

TRITON SUBMARINES

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PARTNERS YOU CAN COUNT ON

Many are surprised to learn that over the last three decades the global tourist submersible sector has conveyed an average 1-million passengers per year; demonstrating the existence of public demand, an established maturity, perfect safety record and enduring profitability for well-managed operations.

As the oceans benefit from a second wave of widespread public engagement, Triton Submarines are partnering with discerning commercial entities to unlock the remarkable international demand for subseatourism and the highly rewarding opportunities this presents –both financially and in terms of contributing positively to the Earth's marine environment.

From delivering the first high-volume/low ticket price submersible launched in almost 20 years, through to exclusive \$750,000 per dive trips almost 11 km deep in the Mariana Trench, the fact that Triton Submarines is at the forefront of the entire spectrum of subsea tourism is an irrefutable fact. Our Generation 2.0 commercial model range is specifically designed with safety, reliability and ease of maintenance at their core, while optimizing profitability, through-put and guest experiences.

From land-based operations in luxury boutique waterfront hotels to private island resorts, through offshore diving operations aboard cruise ships or rendezvous vessels, Triton's unrivaled experience in submersible design, production and operations ensures a solution is tailored to achieve your goals while our legendary long-term support ensures success for decades to come.

While the following pages highlight examples of potential solutions, we recognize that each application is unique. It would be our pleasure to explore together your requirements and customize an operation that delivers your objectives. From initial planning, through site or vessel analysis, to delivery and unstinting assistance in the years ahead, at Triton we are committed to ensuring your future success... for within it lies our own.



Catrick Lahey
CEO, Founding Partner

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CHANGING EXPECTATIONS

Since the first contemporary tourist submersible entered service in 1985, over 45 purpose-built vehicles have been delivered, creating a lucrative industry sector where a million-plus passengers generate up to \$150 million in annual revenues. The global fleet is aging however, with the majority of the current 26 commercially operating submersibles launched 20 to 30 years ago. While the longevity of such a profitgenerating asset is admirable, design and technology has progressed significantly in the ensuing years.

The time and opportunity has arisen for visionary entrepreneurs and investors to embrace the next generation of tourism submersibles.

Our oceans currently benefit from levels of engagement not witnessed since Jacque Cousteau's pioneering of marine awareness in the 1950's, with daily international media coverage ensuring our seas and its inhabitants regularly occupy public consciousness. Fascination with the world aquatic has undoubtedly risen of late, however so have expectations.

Cousteau's Silent World wowed audiences huddled around black and white TV sets, leading to thrilled subsea tourists peering eagerly through hazy viewports at indistinct reefs. The world has since moved on.

Now Blue Planet II is emblazoned in glorious Ultra-HD 4K across vast home cinema screens. Today nothing but stunning panoramas through the optically perfect hull of a Triton submersible will impress.

Welcome to a remarkable opportunity.

Welcome to tourism submersibles 2.0.











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A BIGGER PICTURE

For both the traditional cruise ship sector and burgeoning expedition cruise operators, a submersible operation offers not only the opportunity to generate additional revenue streams, but also an important market differentiator, not to mention taking your guest's experience to another level... quite literally.

In addition to direct revenue generation, submersibles provide opportunity to create inspiring content for pre-booking marketing materials, which is further augmented by the post-cruise promotion of your guests' experiences amongst their peer group, via social media. Their images and video very much contributing to your larger marketing picture.

In the following pages we explore two very different solutions for offshore submersible operations;
Onboard Integration and a 'Rendezvous Operation'.
In both solutions you'll immediately recognize advantages and benefits over existing offerings to the cruise ship sector. Be assured, however far you go, however long our journey together stretches into the future, in Triton you'll find a committed partner–because we see the bigger picture.

ONBOARD INTEGRATION

During SeaTrade Miami 2021, Scenic Cruises lines sent ripples through the Expedition Cruise Ship sector with their announcement to switch from their previous submersible supplier in order to enter a long-term partnership with Triton Submarines. As with each and every one of Triton's clients, our new partners appreciated the unrivaled levels of reliability, after-sales support and expertise delivered by the world's most experienced civilian submersible team.

