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UNDERWATER HOTEL

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**D** **O** **T**  
DEEP OCEAN TECHNOLOGY





# WATER DISCUS

## Underwater Hotel best way to extend and upgrade resorts

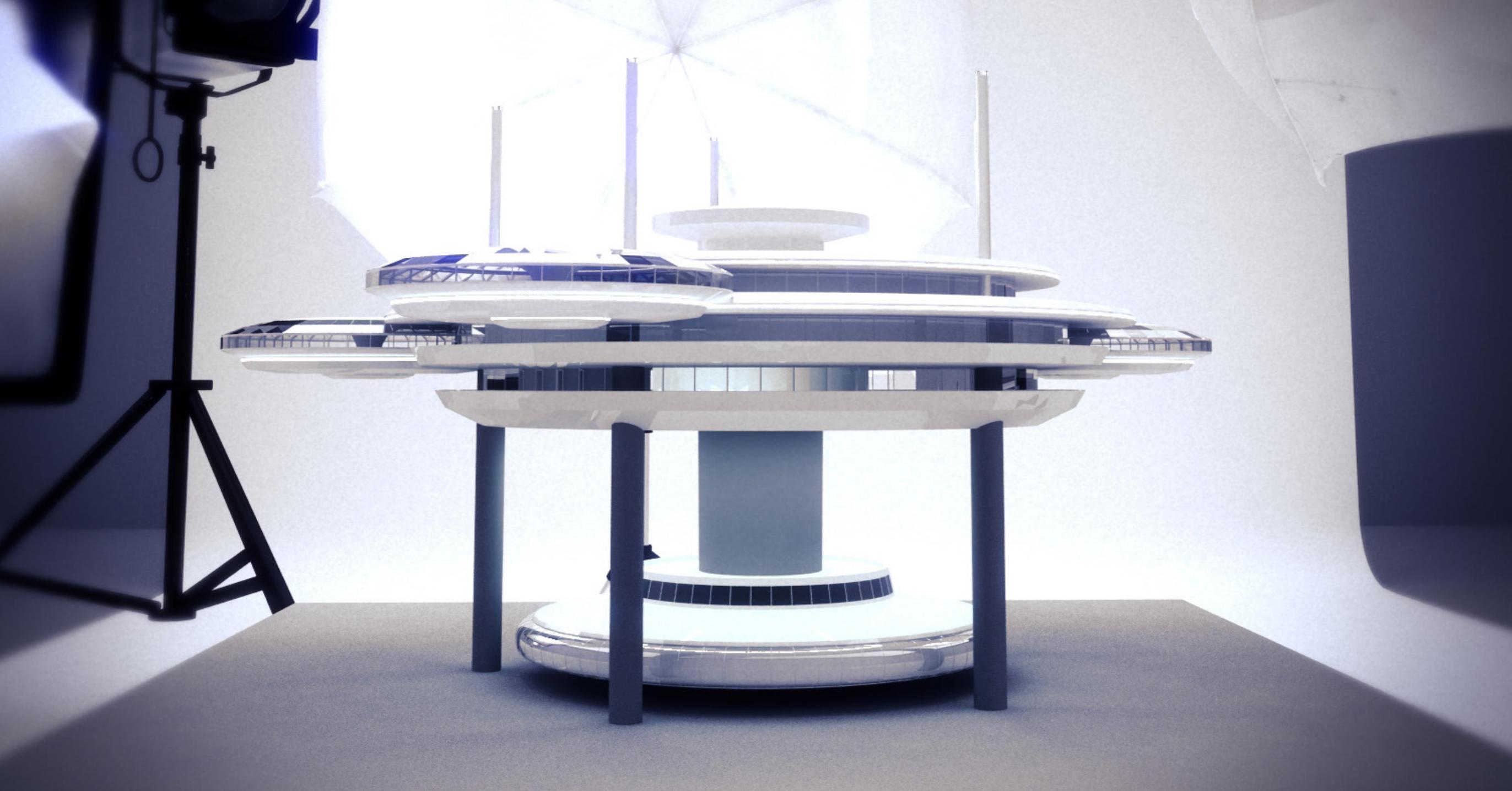
The Water Discus is an oasis of active leisure and extreme marine adventure that consists of two units – an underwater residential disc and an above-water residential-leisure disc. Together, they offer the chance to explore the depths of the ocean surrounding the coral reef and to make the most of the warm climate and magnificent views of the vast ocean. The two parts of the Water Discus are connected by five solid legs and a shaft with a lifts and stairways used to move between the two discs. The configuration of each Water Discus can be adjusted to suit local conditions and provide maximum safety and effect.



