VV      VV      XX  XX      SS          MM  MM  MM  AA      AA  CC
VV      VV      XX  XX      SS          MM  MM  MM  AA      AA  CC
VV      VV      XX  XX      SSSSSS     MM      MM  AA      AA  CC
VV      VV      XX  XX      SSSSSS     MM      MM  AA      AA  CC
VV      VV      XX  XX      SS          MM      MM  AAAAAAAAAA  CC
VV      VV      XX  XX      SS          MM      MM  AAAAAAAAAA  CC
VV      VV      XX  XX      SS          MM      MM  AA      AA  CC
VV      VV      XX  XX      SSSSSSSS  MM      MM  AA      AA  CCCCCCCC
VV      VV      XX  XX      SSSSSSSS  MM      MM  AA      AA  CCCCCCCC

```

```

RRRRRRR  EEEEEEEEE  QQQQQQ
RRRRRRR  EEEEEEEEE  QQQQQQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RRRRRRR  EEEEEEEEE  QQ      QQ
RRRRRRR  EEEEEEEEE  QQ      QQ
RR      RR  EE      QQ  QQ  QQ
RR      RR  EE      QQ  QQ  QQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RR      RR  EEEEEEEEE  QQQQ  QQ
RR      RR  EEEEEEEEE  QQQQ  QQ

```

```

**
VXSMAC.BEG - WIDELY USED STANDARD MACROS
Version: 'V04-000'

```

```

*****
*
* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
* ALL RIGHTS RESERVED.
*
* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
* INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
* TRANSFERRED.
*
* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
* CORPORATION.
*
* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
*
*****

```

```

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)%,

```

ch\$sequence (n) =  
VECTOR [ch\$allocation (n)]%,  
CONSECUTIVE [X] = LITERAL X = %COUNT%;

VXSMAC.BEG -- LAST LINE



