B$GX-7 - Enable U-7 "Interrupt" Button

The B$GX-7 routine is used to enable the special U-7 "Interrupt" button. A Speedbase button coded with the U-7 attribute is reserved for special use as the "Interrupt" or "Break" function. In addition to enabling the U-7 button, the B$GX-7 routine will disable all normal buttons, if any, in the same window.

The U-7 button generates a response of ^G to the host. This response must be detected using the TEST$ sub-routine rather than expecting a normal Window Manager function to be returned to the application.

1. Invocation

To enable the U-7 "Interrupt" Button code:

    CALL B$GX-7

No parameters are required.

2. STOP Codes and Exception Conditions

No STOP codes are generated by B$GX-7.

No exceptions are returned by B$GX-7.

3. Programming Notes

B$GX-7 is only supported on GX.

For the combination of GSM SP-30, and later; and GLOBAL.EXE (GLOBALCLIENTSERVICE.EXE) V4.16, or later, the U-7 "Interrupt" Button has been supplemented another 6 "Interrupt" buttons: U-1, U-2, U-3, U-4, U-5, U-6. The B$GX-7 routine enables **all** the "Interrupt" buttons present on the current window (i.e. there is no need for a B$GX-1 etc.). For GSM SP-32, and later, these extra buttons have been supplemented by U-8, U-9 and U-0 (sic).

4. Examples

```
FRAME   EX0001
DATA DIVISION
*
77      Z-COUNT         PIC 9(9) COMP
*
WINDOW W1
*
BASE AT 5 5
01 02 "Example Interrupt window" A12
03 02 "Demonstrate use of the B$GX-7 sub-routine"
03 02 W1X0                      X(0)            * So that there is an
                                                * accept in the window
05 02 "Activate break"          BTN U50
05 30 "Break         "          BTN U-7
05 45 "Close         "          BTN U11
ROUTINES SECTION
R-FUNC.
        IF $FUNC = 50 EXIT WITH 2            * Trap button 50
        EXIT
*
ENDWINDOW
PROCEDURE DIVISION
SECTION AA-MAIN.
```

```
*
        DO
            ENTER WINDOW W1                         * Enter the window
            ON EXCEPTION
                IF $$COND = 1 FINISH
                CALL B$GX-7                         * Activate break button
                DO FOR Z-COUNT = 1 TO 999999
                    SUSPEND 1                       * Wait for a second
                    CALL TEST$                      * Check for <CTRL G>
                    ON EXCEPTION FINISH             * Keyed re-enter window
                ENDDO
            END
        ENDDO
        CLEAR WINDOW W1
        EXIT
ENDFRAME
ENDSOURCE
```

5.   Copy-Books

None.

6.   See Also

TEST$ Test for ^G function
LASTI$ Identify last interrupt button