## STUDY OF <sup>6</sup>He – d REACTIONS AT THE ACCULINNA-2 SEPARATOR

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Measurement of reactions of <sup>6</sup>He with deuterium target was performed in inverse kinematics at the beam energy of 160 MeV. The measurement was performed at the ACCULINNA-2 fragment separator, Joint Institute for Nuclear Research, Russia using <sup>6</sup>He beam delivered by U400M cyclotron. Both energies and angles of the ejectiles were detected in a range from 30 to 80 degrees in the laboratory frame. Preliminary data analysis of elastic scattering in terms of optical model will be presented.