



!

```

EEEEEEEEEE  CCCCCCCC  CCCCCCCC
EEEEEEEEEE  CCCCCCCC  CCCCCCCC
EE          CC          CC
EE          CC          CC
EE          CC          CC
EE          CC          CC
EEEEEEEEEE  CC          CC
EEEEEEEEEE  CC          CC
EE          CC          CC
EE          CC          CC
EE          CC          CC
EE          CC          CC
EEEEEEEEEE  CCCCCCCC  CCCCCCCC
EEEEEEEEEE  CCCCCCCC  CCCCCCCC
.....
.....
.....
.....

```

```

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'

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**
FACILITY:      DSR (Digital Standard RUNOFF) / DSRPLUS
ABSTRACT:
  Definitions for the ECC (Entity Counter/Caption area).
ENVIRONMENT:   Transportable BLISS
AUTHOR:       Keith Dawson
CREATION DATE: 1982
MODIFIED BY:
  004   KFA00004   Ken Alden   07-Jul-1983
        Made the counter into a full integer.
  003   KAD00003   Keith Dawson 07-Mar-1983
        Global edit of all modules. Updated module names, idents,
        copyright dates. Changed require files to BLISS library.

```

```

--
$FIELD ECC_FIELDS =
  SET
  ECC$V_OPTIONS    = [ $$SHORT_INTEGER ],
  $OVERLAY (ECC$V_OPTIONS)

```

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ECCSV_BOLD      = [ $BIT ],      !Make entity caption bold.
ECCSV_UNDERLINE = [ $BIT ],      !Underline entity caption.
ECCSV_UNNUMBERED = [ $BIT ],     !Do not display counter for this entity.
ECCSV_BREAK     = [ $BIT ],      !Start a new line after entity/CHAPTER/APPENDIX.
ECCSV_TOCPAGE   = [ $BIT ],      !Put a page number in the TOC.
ECCSV_PAGE      = [ $BIT ],      !Start a new page before CHAPTER or APPENDIX.
ECCSV_STARTODD  = [ $BIT ],      !Start this chapter/appendix on an odd-numbered page.

```

## \$CONTINUE

```

ECCSH_RUNIN     = [ $TINY_INTEGER ], !Run in caption with text.
ECCSH_CASE      = [ $TINY_INTEGER ], !Case rules for caption (see values below).
ECCSH_POSITION  = [ $TINY_INTEGER ], !Placement of header (see values below).
ECCSH_AFTER     = [ $SHORT_INTEGER ], !This many blank lines after header.
ECCSH_BEFORE    = [ $SHORT_INTEGER ], !Skip this many lines before header.
ECCSH_BETWEEN   = [ $SHORT_INTEGER ], !Skip this many lines between 'CHAPTER' and the title.
ECCSH_SPACES    = [ $SHORT_INTEGER ], !Number of spaces between counter and caption.
ECCSH_TESTPAGE  = [ $SHORT_INTEGER ], !Generate test-page for this many lines.
ECCSH_COUNTER   = [ $INTEGER ],      !Counter for this entity.
ECCSH_DISPLAY_DESC = [ $SHORT_INTEGER ], !RUNOFF display descriptor.
ECCSH_PRE_LEN   = [ $SHORT_INTEGER ], !Before-counter text length.
ECCSA_PRE_PTR   = [ $POINTER ],      !Before-counter text pointer.
ECCSH_POST_LEN  = [ $SHORT_INTEGER ], !After-counter text length.
ECCSA_POST_PTR  = [ $POINTER ],      !After-counter text pointer.

```

TES;

## LITERAL

ECCSK\_LENGTH = \$FIELD\_SET\_SIZE;

! Values for ECCSH\_CASE:

## LITERAL

```

ECCSK_LEAVECASE = 0,
ECCSK_FIRSTCAP  = 1,      !Make entity caption initial-cap.
ECCSK_ALLCAP    = 2;      !Make caption all-caps.

```

! Values for ECCSH\_POSITION:

## LITERAL

```

ECCSK_LEFT      = 0,      !Make the entity caption flush-left.
ECCSK_RIGHT     = 1,      !Make the entity caption flush-right.
ECCSK_CENTER    = 2,      !Center entity caption.
ECCSK_ALTERNATE = 3;      !(nyi) Alternate flush-left, flush-right.

```

```

! Offsets of counters for example, figure, and table in the ECC structure
! (Entity Counter / Caption area).

```

## LITERAL

```

EXAMP_OFFSET    = 0,      ! Examples
FIGUR_OFFSET    = 1,      ! Figures
TABLE_OFFSET    = 2,      ! Tables
HCOLL_OFFSET    = 3,      ! Collecting headers
HL1_OFFSET      = 4,      ! HL 1

```

HL2_OFFSET	= 5.	:	HL 2
HL3_OFFSET	= 6.	:	HL 3
HL4_OFFSET	= 7.	:	HL 4
HL5_OFFSET	= 8.	:	HL 5
HL6_OFFSET	= 9.	:	HL 6
CHAP_OFFSET	= 10.	:	Chapters
APPEND_OFFSET	= 11.	:	Appendix

LITERAL  
MAX\_ECC\_OFFSET = 11;

LITERAL  
 : 3 SECC\_BLOCKS for example, figure, table;  
 : 1 for the Header-collecting block;  
 : 6 for the header levels.  
 : 1 for Chapters.  
 : 1 for Appendix.  
 MAX\_ECC = 3 + 1 + 6 + 1 + 1;

MACRO  
 SECC\_BLOCK =  
 BLOCK [ECC\$K\_LENGTH] FIELD (ECC\_FIELDS) %;

MACRO  
 SECC\_BLOCKVECTOR =  
 BLOCKVECTOR [MAX\_ECC, ECC\$K\_LENGTH] FIELD (ECC\_FIELDS) %;

!  
End of ECC.REQ

FLI

%sb1  
%LI

LITE

CONVRT REQ	ECC REQ	FLIPRECS REQ	FUNCT REQ	FRMSTK REQ	GETQSC REQ	KWITEM REQ	LSTOPS REQ	NDXCLI REQ	NDXRTY REQ	PHDEF REQ	RUNTAB REQ
DIGIT REQ	FLIPRECS REQ	FUNCT REQ	FSPACK REQ	GNCC REQ	IFSTK REQ	LSTOPS REQ	MAXIMA REQ	NDXXPL REQ	OUTOPT REQ	POOL REQ	RUNHAN REQ
DMDEFS REQ	FFDEFS REQ	FOOFIL REQ	GCA REQ	GSLUCC REQ	INDEX REQ	LETTER REQ	MSG REQ	NDXLIN REQ	PAGEN REQ	RNODEF REQ	
DSRLIB REQ	FLGT REQ	FOOREC REQ	HCT REQ	HCT REQ	IRAC REQ	LODEFS REQ	MSGTXT REQ	NDXPOL REQ	PASS REQ		
	FLIRCHARS REQ	HCT REQ	HLC REQ	KC REQ	LSTBTS REQ						