



'Oumuamua
Asteroid 1I/2017 U1

Artist's Concept



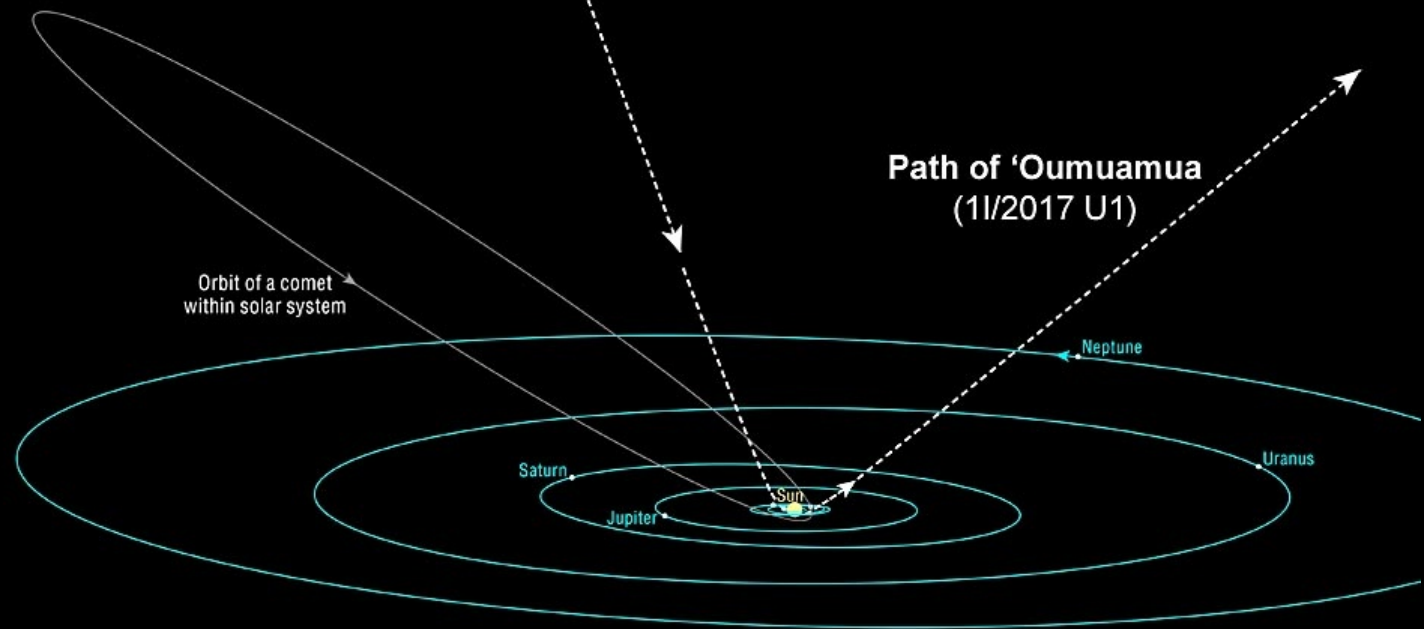
Panoramic Survey Telescope and Rapid Response System

NASA's Near Earth Object Observations



Haleakala Observatory, Hawaii (Military limited)

- Hawaiian for 'scout' or 'a messenger from afar arriving first'.
- Too fast to be gravitational bound to our Sun (196,000 mph)
- Perihelion position of 0.255 AU on September 9, 2017.
 - Detected October 19, 2017
- Now about 3 AU from Earth.
- Red-ish hue. About 300 m long, very elongated.



- 8 hour rotation, “tumble”
- No coma
- Low albedo
- Current magnitude = 28.43
- In Pegasus constellation
- 100 AU by 2034

