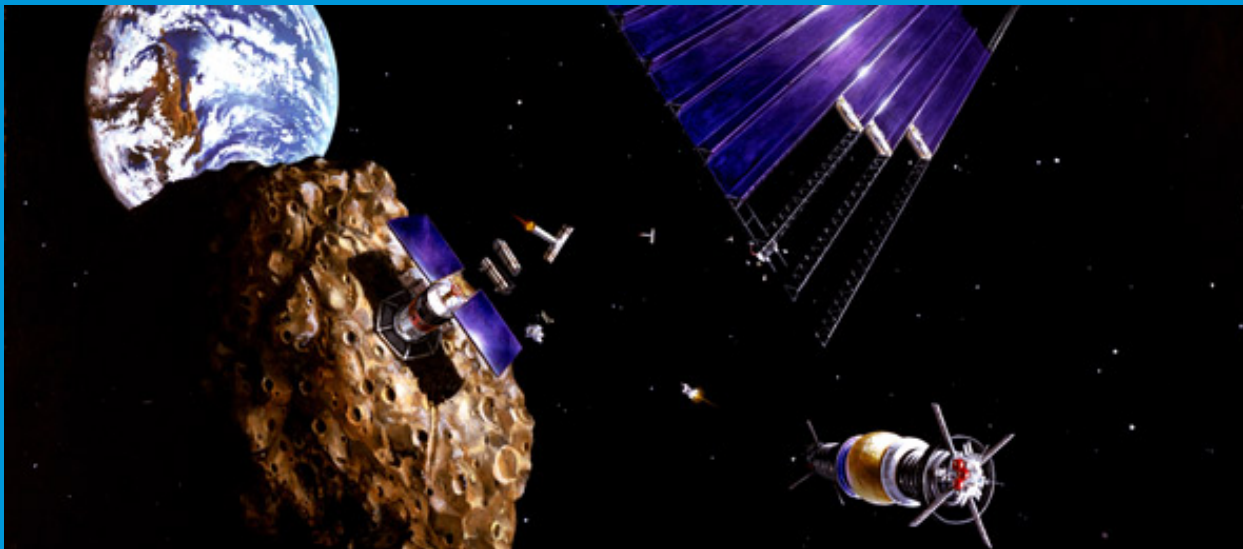




# **13<sup>th</sup> Space Resources Roundtable Planetary & Terrestrial Mining Sciences Symposium**

June 4-7, 2012  
Colorado School of Mines  
Golden, Colorado, USA



# ***Space / Multi World Property Rights 2012-2015: When, Where, How?***



**Steve Durst**

**International Lunar Observatory Association**

**65-1230 Mamalahoa Hwy D20**

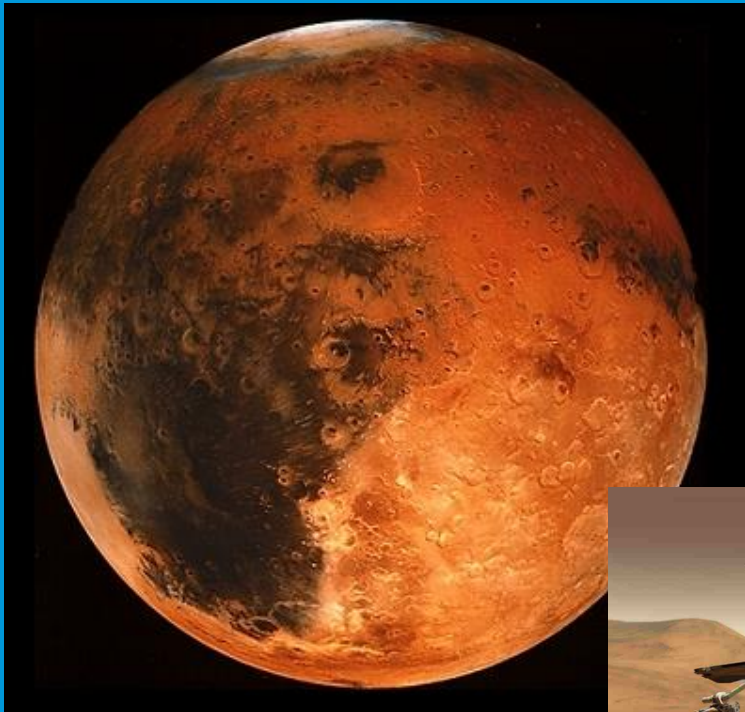
**Kamuela HI 96743 USA**

**info@iloa.org, 808-885-3474**

- **Physical presence at extra-terrestrial bodies is likely the single most important factor in property rights realization ("Possession is 9/10ths ...").**
- **When, Where and How physical presence / property rights determination likely will occur can be anticipated:**