From initial concept discussion, through vessel engineering and equipment integration considerations, to delivery, training and unstinting after-sales support, Triton's assistance to the cruise vessel operators' team ensures the most efficient and practical integration and operational solution is achieved.

Alongside the keystones of Triton's sector leading safety record and proven reliability-ensuring minimal 'down-time'-the team's expertise and experience in delivering success for the most challenging operations, often in the most remote areas of the planet, has been proven many times over. The successful completion of the unprecedented Five Deeps Expedition being just one highlight example.

Client empowerment may be core policy of how we operate, with the goal of enabling our clients to independently maintain, service and operate their Tritons for decades to come, though we also offer the opportunity of Fully Managed Submersible Operations for those companies requiring a 360-degree 'turnkey' service.

RAISING THE STANDARD: TRITON 660/9 AVA

At the heart of our Onboard Operations offering is the 'Next Generation' TRITON 660/9 AVA, a ground-breaking new model designed specifically for the Cruise sector. As with each of Triton's previous achievements, when we set out to raise the bar for submersible offerings in the cruise ship sector, we didn't just move the needle, we set a whole new standard.

Offering dramatically improved guest experience, revenue generation opportunities, reliability and safety features, the TRITON 660/9 AVA is so revolutionary patents were required to protect it. The AVA's unique elliptical pressure-hull geometry delivers so many advantages over existing dualhulled offerings in the cruise sector, one truly can't compare them in the same class.

Discover more on Page 20.

DIVE & DISCOVER

In a typical operating scenario, excited quests embark the submersible from a Zodiac as the Triton sits stable in the water. Handrails aid their entry through the wide upper-hatch and into the beautifully finished interior. With hatches closed and a warm welcome from the Pilot-Guide, the vessel slips silently beneath the waves and the optically perfect acrylic disappears.

Guests enjoy a truly mesmerizing, intimate panoramic view of the underwater world that they will never forget, enhanced by the knowledge of the Pilot-Guide. On returning to the surface, guests disembark with a newfound love and respect for our planet's oceans.

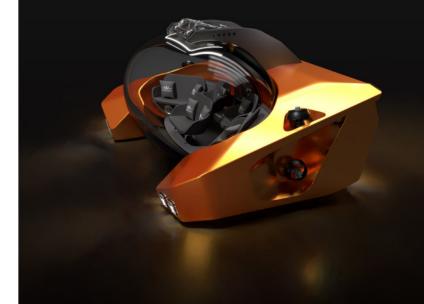
Two TRITON 660/9 AVA's operating in tandem maximizes throughput for an efficient operation and a seamless customer experience. As passengers embark and disembark one submersible, the other may be exploring a wreck of historical interest or reef of outstanding natural beauty.

RUNNING THE NUMBERS

Initial Capex: \$6,350,000

Ticket Price: \$750 No. Guests per Dive: 8 No. Dives per Day: 8 No. Days Diving per year: 70

Annual Operational Budget: \$350,000 Contribution per annum: \$3,010,000 Recovery of initial Capex: approx. 2-years Lifespan of Asset: 20-years



TRITON SHADOWCAT

RENDEZVOUS OPERATIONS

The ability to offer a submersible diving experience for a larger number of guests simultaneously naturally offers numerous benefits, but accommodating a large passenger capacity submersible onboard is rarely practical. For larger volume and multi-vessel operators, Triton proposes the Rendezvous Operation.

A dedicated TRITON DeepView carrying vessel capable of servicing multiple ships for a single operator is the optimal solution for multi-ship operators. In collaboration with the prestigious Tillberg Design of Sweden team and award-winning support yacht designer SHADOWCAT, the ShadowLark Pro has been developed to offer the capability of supporting high volume submersible operations around the globe.

