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COMMERCIAL SPACE RADIO TELESCOPES WITH A PARABOLIC REFLECTOR OF 1000
METERS DIAMETER.

Abstract

The report will present a simple working concept and business plan for deploying a symmetrical parabolic reflector radio telescope capable of operating at wavelengths of 3-5 mm (!) or more! This project can be implemented with a single launch vehicle capable of delivering a payload of 15-20 tons! This radio telescope will have a free 360-degree free in three dimensions, which will allow for quick readjustment to any part of the celestial sphere. This project will be useful for high-quality radio astronomy observations and for ultra-long-range space communications and other space missions. The testing and construction period of such a radio telescope is only 1.5-2 years!