

Status Report on Storage Ring Realignment at SLRI

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The Siam Photon Source (SPS), a synchrotron light source operated by Synchrotron Light Research Institute (SLRI) in Thailand, was installed and commissioned in the year 2001. During the past eleven years since the commissioning, the 1.2 GeV electron storage ring had been realigned in total three times. The first realignment was carried out and the result was reported in 2002. Optical survey has been regularly carried out on an annual basis afterwards, with the survey data providing assessment whether realignment is necessary. In this report, we describe the realignment procedures at the SPS, together with the results from the second realignment performed in 2006 and the most recent storage ring realignment in June 2012.

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