

B\$SMP – Attach Extended SMEM Substituted Channel

The B\$SMP attaches a substituted Extended SMEM access channel to the original access channel.

1. Invocation

To attach the substituted channel code:

```
CALL B$SMP USING original_channel substituted_channel
```

2. STOP Codes and Exception Conditions

No STOP codes are generated by B\$SMP.

No EXIT codes are generated by B\$SMP.

3. Programming Notes

The B\$SMP can only be used Extended SMEM. Substituted channels may not be used with standard SMEM.

B\$SMP must be called before the extended SMEM substituted channel is used, to attach the substituted channel to the data pages of the original channel. B\$SMP must not be called before the first WRITE operation using the original channel because this operation establishes the data pages for the original channel. The substituted channel must be detached using the B\$CSMP routine before the frame is unloaded otherwise unpredictable program checks will occur when Speedbase attempts to unload the frame.

4. Examples

```
FRAME TEST
ACCESS AA
ACCESS AA SUBSTITUTING "AB"
DATA DIVISION
77      Z-C4          PIC 9(4) COMP    * Count
*
WINDOW W1 USING AA      * Display original channel
BASE AT 02 03
SCROLL 10 BY 1
SEL
AUTOPGE
02 02 "Using AA"       A12
02 02 AAFIELD1
ENDWINDOW
*
WINDOW W2 USING AB      * Display substituted channel
BASE AT 02 03
SCROLL 10 BY 1
SEL
AUTOPGE
02 02 "Using AB"       A12
02 02 ABFIELD1
ENDWINDOW
ENDWINDOW
PROCEDURE DIVISION
*
      CALL B$SMDE USING $AA          * Clear record area
      DO FOR Z-C4 = 1 TO 100         * Write records
          MOVE Z-C4 TO AAFIELD1
          WRITE AA
      ENDDO
*
* Display original records
      ENTER WINDOW W1
      IGNORE EXCEPTION
      CLEAR WINDOW W1
*
```

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```
CALL B$SMP USING $AA $AB      * Attach substituted channel
IGNORE EXCEPTION
ENTER WINDOW W2              * Display records via
IGNORE EXCEPTION              * substituted channel
CLEAR WINDOW W2
CALL B$CSMP USING $AB        * Clear substituted channel
EXIT
ENDFRAME
ENDSOURCE
```

5. Copy-Books

No copy books required.

6. See Also

B\$CSMP Clear Extended SMEM substituted channel
 Extended SMEM