digital INTEROFFICE MEMORANDUM

DATE: October 14, 1970

SUBJECT: Protection and Relocation for the 11/25

TO: Gordon Bell   FROM: Van Diehl
     Bruce Delagi
     PDP-11 Coordinating Committee
'   Ken Stapleford

I am very much in favor to get together and discuss the above subject, fundamental for the structure of the real-time monitor we will be writing for the PDP-11/25. In fact, a real-time multiprogramming system with background-foreground capabilities that does not have a good hardware protection scheme, i.e., protects any task or executive from being destroyed by the running task and at the same time does allow a good management of Common's and Global Common has very restricted market potentials.

The subject of data queuing in a multitask system is also a very important subject that has not been solved by the competition, exclusion perhaps of the IBM-1800 MPX.

Because the architecture of the PDP-11/25 real time monitor that we are presently specifying is so dependent in these ideas, I will like very much that we get together ASAP to make sure we are going in the right direction.

WD: cs