

VSOP-2 Mission Simulations Using the JPL-developed Fakesat Software

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In this paper we discuss recent upgrades which have been made to the JPL-developed Fakesat software, which was originally developed to simulate the ISAS-led VSOP Space VLBI mission (launched in 1997), to support the proposed follow-on mission VSOP-2. We show some examples of the new VSOP-2 specific software capabilities and how they may be used to great effect as a VSOP-2 mission planning tool. Other potential JPL contributions to the VSOP-2 mission will also be presented.

This work has been undertaken at the Jet Propulsion Laboratory, California Institute of Technology, under contract to the National Aeronautics and Space Administration.