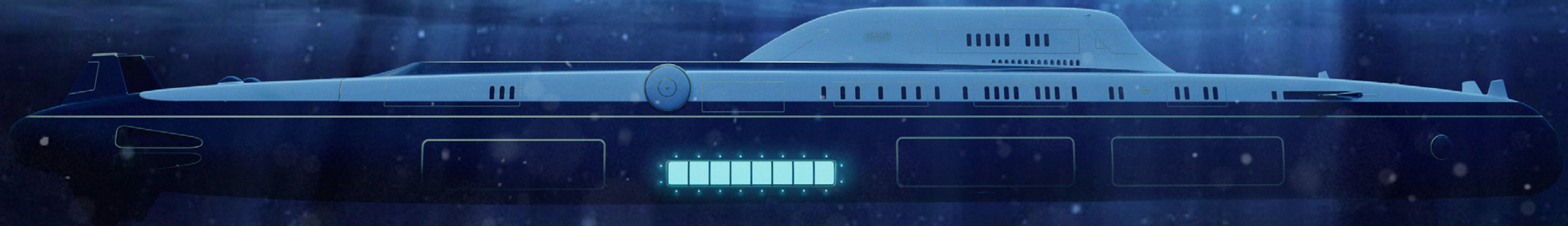




MIGALOO
PRIVATE SUBMERSIBLE YACHTS



Owners Executive Summary

Confidential - all rights by MIGALOO / Christian Gumpold





DI (FH) CHRISTIAN GUMPOLD, MA



Hailing from Austria, Europe, Christian Gumpold is a visionary in the field of yacht design and innovation.

After his studies in Industrial Design and Innovation Management in Graz, Austria, he founded a yacht design studio, where he gained extensive expertise in numerous yacht projects from tender designs over production yacht design up to custom superyacht design.

As a true innovator in the industry, Christian is dedicated to pushing the boundaries of yachting, striving to design extraordinary products and deliver unparalleled experiences for superyacht owners.

He serves as the CEO and lead designer of [MIGALOO Private Submersible Superyachts](#). MIGALOO is redefining the future of yachting by introducing a revolutionary third category of yacht: superyacht-sized private submarines. The design proposal and owners inspiration of a [165-meter Private Submersible Superyacht](#) offers an unparalleled alternative to traditional motor yachts and sailing yachts.

The core benefits of a submersible superyacht are unparalleled privacy and safety for the owner and guests, thrill and exploration, modern technology and ultimate individualization.

Migaloo is setting a new benchmark for the evolution of the yachting industry.

In addition, Christian is an specialist on the following [topics](#): AI in the yachting industry, trends in the yachting industry, business model development, innovation management, innovation strategy and innovation processes.

He is a carismatic and well prepared keynote speaker and lecturer.

Credo: “They did not know it was impossible so they did it”

Mark Twain



MIGALOOs VISION: DESIGNING THE FUTURE



Expect the unexpected

MIGALOOs vision is to develop the most innovative designs above and below the waterline -
for the most visionary Owner



“We believe that Submersible Superyachts are the future of yachting.”

Christian Gumpold, CEO MIGALOO



INSIGHT: THE FUTURE OF THE YACHTING INDUSTRY

Current trends in the Yachting Industry:



We believe motor yachts and sailing yachts cannot fully satisfy owners' rising demands.

We believe the yachting industry needs an (r)evolutionary innovation for their products (yachts).

We believe submersible superyachts will offer high (business) potentials for all parties - owner, designer, builder, supplier, broker, captain & crew,...

We believe in submersible superyachts as a new category of vessels to choose from, in addition to motor yachts and sailing yachts.



CONCEPT OF MIGALOO SUBMERSIBLE SUPERYACHTS

A hybrid vessel combining the advantages from two modern, existing ship types: superyachts and submarines.

Benefits of a superyacht:

- Size and space
- Amenities and features
- Design, Status, Prestige
- Proven technology

Benefits of a submarine:

- Diving ability
- Privacy and security
- Exploration, R&D, go-anywhere ability
- Calm cruising in rough seas
- Proven technology



Combined benefits of a superyacht-submarine hybrid

- Size and space
- Amenities and features
- Design, Status, Prestige
- Proven technology
- Diving ability
- Privacy and security
- Exploration, R&D, go-anywhere ability
- Calm cruising in rough seas

MIGALOO PRIVATE SUBMERSIBLE YACHTS is the only company worldwide designing superyacht-submarine hybrids including state-of-the art superyacht standards.

Development according to MAYA-formula: MOST ADVANCED - YET ACCCEPTABLE



OWNERS' VALUE PROPOSITION



Self-Transcendence

Expand and evaporate personal boundaries



Lifestyle



Excellence



Sustainability



Legacy



Design



Experiences

Outer Values

Inner Values

Core Value

Inner Values

Outer Values



Safety

Owners' focus: Privacy and Protection



Thrill

Owners' focus: Exploration, Expedition and R&D



Exclusivity

Owners' focus: Innovation, Individualisation and Features



INITIAL DESIGN: MIGALOO M5: 165M Private Submersible Superyacht





MIGALOO M5: 165M Private Submersible Superyacht

Length overall: 165.8 m
Beam: 23.0 m
Draft: 8.6 m
Range: approx. 15.000 km
Submerged endurance: approx. 4 weeks
Depth: approx. 250 m

Owner & Guests: e.g. 14-20, acc. to the Owners preferences

Crew & Staff: e.g. 32-40

Shipyard, Construction & Interior Outfitting: acc. to Owners preferences

Owners Representative: MIGALOO

Management: MIGALOO

Exterior Styling & Interior Design: MIGALOO or up to the Owners preferences

Classification: e.g. DNV / GL Passenger Yacht Code or equivalent

Safety Features (several examples - no claim to completeness):
Design, Construction and Operation according to US SUBSAFE and according to the chosen classification society's (e.g. DNV / GL) standards
Double Hull Construction with several Pressure Hulls
2 Midget Submarines - accessible from the Main Pressure Hull
Bow and Stern Emergency Locks
Bow and Stern Emergency Indicator Buoy
Redundancy of all relevant systems
Personal Safety Equipment for Guests and Crew such as Submarine Escape Immersion Equipment (SEIE)

Aft Deck Helipad (D-Value 13 m) and Helicopter Hangar in dedicated Pressure Hull

Power train: Diesel Electric & AIP

Speed: 20 knots surfaced, 12 knots submerged

Surface Tender:

e.g. 12.5 m Custom Compass Enclosed Limousine Tender, e.g. 10.5 m Compass Beach Landing Craft, e.g. 6.8 m Pascoe Jet Drive RHIB Work Tender

Submarine Tender & Underwater Exploration:

2 Custom Midget-Submarines (MIGALOO LST - Limo Sub Tender and/or Exploration Sub Tender, length: 17 m), 2 Submersibles, several ROVs and UUVs

Air Tender:

1x Helicopter (e.g Bell 407 or Bell 429), Drones, Hot-Air Balloon

Land Tender:

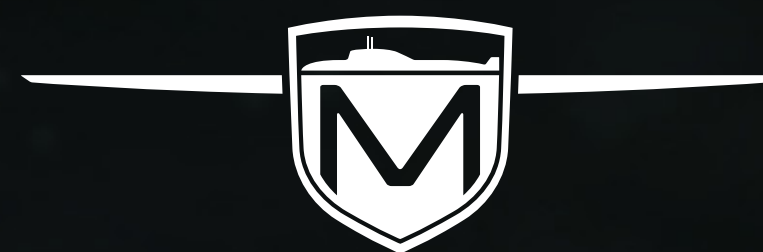
2x Expedition Vehicles or SUVs or Trucks/Pick-Up

Water Sports & Activities:

3 x Sea-Doo GTX LTD 300 Jet-Ski, 2 x Sea-Doo GTX LTD 260 Jet-Ski, 4 x F5S Seabobs, Zapata-Racing Legend Flyboard, Zapata-Racing Hoverboard, Kayaks, Stand-up Paddleboards, Selection of Kite-surfing Equipment, Selection of Diving Equipment, Wakesurfing Equipment, Waterskiing Equipment, Large Selection of Towing Inflatables, Wetsuits, Protective Equipment, Fishing Equipment, Exploration Equipment, Winter Sports Equipment, Camp Equipment (Tropical and Arctic)

Communications (surfaced): VSAT, GSM Comprehensive Vessel Wide WIFI Network for Internet

Entertainment: Bespoke AV/IT system, Satellite TV, Music Selection, TVs & Interactive Entertainment Walls, Outdoor Cinema, Movie-, Radio Selection and Security System

