

## Aquariums & Ornamentals



**ABT Aquatics** is an independent aquatic consulting division that forms part the **AquaBioTech Group**.

The **AquaBioTech Group** is an international consulting company strategically located in the centre of the Mediterranean on the island of Malta, although operating globally with clients and projects in over fifty-five countries.

The **AquaBioTech Group** undertakes a variety of aquaculture, fisheries, marine surveying, aquarium and aquatic environmental projects through its regional offices and partners throughout the world.



### QUARANTINE OF MARINE ORNAMENTALS

**ABT Aquatics** understands the importance of quarantine for marine ornamentals having experienced in-house experts working with various species ranging from pelagic tropical marine elasmobranches to benthic teleosts. **ABT Aquatics** can provide expert advice to aquarium operators on successful techniques engineered to deliver healthy, natural acting, fully acclimatised animals for aquarium displays. **ABT Aquatics** quarantine assistance places minimal stress on the animals and eradicates the possibility of incubated marine parasites presenting themselves in marine ornamentals. This advice can be given either off site or personally by one of our highly trained staff.

### PROPHYLACTIC TREATMENT OF MARINE ORNAMENTALS

The use of prophylactic treatments is universally recognised to reduce mortalities and promote longevity in marine ornamentals both in the public aquarium sector and for the aquarium hobbyist. **ABT Aquatics** has experienced personnel in prophylactic treatments and can convey this knowledge to our clients. **ABT Aquatics** can supply fully treated marine ornamentals to both fish suppliers and directly to aquariums. These fish have the advantage of being able to go directly into display tanks, abolishing the previously imperative time required to treat the fish onsite, maximising visitor enjoyment and minimising treatment costs.

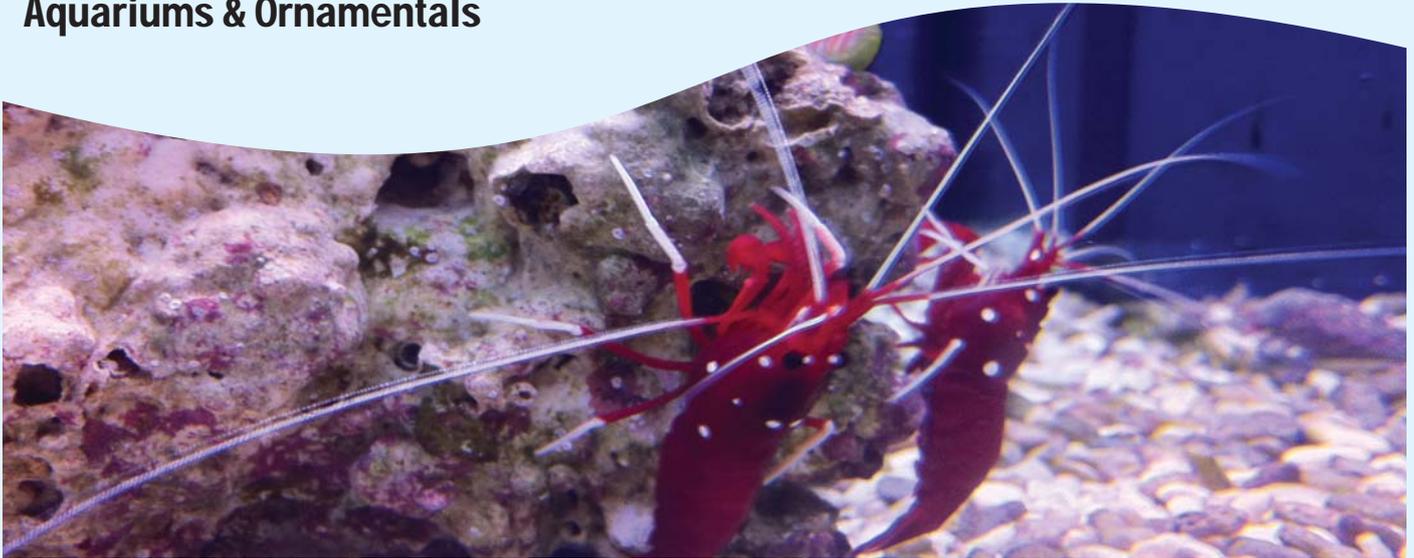
### STOCKING SERVICE

By far an Aquarium's most important feature is its marine inhabitants. **ABT Aquatics** can draw on its unrivalled wealth of experience to stock aquariums focusing on colour, diversity, visitor enjoyment and longevity of species. **ABT Aquatics** personnel have the experience to maximize the space available while not exceeding the display's biological carrying capacity. Experts can provide animals known to co-exist well together and give advice on species which do not. Species can be selected for brand new displays or can be introduced into existing displays.

### FEASIBILITY STUDIES AND DUE-DILIGENCE

Before designing any aquarium project it is essential to understand the reasons why the aquarium is to be built and what it aims to achieve. The purpose of an aquarium can vary from a fully commercial operation, through to purely educational establishments. All of the ancillary aspects of an aquarium, such as cafes, restaurants and gift shops, also require correct planning to ensure a successful facility. We offer a full range of feasibility studies to our clients to support any scale of aquarium project development.

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**ABT Aquatics** has wide ranging experienced consultants specializing in all engineering, husbandry and technical aspects. We are aware of the importance of the dialogue between client and provider, and are consequently dedicated to providing excellent consultation.

**ABT Aquatics** understands that aquarium displays are the primary selling points for aquariums contributing greatly to annual visitor numbers and visitor satisfaction. Our in-house experts have wide ranging databases covering all manner of possibilities and are committed to aiding the client throughout the project from initial CAD (Computer Aided Design) planning to completion and theme development.



### ARCHITECTURAL PLANS, STRUCTURAL DESIGN & EXHIBIT CONCEPT DESIGN

Our team of staff, which includes architects and designers, assist developers in preparing some of the most spectacular exhibits possible. To achieve this, the building requires a design that is complimentary to the aquaria, in order to keep the focus on the exhibits themselves. Evolving from the initial concept designs that form the basis of the aquarium design, this is an opportunity not only to thrill the public with nature's wonders, but also to inform and educate them on current scientific discoveries and ecologically significant information.

### CREATION OF NEW DISPLAYS AND UPGRADING EXISTING DISPLAYS

An essential component of any public aquarium is the attractiveness of the displays. **ABT Aquatics** can support business development in this sector through its diverse consultant base, managing every component required to implement a new display or upgrade an existing one.

### TECHNICIAN TRAINING AND SUPPLY: **ABT Innovia** & ONSITE

The **AquaBioTech Group** maintains a distinct advantage over its competitors through its dedicated Research and Development (R&D) facility covering some 510m<sup>2</sup> and including over 100,000 Litres of experimentation holding tanks. **ABT Aquatics** understands that the training of a new aquarist can often be laborious and time consuming with a steep learning curve. **ABT Aquatics** in collaboration with **ABT Innovia** can solve this problem by offering specific onsite and offsite training by experienced staff to both new and existing employees.

### OPERATIONAL AUDITS & TROUBLESHOOTING

Operational Audits conducted by experts have proven to be extensively successful, resulting in increased efficiency and maximising the use of available equipment. **ABT Aquatics** can provide aquarium specific audits focusing on plant equipment utilisation and installation and user knowledge. **ABT Aquatics** is able to offer both onsite and remote advice on all kind of problems which unavoidably occur in complicated and intensive areas such as aquariums; our trained consultants can be of invaluable assistance in the timely resolution of such unforeseen issues.

