This re-release of BK.5.00 adds four new entry points to the description of the Master Mode Utility segment, making BK.5.00 again a complete overview of the remaining BK.5 sections.
Identification

Master Mode Utility Segment
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Purpose

The Master Mode Utility Segment contains a group of wired down master mode procedures which may be called only by the hardcore ring. These procedures perform basic tasks which must be done by the hardcore ring in master mode.

Contents of the Master Mode Utility Segment

The master mode utility procedures are combined into one segment with as many entry points as there are procedures. At present there are the following seven procedures:

- set_mask: Sets a system controller interrupt mask register. (Described in BK.5.01)
- get_mask: Stores a system controller interrupt mask register. (Described in BK.5.01)
- open_mask: Sets a system controller interrupt mask register and then restores the original value in the system controller interrupt mask register, thus providing a window for servicing of certain interrupts. (Described in BK.5.01)
- cioc: Executes a connect instruction whose effective address points to the cow contained in the calling sequence. (Described in BK.5.02)
- set_alarm: Sets a system clock alarm clock register. (Described in BK.5.03)
- set_cell: Sets a system controller interrupt cell register. (Described in BK.5.04)
- connect_generator: Sends a connect signal to each processor, thus causing each processor to clear its associative memory. (Described in BK.5.05)