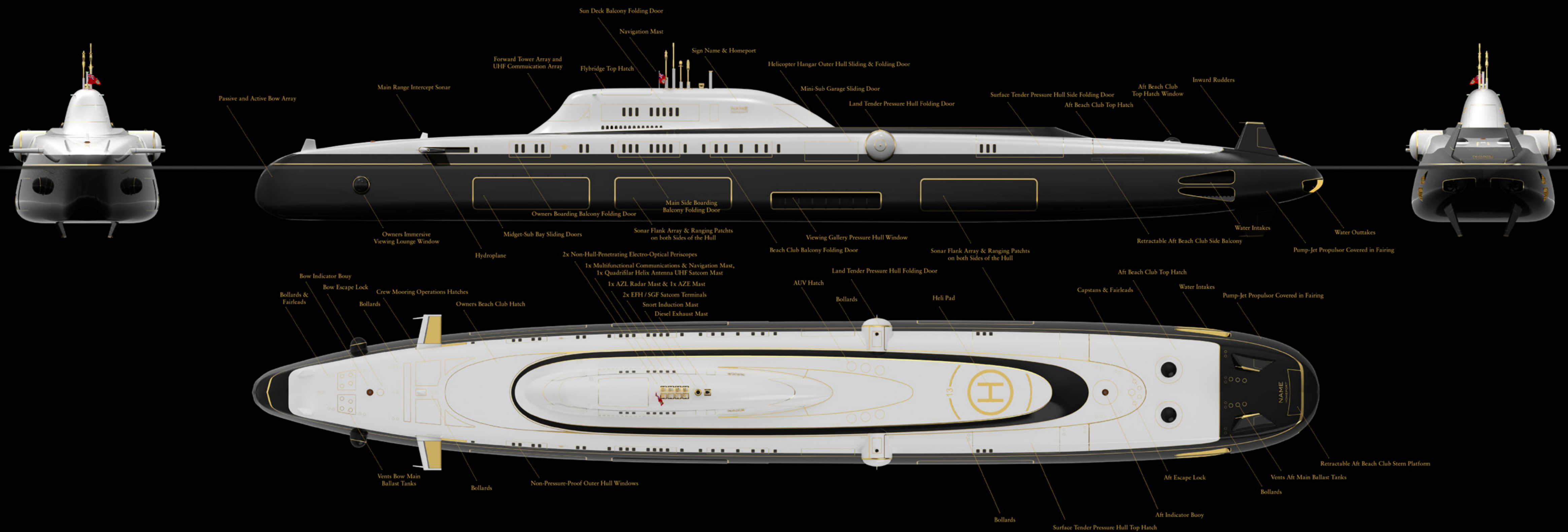


MIGALOO
PRIVATE SUBMERSIBLE YACHTS

[Click here for website](#)

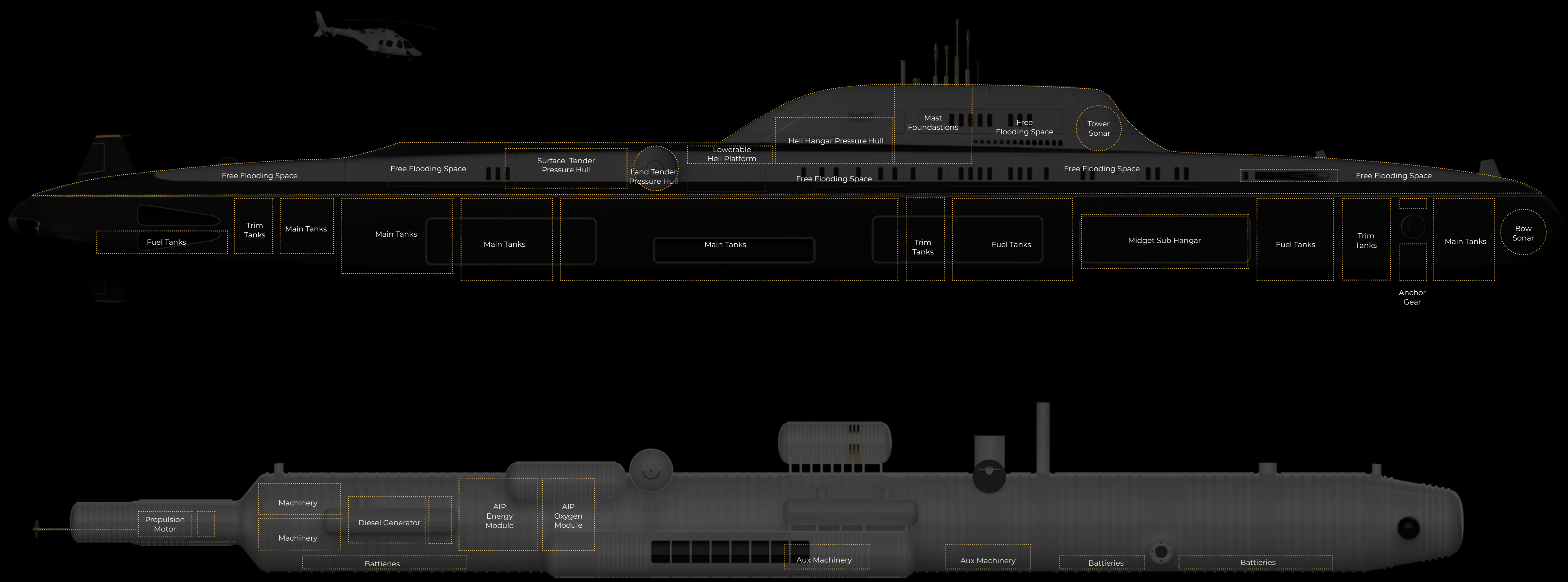


MIGALOO
PRIVATE SUBMERSIBLE YACHTS





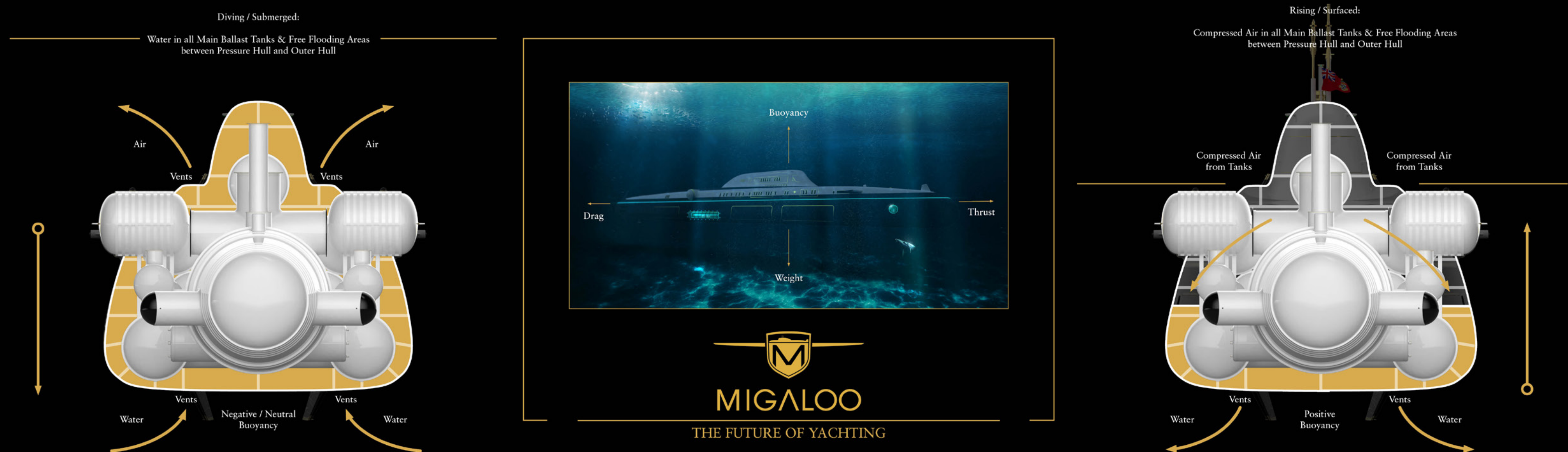
MIGALOO M5: COMPONENT OVERVIEW



(Extremely simplified, no demand for completeness; Positions, sizes and amounts of components for indication purposes only)

