

## Ocean-Reflected GPS Experiment on the SAC-C Satellite

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The Argentine SAC-C (Satellite Argentina Cientificas - C) satellite was launched on November 21, 2000 into a 750-km polar orbit. NASA's high-accuracy BlackJack GPS receiver is on board, modified for an ocean reflections experiment. A downward-looking medium gain antenna, and two high-gain antennas directed toward the earth's limb, provide signals to the BlackJack instrument. The surface-reflection experiment is designed to gather engineering information on ocean-reflected GPS signals at a variety of incidence angles. Initial results will be presented.