

YACHTS

INTERNATIONAL



Are you ready to break out of the Covid doldrums?
Ever consider a deep dive to the Mariana trench?
Only 20 people in history have been down there.
YOU can be the 21st.

JILL BOBROW, EDITOR-AT-LARGE, YACHTS INTERNATIONAL · MAR 29, 2021

Journey to the deepest point on the planet in the most high-tech submarine ever built.

Take a TRITON 36000/2 submersible to the Challenger Deep— the hadal zone, that is at a depth of 35,850ft/10,927m.

Roman Chiporukha and Erica Jackowitz—husband-and-wife cofounders of New York-based Roman & Erica, Inc— run a full service lifestyle management service. They are luxury travel advisors who curate incredible (and not inexpensive) experiences for their clientele.



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Here is their latest offering—the Mariana Trench—the deepest oceanic trench on Earth

- **Day 1:** Arrive in Guam, board the expedition ship and sail out to the dive site, Challenger Deep. The distance is 210 nautical miles and takes about 20-22 hours in relatively calm waters.
- **Day 2:** Board the submarine, sit back, relax and be prepared to be piloted down to the depths of the earth's oceans and into the history books. 4.5 hours to get down, 2-3 hours at the bottom of the ocean floor, and approximately 4 hours back up.
- **Day 3:** Return to Guam



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Offered from June 20, 2021 to July 31, 2021.

Cost: \$750,000 per person, per dive (1 person per dive + pilot)

HES: Hadal Exploration System

Your expedition ship

DSSV* *Pressure Drop* is 68.3m vessel built specifically for long-endurance surveillance around the globe. It is ultra-quiet (useful for submersible acoustics), fuel efficient and underwent a \$15m refit in 2018. There are 46 staterooms, a gym, a great video library and a bar.

*(DSSV - Deep Submersible Support Vessel).



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The submersible

TRITON 36000/2 — DSV The Limiting Factor, titanium submersible

The only vehicle capable of repeatedly visiting the hadal zone, the Triton 36000/2, is destined to make a plethora of discoveries during her long career. Certified by DNV-GL as the world's only 'depth unlimited' submersible, the submersible is a pathfinder into Earth's last frontier. The human occupied sphere is a 90mm titanium sphere of 1.5m diameter; it is very comfortable and peaceful inside. It is a stable yet highly maneuverable platform. It has an array of high-def camera and powerful LED lights.



The Crew

The award-winning team created for the Five Deeps Expedition, the world's first manned expedition to the deepest point in each of the five oceans, continues today as part of the Ring of Fire Expedition. Originally selected for their individual professional expertise and cohesive abilities, the team has proven to be the greatest asset of the HES. With overlapping skillsets unified by a common passion, this team has successfully achieved many world records and world firsts.

Support System

THE HADAL LANDERS

The Hadal Exploration System includes three 11,000m rated (full ocean depth) capable landers that will support the Triton 36000/2 and carry out additional science tasks. L3 Systems- supplied acoustic modems aid the submersible in navigation and allow scientists to communicate with the Landers. Features include video and time lapse cameras, a sample 'bio box', push core samplers, conductivity, temperature and depth sensors, and an array of other scientific instruments.

SONAR

DSSV Pressure Drop is outfitted with Kongsberg-Simrad's first installation of their new upgrade to the EM-124 multi-beam sonar, enabling precise, quick, high-definition topographic mapping of the ocean floor at full ocean depth (11,000m). The Kongsberg-SIMRAD EM-124 is the most advanced bathymetric sonar ever installed on a vessel.

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