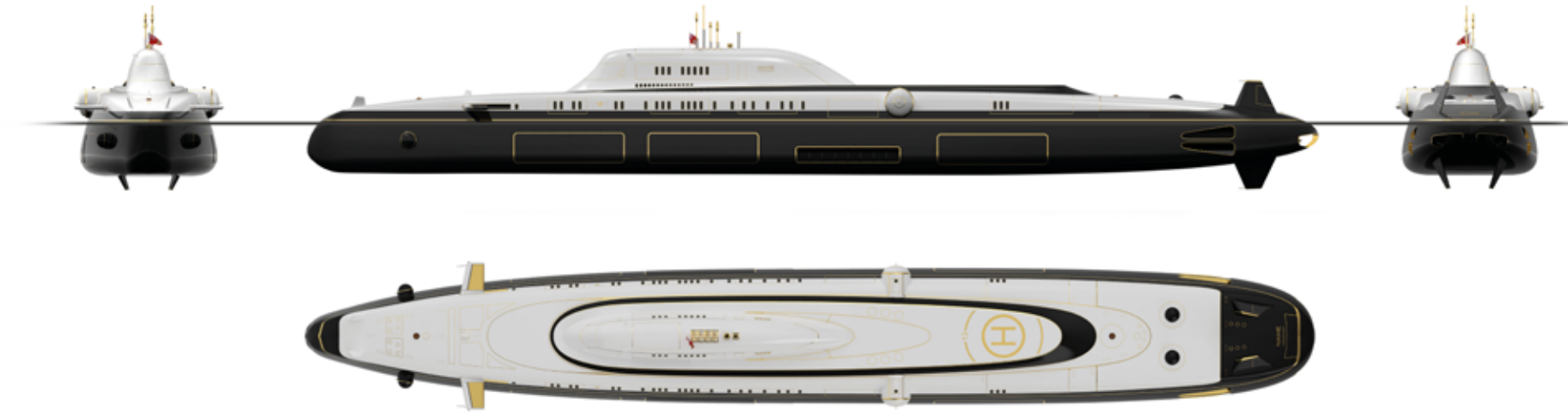


MIGALOO M5: GENERAL SUBMARINE FUNCTIONALITY

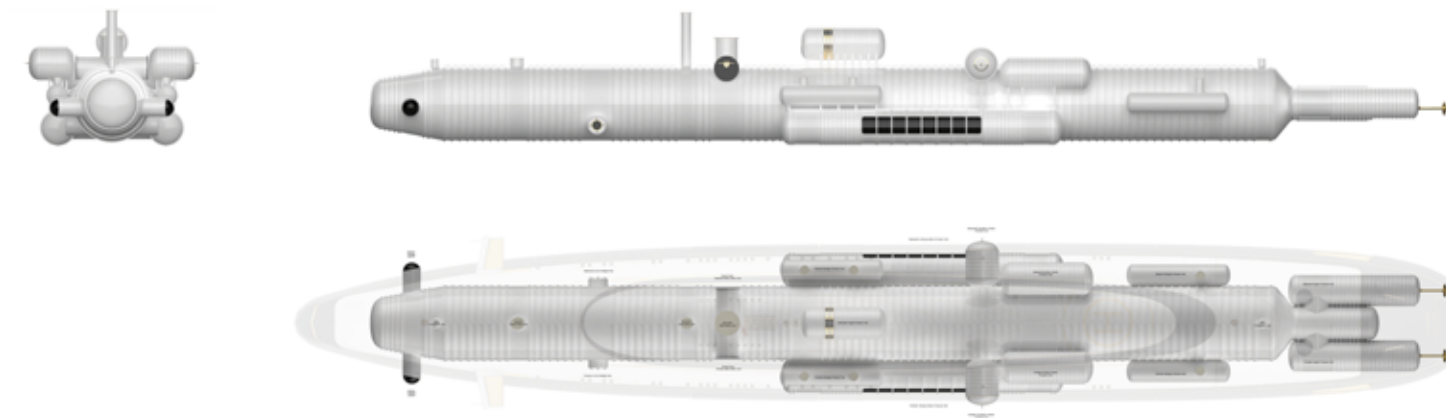


(Extremely simplified, no demand for completeness; Positions, sizes and amounts of components for indication purposes only)

Exterior Views



Pressure Hulls



Fly Deck



Sun Deck



Main Deck



Sub Deck 1



Sub Deck 2



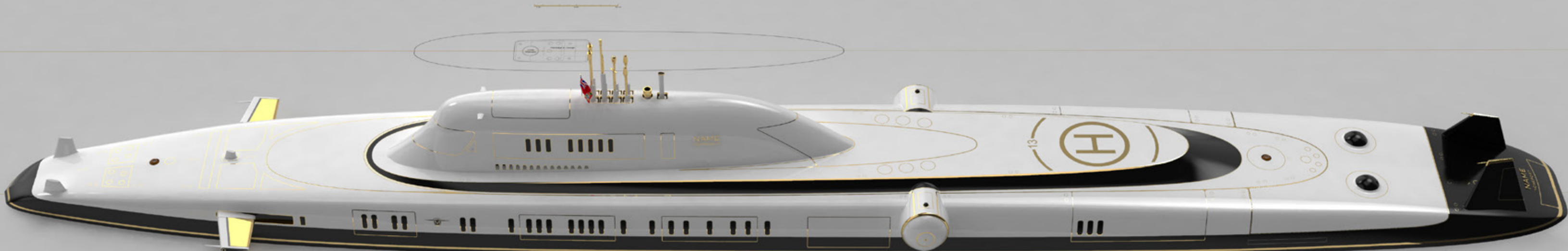
Sub Deck 3



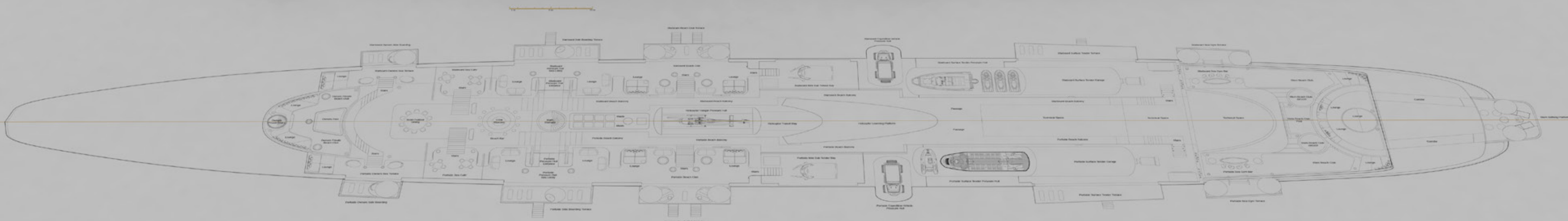
[Click here to download General Arrangement \(GA\)](#)

Fly Deck

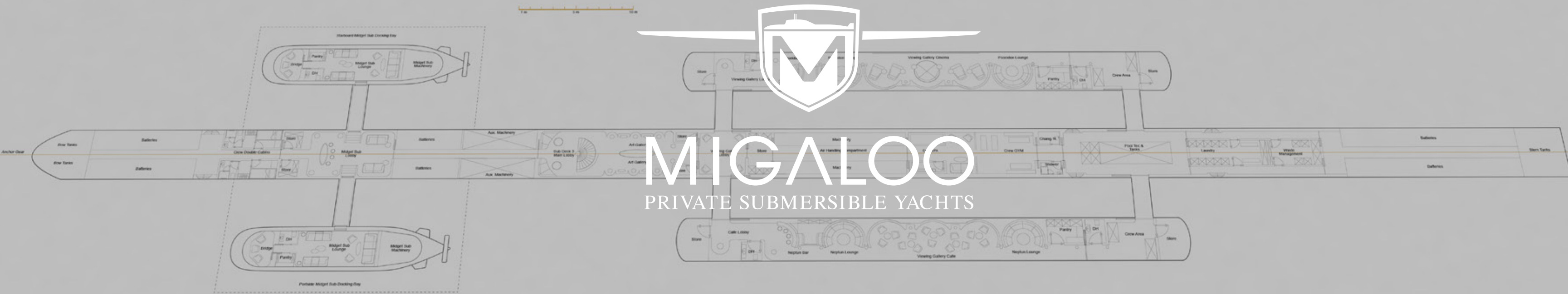
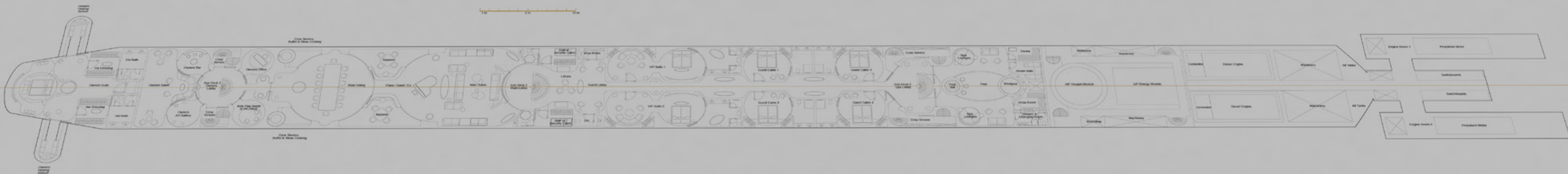
Sun Deck