Independent of the cruise vessel itself, an entirely autonomous and mobile high-volume submersible operation delivers multiple benefits:

ONBOARD ADVANTAGES

- No allocation of valuable 'real estate' for submersible integration onboard;
- No sub crew cabin allocation or crew amenities required onboard cruise vessel;
- No launch-recovery equipment required onboard cruise vessel;
- Stable platform for boarding and disembarkation of guests, especially those with reduced mobility;
- Opportunity to transfer other assets and operations to dedicated support vessel, including helis, diving, watersports equipment, etc.

COMMERCIAL ADVANTAGES

- Reduced number of crew required, mitigating salary obligations;
- Reduced Capex over multiple submersibles on multiple cruise vessels;
- Submersible operation follows seasonal movement of the operator's fleet;
- Support vessel construction at shipyard of operator's choice;

- Possibility of customization submersible for wheelchair access, ensuring inclusivity;
- Exploitation of event or location-based 'sub only' operation opportunities:
 F1, film festivals, regattas, corporate entertainment, HMHS Britannic, etc.

OPERATIONAL ADVANTAGES

- Higher guest through-put, leading to increased guest satisfaction;
- Higher guest through-put with reduced operational demands;
- No requirement for use of cruise vessel's Zodiacs for transfer of guests;
- No launch/recovery from cruise vessel, or towing subs to dive site;
- Reconnoitered and pre-dived location ensures optimal dive conditions and experience;
- Multiple rendezvous possible in differing locations during a single cruise;
- Reduced environmental impact in sensitive marine areas.





Submersible operations have a proven and unique ability to capture tourism expenditure.

In some island locations, over 25% of incoming tourists will enjoy the submarine experience before they depart.

EXCLUSIVE TO EXPANSIVE

For over three decades onshore-based submersible operations have dominated the way travelers have experienced a deeper engagement with the oceans. For the hospitality sector—be that exclusive boutique destinations or larger resort parks and islands—Triton's range of mid to high volume submersible models is redefining the sector in line with changing expectations.

Patrons of high-end boutique destinations demand exclusivity in exchange for a portion of their significant disposable income, while visitors to larger resorts engage in collective activities that are more modestly priced. Recognizing this, Triton offers multiple submersible models and solutions for a wide-variety of applications, ensuring both guest expectations are exceeded and generous revenues are generated for our clients.

For boutique hotels, the mid-sized TRITON 660/9 AVA offers a fresh take on exclusive and thrilling excursions like seaplane or helicopter experiences, but the versatile interior also permits quick and easy conversion to premium experience dives—be that gaming, spa treatments, dining or cocktail cruises—to extend the property's primary characteristics below the waves.

For cruise-line owned private islands, and large resort destinations, that experience a higher traffic volume, the TRITON DeepView series optimizes guest throughput, experiences and profitability. Capable of conveying up to 66-guests every hour, up to 12-times per day, passenger through-put can be assured while an affordable ticket price will still deliver remarkable profitability. The value of a submersible in delivering numerous benefits, from post-visit market differentiation and post-visit viral publicity over guest's social media, of course require no further explanation.

Providing visitors effortless access to the local marine environment delivers experiences that are, truly, of unique and thrilling depths.

EXPLORING CHARTER OPPORTUNITIES

Triton Submarines has identified a demand – and potentially lucrative opportunity – for a compact charter platform capable of delivering unique marine experiences. From documentary production companies to specialist travel companies, from the yacht charter sector to individuals and research institutes, Triton Submarines is experiencing an ever-increased volume of enquiries regards chartering our submersibles.

Mindful of the above, Triton Submarines has worked with several shipyards to create both inshore and offshore package proposals, both of which optimize potential profitability through high revenue generation and marketing value, offset by low operational and maintenance costs.



