

TO: MSPM Distribution

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SECTIONS BG.5 and BG.6 -- revisions

The attached Sections BG.5 and BG.6 (6/6/66) represent a considerable rewrite of the former sections (1/31/66). Unbounded segments have disappeared. Hyperpages have replaced pages as the basic unit of removing and restoring (i.e., "transporting"). A hyperpage is a collection of contiguous pages which when in core are stored contiguously. The group map has been restructured somewhat. Two core control primitives (truncate, extend) have been eliminated. The assign primitives have been combined into one, with several new arguments added. The free pool may now have multiple thresholds. The assign call must specify the name of the threshold (not the value) which is applicable, i.e., with what priority the request may dig into the free pool. The removable hyperpages may be organized into several different pools to help the transactor accommodate certain classes of guaranteed service. A process switch has been added to facilitate (possibly) process unloading.