

New Tricks Through Time



1960

NASA launched the 100' diameter Echo satellite and first demonstration of relaying radio communications by satellite.

1974

After running low on attitude control gas, NASA's Mariner 10 spacecraft was the first satellite to use solar radiation pressure to stay pointed and complete its science survey of Mercury.



1979

NASA's Voyager 1 satellite was the first satellite using radio occultation to measure planetary atmospheres – proving Jupiter is chemically similar to the sun.

2020

PlanetIQ will launch their first satellite – powered by Roccor deployable solar arrays – to use radio occultation to measure Earth's weather system more precisely than ever before.



2021

Viasat, the Air Force Research Laboratory, and Roccor will launch the first demonstration of relaying Link 16 tactical military communications by satellite.

2024

NASA's Solar Cruiser mission will use a 1,000m² solar sail developed in part by Roccor to fly to hard-to-access orbits around the sun and study the origins of space weather eruptions.

