

RESULTS OF PARTICIPATION OF THE ASTRONOMICAL CENTER OF THE AUTONOMOUS UNIVERSITY OF SINALOA IN THE EXPLORATION OF SPACE DEBRIS IN THE FRAME OF THE INTERNATIONAL NETWORK OF OPTICAL OBSERVATIONS (SCIENTIFIC NETWORK OF OPTICAL INSTRUMENTS FOR ASTROMETRIC AND PHOTOMETRIC OBSERVATIONS)

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The astronomical center of the Autonomous University of Sinaloa (AUS) continues working. Near Cosala at altitude of 600 m the astronomical observatory takes active part in observations of international network ISON. In the astronomical pavilion with the movable roof 25-cm telescope ORI-25 started working in May, 2012. During 5 years the observations were made for 760 nights, 925 348 measurements. The astronomical center studied of space debris and satellites in high orbit. The Astronomical Center carried out detecting 17 not-cataloged objects. In work progress 23 lost objects were detected.

Obtained measurements are supplied to the database of Keldysh Institute of Applied Mathematics Russian Academy of Sciences for prediction of dangerous proximities with satellites.