

CLPS

COMMERCIAL LUNAR PAYLOAD SERVICES

National Aeronautics and
Space Administration



[NASA.GOV/CLPS](https://www.nasa.gov/clps)

COMMERCIAL LUNAR PAYLOAD SERVICES

OVERVIEW

NASA's Commercial Lunar Payload Services initiative, or CLPS, allows rapid acquisition of lunar delivery services from American companies to deliver scientific, exploration, and technology instruments that advance capabilities for science, exploration and commercial development of the Moon.

Through CLPS, NASA aims to gain new insights about the lunar environment, expand the lunar economy, and prepare for the next crewed missions to the Moon under the Artemis campaign.





HIGHLIGHTS

UNDER THE ARTEMIS CAMPAIGN, CLPS IS ENABLING EXPLORATION in new ways that aim to make important discoveries by sending science and technology instruments to the Moon.

PAYLOADS DELIVERED THROUGH CLPS WILL HELP NASA advance capabilities for science, exploration and, commercial development of the Moon.

AS THE FIRST ADOPTER FOR COMMERCIAL DELIVERIES TO THE MOON, CLPS is another example of how NASA is supporting long-term, sustainable exploration by enabling commercial services on the Moon.

A KEY GOAL FOR CLPS is a lunar marketplace that can stand on its own without NASA instruments aboard every flight.

COMMERCIAL LUNAR PAYLOAD SERVICES LANDING SITES

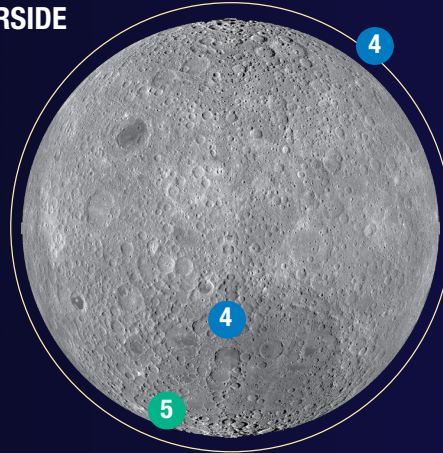


NEARSIDE



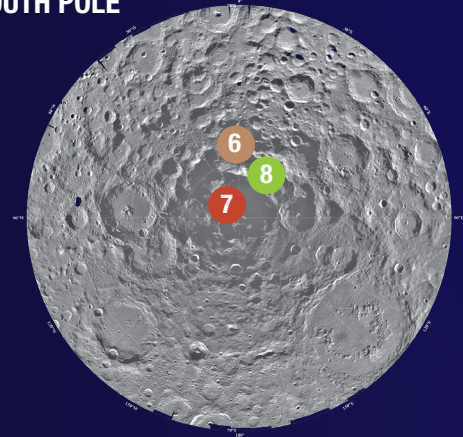
- 1 Astrobotic Peregrine Mission-1**
LANDING SITE: Did not land on the Moon
LANDER NAME: Peregrine
CLPS CONTRACT AWARD: TO 2-AB
STATUS: Completed
- 2 Intuitive Machines IM-3**
LANDING SITE: Reiner Gamma
LANDER NAME: NOVA-C
CLPS CONTRACT AWARD: TO CP-11
- 3 Firefly Blue Ghost Mission 1**
LANDING SITE: Mare Crisium
LANDER NAME: Blue Ghost
CLPS CONTRACT AWARD: TO 19D

FARSIDE



- 4 Firefly Blue Ghost Mission 2**
LANDING SITE: Lunar Farside and Orbit
LANDER NAME: Blue Ghost
CLPS CONTRACT AWARD: TO CS-3 and CS-4
- 5 Team Draper**
LANDING SITE: Schrödinger Basin
LANDER NAME: SERIES-2
CLPS CONTRACT AWARD: TO CP-12

SOUTH POLE



- 6 Intuitive Machines IM-1**
LANDING SITE: Malapert A
LANDER NAME: NOVA-C
CLPS CONTRACT AWARD: TO 2-IM
- 7 Intuitive Machines IM-2**
LANDING SITE: Shackleton Connecting Ridge
LANDER NAME: NOVA-C
CLPS CONTRACT AWARD: TO PRIME-1
- 8 Astrobotic Griffin Mission-1**
LANDING SITE: Mons Mouton
LANDER NAME: Griffin
CLPS CONTRACT AWARD: TO 20A (VIPER)

THROUGH CLPS, NASA HAS AWARDED NINE TASK ORDERS

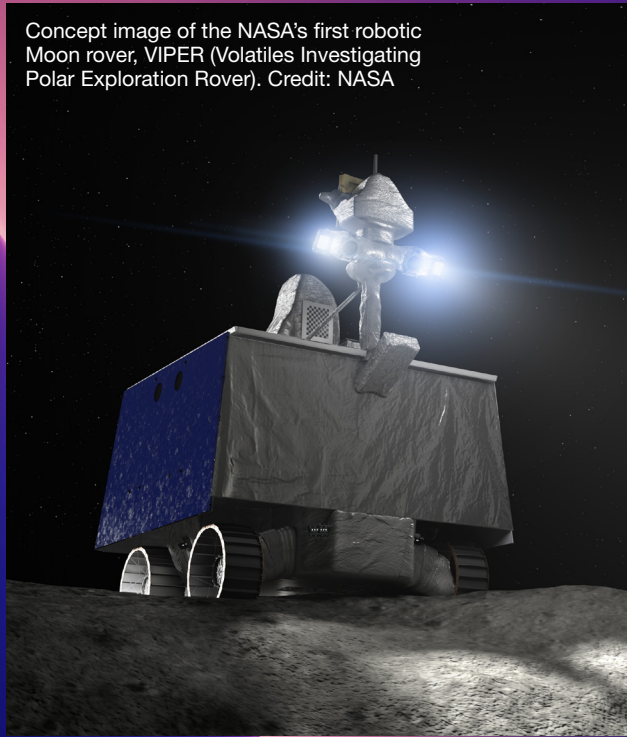
to five providers to deliver over 40 payloads to the surface of the Moon between 2024 and 2026.

THREE OF THOSE DELIVERIES ARE SLATED TO LAND on the Moon's South Pole – the region the first Artemis astronauts will explore when they arrive.

THROUGH CLPS, THE AGENCY IS BUYING AN END-TO-END COMMERCIAL ROBOTIC LUNAR DELIVERY SERVICE, meaning the CLPS provider is responsible for launch services, owns its lander design and leads landing and surface operations.

NASA WILL SELECT MORE INVESTIGATIONS FOR DELIVERY through a call for proposals for PRISM (Payloads and Research Investigations on the Surface of the Moon).

Concept image of the NASA's first robotic Moon rover, VIPER (Volatiles Investigating Polar Exploration Rover). Credit: NASA



Astrobot's MoonRanger rover will explore the lunar South Pole using NASA's Neutron Spectrometer System (NSS). Credit: Astrobotics



The Laser Retroreflector Array (LRA) is a passive optical instrument which helps provide measurements of distances between orbiting or landing spacecraft. Credit: NASA



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