INSHORE PACKAGE: THE COMPACT CAT & TRITON 1650/3 LP

Representing the most accessible host vessel and submersible charter package currently available on the market, this compact and inexpensive solution features the TRITON 1650/3 LP submersible and a custom built, aluminium hulled catamaran with integrated four-bogey storage deck trolley and launch & recovery system for the submersible.

Based on what we calculate to be an eminently achievable 50-days charter per annum, outline calculations demonstrate a conservative \$550,000 net profit per year, for an initial capital outlay of \$4,570,000, returning 12% per annum.

RUNNING THE NUMBERS

50-Days Charter @\$20,000 Annual Revenue \$1,000,000 Initial Capital Outlay: \$4,570,000 Annual ROI in excess of 12%

Contact Triton Submarines for more information.

OFFSHORE PACKAGE: SHADOWLARK 24 & TRITON 3300/3 MKII

Servicing the superyacht sector and addressing the requirements of both high-end resorts and experiential vacation consultants, the ShadowCat/Triton collaboration delivers a unique luxury watersports experience platform for daily or extended charter. Combining a host of features impractical to integrate with many superyachts, this supplementary charter opportunity augments the cruising experience for charter and private yachts alike.

The operator of this package also has the opportunity to service high-end boutique resorts, address the current high demand for unique meaningful experiences amongst experiential travel consultants, while also marketing the platform to documentary film makers, research institutes, environmental organizations and commercial subsea service providers.

Estimating a modest 100-days charter per annum, outline calculations demonstrate an approximate 2.6-million USD can be generated per annum, with recovery of initial capital outlay of approximately 9.6-million USD achievable within 5-years.

Contact Triton Submarines for more information.





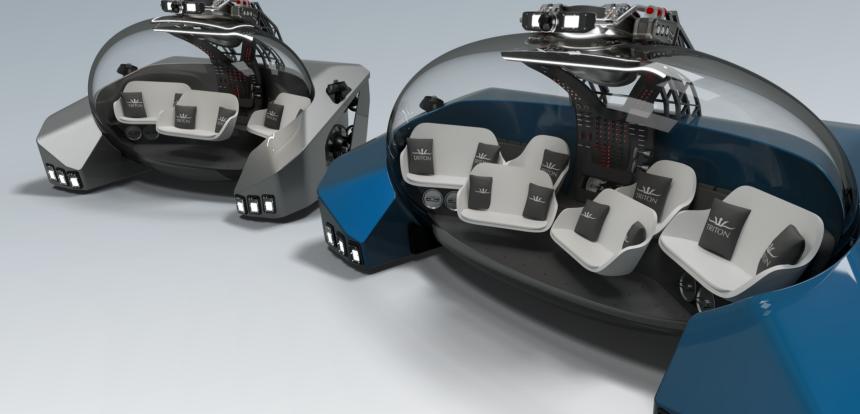


TRITON 660/9 Advanced versatile acrylics

The TRITON 660/9 employs our revolutionary

With wrap-around views and none of the

weddings and private dining. The TRITON

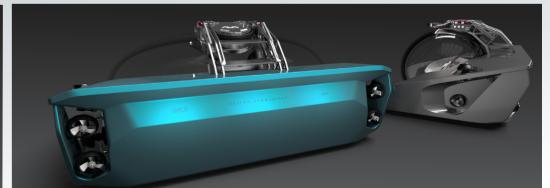












THE EVOLUTION OF ACRYLIC

As demand for higher-capacity submersibles grew in the 2010's, manufacturers faced a new challenge: how to increase capacity without exceeding the modest available footprint of a typical host platform.

Triton were first to announce the concept for a dualhulled submersible featuring two linked spheres. The arrangement is replicated within the industry but the inherent limitations of the geometry were immediately obvious in the resulting products.

Complaints from frustrated passengers about compromised visibility, uncomfortable access through crawl spaces and underwhelming experiences were acknowledged, and Triton shelved its plans for dualsphere submersibles.

Instead, we embarked upon a significant Research & Development program with the ambition of redefining the fundamental geometry of modern submersibles.

