



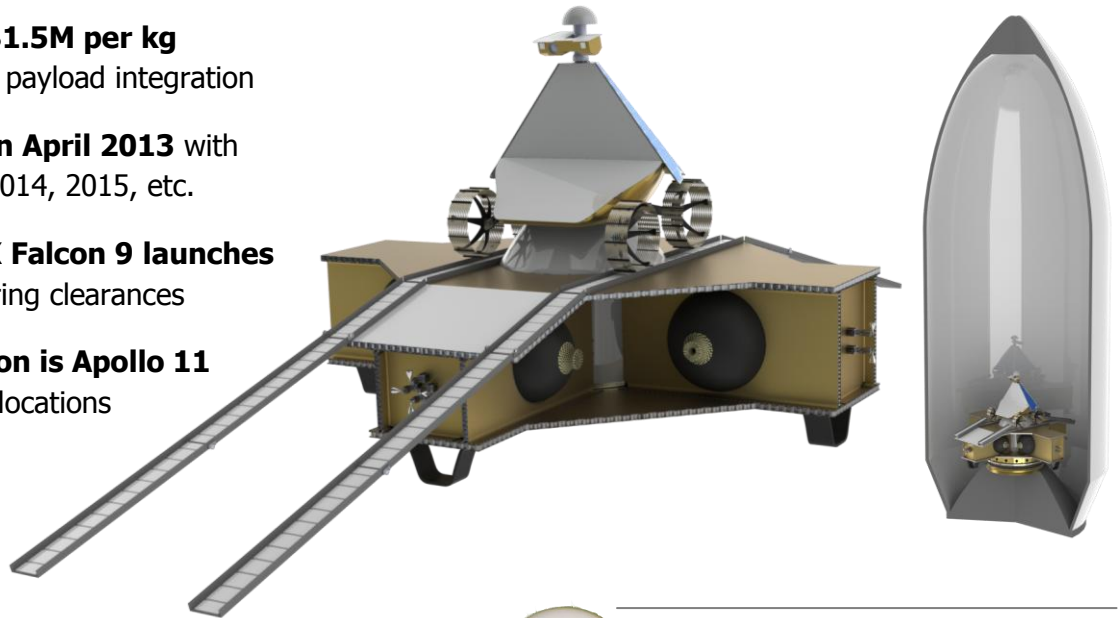
# Lunar Payload Delivery Specifications

**Up to 60 kg at \$1.5M per kg**  
and \$250,000 per payload integration

**Initial mission in April 2013** with  
next missions in 2014, 2015, etc.

**Planned SpaceX Falcon 9 launches**  
provide ample fairing clearances

**Initial destination is Apollo 11**  
followed by polar locations



Rover mass: 70 kg

120W solar array and  
273W-hr battery

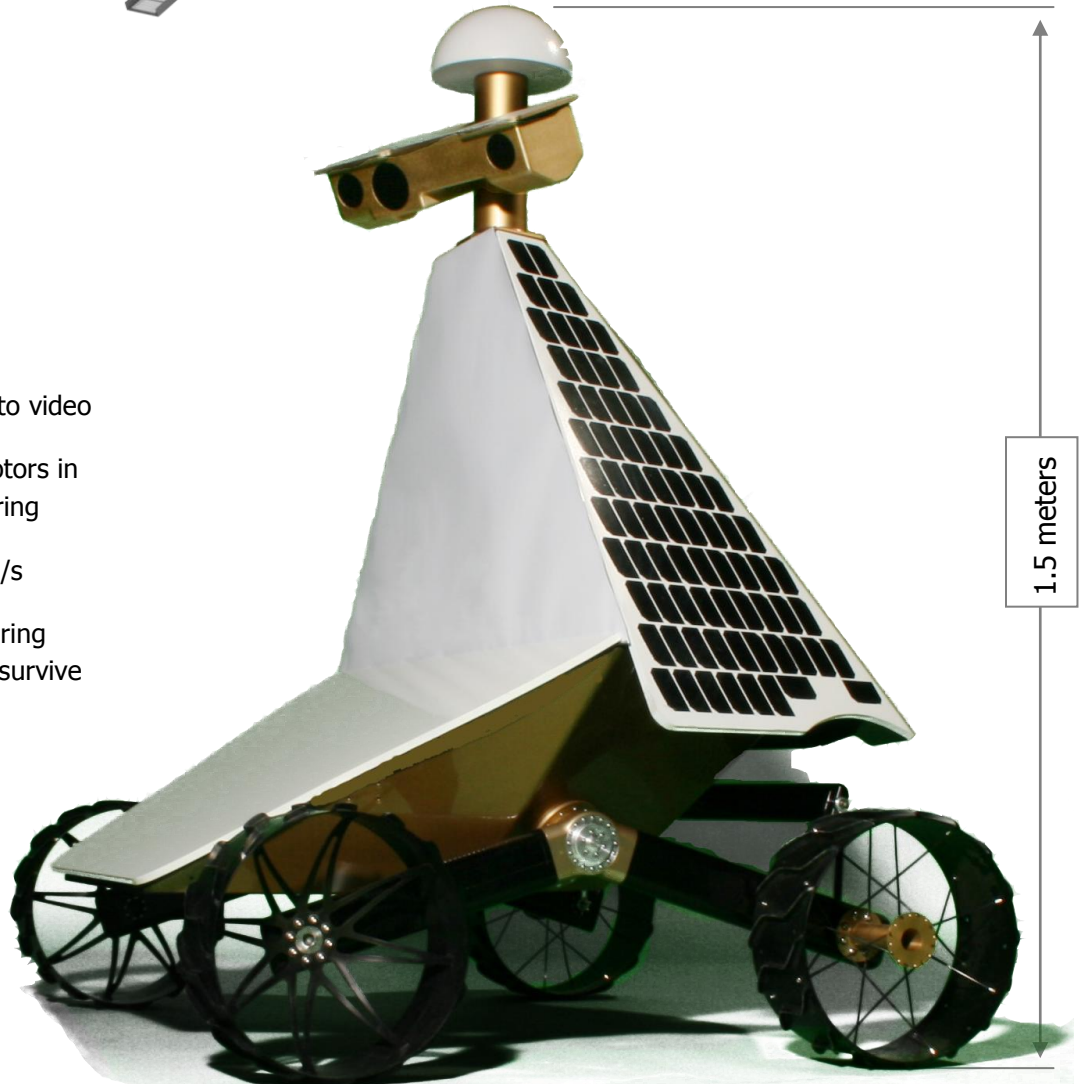
Up to 1 Mbps comm

HD stereo + HD telephoto video

Chain drive from two motors in  
rover interior; skid steering

Drive speed up to 10 cm/s