# 2012

- On Mars, USA Rover *Opportunity*
- USA Mars Science Laboratory / Rover *Curiosity*  
NET 5 August





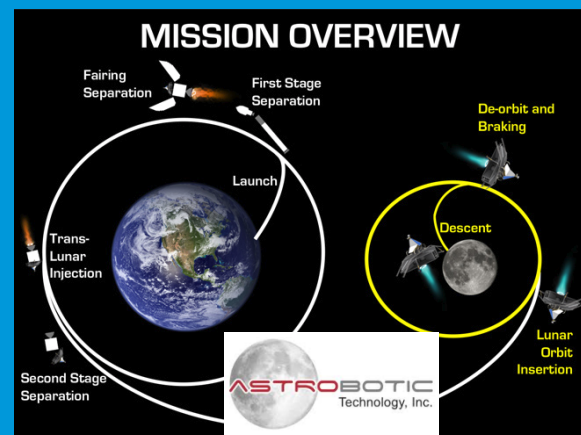
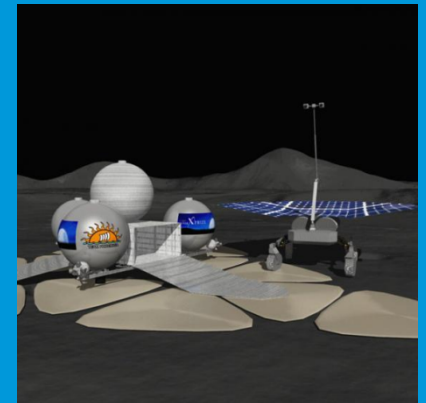
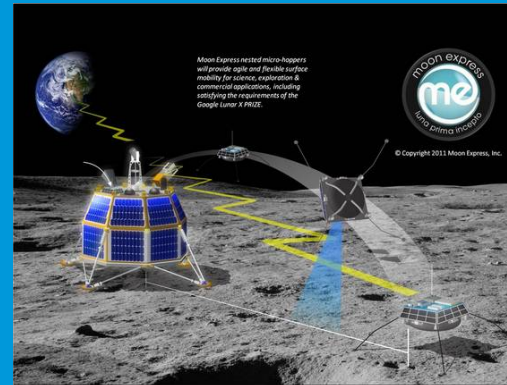
# 2013

- On Moon, PRC Lander / Rover Chang'e-3, likely at *Sinus Iridum* 44.1°N
- Possible early Moon landing attempt/s by Independent, Private GLXP contenders



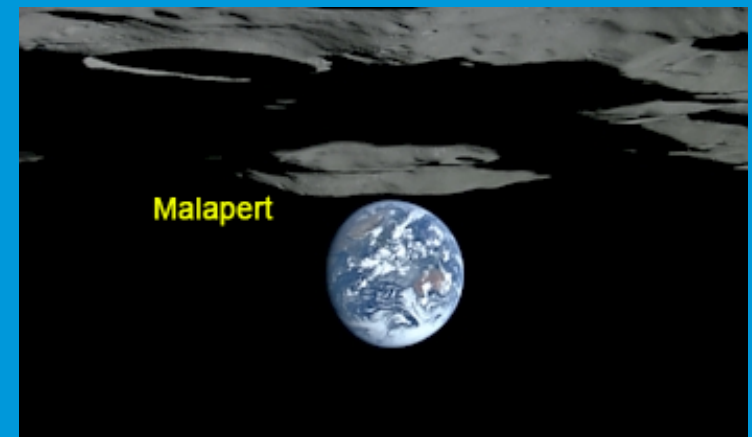
# 2014

- On Moon, GLXP Independent, Private Landers / Rovers near Equator, at South Pole
- India-Russia Chandrayaan-2



# 2015

- On Moon, ILO-1 Lander Observatory at South Pole / Mons Malapert
- GLXP Independent, Private Landers / Rovers





