# Space Ocean Signs LOI with Space Nuclear Power Corp to Explore Advanced Power Integration for Deep-Space Missions

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***Agreement Signals Strategic Collaboration Around Reactor Technology, Fluid Logistics, and In-Space Infrastructure Development***

Brownsville, TX, October 7, 2025 – Space Ocean Corp, a leader in orbital logistics and in-space resource delivery, has entered into a Letter of Intent (LOI) with Space Nuclear Power Corporation (SpaceNukes), a pioneer in advanced space nuclear power systems. The LOI outlines a strategic collaboration to explore integrating space nuclear reactor technology into future deep-space missions.

Under the terms of the LOI, Space Ocean intends to test SpaceNukes' 10-kilowatt nuclear reactor aboard its ALV-N satellite. If performance criteria are met, SpaceNukes will become a core supplier of nuclear power units for future Space Ocean missions focused on lunar and planetary operations.

"Power is mission-critical, especially when you're operating in the deepest parts of space," said Paul S. Mamakos, CEO of Space Ocean Corp. "This collaboration gives us the opportunity to pair our fluid logistics and delivery infrastructure with nuclear technology that can scale, sustain and energize orbital and planetary missions."

“Space Ocean’s vision aligns with our belief that small, scalable and extremely reliable nuclear power is essential for long-duration missions,” said Andrew Phelps, CEO of Space Nuclear Power Corporation. “Together, we’re laying the groundwork for a future where spacecraft can generate, manage and distribute energy far beyond Earth orbit.”

“This strategic alliance between SpaceNukes and Space Ocean is a game changer for not only our programs, but for planetary exploration missions yet to launch,” added Pete Freeland, President and CTO of Space Ocean Corp. “Our collaborative efforts will mature an essential technology for future spaceflight, and we are excited to be aligned with this groundbreaking organization.”

The LOI also includes mutual objectives to:

- Explore integration of fluid delivery systems with reactor modules
- Collect operational data to support Technology Readiness Level 9 (TRL-9) certification
- Form a Joint Working Group to pursue additional space infrastructure and commercial opportunities

While non-binding, the LOI represents a meaningful alignment between two companies working to solve critical challenges in long-range mission design, logistics and autonomy.

**About Space Ocean Corp**
Space Ocean Corp is building the first integrated space logistics platform focused on resource transfer, storage and delivery beyond Earth orbit. It will provide in-Space refueling, Infrastructure as a Service (IaaS), Data as a Service (DaaS) and resources for space laboratories and pharmaceutical R&D. https://spaceoceancorp.com/

**About Space Nuclear Power Corp**
Space Nuclear Power Corporation (SpaceNukes) develops safe, scalable and mission-ready nuclear reactors for deep-space propulsion and power systems as well as lunar, Martian and other applications. Their compact units are designed for efficient deployment, extreme reliability and long-duration operations in the harshest space environments.
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