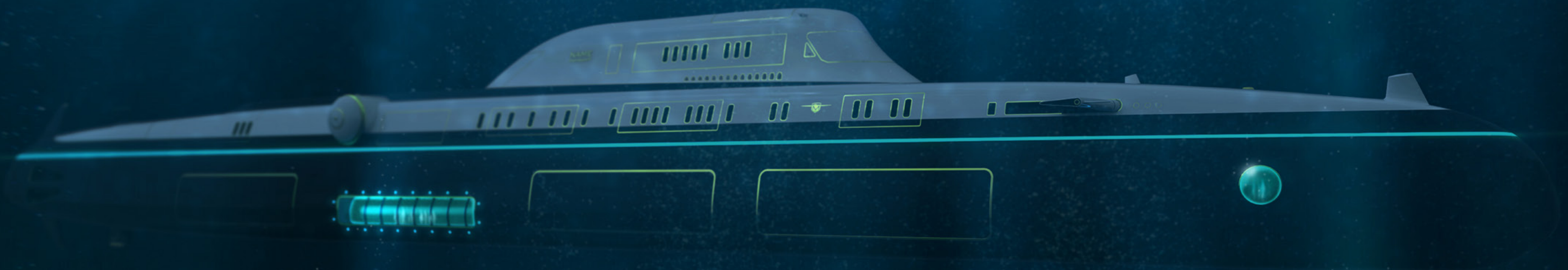


Main Deck



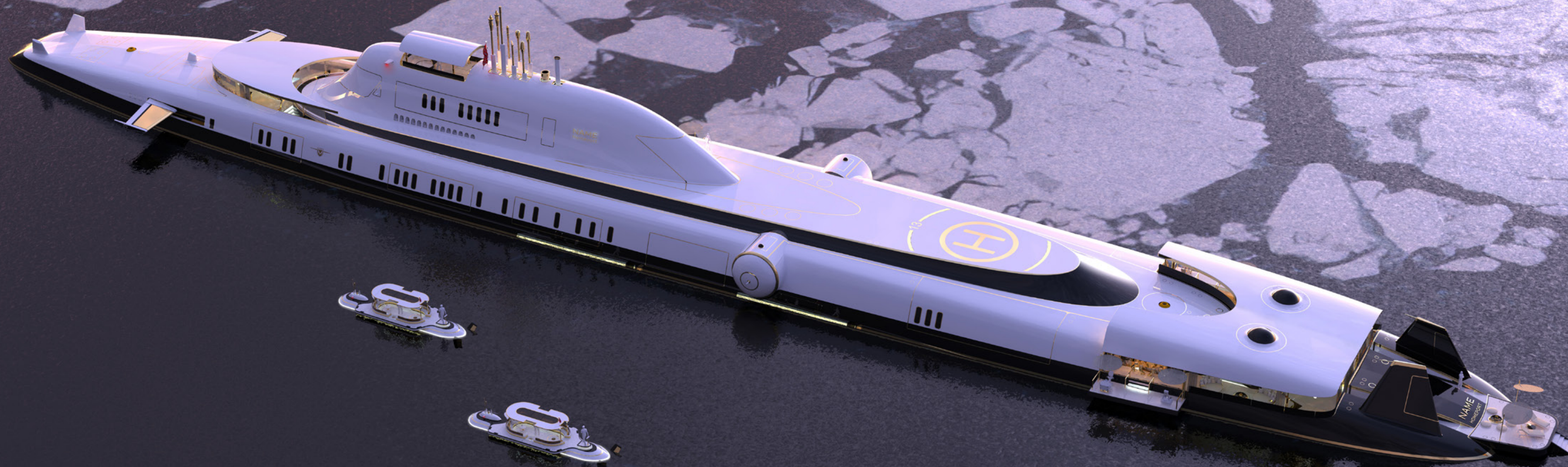
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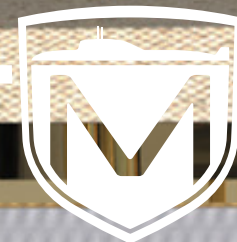
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NAME
Homeport

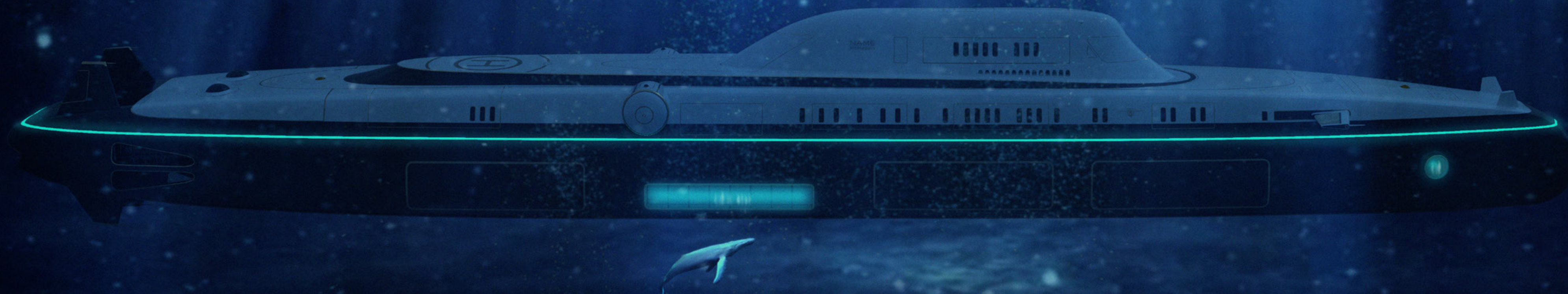


MIGALOO
PRIVATE SUBMERSIBLE YACHTS



MIGALOO
PRIVATE SUBMERSIBLE YACHTS





MIGALOO
PRIVATE SUBMERSIBLE YACHTS

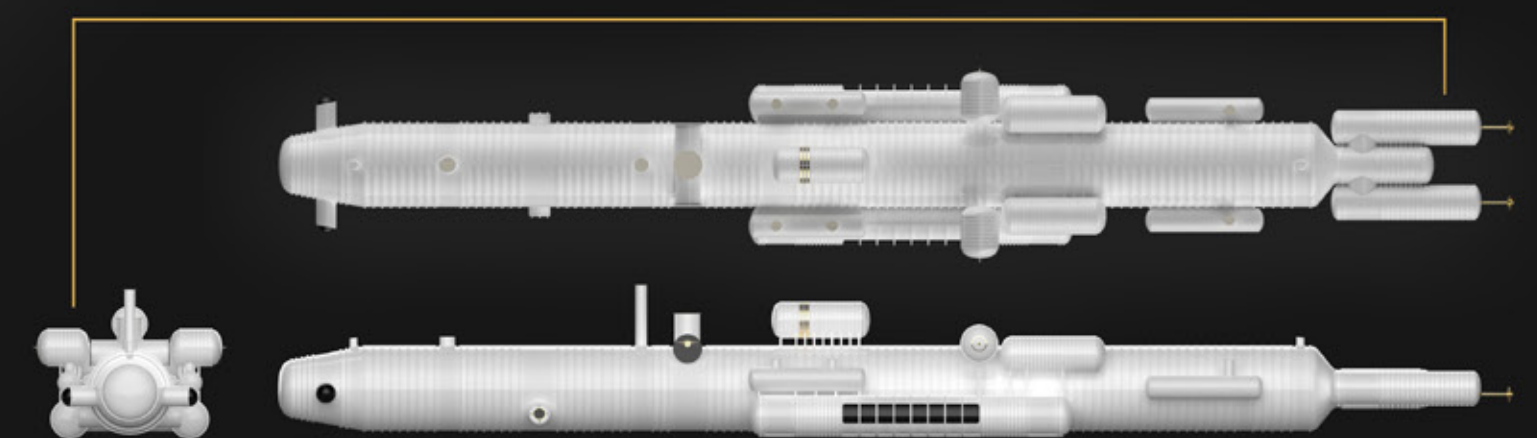
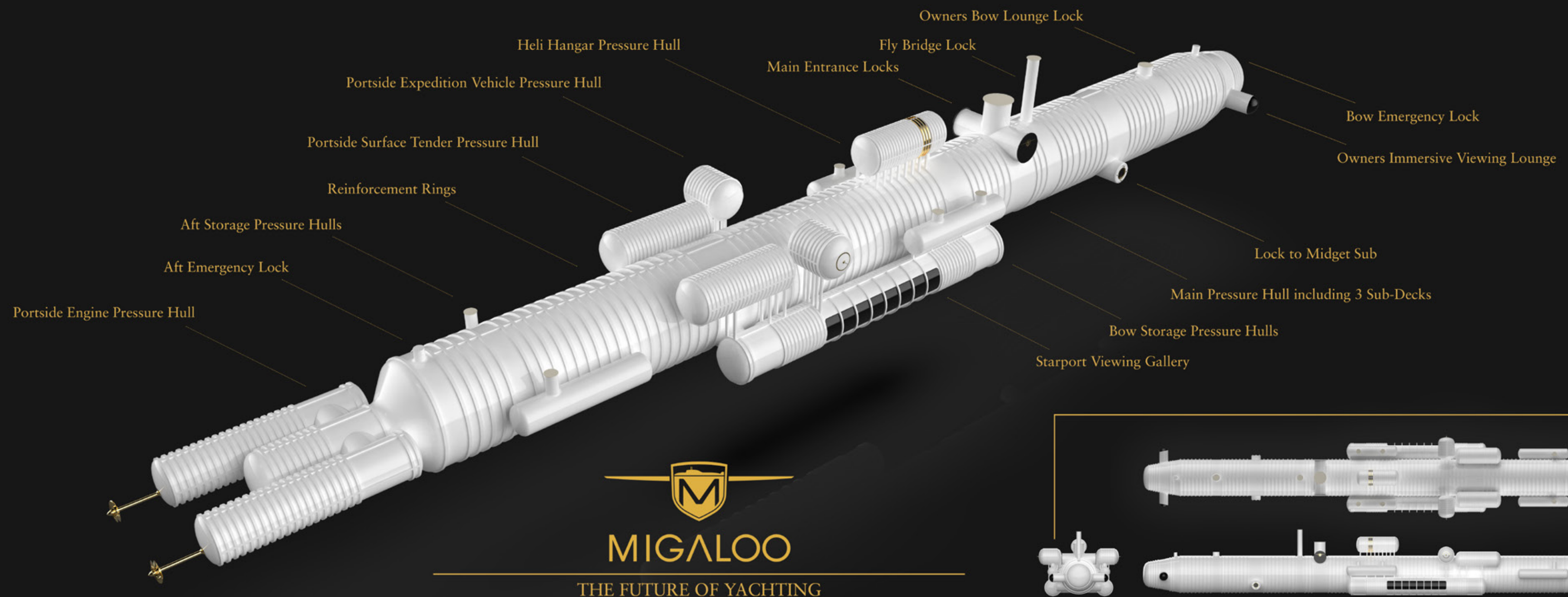




