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This poster presents the survey and alignment activities at the SLAC National Accelerator Laboratory since 2016. The major projects during the last two years have been the LCLSII (Linac Coherent Light Source) project and LSST (Large Synoptic Survey Telescope).

The LCLSII project includes a new 700 m long superconducting Linac, 3 km of beam transport lines, a new beam switch area to switch between the superconducting beam source and the Cu beam source, 2 new undulators and 4 new experimental hutches. We installed and mapped a new monument network in 3km of tunnels, aligned stands and components in the warm sections and the gun area.

For the LSST project we are mainly involved with quality inspection of parts and alignment of parts on the camera.

Smaller projects include alignment support for the SPEAR3 synchrotron ring, setup of experimental hutches for both LCLS and SSRL and our GIS services.

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