

TO: MSPM Distribution  
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The attached abstracts apply to the new design of free storage; as such, they supersede BG.10.04 of 03/27/68.

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Identification

Free Storage  
S. D. Dunten

(Note that the following is an Abstract, which should be replaced by a full description at a later time.)

init\_free\_store

Function of Entry:

Assigns space in the fsdct for the free storage bit tables and sets the bit corresponding to each sector which may be used on.

Calling Sequence for Entry:

call init\_free\_store (did);

Declaration of Arguments:

dc1 did fixed;

Description of Arguments:

device ID.

## free\_store

(Note that the following is an Abstract, which should be replaced by a full description at a later time.)

### Function of Entry:

free\_store\$withdraw searches the bit table looking for an unused sector (bit on) and returns that sector address. free\_store\$deposit turns on the bit corresponding to the device address.

### Calling Sequence for Entry:

```
devadd = free_store$withdraw (mapp);  
call free_store$deposit (mapp, devadd);
```

### Declaration of Arguments:

```
dcl mapp ptr, /* pointer to bit table found in fsdct. */  
devadd fixed; /* device address of free or deposited  
sector. */
```

### Description of Arguments:

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