Multi-kilometer range during  
one lunar day; intent to survive  
night to operate on  
subsequent days



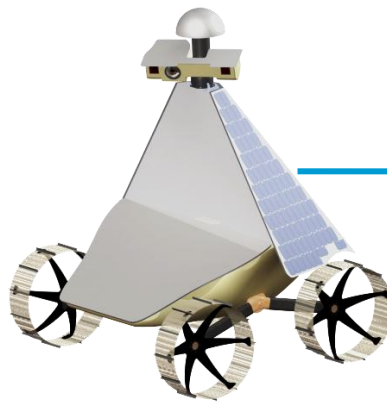
## Rover Payloads

Up to 20kg of the 60kg available overall

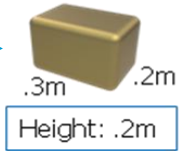
Continuous Power 5W

Intermittent Power 30W

Comm up to 1 Mbps to be negotiated



## Mobile Payload (1x)

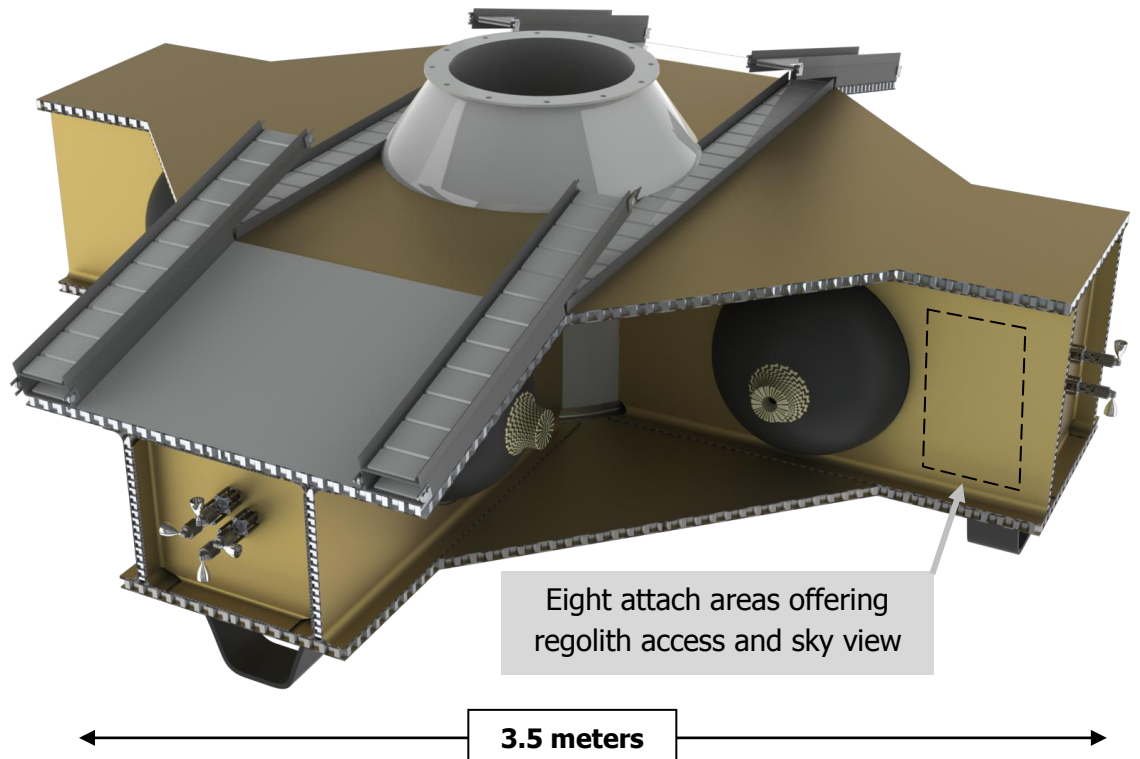


## Lander Payloads

Up to 60kg available (less any on Rover)

Payloads will attach to the four braced structures that radiate from the fuel tanks

Power and comm services to be negotiated



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