MIGALOO M5: MAIN PRESSURE HULLS

MIGALOO
INNOVATION

Pressure Hulls

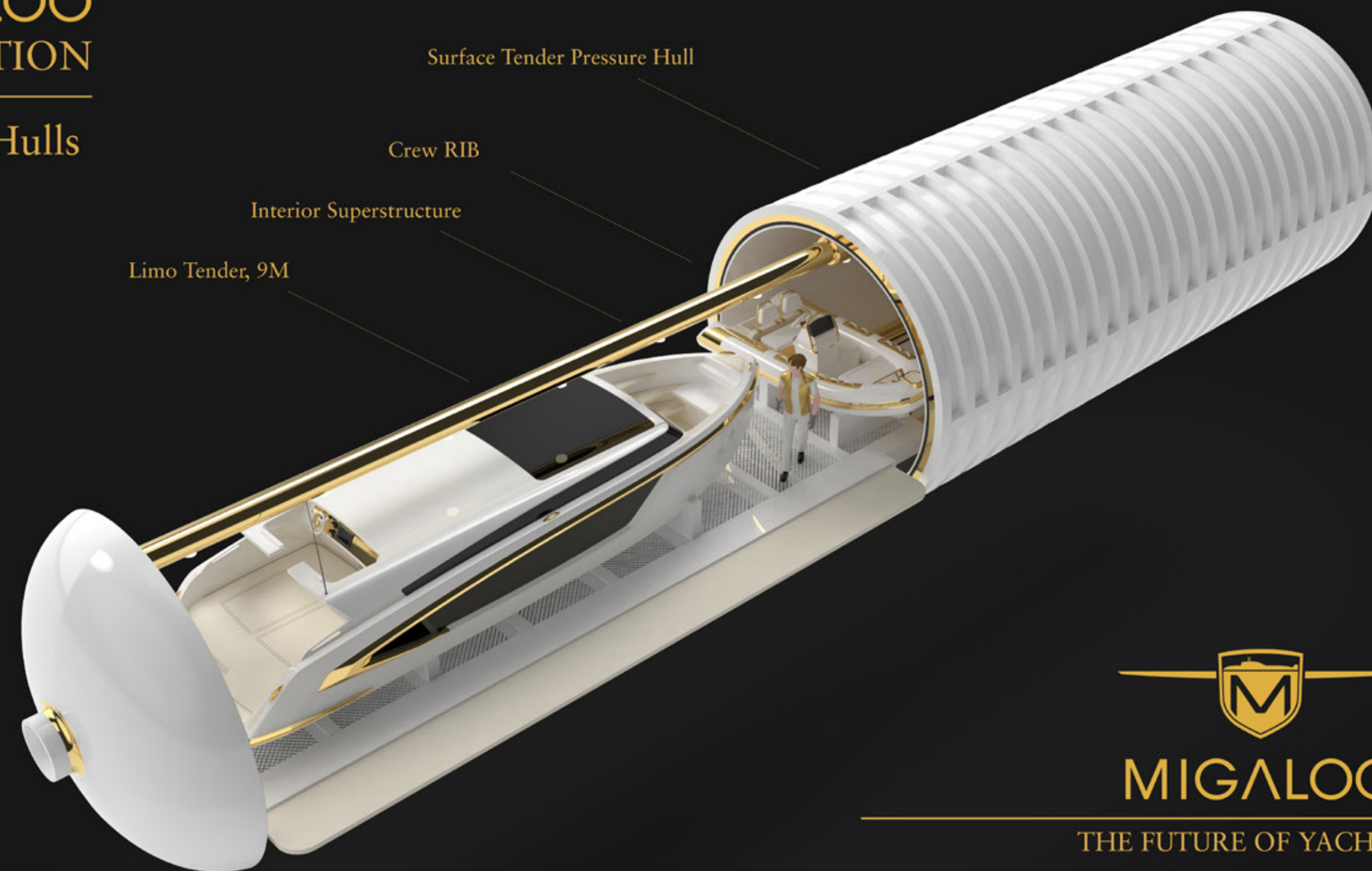




MIGALOO M5: SURFACE TENDER PRESSURE HULLS

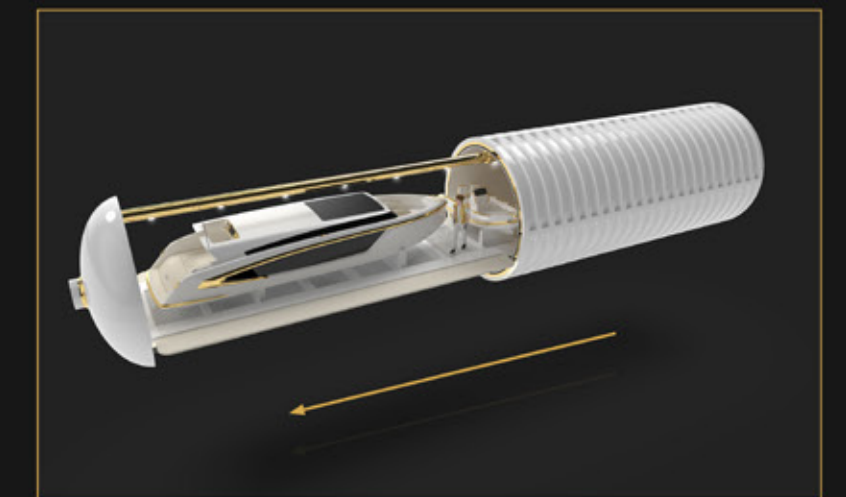
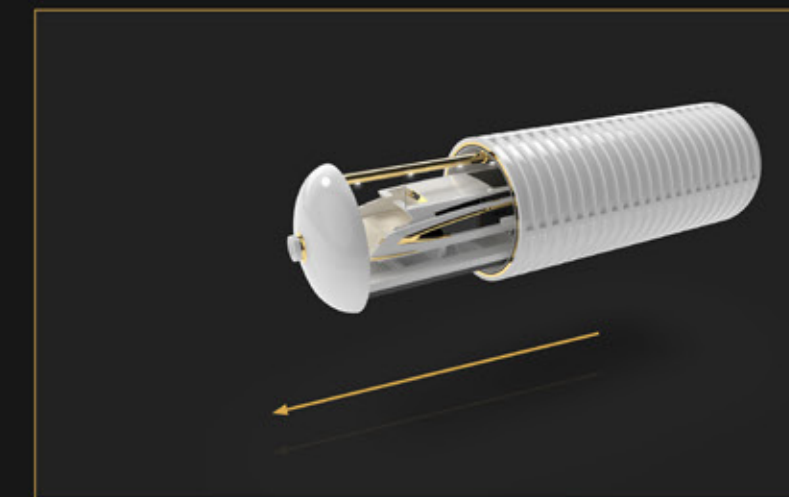
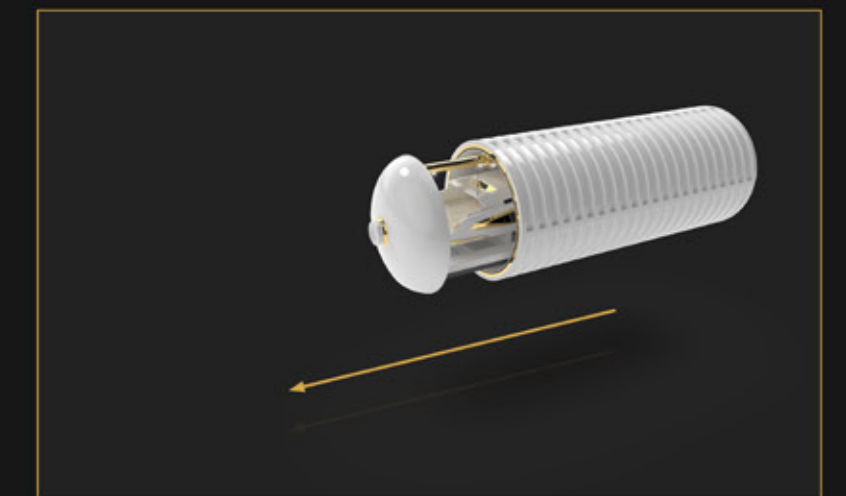
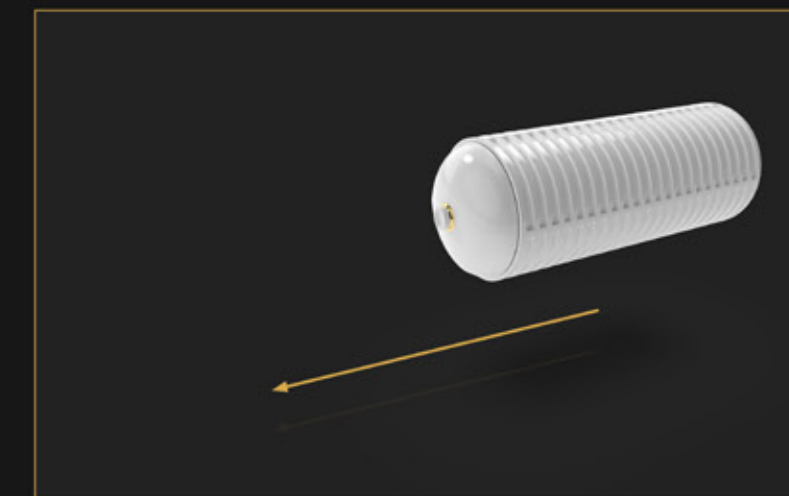
MIGALOO
INNOVATION

