

A Planar-Helical Undulator for the SRS,
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Warrington WA4 4AD, UK - A proposal for a soft x-ray undulator source of variable polarisation has been generated for the SRS. The insertion device will be a pure permanent magnet planar helical undulator made up of four standard arrays. Control of the polarization state will be possible through a longitudinal translation of the arrays relative to each other. This paper details the design parameters of the undulator and the reasons for their choice.