TO: MSPM Distribution
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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
Harlow Frick

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)