


```

PPPPPPPP  HH      HH  DDDDDDD  EEEEEEEEE  FFFFFFFFF
PPPPPPPP  HH      HH  DDDDDDD  EEEEEEEEE  FFFFFFFFF
PP      PP  HH      HH  DD      DD  EE          FF
PP      PP  HH      HH  DD      DD  EE          FF
PP      PP  HH      HH  DD      DD  EE          FF
PP      PP  HH      HH  DD      DD  EE          FF
PPPPPPPP  HHHHHHHHHH DD      JD  EEEEEEEEE  FFFFFFFF
PPPPPPPP  HHHHHHHHHH DD      OD  EEEEEEEEE  FFFFFFFF
PP      HH      HH  DD      DD  EE          FF
PP      HH      HH  DD      DD  EE          FF
PP      HH      HH  DD      DD  EE          FF
PP      HH      HH  DD      DD  EE          FF
PP      HH      HH  DDDDDDD  EEEEEEEEE  FF
PP      HH      HH  DDDDDDD  EEEEEEEEE  FF

```

```

....
....
....
....

```

```

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

```

```

!
!
!
```

PHDEF.REQ Definitions having to do with the page handler

Version: 'V04-000'

```

*****
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++ FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS

ABSTRACT:

This require file defines the structure used to control page formatting. The basic structure name is PHAN. A macro herein (PHAN_DEFINITION) is used when defining the structure as an external. Then, the other macros defined by this require file are used to access the PHAN structure.

This require file also defines any literals related to page formatting.

***** NOTE *****

The items PHAN_LCHAR and PHAN_RCHAR are not yet supported by any routines.

ENVIRONMENT: Transportable BLISS

AUTHOR: Rich Friday

CREATION DATE: 16-October-1980

MODIFIED BY:

- 007 REM00007 Ray Marshall 16-Nov-1983
For the fields that need .PHAN[##] references, also added macros without the preceding dot so SAVRES can load them. These new fields have similar names but with "_f_" within them.
- 006 KFA00006 Ken Alden 16-Mar-1983

Extended SAVE/RESTORE to DSR.

005 KAD00005 Keith Dawson 07-Mar-1983
Global edit of all modules. Updated module names, idents,
copyright dates. Changed require files to BLISS library.

```
MACRO
PHAN_TOP_PAGE = PHAN[00]%, !True, if at top of page. *
PHAN_L LINES = .PHAN[01]%, !(SAVE)Logical lines per page.
PHAN_f_L LINES = PHAN[01]%, !(SAVE)Logical lines per page.

PHAN_P LINES = PHAN[02]%, !Physical lines per page.
PHAN_L LINES TP = PHAN[03]%, !Logical lines so far.
PHAN_F I G U R E = PHAN[04]%, !Count of deferred figure lines
PHAN_R I G H T = PHAN[05]%, !Amount to shift text right on page.
PHAN_T O P _ F I R S T = PHAN[06]%, !TRUE if top of first page *

PHAN_H E A D E R = .PHAN[07]%, !(SAVEALL)TRUE if headers wanted on pages *
PHAN_f_H E A D E R = PHAN[07]%, !(SAVEALL)TRUE if headers wanted on pages *

PHAN_F O R M _ P E N D = PHAN[08]%, !NONZERO if a form feed is waiting. *
PHAN_S L I N E S = PHAN[09]%, !Number of spooled lines per page

PHAN_P A G I N G = .PHAN[10]%, !(SAVEALL)TRUE if .PAGING was said or implied. *
PHAN_f_P A G I N G = PHAN[10]%, !(SAVEALL)TRUE if .PAGING was said or implied. *

PHAN_C M D _ P A G I N G = PHAN[11]%, !TRUE if /NOPAGING was not said or implied. *
PHAN_D O W N = PHAN[12]%, !Move output down this many lines.
PHAN_S I M U L A T E = PHAN[13]%, !TRUE if top of page should be done
!with blank lines rather than a ff. *
PHAN_B O T T O M = PHAN[14]%, !Number of filled lines when at
!bottom of page.
PHAN_P A U S E = PHAN[15]%, !TRUE if the user said /PAUSE. *
PHAN_L C H A R = PHAN[16]%, !Character to the left of the page number.
PHAN_R C H A R = PHAN[17]%, !Character to the right of the page number.
PHAN_D E P T H = PHAN[18]%, !TRUE if a long .PAGE SIZE can generate
!more than one ff. *
```

```
MACRO
PHAN_DEFINITION =
VECTOR[19]%;
```

```
LITERAL
PHAN_MIN_PAGE_LENGTH = 13; !No output page may be defined in any
!way to be smaller than this.
```

LIT
MA

CONVRT REQ
ECC REQ
DIGIT REQ
DMDEFS REQ
FFDEFS REQ
DSRLIB REQ
FLGIT REQ
FLIRCHARS REQ
FRMSTK REQ
GETQSC REQ
GNCC REQ
FSPACK REQ
GSLUCC REQ
GCA REQ
HCT REQ
HLC REQ
KWRITE REQ
IFSTK REQ
INDEX REQ
IRAC REQ
KC REQ
LSTBTS REQ
LSTOPS REQ
LSTXT REQ
MAXIMA REQ
LETTER REQ
MSG REQ
MSGTXT REQ
NBITTS REQ
NDXC LI REQ
NDXRTY REQ
NDXXPL REQ
NDXLIN REQ
NDXPOL REQ
NBTTTS REQ
OPDEV REQ
PHDEF REQ
OUTOPT REQ
NDXXPL REQ
POOL REQ
PAGEN REQ
NMLST REQ
RNODEF REQ
PASS REQ
NUMPRM REQ
PDT REQ
RNOMAC REQ
RINTAB REQ
RUNHAN REQ