



ISR-OP/JC/svw

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ISR PERFORMANCE REPORTRUN 368 P

Spasmodic losses occurred during run 368 P particularly in Ring 2; resulting decay rates were well above 250 ppm (App. 1).

A beam loss ion chamber scan was taken during one of these "high loss" periods (app. 2) which clearly indicates a high proportion of the beam being lost in two specific areas - close to the upstream ends of magnets 614 and 710. These positions are coincident with $\beta V = 49$ and 51 respectively.

Could something be influencing the beam in the I6 region which is then aperture limited at these two points?

J. Colchester

BLIC taken
here (2x)

Spikes
at 10secs

Spikes
at 10secs R2

Appendix 1

