

## NASA Advisory Council Recommendation

### Commercial Lunar Payload Services (CLPS)

2022-02-06

**Name of Committee:** Science Committee

**Chair of Committee:** Dr. Ellen Williams

**Date of Council Public Deliberation:** August 10, 2022

**Short Title of Recommendation:** Commercial Lunar Payload Services (CLPS)

#### **Recommendation:**

The Council recommends that:

- The Science Mission Directorate (SMD) continue to support and evaluate the commercial delivery service model and develop lessons-learned for application to future missions and destinations.
- NASA create a strategy to educate the public on the benefit of innovative projects with mission risk in advance of the CLPS launches.

#### **Major Reasons for the Recommendation:**

- The CLPS program to accelerate delivery of scientific payloads via development of a commercial space transport network has been well planned and executed. The program is a visionary approach to improving mission performance.
- Maturation of exploration policies (domestic and international) to enable complementary government and commercial sector Lunar operations is necessary building on principles within the Artemis Accords and Lunar Treaty.

#### **Consequences of No Action on the Recommendation:**

Failure to address the need for robust operational policy frameworks will lead to ad hoc solutions resulting in possible detrimental consequences to SMD objectives when unexpected conditions arise during operation on the Moon, Mars, and beyond.

#### **NASA Response:**

NASA concurs with this recommendation. NASA continues to support the CLPS and document lessons learned as the commercial delivery model is exercised. NASA will create a strategy to inform the public on the benefits and mission risk of this model, prior to the first two CLPS landings.

Enclosure