The Water Discus complex is set in the surroundings of a beautiful vibrant coral reef

The Water Discus complex can be set in the surroundings of a beautiful vibrant coral reef, bringing you in touch with the tropical weather, the colourful underwater world and engaging all your senses. The disc submerged approximately 10 metres under water contains 22 hotel rooms and a bar, where you can relax with your friends and catch up on each other's day. Each room has huge windows with a magnificent view of the

reef life. From inside, guests can control special lighting to watch the area around their room and operate miniature underwater vehicles to take a closer look at various natural phenomena and admire the beauty of small creatures inhabiting the reef. We also ensure that our guests are given just the right amount of privacy by making our rooms sound-proof and providing shades with different levels of transparency.



The main dimensions of the structure are a consequence of our design objectives. Our design team includes structural engineers and architects, who make sure that the structure is aesthetically appealing but at the same time meets the necessary construction requirements. The general dimensions of Water Discus are as follows:

- Diameter of the above-water disc: 30 m
- Height of the underwater disc: 6 m
- Diameter of the above-water disc: 50 m
- Max. diameter of the area taken up by the above-water disc with its satellites: 75 m
- Height of the above-water disc: 12 m
- Diameter of the shaft tower: 9 m
- Height of the shaft tower: 27 m
- Number of structural legs: 5 pcs
- Diameter of structural leg: 2 m
- Height of structural leg: 25 m



pool

elliptic tunnels

The disc situated approximately 5 meters above the water surface and its adjacent satellites can comprise a well-equipped spa, restaurant, special leisure area, and a multifunctional lobby located in one of the satellite discs. The underwater area around the complex, including diving activities can be watched on monitors hanging on the lobby walls as they happen. This way, all residents can take part in different activities without actually being involved in them. The upper deck includes sea-water swimming pools integrated with the diver training pool. Finally, there is also an exotic garden offering a moment's rest from the extreme experiences and space-like technology.



Diving and other water sports are very energetic, so you will need a break. Even the most exciting excursion should be followed by a moment of rest and recuperation, which would not be complete without a delicious meal prepared by a good chef. Our restaurant is located in one of the satellites of the upper disc. Just as all rooms in the complex, the restaurant has a panoramic view of the surrounding reefs and the vast ocean. The menu focuses on exotic cuisine, but will not disappoint those who prefer traditional European or American cooking.

Enjoy your meal  
in the unique surroundings





The ultimate reason for staying at the Water Discus is the marine adventure

The ultimate reason for staying at the Water Discus is the marine adventure and the hotel's facilities are there to fulfill virtually every dream you can think of. Now you can explore the underwater world without getting up from your armchair. Relax with your friends in a cosy lobby and use our remotely operated underwater vehicles to observe the reef life. Nature lovers and computer games enthusiasts will be more

than happy, but what about those who are more energetic? They can enjoy technical diving and trips on board our underwater vehicles. Most residents of the complex, however, will be happy with traditional diving among colourful fish and sea anemones, above the reef, rocks and wrecks illuminated by sunlight.

