GXBOX$ - Draw Box in Current Window

The GXBOX$ routine allows boxes and/or lines to be drawn within the current window.

1. Invocation

To draw a box or line code:

```
CALL GXBOX$ USING bx
```

where *bx* is a control block of the following structure:

```
01    BX
  03   BXVER      PIC 9(4) COMP     * BLOCK VERSION MUST BE 1 OR 2
  03   BXGID      PIC 9(4) COMP     * GROUP-ID
  03   BXTYP      PIC 9(2) COMP     * 0 = CLEAR ALL OBJECTS IN GROUP
                                    * 1 = LINE, 2 = BOX
                                    * 17 = LINE, 18 = BOX
  03   BXSCOL     PIC 9(4) COMP     * START COLUMN
  03   BXSLIN     PIC 9(4) COMP     * START LINE
  03   BXECOL     PIC 9(4) COMP     * END COLUMN
  03   BXELIN     PIC 9(4) COMP     * END LINE
  03   BXRED      PIC 9(4) COMP     * RED COMPONENT 0-255
  03   BXGREEN    PIC 9(4) COMP     * GREEN COMPONENT 0-255
  03   BXBLUE     PIC 9(4) COMP     * BLUE COMPONENT 0-255
*
*     If BXVER = 2 the following additional fields are recognized:
*
  03   BXHOR1     PIC 9(2) COMP     * START POINT HORIZONTAL POSN
                                    * 0 = CENTRE
                                    * 1 = LEFT
                                    * 2 = RIGHT
  03   BXVER1     PIC 9(2) COMP     * START POINT VERTICAL POSN
                                    * 0 = CENTRE
                                    * 1 = TOP
                                    * 2 = BOTTOM
  03   BXHOR2     PIC 9(2) COMP     * END POINT HORIZONTAL POSN
                                    * 0 = CENTRE
                                    * 1 = LEFT
                                    * 2 = RIGHT
  03   BXVER2     PIC 9(2) COMP     * END POINT VERTICAL POSN
                                    * 0 = CENTRE
                                    * 1 = TOP
                                    * 2 = BOTTOM
```

2. STOP Codes and Exception Conditions

The following STOP codes may be generated by GXBOX$:

STOP code	Description
23973	GXBOX$ is not running on GX.
23974	Invalid GX block version (BXVER is not 1 or 2)

No EXIT codes are returned by GXBOX$.

3. Programming Notes

GXBOX$ is only available with GSM SP-16, or later. GXBOX$ is only available when running on GX. Any attempt to use GXBOX$ on a non-GX terminal will result in a STOP code.

# 4.	Examples
[EXAMPLE REQUIRED]

# 5.	Copy-Books
None.

# 6.	See Also
None.