Pressure Hulls



MIGALOO

THE FUTURE OF YACHTING





MIGALOO M5: VIEWING GALLERIES

MIGALOO
INNOVATION

Viewing Gallery



MIGALOO

THE FUTURE OF YACHTING

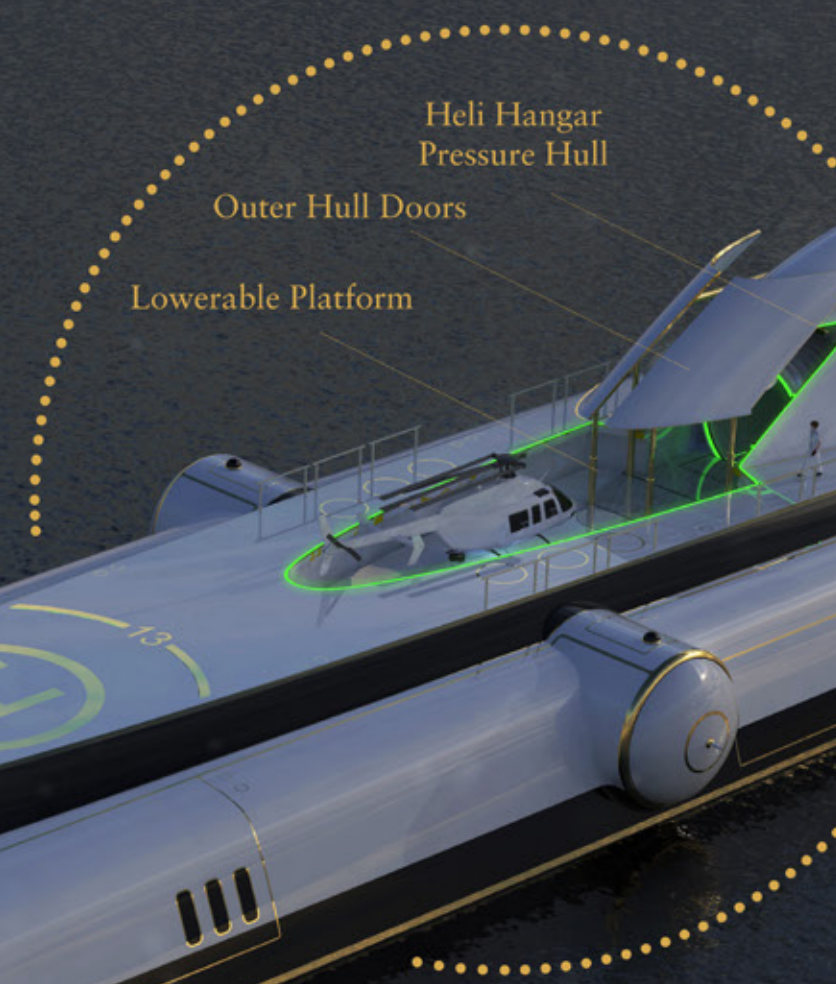




MIGALOO M5: HELI HANGAR PRESSURE HULL

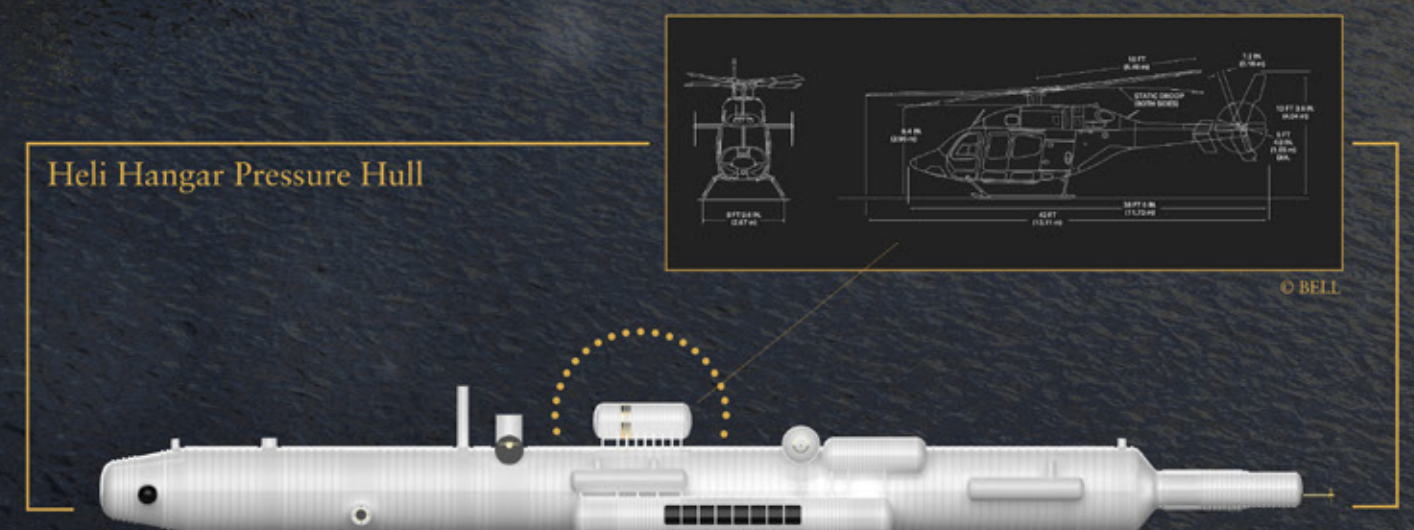
MIGALOO
INNOVATION

Heli Hangar
for Bell
407 or 429



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MIGALOO M5: LIMO SUB TENDER UNDERWATER BOARDING

MIGALOO
INNOVATION

Limo Sub Tender
Submerged Boarding



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THE FUTURE OF YACHTING



MIGALOO M5: SUSTAINABILITY

MIGALOO
INNOVATION

Sustainability
&
Responsibility

2.500 m² total panel area

Flexible panels, rolled up when not in use





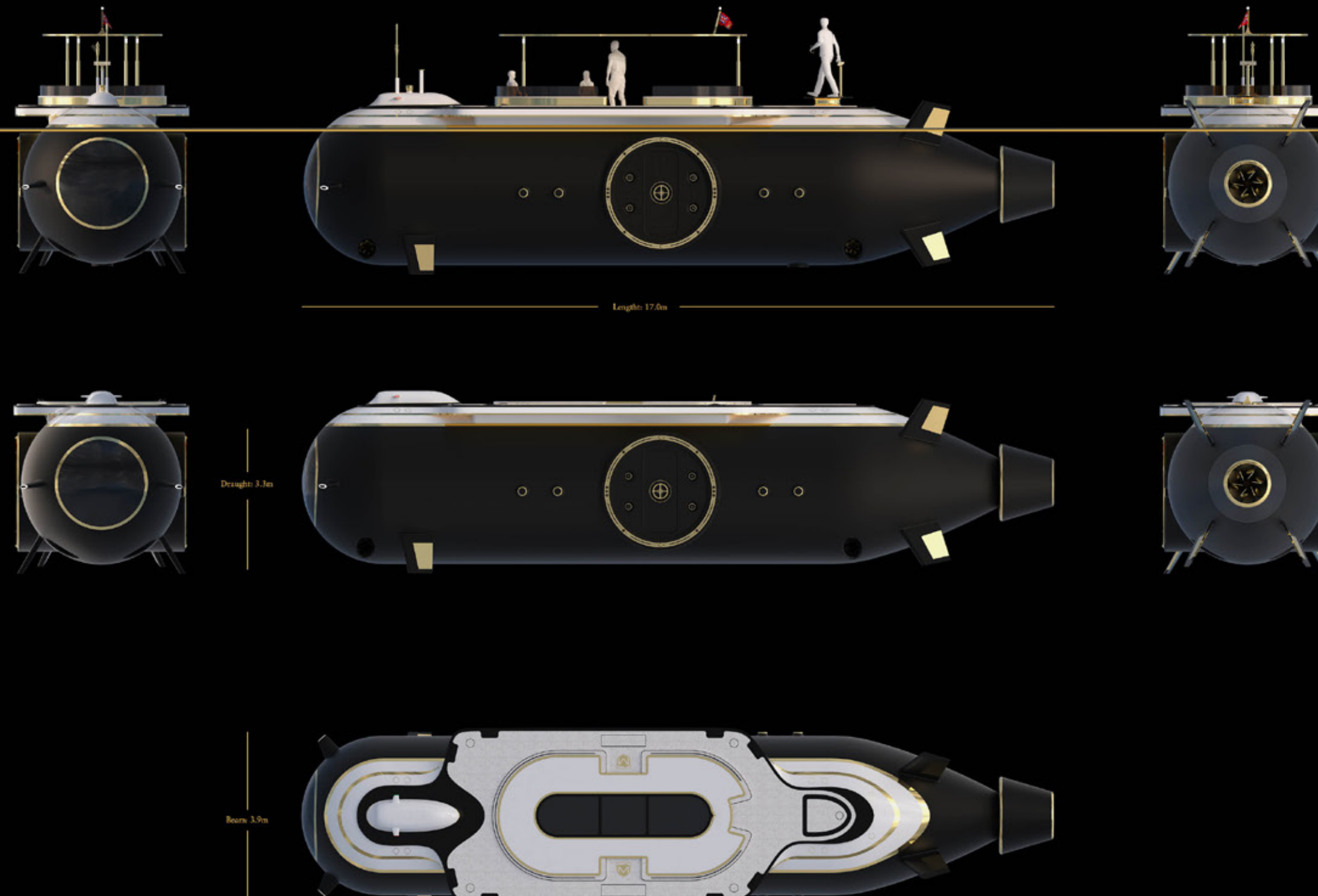
MIGALOO LST - LIMO SUB TENDER





MIGALOO LST - LIMO SUB TENDER

MIGALOO
LIMO SUB TENDER





MIGALOO LST - LIMO SUB TENDER





MIGALOO Private Submersible Fortress - the Future of Protection



SECURITY | HEALTH | PRIVACY | FREEDOM



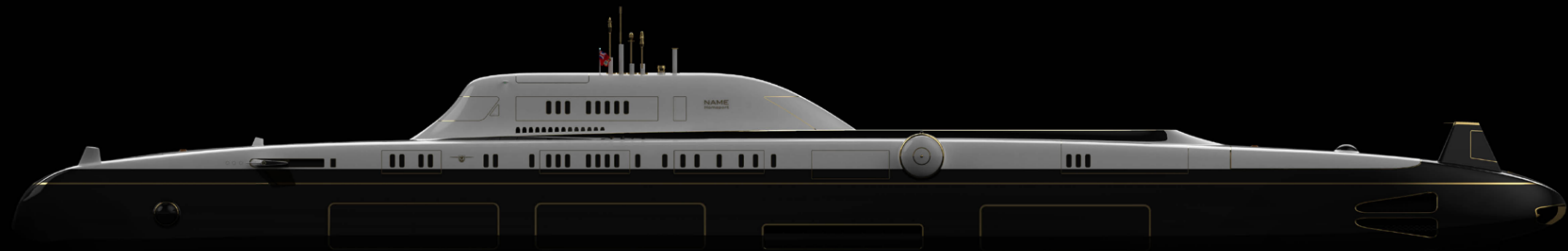
Medical Room by SAFE



Decontamination Room by SAFE



MediSHIELD Suite by SAFE



Uncompromising **Protection** - for the Owners Peace of Mind

Beyond Military - Beyond Bond



Uncompromising **Luxury** - for the Owners Peace of Mind

Beyond Yachting - Beyond Expectation

MIGALOO M5 165M Private Submersible Fortress

The Future of Protection - Below the Waterline



*"MIGALOO Private Submersible Superyachts offer unparalleled autonomy, security and self-reliance.
They truly embody the absolute epitome of security and freedom."*

AL V. CORBI
President/Founder



MIGALOO

Private Submersible Fortress

Blast Protection



CBRN Protection



Cyber Crime Protection



Tracking Protection



Piracy Protection



EMP Protection



Solar Flare Protection



