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Status of the ALS-U accumulator ring installation

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The ALS-U project is an upgrade to the Advanced Light Source (ALS) at the Lawrence Berkeley National Laboratory that aims to deliver diffraction-limited x-ray beams with an increased beam brightness of two orders of magnitude for soft x-rays compared to the current ALS facility. A nine-bend achromat lattice Storage Ring (SR) and a three-bend achromat Accumulator Ring (AR) will be installed in the facility. The project has recently received federal approval to start construction for the new storage ring. The accumulator ring (AR) has received early funding and is currently being installed in the ALS facility during its regularly planned shutdowns. This paper describes the status of the accumulator ring installation.

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Footnotes

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