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## Alignment concept of HLS-II

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The light source at National Synchrotron Radiation Laboratory(NSRL), University of Science and Technology of China (USTC), Hefei, Anhui province, China, is called Hefei Light Source which is called HLS for short (which is different from the meaning of Hydrostatic Levelling System here). Hefei Light Source was initially built from 1984 to 1992. Now, as plan from 2010 to 2012, Hefei Light Source has been updated, the old machine will be wrecked and removed and a new machine with full energy injection model will be built in the original buildings. This project is called HLS-II. In this paper the alignment concept of HLS-II will be introduced. How to arrange the layout of the surveying network? How to transfer the reference points? And what instruments are needed? All of these problems are discussed here.

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