Built upon a decade's experience pushing the boundaries of acrylic, AVA is the result. Advanced Versatile Acrylics is the next giant leap in acrylic submersible hull design allowing for the freeform acrylic geometry to be sculpted around the passenger experience.

The TRITON 660/9 AVA is the first to feature the patented technology with the first unit already in production. The technology will, quite literally, change the shape of high-capacity submersibles forever.





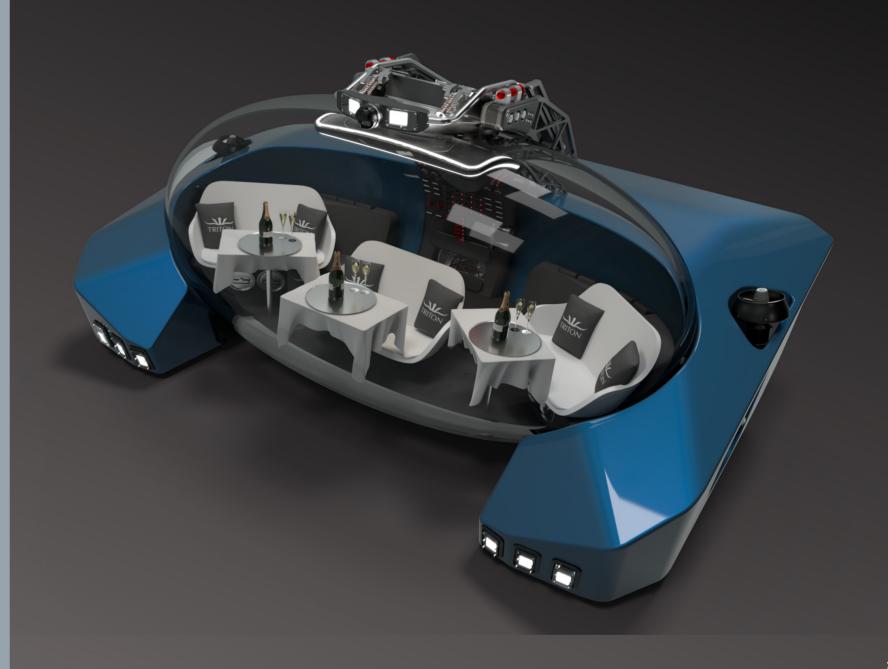
ADVANCED VERSATILE ACRYLICS



The result of years of a significant R&D effort on behalf of Triton and our

Breaking the constraints of the sphere roomy interiors, walkable access-ways engage directly and curate a seamless

submersible design. The TRITON 660/9



TRITON DEEPVIEW

HIGH-THROUGHPUT OPERATIONS

The TRITON DeepView series of submersibles has been designed with the needs of commercial operators in mind. With a TRITON DeepView submarine, cruise lines and tourist operators can provide clients with an unforgettable adventure in a cost-efficient and easily maintained package.

TRITON DeepView submersibles offer customers exceptional viewing through industry-leading, optically-perfect acrylic. The interior environment is quiet and comfortable, contributing to the once-in-a-lifetime experience.

Operators benefit from the assurance of Triton's track record for reliability, uptime and global support. With the ability for the submersible to remain in-water for months, even years, on end, the cost of scheduled, reactive and proactive maintenance has been minimized.

The modular design allows capacities of 6, 12, 24, 36, 48 or 66 passengers. Details for a specific design can be provided upon request.

Commercial operator Vingroup is currently utilizing their 24-passenger DeepView to provide passenger dives in the beautiful waters off of Hon Tre Island in the South China Sea.

DEEPVIEW















TRITON 1650/7 CONFIGURABLE

FOUR TO SEVEN SEAT CONFIGURABILITY

In seven-seat mode, the submersible is ideally suited to high-end experiential travel companies offering submersible tours as either an integral part of, or an additional activity to, itineraries in exclusive or remote locations. Six guests can enjoy viewing penguins the icy waters of Antarctica or the majesty of a thriving reef.

