

A Preliminary Result of SL-9 Observation with *BOAO* 1.8m Telescope

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We present photometry of SL-9 impacts on Jupiter between July 17 and 20 UT, obtained with CCD camera mounted on the newly established *BOAO 1.8m* telescope. While a series of CCD images clearly shows major impact sites -E, G, K, and L- at the 8930Å methane band, the impacts of A and C fragments can be seen as faint spots on the Jovian disk. A tiny diffuse spot is barely visible on the limb of the planet on a CCD image taken on July 17 10:55:34 UT, after *median filtering*. We tentatively identified it as D impact site which we previously announced to have failed to detect. Although it appears on the right position, the detection of D impact at *BOAO* still remains uncertain. We employed *maximum correlation method* developed by one of the authors for restoration of each image. No significant intensity variations have been found in the major impact sites at 8930Å during the observational runs. Intensity contours of impact sites are found to have asymmetric shape, thus evidencing small impact angles. We'll briefly discuss the seeing conditions at *BOAO* based on FWHM of Galilean satellites.