

## B\$D-PO – Direct File Access Set Current File Position Routine

The B\$D-PO routine is one of a family of sub-routines that are reserved for use by the G-3000 Middleware DLMs. B\$D-PO(SITION) sets the current file position for the next read or write operation on the current open BDAM file.

### 1. Invocation

To set the current file position for the current open BDAM file code:

```
CALL B$D-IN USING file_address
```

where *file\_address* is a PIC 9(9) COMP variable (**not a literal!**) that contains the required new File Position.

### 2. STOP Codes and Exception Conditions

The following STOP codes may be generated by B\$D-PO:

STOP code	Description
43 ( <i>sic</i> )	The BDAM file was not open, or the <i>file_address</i> parameter was negative, or the <i>file_address</i> parameter is larger than the maximum possible file size.

No EXIT codes are returned by B\$D-PO.

### 3. Programming Notes

B\$D-PO(SITION) has been derived from a G-3000 Middleware DLM. Consequently, some of the functionality (e.g. the STOP codes) may be non-standard.

The BO\$G3M DLM, rather than the calling program, contains the File Definition (FD) used for the various Direct Access File operations. The File Position (FDFAD) updated by B\$D-PO is in the internal FD.

### 4. Examples

[EXAMPLE REQUIRED]

### 5. Copy-Books

None.

### 6. See Also

B\$D-2R	Direct File Access Simple Read Next Routine (B\$D-2RNXT)
B\$D-2W	Direct File Access Simple Write Next Routine (B\$D-2WRITE)
B\$D-CH	Direct File Access Check and Close Routine (B\$D-CHK)
B\$D-CL	Direct File Access Close Routine (B\$D-CLOSE)
B\$D-DE	Direct File Access Delete Routine (B\$D-DELETE)
B\$D-IN	Direct File Access Return File Information Routine (B\$D-INFO)
B\$D-OL	Direct File Access Open Old Routine (B\$D-OLD)
B\$D-OP	Direct File Access Open New Routine (B\$D-OPEN)
B\$D-UN	Direct File Access Set Unit Routine (B\$D-UNIT)
B\$D-WR	Direct File Access Write Speedbase Channel (B\$D-WRITE)
B\$E-CL	Direct File Access Extra Close Routine (B\$E-CLOSE)

B\$D-OP – Direct File Access Set Current File Position Routine

B\$E-GE	Direct File Access Get Record Length Routine (B\$E-GET-RLEN)
B\$E-RN	Direct File Access Simple Read Block Routine (B\$E-RNXT)
B\$E-SE	Direct File Access Set Record Length Routine (B\$E-SET-RLEN)
B\$E-ZE	Direct File Access Set File Address to Zero Routine (B\$E-ZERO)
R\$B-SA	Direct File Access Save Address of Current Record (R\$B-SAVE)
R\$B-WR	Direct File Access Rewrite from Saved File Address (R\$B-WRITE)
R\$B2WR	Direct File Access Rewrite from Saved File Address (R\$B2WRITE)
R\$PFSC	Direct File Access Check For Free Space (R\$PFSCCHK)