


```

000000      TTTTTTTTT      SSSSSSSS      CCCCCCCC      CCCCCCCC      BBBB8888      RRRRRRRR      EEEEEEEEEE      QQQQQQ
000000      TTTTTTTTT      SSSSSSSS      CCCCCCCC      CCCCCCCC      BBBB8888      RRRRRRRR      EEEEEEEEEE      QQQQQQ
00      00      TT      SS      CC      CC      BB      RR      RR      EE      QQ      QQ
00      00      TT      SS      CC      CC      BB      RR      RR      EE      QQ      QQ
00      00      TT      SS      CC      CC      BB      RR      RR      EE      QQ      QQ
00      00      TT      SS      CC      CC      BB      RR      RR      EE      QQ      QQ
00      00      TT      SS      CC      CC      BB      RR      RR      EE      QQ      QQ
00      00      TT      SS      CC      CC      BB      RR      RR      EE      QQ      QQ
00      00      TT      SS      CC      CC      BB      RR      RR      EE      QQ      QQ
00      00      TT      SS      CC      CC      BB      RR      RR      EE      QQ      QQ
00      00      TT      SS      CC      CC      BB      RR      RR      EE      QQ      QQ
000000      TT      SSSSSSSS      CCCCCCCC      CCCCCCCC      BBBB8888      RRRRRRRR      EEEEEEEEEE      QQQQQQ
000000      TT      SSSSSSSS      CCCCCCCC      CCCCCCCC      BBBB8888      RR      RR      EEEEEEEEEE      QQ      QQ

```

```

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      EEEEEEEEEE      QQ      QQ
RRRRRRRR      EEEEEEEEEE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EEEEEEEEEE      QQQQ      QQ
RR      RR      EEEEEEEEEE      QQQQ      QQ

```

!+ This file, OTSCCBREQ.REQ, defines the interface to OTS\$PUSH_CCB Edit: SBL1006

```

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```

Revision History:

- 1-001 - Original. JBS 09-JAN-1979
- 1-002 - Change name to OTSCCBREQ.REQ so as not to conflict at system build time with OTSCCB.B32. SBL 10-May-1979
- 1-003 - Add the definition of the structure for OTS\$AA_LUB_TAB. JBS 28-JUN-1979
- 1-004 - Add the definition of the field for OTS\$V_LUN_OWN. JBS 16-AUG-1979
- 1-005 - Remove PRINT statement, for the new BLISS compiler. JBS 02-OCT-1979
- 1-006 - Add new structure OTS\$LUN_OWN_ST used for OTS\$V_LUN_OWN. This helps BLISS generate smaller code for references to this structure.

!+ Define the return codes from OTS\$PUSH_CCB.

LITERAL

```

OTSSK_PUSH_MIN = 1,           ! Smallest valid value
OTSSK_PUSH_OK = 1,           ! CCB loaded, I/O not active
OTSSK_PUSH_ACT = 2,         ! CCB loaded, I/O active on this LUN
OTSSK_PUSH_FAIL = 3,        ! CCB not loaded, out of virtual storage
OTSSK_PUSH_MAX = 3;         ! Largest valid value

```

!+

! The following structure is used for addressing OT\$\$\$AA_LUB_TAB.
! It is similar to VECTOR, but offsets the index so that certain
! negative logical unit numbers can be used, and each element is a
! quadword so as to act as a queue header.

```
STRUCTURE
  OT$$$LUB_TAB_ST [I, SIDE; N, LB, UNIT = 4, EXT = 0] =
    [N*UNIT*2]
    (OT$$$LUB_TAB_ST + ((SIDE + ((I - LB)*2))*UNIT))<0, 8*UNIT, EXT>;
```

!+ The following structure is similar to BLOCKVECTOR, but allows a low and high
! bound.

```
STRUCTURE
  OT$$$LUN_OWNR_ST [I, O, P, S, E; L, H, BS, UNIT=1] =
    [((H - L) + 1) * BS * UNIT]
    (OT$$$LUN_OWNR_ST + (O - L) + ((O + I) * BS * UNIT))<P, S, E>;
```

!+ The following field is used to refer to OT\$\$\$V_LUN_OWNR, which has a bit
! for each LUB, each block containing a bit for each language.

```
FIELD
  OT$$$V_OWNR_FLD =
    SET
    OT$$$V_OWNR_BAS = [0, LUB$K_LANG_BAS, 1, 0], ! BASIC
    OT$$$V_OWNR_FOR = [0, LUB$K_LANG_FOR, 1, 0], ! FORTRAN
    OT$$$V_OWNR = [0, LUB$K_LANG_MIN, ((LUB$K_LANG_MAX-LUB$K_LANG_MIN+%BPUNIT)/%BPUNIT)*%BPUNIT, 0]
    TES;
```

!+ The following masks are used to test OT\$\$\$V_OWNR to be sure that only
! one bit is set.

```
LITERAL
  OT$$$M_OWNR_BAS = 1 ^ LUB$K_LANG_BAS,
  OT$$$M_OWNR_FOR = 1 ^ LUB$K_LANG_FOR;
```

! End of file OTSCCBREQ.REQ

