

# Palm Jebel Ali Marinas

## Island Global Yachting and Nakheel

### Dubai, United Arab Emirates

#### Services Rendered

- Engineering Feasibility Study
- Berth Demand Study
- Marina Siting Study
- Marina Design and Planning
- Financial Pro Forma Studies

#### Project Summary

ATM was retained as the primary marina consultant for the design and planning of all marinas within Palm Jebel Ali, an artificial island in Dubai, UAE on which major commercial and residential infrastructure is under construction. Palm Jebel Ali consists of a palm-shaped island that is protected by large-scale breakwaters (crescents).

ATM performed a comprehensive berth demand study that included boating trends within the region, boating patterns, boating preferences, etc to assess the number and size of marina berths that will be needed to satisfy the requirements of the project.

ATM also performed an engineering feasibility study that assessed the requirements in terms of dredging and breakwaters for all identified marinas in the project.

Based on the feasibility and berth demand studies, ATM identified the optimal location for the marinas considering the site's natural constraints, navigation routes, and expected wave climate. Moreover, ATM performed concept design of 9 marinas within the palm and performed preliminary design for the marinas in Crescent A & E.

In addition, ATM performed financial pro-forma studies for the marinas to ensure that the marinas are financially feasible. It is expected that Palm Jebel Ali will accommodate more than 3,000 recreational vessels at completion.

