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INTERSECTING STORAGE RINGS COMMITTEE

V. Agoritsas, M. Bott-Bodenhausen, B.D. Hyams, K. Potter

During the last PS operating period, measurements have been taken on the magnitude and distribution of charged particles background from a coasting PS beam, and it has been demonstrated that it is practical to reduce this by a factor  $\sim 10$  by small amounts of local shielding (B.D. Hyams, CERN/68 ISR/121 and ISR Background Studies III, K. Potter et al). In addition an optical spark chamber has been run in the PS ring showing that this presents no unforeseen problems (ISR Background Studies II, V. Agoritsas et al).

Preliminary measurements have also been taken on the flux of neutrals, and will be written up when they are completed.

We now request further running time to continue other measurements in our original proposal (PHI/COM-1968/47, 20 Sept.1968) which we did not complete in the 0.8 day running time we used. We request up to 6 hours a month during the next PS running period.

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