For an even more luxuriously appointed interior, it may be fitted with just four seats, offering a level of personal space simply unheard of in this class of submersible.

In four-seat mode, companies can offer an exclusive experience to an entire family.

With the additional space, it is the most

luxurious way to spend several hours beneath the waves exploring everything from historic wrecks to newly built man-made diving parks.

It is equally suited to private owners who wish to share their dives with their families or a group of friends.











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TRITON 3300/6

SALON UNDER THE SEA

The TRITON 3300/6 builds on the venerable TRITON 3300/3 design. Accordingly, it offers passengers a spacious and luxurious environment in which to spend up to ten hours exploring the ocean; a salon under the sea.

The TRITON 3300/6 has been designed for launch and recovery using standard tender davits found in yacht garages.

The generous internal volume provides ample leg, head and elbow room for all six passengers, equipment, refreshments and more.

The exceptional, optically-perfect acrylic hull and staggered seating arrangements affords everyone an uninterrupted upward, forward and downward view of the fabulous majesty of the ocean.

For the ultimate luxury, the TRITON 3300/6 cabin can be configured to seat four.









WHY CHOOSE TRITON?

THE DEEP OCEAN IS NO PLACE FOR COMPROMISE

Triton submersibles are designed, tested and certified to the most rigorous safety standards.

They are built from the finest materials and our clients enjoy after-sales service and technical support from the world's most experienced operations team.

With more than 400 years of collective experience, the team at Triton is the most knowledgeable civil submersible experts in the world, wholly committed to producing the best deep-diving submersibles on the planet.

Triton has such confidence that their clients would recommend them, that they will gladly provide prospective clients with the contact details for the Owner's Representative of every submersible to earn the Triton badge.





DEEPEST DIVE IN HISTORY

10.928 meters April 28, 2019



DEEPEST SALVAGE MISSION

Scientific Lander Recovery 10.927 meters



DEEPEST DIVE IN SOUTHERN OCEAN

7.433 meters February 4, 2019



DEEPEST DIVING AMFRICAN

Victor Vescovo 10.928 meters



DEEPEST DIVE IN ATLANTIC OCEAN

8.376 meters Dec. 19, 2018



DEEPEST DIVE IN INDIAN OCEAN

7.192 meters April 5, 2019



DEEPEST CERTIFIED SUBMERSIBLE

DNV-GL "Unlimited Depth" May 5, 2019



MOST DIVES TO FULL OCEAN DEPTH

Twenty dives (and counting)



DEEPEST DIVING CANADIAN

Patrick Lahey 10.927 meters



DEEPEST DIVING ENGLISHMAN

John Ramsay 10.927 meters



DEEPEST DIVING GERMAN

Jonathan Struwe 10.927 meters



DEEPEST DIVING SCOTSMAN





DEEPEST DIVING AUSTRALIAN

Tim MacDonald 10.925 meters



DEEPEST DIVING **NEW ZEALANDER**

Rob McCallum 10.925 meters



DEEPEST DIVING FILIPINO

> Dr. Deo Onda 10.045 meters



DEEPEST DIVING SPANIARD

Hector Salvador 10.706 meters



DEEPEST DIVING HEAD OF STATE

HRH Prince Albert II 5.109 meters

THE ULTIMATE VALIDATION

Whether you wish to explore the relative shallows of a coral reef, or dive two miles to see Titanic, with a Triton submersible you can rest assured that it was designed, built and engineered by the only submersible team to have conquered Full Ocean Depth multiple times.

INFORMATION

ABOUT TRITON

Triton ignited the personal submersible revolution in 2008 with the TRITON 1000/2 and, two years later, became the de-facto choice for professionals with the now industry-benchmark TRITON 3300/3.

In 2016 Triton revolutionized yacht-based exploration with the Low Profile TRITON 1650/3 and went on to redefine subsea luxury with Project Neptune, a collaboration with Aston Martin.

