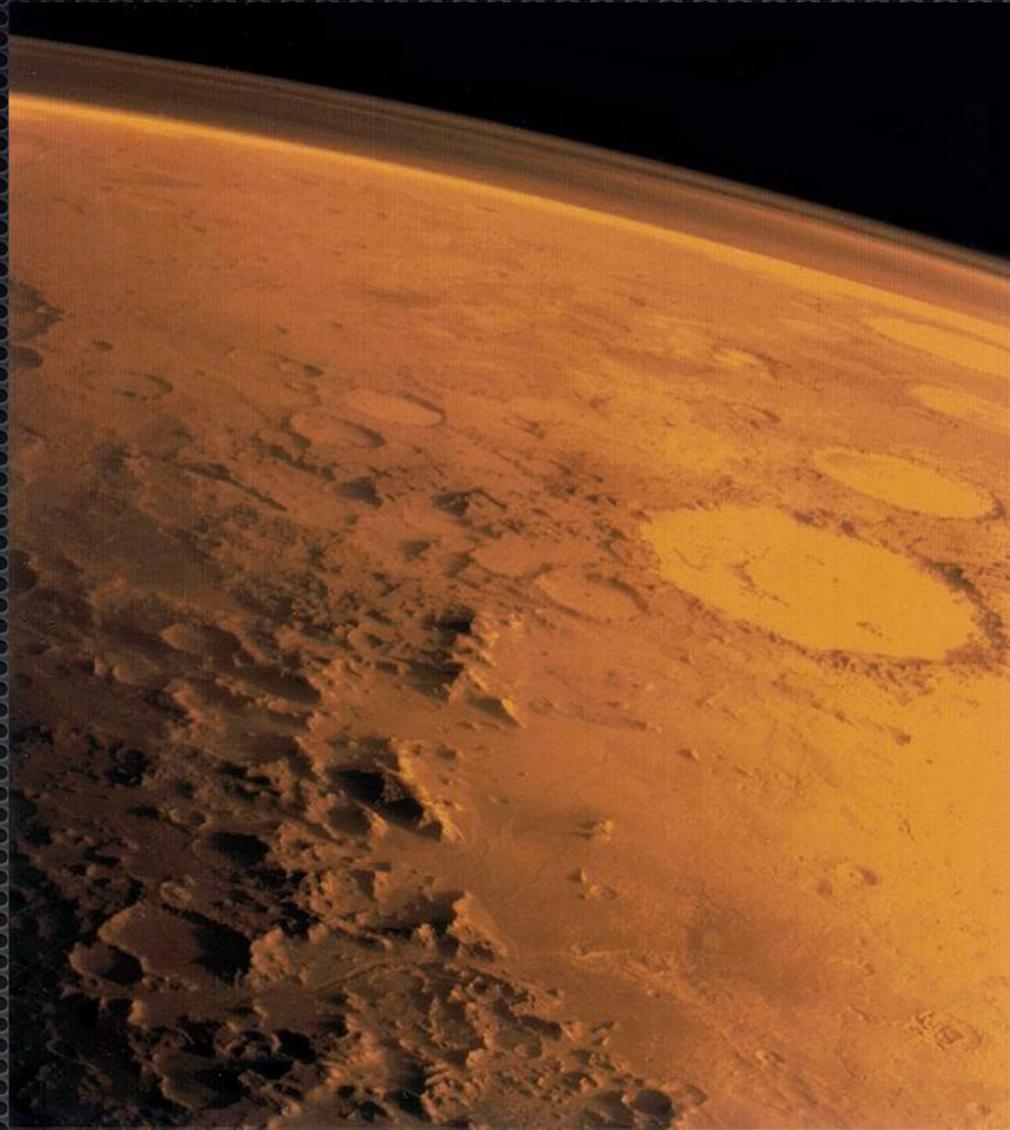


Grand Space Strategy: Accelerating Humanity as a Multiplanetary Species



AIAA Space Philosophy Gathering

**Michael Potter
International Institute of Space Commerce**

**Los Angeles
December 18, 2021**

A Few Interesting Milestones

- . Wright Brothers 118 Years Ago**
- . Moon Landing 52 Years ago**
- . Mir Deorbit 20 Years Ago**
- . Elon Time Magazine Man of the Year**
- . China Human Presence on the Moon 2026**

“No bucks, no Buck Rogers”



Traditional, but Simplistic Argument

Astronauts & Robots: Partners in Space Science and Exploration



- **Transhumanist Concept: Augmentation & Extension of the Human Condition**
- **Moving from Scarcity to Abundance Mindset**
- **Robots will take on biological like existence in space**

Fundamental Questions

-Why Does the U.S. Only Just Recently have a Man-Rated Rocket?

-Why the Demise of the most expensive Federal Lab in 2030? \$100 Billion dollars latter

-Why is Humanity Not on the Moon?



Farewell to Strategy

“Politics Always Wins”



*Today This Now Defines the Death of
Strategy*

Wish List - Is Not A Strategy

- * Flexible Path/ Flexible Architecture
- * Congressional battle over Earth sciences vs. Manned space
- * NRC/NAS and others arguing to go back to the Moon
- * There is no such thing as a Mars Mission —strategy versus budgets
- * Congressional Proposal to make space settlement a national goal
- * Congressional Proposal for NASA to develop interstellar propulsion
- * Billions of redundant funding on “last mile solutions”

Is it Possible to Bring Back Grand National Space Strategy?

Grand Space Strategy from ABOVE:

Perhaps if a Nation State rival of the U.S. establishes a lunar base & initiates mining activities. China 2026?

Grand Space Strategy from BELOW:

Perhaps if there is a congressional appointed realignment commission that is charged with connecting strategy and infrastructure, assets and capabilities.

Conclusion

- **Rebirth of Grand Space Strategy and the long-term, multi-decadal, committed resources to achieve these goals.**
- **A coherent, powerful strategy is necessary to enable humanity to pursue critical space activities in a more focused, financially efficient and results oriented fashion**
- **Moving to an Abundance Mindset**
- **Accelerating humanity as a multiplanetary species**
- **It is all about scalability and sustainability**
- **Planetary Protection**

Adapt or perish!