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C SEC Scan and Calibration

A. Soukas

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Collider Accelerator Department
Brookhaven National Laboratory

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Subject C SEC Scan and Calibration

OBSERVATIONS AND CONCLUSION

On 7/12 the beam was scanned horizontally and vertically on the C SEC by varying the last two steering magnets over their full range. No area was found that produced stable C SEC output with respect to beam position. Variation was about 10%.

On 7/13 an aluminum foil was exposed at the C SEC. The calibration is now 983 counts/ 10^{12} protons; about 11% fewer than the calibration of May 2.