In 2019, Triton delivered the world's first commercially certified, Full Ocean Depthcapable submersible and broke multiple records during the Five Deeps Expedition.

Today, with more than 400 years of collective experience, Triton remains committed to producing the world's finest submersibles.

KEY FACTS & FIGURES

SUBMERSIBLES DELIVERED

Every submersible Triton has built and delivered remains in active service and certified to their original diving depths.

DEPTHS ACHIEVED

Triton has delivered submersibles rated to 1,000 ft / 300 m; submersibles rated to 1,640 ft / 500 m; eleven submersibles to 3,300 ft / 1,000 m; a submersible rated to 7,500 ft / 2,300 m; and the only submersible capable of full ocean depth (36,000 ft / 11,000 m) - the world's first submersible certified to "unlimited depth".

CERTIFICATION

Every Triton submersible has been designed and engineered with Certification frontof-mind. Triton have never, and will never, deliver a submersible without certification.

RECORDS & ACHIEVEMENTS

Triton submersibles have afforded their clients the following world records:

- Deepest dive in Atlantic Ocean
- Deepest dive in Southern Ocean
- Deepest dive in Indian Ocean
- Deepest dive in Pacific Ocean
- Deepest dive in Arctic Ocean
- Most dives to Full Ocean Depth
- First to dive Sirena Deep
- First to dive Molloy Deep
- First underwater live news broadcast
- Deepest marine recovery operation
- First to document the Giant Squid
- First manned dive to Titanic in 14 years
- First "Unlimited Depth" certified submersible

Triton are immensely proud of their clients and the accomplishments that they have helped them achieve. Their success is Triton's reputation.

PARTNERSHIPS

Triton is privileged to work with and support their friends and partners at:

- Allen Exploration
- American Museum of Natural History
- Atlantic Productions
- BBC
- Discovery Channel
- Five Deeps Expedition
- National Geographic
- Nekton Foundation
- NHK
- OceanX
- Omega
- REV Ocean
- U-Group

RELATIONSHIPS

Triton endeavors to build their clients the very best submersibles they possibly can, and work hard to ensure their clients remain as satisfied today as they were on the day of their first dive.

For these and many other reasons, Triton enjoys the highest levels of customer loyalty in the industry.

No Triton has ever been replaced by a submersible from another manufacturer. Every client procuring their second, or indeed third, submersible has chosen Triton. No Triton owner has ever sought service or upgrades from a third party.

REFERENCES

Every Triton ever commissioned has been completed. Every Triton ever completed has passed certification. Every Triton ever certified has been delivered. Every Triton ever delivered has been to specification and budget. And every single one of them benefits from a truly world-class after-sales service that is without peer.

Triton has such confidence that their clients would recommend them, that they will gladly provide prospective clients with the contact details for the Owner's Representative of **every** submersible to earn the Triton badge.

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CONTACT US

GLOBAL REACH

Triton's manufacturing facility and headquarters are located in Sebastian, Florida (just off Interstate 95). Triton's support facility in Barcelona offers rapid support across Europe, the Middle East and Asia.

HEADQUARTERS

Triton Submarines LLC 10055 102nd Terrace Sebastian Florida 32958 USA

SUBMERSIBLE SUPERCENTER

Triton Submarines EMEA, SL Avda. Cerdanyola 97-101 08173 Sant Cugat del Vallès Barcelona Spain

TRITON MARKETING OFFICE

Edificio F, Office FT103 Passeig Joan de Borbo 92 08039 Barcelona Spain

CONTACT

→ +1 (772) 770-1995 **→** +1 (772) 589-1011

☐ info@tritonsubs.com

CONTACT

J+34 937 034 470

CRAIG BARNETT
DIRECTOR OF SALES & MARKETING

2+1 (310) 261-4691

CONTACT

2+34 (669) 993-583

SOCIAL

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TRITONSUBS.COM

HEATHER HAUSWIRTH
DIRECTOR OF SALES & MARKETING, USA



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