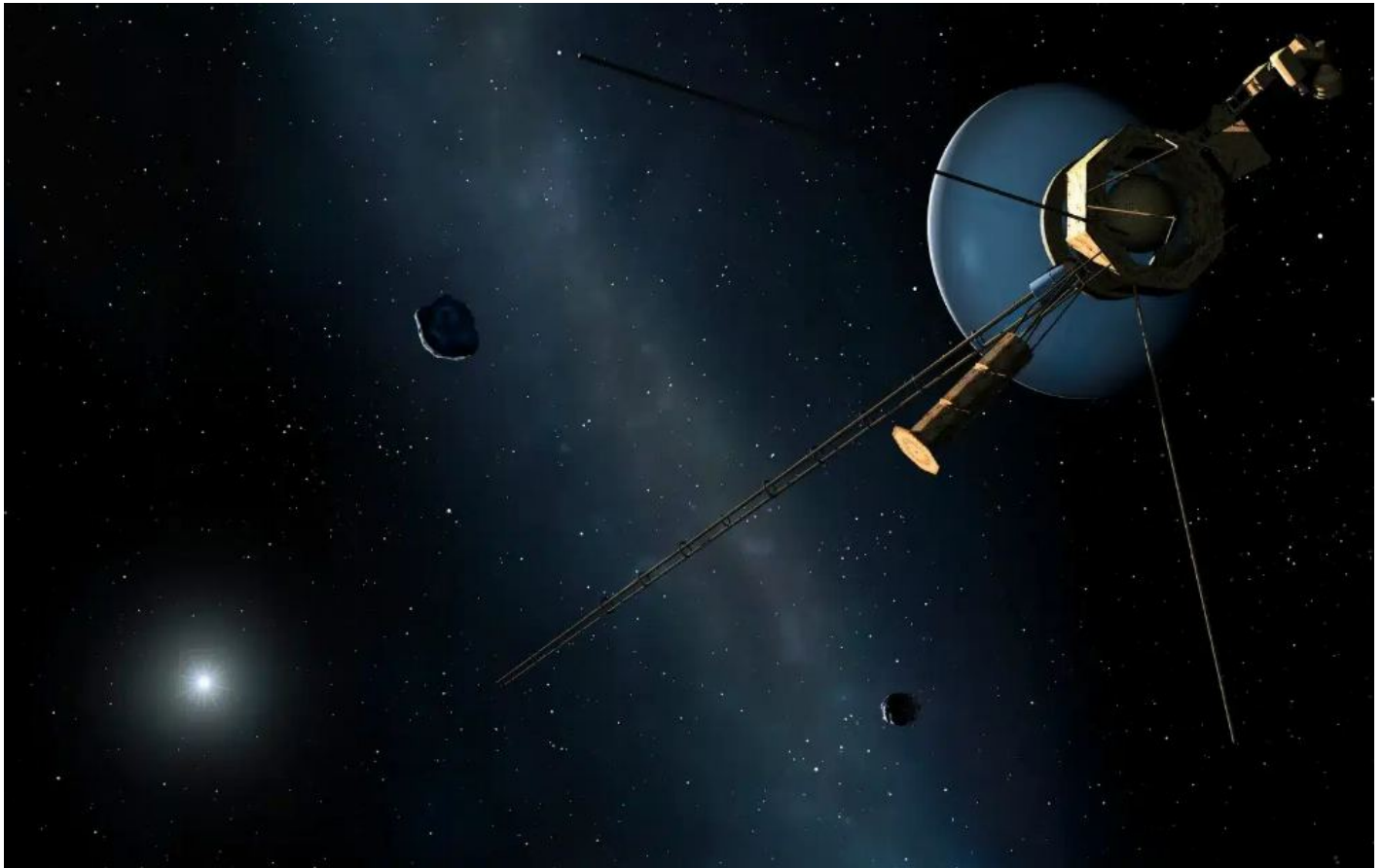


What is Voyager 2 Spacecraft?

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About Voyager 2 Spacecraft:

- It is an **unmanned space probe launched by NASA** on August 20, **1977**, just a **few weeks before** its sister craft, **Voyager 1**.
- **Primary mission:** Its mission was to **study the outer planets** of our solar system, including Jupiter, Saturn, Uranus, and Neptune and their moons, and **then continue on an interstellar mission**.
- It is the **only spacecraft to have ever visited Uranus and Neptune**.
- It **carries a Golden Record**, a **phonograph record** containing sounds and images from Earth, intended to be a message to any potential extraterrestrial civilizations it might encounter in the future.
- **Firsts:**
 - It is the **only spacecraft to study all four** of the **solar system's giant planets** at close range.
 - It **discovered** a **14th moon of Jupiter**.
 - It was the **first human-made object to fly past Uranus**.
 - **At Uranus, Voyager 2 discovered 10 new moons** and **two new rings**.
 - It was the **first human-made object to fly by Neptune**.

- At Neptune, Voyager 2 **discovered five moons, four rings, and a “Great Dark Spot.”**
 - After completing its primary mission, Voyager 2 **continued on its journey into interstellar space**, where it is **still sending back data** on the interstellar medium and the heliosphere.
 - It is the **second spacecraft to enter interstellar space**. On Dec. 10, 2018, the spacecraft joined its twin—Voyager 1—as the only human-made objects to enter the space between the stars.
 - It is currently the **second most distant human-made object from Earth**, after **Voyager 1**.
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Q1: What is the heliosphere?

The Sun sends out a constant flow of charged particles called the solar wind, which ultimately travels past all the planets to some three times the distance to Pluto before being impeded by the interstellar medium. This forms a giant bubble around the Sun and its planets, known as the heliosphere.

News: **Voyager-2 visited Uranus in 1986. Something more happened when it arrived**

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