Asteroid Protection



Pole Shift Protection



Tsunami Protection



Life and Health Protection

for Safeguarding Most Loved Ones



Asset and Wealth Protection

for Preserving Possibilities and Resources





MIGALOO PROMISES

Holistic services

Exterior and interior design from concept design to detail design up to decoration
Design supervision, design approvals during engineering and building
Owners representative
Operational management
Brokerage
Captain and crew training & management
Business model development (e.g. for B2B-clients), use case development

Holistic feasibility

All technologies for engineering, building and operation are existing, proven & well tested in the military, maritime or yachting industry for decades
- no use of experimental or advanced technologies
Certification and classification according to rules and regulations of established classification societies

Holistic safety (examples)

Design, Construction and Operation according to US SUBSAFE and according to the chosen classification society's (e.g. DNV / GL) standards
Double Hull Construction with several Pressure Hulls
2 Midget Submarines - accessible from the Main Pressure Hull
Bow and Stern Emergency Locks
Bow and Stern Emergency Indicator Buoy
Redundancy of all relevant systems
Personal Safety Equipment for Guests and Crew such as Submarine Escape Immersion Equipment (SEIE)

Holistic Owner understanding

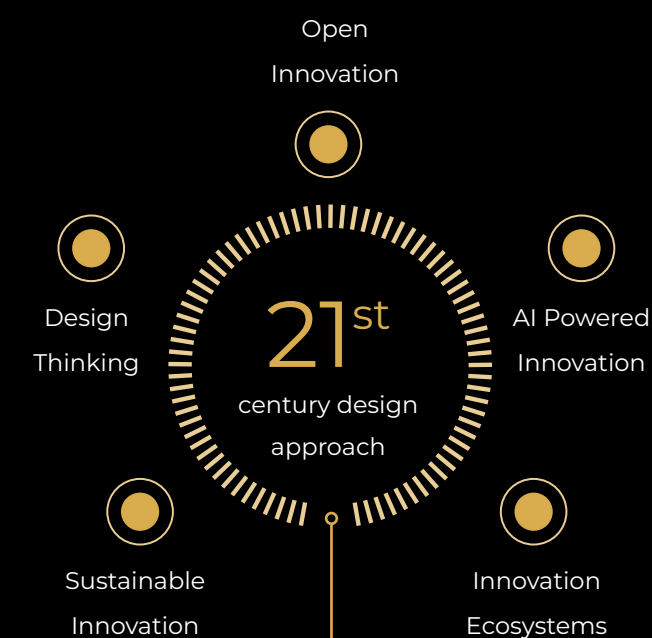
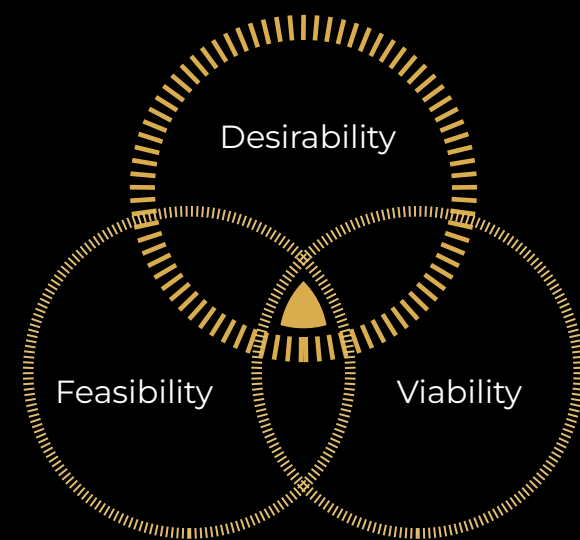
1. UHNWI (ultra-high-net-worth individuals) who are looking for an extraordinary vessel and experience
2. Broker or shipyards which want to enlarge their portfolio and attract new clients
3. Companies which offer new premium services or expand to new market niches with superyacht-submarine hybrids. (Hotels, Cruise lines,...)