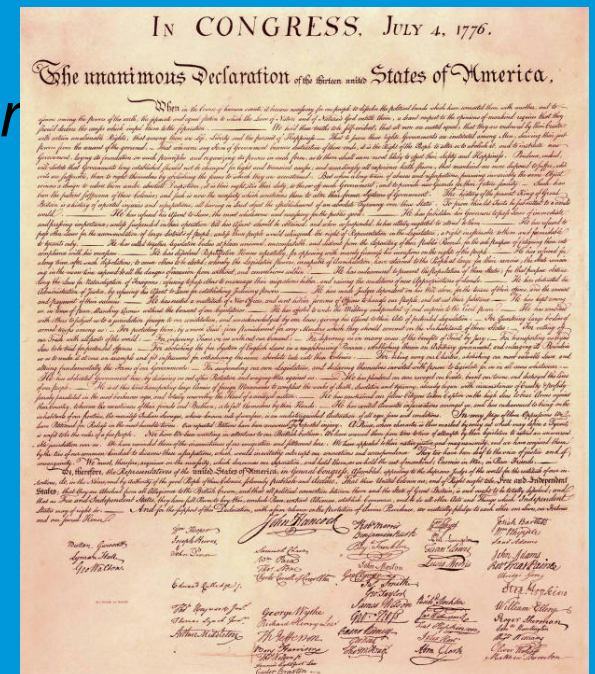
# USA Precedence

- Declaration of Independence

*"We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the pursuit of Happiness."*

- Constitution - Bill of Rights

*"No person shall...be deprived of life, liberty, or property, without due process of law;"* Amendment 5





# International Documents

- The Universal Declaration of Human Rights

December 10, 1948

- Article 17:

*“(1) Everyone has the right to own property alone as well as in association with others.*

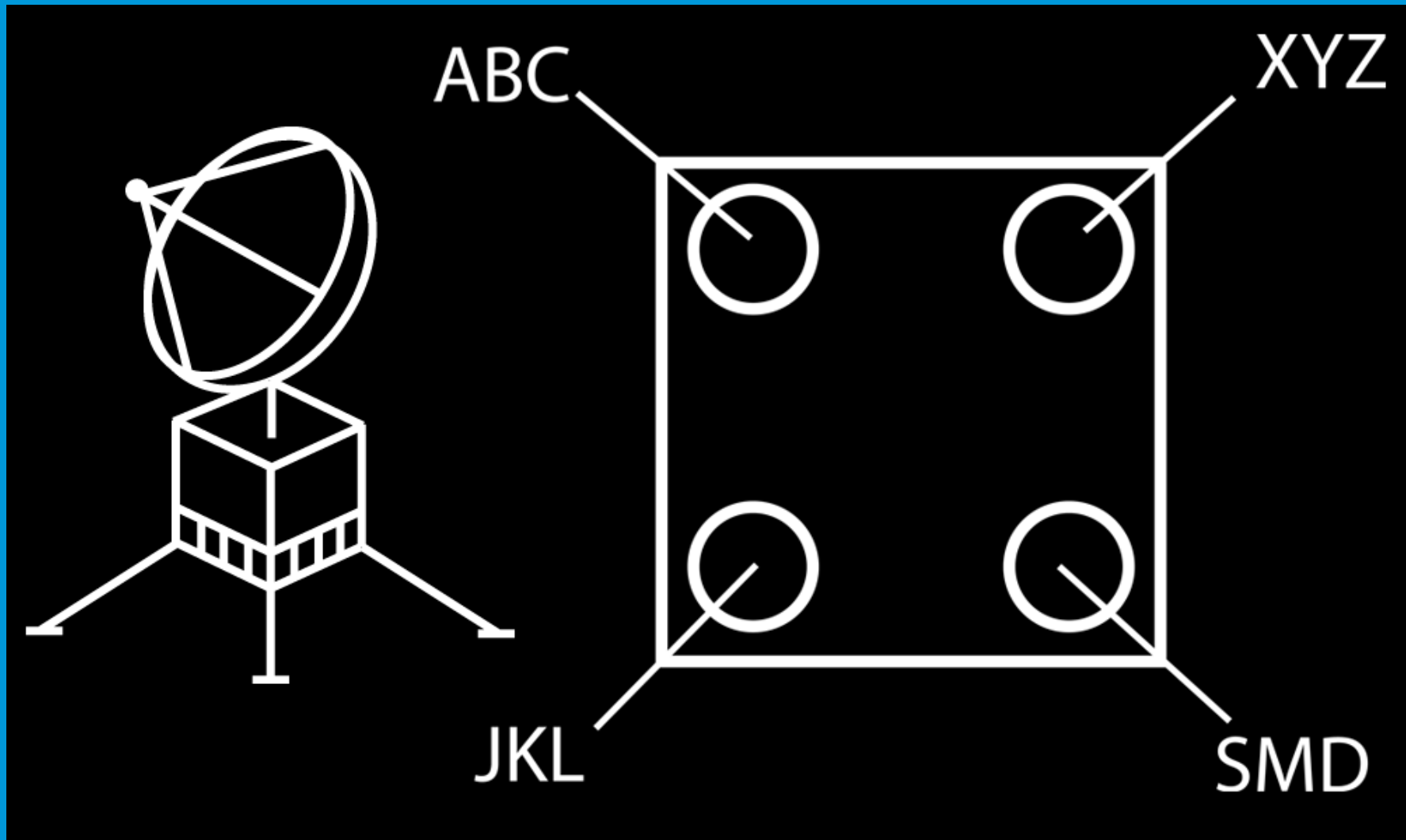
*(2) No one shall be arbitrarily deprived of his property.”*



