```
RRRRRRRRRRRR     UUU         UUU  NNN         NNN     000000000     FFFFFFFFFFFFFFF  FFFFFFFFFFFFFFF
RRRRRRRRRRRR     UUU         UUU  NNN         NNN     000000000     FFFFFFFFFFFFFFF  FFFFFFFFFFFFFFF
RRRRRRRRRRRR     UUU         UUU  NNN         NNN     000000000     FFFFFFFFFFFFFFF  FFFFFFFFFFFFFFF
RRR         RRR  UUU         UUU  NNN         NNN  000         000  FFF              FFF
RRR         RRR  UUU         UUU  NNN         NNN  000         000  FFF              FFF
RRR         RRR  UUU         UUU  NNN         NNN  000         000  FFF              FFF
RRR         RRR  UUU         UUU  NNNNNN      NNN  000         000  FFF              FFF
RRR         RRR  UUU         UUU  NNNNNN      NNN  000         000  FFF              FFF
RRR         RRR  UUU         UUU  NNNNNN      NNN  000         000  FFF              FFF
RRRRRRRRRRRR     UUU         UUU  NNN   NNN   NNN  000         000  FFFFFFFFFFFF     FFFFFFFFFFFF
RRRRRRRRRRRR     UUU         UUU  NNN   NNN   NNN  000         000  FFFFFFFFFFFF     FFFFFFFFFFFF
RRRRRRRRRRRR     UUU         UUU  NNN   NNN   NNN  000         000  FFFFFFFFFFFF     FFFFFFFFFFFF
RRR   RRR        UUU         UUU  NNN      NNNNNN  000         000  FFF              FFF
RRR   RRR        UUU         UUU  NNN      NNNNNN  000         000  FFF              FFF
RRR   RRR        UUU         UUU  NNN      NNNNNN  000         000  FFF              FFF
RRR      RRR     UUU         UUU  NNN         NNN  000         000  FFF              FFF
RRR      RRR     UUU         UUU  NNN         NNN  000         000  FFF              FFF
RRR      RRR     UUU         UUU  NNN         NNN  000         000  FFF              FFF
RRR         RRR  UUUUUUUUUUUUUUU  NNN         NNN     000000000     FFF              FFF
RRR         RRR  UUUUUUUUUUUUUUU  NNN         NNN     000000000     FFF              FFF
RRR         RRR  UUUUUUUUUUUUUUU  NNN         NNN     000000000     FFF              FFF
```

```
PPPPPPPP      000000      000000    LL
PPPPPPPP      000000      000000    LL
PP      PP  00      00  00      00  LL
PP      PP  00      00  00      00  LL
PP      PP  00      00  00      00  LL
PP      PP  00      00  00      00  LL
PPPPPPPP    00      00  00      00  LL
PPPPPPPP    00      00  00      00  LL
PP          00      00  00      00  LL
PP          00      00  00      00  LL
PP          00      00  00      00  LL                ....
PP          00      00  00      00  LL                ....
PP            000000      000000    LLLLLLLLLL        ....
PP            000000      000000    LLLLLLLLLL        ....


RRRRRRRR    EEEEEEEEEE    QQQQQQ
RRRRRRRR    EEEEEEEEEE    QQQQQQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RRRRRRRR    EEEEEEEE    QQ      QQ
RRRRRRRR    EEEEEEEE    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  EEEEEEEEEE    QQQQ  QQ
RR      RR  EEEEEEEEEE    QQQQ  QQ
```

```
!Version V04-000 -- 16-OCT-1980
!For DSR V1.124f
!
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!*********************************************************************
!
!       Structures defining information stored in a dynamic memory pool.
MACRO
        POOL = VECTOR [POOL_CNTRL_SIZE] %,
        PAD  = VECTOR [PAD_CNTRL_SIZE]  %;

LITERAL
        POOL_CNTRL_SIZE = 3,            !Size of POOL control area.
        PAD_CNTRL_SIZE  = 2;            !Size of a Pooled Area Descriptor

!Offsets into pool control area (POOL) and pool area descriptor (PAD)
LITERAL
        POOL_MAX_PADS   = 0,    !Maximum number of PADs that can be accommodated
        POOL_ACT_PADS   = 1,    !Current number of allocated PADs
        POOL_ACT_SIZE   = 2;    !Number of BPVALS in pool control area.

LITERAL
        PAD_SIZE        = 0,    !Size of pooled area (BLISS VALUES)
        PAD_ADDRESS     = 1;    !Start of pooled area

!The GET_SEG_ADDR macro returns the starting address of a
!specified segment from the specified pool.
MACRO
        GET_SEG_ADDR(AREA,INDEX) =
        BEGIN
        LOCAL
            PADTAB : REF VECTOR;
        PADTAB = .AREA+POOL_CNTRL_SIZE*%UPVAL;
        .PADTAB[PAD_CNTRL_SIZE*(INDEX-1)+PAD_ADDRESS]
        END     %;
```

```
!               End of POOL.REQ
```

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