





Version: 'V04-000'

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FACILITY:      DSR (Digital Standard RUNOFF) / DSRPLUS

ABSTRACT:
  Definitions pertaining to lists of numbers picked up by GLNM.

ENVIRONMENT:   Transportable BLISS

AUTHOR:        Rich Friday

CREATION DATE: 1978

MODIFIED BY:

  002          KAD00002      Keith Dawson      07-Mar-1983
                Global edit of all modules. Updated module names, idents,
                copyright dates. Changed require files to BLISS library.

```

```

LITERAL
  NMLST__COUNT      = 1,      !The number of numbers found.
  NMLST__VALUE       = 2,      !The values of the numbers.
  NMLST__DESCR       = 3;      !What the numbers looked like.

```

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LITERAL
  NMLST_MAXSIZE      = 40;

```

STRUCTURE

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!

```
NUMBER_LIST[I,Attribute;Length=NMLST_MAXSIZE] =
```

```
[%UPVAL*( 2*length + 1 )]
(If Attribute eq| NMLST__COUNT
then
NUMBER_LIST
else
(NUMBER_LIST + %UPVAL*1 +
(if Attribute eq| NMLST__VALUE
then %UPVAL*(I - 1)
else %UPVAL*(I - 1 + Length) ));
```

```
! Names for NMLST_DESCRIPT things.
```

```
LITERAL
```

```
NM_NULL      = 0,      ! No number given.
NM_UNSIGNED  = 1,      ! Number was unsigned.
NM_PLUS      = 2,      ! A '+' preceeded the number.
NM_MINUS     = 3,      ! A '-' preceeded the number.
NM_BAD       = 4;      ! The number was in error.
```

```
MACRO
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```
NMLST_COUNT      = NMLST [0,NMLST__COUNT]%,
NMLST_VALUE (I)  = NMLST [I,NMLST__VALUE]%,
NMLST_DESCR (I)  = NMLST [I,NMLST__DESCR]%;
```

```
! End of NMLST.REQ
```

