



```

SSSSSSSS   AAAAAA   VV     VV   FFFFFFFFFF
SSSSSSSS   AAAAAA   VV     VV   FFFFFFFFFF
SS         AA      AA   VV     VV   FFFFFFFF
SS         AA      AA   VV     VV   FFFFFFFF
SS         AA      AA   VV     VV   FFFFFFFF
SS         AA      AA   VV     VV   FFFFFFFF
SSSSSSSS   AA      AA   VV     VV   FFFFFFFF
SSSSSSSS   AA      AA   VV     VV   FFFFFFFF
SS         AAAAAAAAAA VV     VV   FFFFFFFF
SS         AAAAAAAAAA VV     VV   FFFFFFFF
SS         AA      AA   VV     VV   FFFFFFFF
SS         AA      AA   VV     VV   FFFFFFFF
SSSSSSSS   AA      AA   VV     VV   FFFFFFFF
SSSSSSSS   AA      AA   VV     VV   FFFFFFFF

```

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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   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

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Version: 'V04-000'

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

ABSTRACT:

This require file defines part of the storage area for the .SAVE commands. Whole structures that will be saved will remain as they are; this Require file just defines the additional area for the single items. Items declared in the SAVE area do not also appear in the SAVEALL area because the SAVEALL area includes all that is in the SAVE area.

ENVIRONMENT: Transportable BLISS

AUTHOR: Ken Alden

CREATION DATE: December 1982

MODIFIED BY:

- 007 REM00007 Ray Marshall 1-June-1984  
Completely reworked the definitions of SAVE\_LENGTH & SAVEALL\_LENGTH. At least one size was wrong and hard coded values were used where a %SIZE could have been used. Now %SIZE is used for most of the items. Also, the XPD\_ items are now conditionalized for DSRPLUS.
- 006 KFA00006 Ken Alden 30-Sep-1983  
Moved the HCT items to the .SAVE list and three SCA items to the .SAVE ALL item block.

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- 005 KFA00005 Ken Alden 27-Jul-1983  
Added gca\_flag\_cmd to the save list.
- 004 KFA00004 Ken Alden 5-Jul-1983  
Added SCA\_FLAGS to the save list.
- 003 KAD00003 Keith Dawson 07-Mar-1983  
Global edit of all modules. Updated module names, idents,  
copyright dates. Changed require files to BLISS library.

```

$FIELD SAVE_FIELDS =
SET
save$g_sca_cc_ok      = [ $INTEGER ],
save$g_sca_justify   = [ $INTEGER ],
save$g_sca_fill      = [ $INTEGER ],
save$g_sca_crock     = [ $INTEGER ],
save$g_sca_lm        = [ $INTEGER ],
save$g_sca_rm        = [ $INTEGER ],
save$g_sca_spacing   = [ $INTEGER ],
save$g_sca_ker       = [ $INTEGER ],
save$g_sca_autotitle = [ $INTEGER ],
save$g_sca_flags     = [ $INTEGER ],
save$g_gca_width     = [ $INTEGER ],
save$g_gca_flag_cmd  = [ $INTEGER ],
save$g_gca_keep      = [ $INTEGER ],
save$g_hct_hd_case   = [ $INTEGER ],
save$g_hct_date      = [ $INTEGER ],
save$g_hct_headers   = [ $INTEGER ],
save$g_hct_nmpg_np   = [ $INTEGER ],
save$g_hct_number_pag = [ $INTEGER ],
save$g_hct_subtitle  = [ $INTEGER ],
save$g_phan_llines   = [ $INTEGER ]
TES;

```

```

LITERAL
save$k_length = $FIELD_SET_SIZE;

```

```

MACRO
$save_block =
BLOCK [save$k_length] FIELD (save_fields) %;

```

```

$FIELD saveall_fields =
SET
saveall$g_gca_autojust = [ $INTEGER ],
saveall$g_gca_autopara = [ $INTEGER ],
saveall$g_gca_autosubt = [ $INTEGER ],
saveall$g_gca_autotabl = [ $INTEGER ],
saveall$g_gca_case     = [ $INTEGER ],
saveall$g_gca_xcase    = [ $INTEGER ],
saveall$g_phan_header  = [ $INTEGER ],
saveall$g_phan_paging  = [ $INTEGER ],
saveall$g_sca_cc_ok    = [ $INTEGER ],
saveall$g_sca_bar_char = [ $INTEGER ],
saveall$g_sca_period   = [ $INTEGER ]
TES;

```

```

LITERAL
saveall$k_length = $FIELD_SET_SIZE;

```

```

MACRO
$saveall_block =
BLOCK [saveall$k_length] FIELD (saveall_fields) %;

```

```

MACRO
$XWDS (defined_as) =
%SIZE(defined_as)/%UPVAL %;

```

LITERAL

! Counting %BPVALs (or fullwords) since the size of this literal is in %BPVALs.

save\_length = \$XWDS(flag\_table [flag\_count]) ! The flag table.
+ \$XWDS(COUNTED\_LIST [max\_tabs]) ! The TAB table
+ \$XWDS(atable\_definition) ! The Action TABLE
+ \$XWDS(VECTOR [pdt\_size]) ! paragraph definition tables
+ save\$k\_length, ! SAVE block

%( save\_length = (flag\_count \* 2) ! Each flag uses Two fullwords
+ max\_tabs+2 ! maximum tabs plus two control words
+ CH\$ALLOCATION(atable\_length)! Each Action TABLE entry is one byte
+ pdt\_size ! paragraph definition tables
+ \$XWDS(\$save\_block), ! SAVE block

)% saveall\_length = save\_length ! Size of SAVE structure
+ saveall[\$k\_length ! SAVEALL block
+ 6 ! for DATTIM
+ \$xwds(counted\_list [max\_levels]) ! for HLLIST
+ (max\_ecc \* ecc\$k\_length) ! for ECC

%IF DSRPLUS %THEN
+ 1 ! for XPD\_FLAGS
+ \$xwds(fixed\_string [xp\_string\_size]) ! for XPD\_APPEND

%FI ;
%( Alternate definitions:
+ max\_levels+2 ! for HLLIST
+ (xp\_string\_size/%UPVAL)+4 ! for XPD\_APPEND

)%

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