# International Organizations

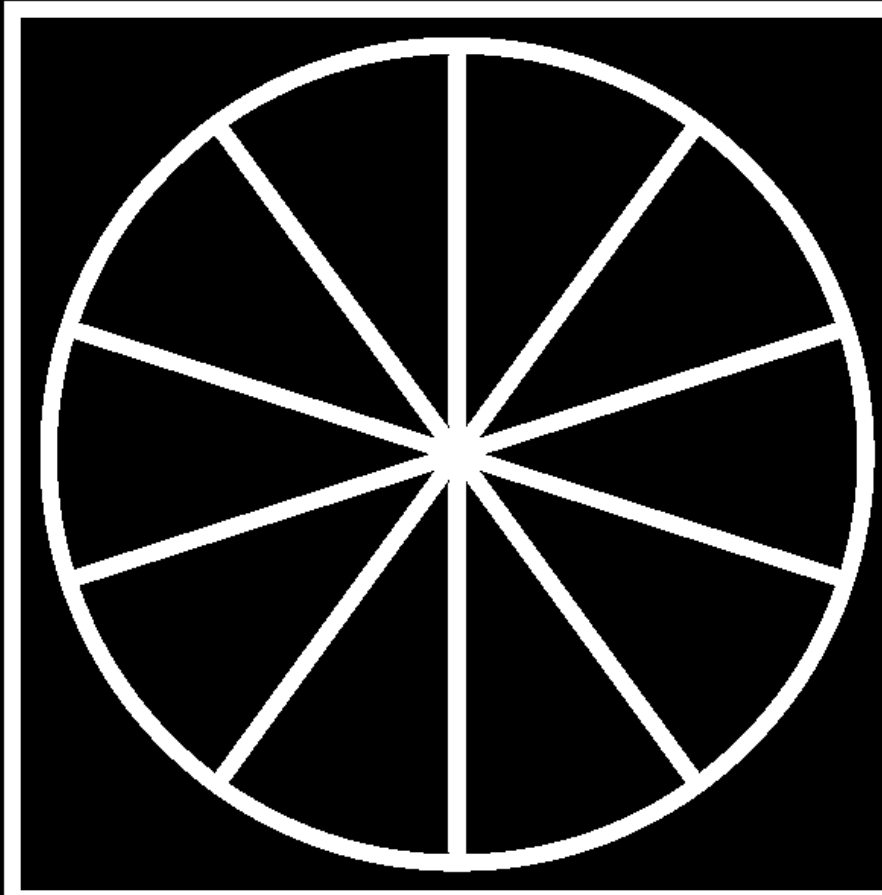
- United Nations
- African Union
- European Union
- Association of South East Asian Nations
- Antarctic Treaty Secretariat

