

## B\$PFUP – Update Extended PDF Printing PF

The B\$BFUP routine allows some parameters in an Extended Printing PF block to be changed “on the fly”.

### 1. Invocation

To update an Extended PDF Printing PF block:

```
CALL B$PFUP USING pf up
```

where *pf* is the symbol name of a PF (in the format \$xxPF) and *up* is a control block of the following format:

```
01      UP
02      UPVERS      PIC 9(4) COMP      * VERSION NUMBER, MUST BE 1, 2 OR 3
02      UPINX       PIC 9(4) COMP      * FIELD INDEX NUMBER (UPVERS=1 OR 2)
02      UPLINE      PIC 9(4) COMP      * LINE NUMBER (UPVERS=1 OR 2)
02      UPCOL       PIC 9(4) COMP      * COLUMN NUMBER (UPVERS=1 OR 2)
02      UPATTR      PIC 9(2) COMP      * ATTRIBUTE BYTE (UPVERS=2 OR 3)
```

### 2. STOP Codes and Exception Conditions

The following STOP codes may be generated by B\$PFUP:

STOP code	Description
25383	The 1 <sup>st</sup> attribute is not a valid PF.
25384	The UPVERS field is not valid.

The following exception conditions may be returned by B\$PFUP:

EXIT code	\$\$COND	Description
25383	83	The field index passed to the B\$BFUP is invalid. Either it is negative or the field does not exist in the PF.

### 3. Programming Notes

B\$PFUP is only available for SP-26 or later. The UPATTR field (UPVERS=2) is only recognised by GSM SP-28, and later. The UPVERS=3 option is only supported by GSM SP-29, and later.

The name of the PF must be supplied as \$xxPF (e.g. for the PF “H1” code \$H1PF).

When using extended printing the XP option in the compiler must be set.

The value of UPVERS determines which fields in the UP block are recognised:

UPVERS value	Fields recognised
1	UPINX, UPLINE & UPCOL

2	UPINX, UPLINE, UPCOL & UPATTR
3	UPATTR only.

#### 4. Examples

No examples available.

#### 5. Copy-Books

No copy books

#### 6. See Also

B\$XPO      Open printer (see IN343)  
B\$XPC      Close printer (see IN343)