DESIGN PHILOSOPHY: OWNER-CENTERED DESIGN

MIGALOOs individual Owner-centered design approach is a methodology that places the Owner at the center of the design process. It seeks to deeply understand the Owners' needs, wishes, behaviours and experiences to create the most effective solutions.

Design Approach



Empowered by:

Modern Innovation Management Methods & Processes

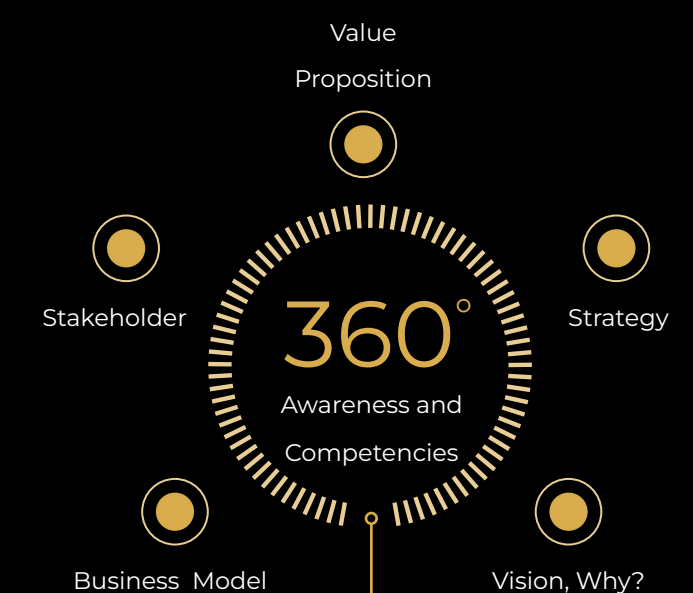
Design Phases

Discover
Define
Develop
Deliver
Evolve



Design Mindset

Diverge
Converge
Diverge
Converge
Diverge

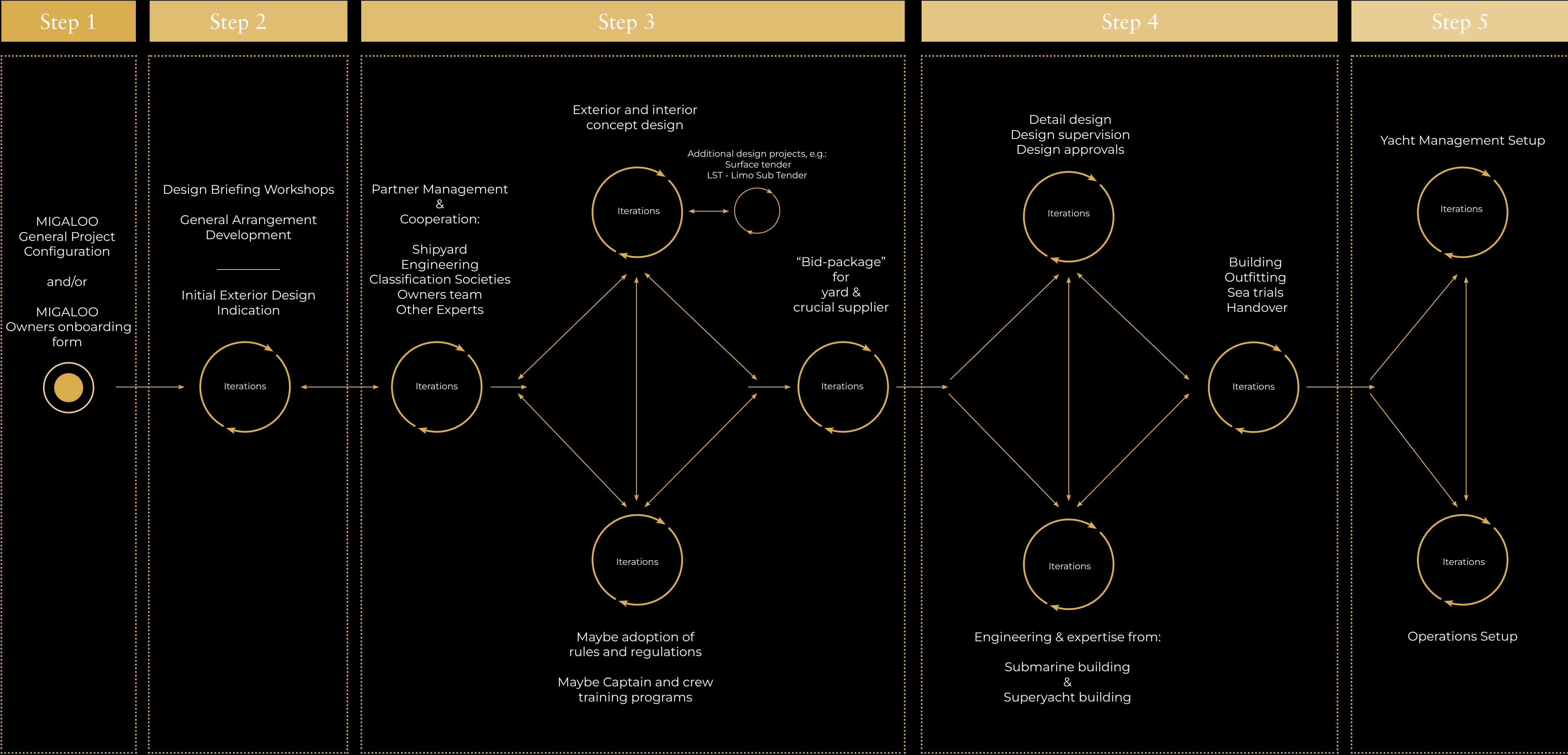


Empowered by:

Empathy, Values, Intelligence, Creativity & Strategy



MIGALOO DESIGN PROCESS OVERVIEW





EFFORTLESS YACHT OWNERSHIP

MIGALOO offers a custom full-service package on every yacht-related topic - for the owners' peace of mind.

Yacht Management



Crew Administration & Training



Owners Representation



Charter Management



Sustainability Management



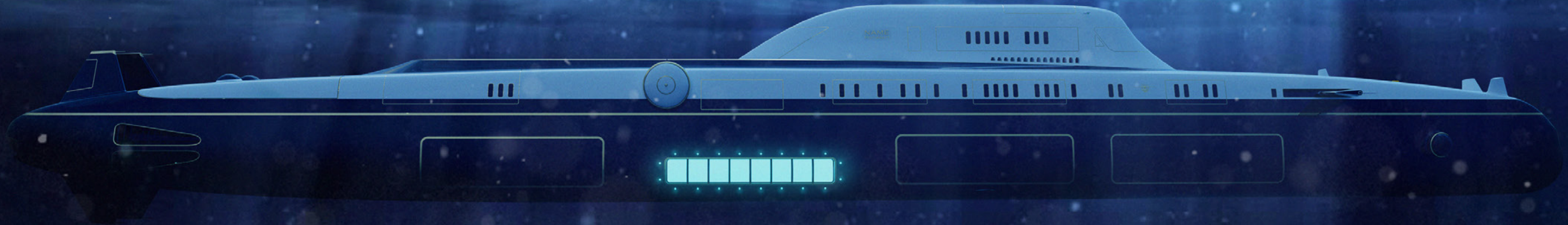
Lifestyle & Experiences





MIGALOO

PRIVATE SUBMERSIBLE YACHTS



MIGALOO PRIVATE SUBMERSIBLE YACHTS

Mantscha 217, 8054 Graz, Austria, Europe

+43 664 53 21 400

office@migaloo-submarines.com

www.migaloo-submarines.com

