

## MEXART MEASUREMENTS OF THE FIRST RADIO SOURCES

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The Mexican Array Radio Telescope (MEXART) is a 64x64 full wavelength dipoles array operating at 140 Mhz to carry out interplanetary scintillation (IPS) observations. The array is located in the state of Michoacan , 350 km north-west from Mexico City (geographic coordinates: 19 ° 48 'north , 101 ° 41 ' west and 1964m above the sea level). We report initial observations of radio sources operating with ¼ of the total array (16 E-W rows). The project is a collaboration between the Universidad Nacional Autonoma de Mexico (UNAM), National Centre for Radio Astrophysics - Tata Institute of Fundamental Research in India and Instituto de Geofisica y Astronomia, CITMA, in Cuba. The MEXART observations will participate in the IHY2007 with other IPS observatories located at different geographic longitudes (India and Japan) performing join campaigns to track large-scale solar wind disturbances.