The special leisure area serves as a base for water sports. It is fully equipped for both water and underwater activities. Our most interesting equipment here includes: two 3-person underwater vehicles for deep sea exploration, motor boats supporting diving and water skiing, and remarkable jet skis for those who enjoy speed and fun above the water surface.





pool

## Courses and training

Our equipment and fully trained crew at the Water Adventure Planet guarantee comprehensive and safe training for those who wish to develop their diving skills and obtain qualifications in the use and operation of diving equipment. Basic practical training takes place in a 4-metre deep diving pool that is enclosed in the upper disc and connected with the swimming pool. The specially designed parts of the pool imitate physical features of caves and prepare for diving in caves and wrecks. Advanced training and courses are conducted near the Water Discus, with facilities such as air-filled huts and emergency breathing stations with surveillance cameras available at all times. We also offer special courses for pilots of underwater tourist vehicles.

We will find  
a perfect sport for you

You can choose from many types of activities,  
including extreme sports and relaxing excursions.



# Explore the deep sea without moving from your lounge chair!

The remote-controlled submarines will take you anywhere you want. The user-friendly applications will make you feel like in a computer game, but with a real-life environment!



pool

Enjoy the luxury views from your underwater apartment. With just one 'click', the shade system allows you to adjust the window's transparency to your atmosphere expectations.



# Business meetings?

We will cater to your and your clients' needs by providing first-class conference space. The proximity of the underwater restaurant makes things even more convenient.





SPA at your service





## Transport and communications

The complex was designed and equipped in a way that ensures smooth transport operations, relying on vessels, sea planes and helicopters. The upper deck of the complex is connected with the lift and stairway shaft and has a landing pad for helicopters, which ensures that residents can be

transported quickly in case of emergency. In order to ensure that the Water Discus remains in contact with the outside world at all times, the complex is equipped with a ship radio station system and additionally, a satellite telephone. All rooms have high-speed Internet access.

When you really want to enjoy your leisure, a sense of security seems to be the most essential thing. Guests should feel safe both when staying indoors and out diving. The concept and design of the complex, as well as its maintenance procedures were all developed to provide a sense of security and a high level of genuine safety.





The Water Discus design uses a number of solutions that guarantee safety at all times. Highest classification standards ensure safety of all the guests and crew staying on the unit. The structure is designed to endure the most extreme environment conditions which can occur in the surrounding location.

This is also the reason why the upper disc is suspended a few metres above the water surface and why this height may be further increased should adverse weather conditions pose a danger. Safety of the under water disc, including its residents, is guaranteed by an extremely strong construction and technical solutions used, which ensure that the disc surfaces immediately if our guests are in any danger. This also protects the interiors of the underwater disc from being flooded. Our crew's efforts to provide the highest standard of comfort and safety is sup-

ported by an integrated monitoring and management system that is connected to an international safety communication system. Conditions around the complex are monitored by numerous cameras and sensors, which are installed in appropriate spots.

Rescue equipment at the Water Discus meets all regulations applicable to vessels and offshore structures. The design, construction and technical condition of the object during its operation are surveyed by one of the international classification societies experienced in the construction and operation of ships, offshore structures and professional diving systems. The Water Discus complies with all applicable safety regulations and holds a class certificate, which is assigned and renewed from time to time according to requirements laid down by local laws and international institutions.



Our crew's efforts to provide the highest standard of comfort and safety is supported by an integrated monitoring system that is connected to an international earthquake and weather warning system. Conditions around the complex are monitored by numerous cameras, which are installed in appropriate spots, and by remotely operated underwater vehicles.

Rescue equipment at the Water Discus meets all regulations applicable to vessels. In addition to the equipment, each of the satellites has positive buoyancy, even if

completely flooded, and may serve as a lifesaving vessel after being detached from the main body of the upper disc. The design, construction and technical condition of the complex during its operation are surveyed by one of the international classification institutions experienced in the construction and operation of ships and professional diving systems. The Water Discus complies with all applicable safety regulations and holds a class designation, which is assigned and renewed from time to time according to requirements laid down by local laws and international institutions.

We design  
the future...



Helipad.

Restaurant.

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WATER LEVEL