# ILO-1 as Property Rights Agent

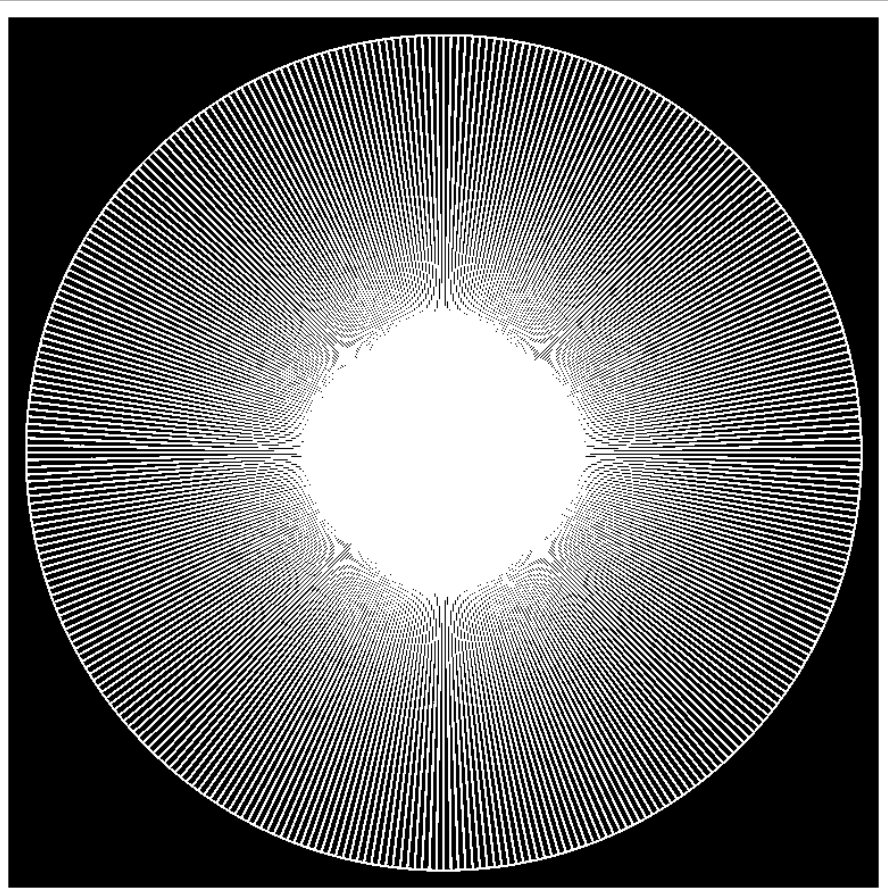




# ILO Property Rights – Landing Legs



**10 Parts**

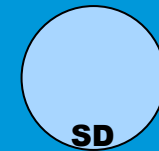
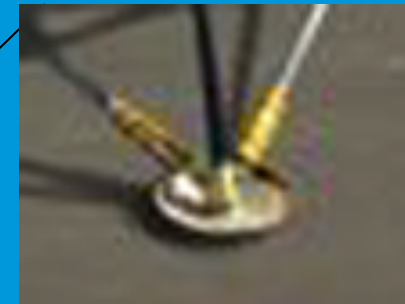
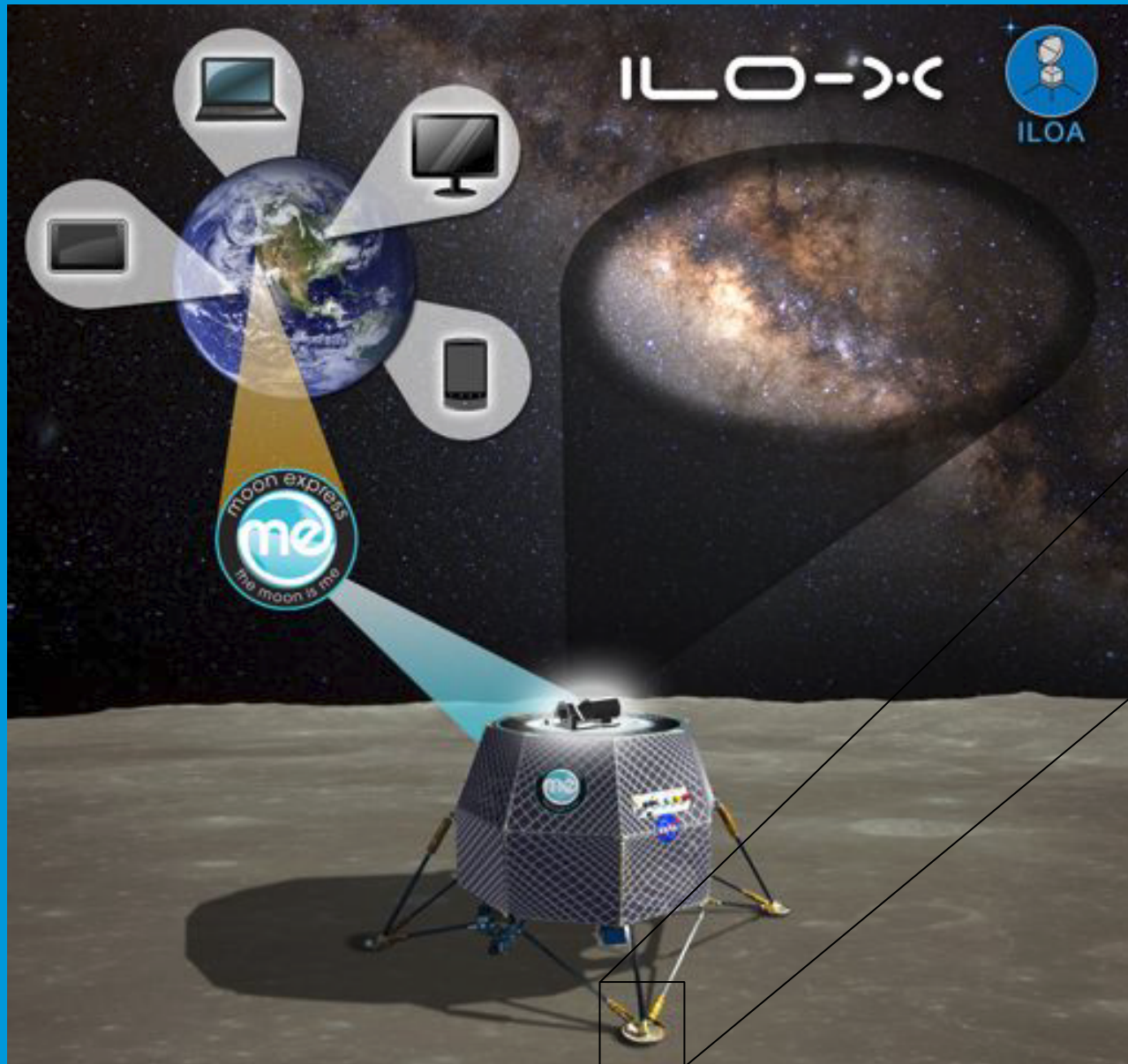


**360 Parts**

# ILO-1 as Property Rights Agent

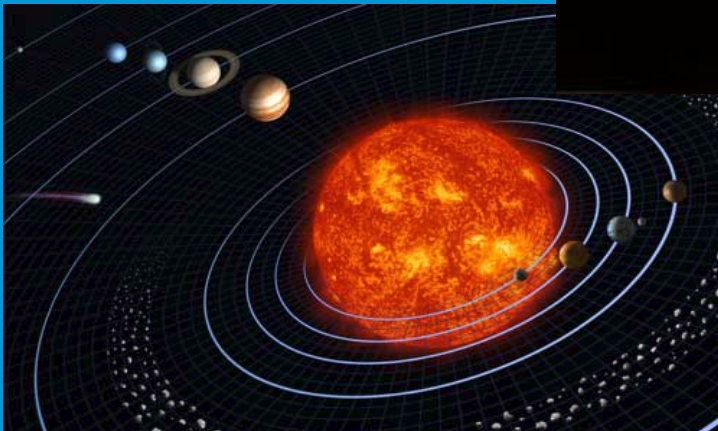
- Individual Property / Land Ownership a Fundamental Human Right, At Least for American / Western Civilization
- Individual Claim of Lunar / Multi-World Acreage Has Same Justification and Rationale as Individual Claim of Right to Vote
- Lunar Acreage as Meeting Point, Synergy For SpaceAge Freedom and Equality, Liberty and Justice
- About 10 billion acres on Moon with about 6.8 billion individuals on Earth; popular option may be 50% individual acreage donation to common-wealth
- Global, International, USA Organizations Challenged to Address Moon, Multi-World, Space Property Rights / Acreage Claims: LEDA, SSI, SFF, NSS, PLS, AAS, AIAA, UN-OOSA, IAF / IAA / IISL, Planetary Resources, etc

# Moon Express Lander & ILO-X Payload





# Solar System Development



# ALOHA!

For more information about the ILO / ILOA, contact:

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