


```

BBBBBBBB      IIIIII      GGGGGGGG      NN      NN      UU      UU      MM      MM
BBBBBBBB      IIIIII      GGGGGGGG      NN      NN      UU      UU      MM      MM
BB      BB      II      GG      NN      NN      UU      UU      MMMM      MMMM
BB      BB      II      GG      NN      NN      UU      UU      MMMM      MMMM
BB      BB      II      GG      NNNN      NN      UU      UU      MM      MM
BB      BB      II      GG      NNNN      NN      UU      UU      MM      MM
BBBBBBBBbb    IIIIII      GG      NN      NN      UU      UU      MM      MM
BBBBBBBB      IIIIII      GG      NN      NN      UU      UU      MM      MM
BB      BB      II      GG      GG      NN      NN      UU      UU      MM      MM
BB      BB      II      GG      GG      NN      NN      UU      UU      MM      MM
BB      BB      II      GG      GG      NN      NN      UU      UU      MM      MM
BB      BB      II      GG      GG      NN      NN      UU      UU      MM      MM
BBBBBBBB      IIIIII      GGGGGG      NN      NN      UUUUUUUUUU      MM      MM
BBBBBBBB      IIIIII      GGGGGG      NN      NN      UUUUUUUUUU      MM      MM

```

```

RRRRRRRR      EEEEEEEEE      QQQQQQ
RRRRRRRR      EEEEEEEEE      QQQQQQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RRRRRRRR      EEEEEEEEE      QQ      QQ
RRRRRRRR      EEEEEEEEE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EEEEEEEEE      QQQQ      QQ
RR      RR      EEEEEEEEE      QQQQ      QQ

```

!Version V04-000 -- 16-OCT-1980

```

*****
*
* 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.
*
*****

```

!For DSR V1.124f

Macros for defining the largest and smallest numbers that can be represented in a single %BPVAL.

```

MACRO
MOST_NEGATIVE = !The most negative number that can be represented
                %BLISS16(%X'8000') %BLISS32(%X'80000000') %BLISS36(%X'400000000000')%,
MOST_POSITIVE = !The biggest positive number that can be represented
                ABS(MOST_NEGATIVE + 1)%,
MOST_DIGITS    = !The maximum number of digits in a number
                %BLISS16(5) %BLISS32(10) %BLISS36(11)%,
MOST_DIGITS_9  = !Maximum number of digits in a number of the form 99999....
                (MOST_DIGITS - 1)%;

```

End of BIGNUM.REQ

CL

LI

!

