

Mandurah Ocean Marina
2011 Winner of the PIANC Marina Excellence Design
Jack Nichol Award

RecCom is excited to announce that the Mandurah Ocean Marina has won the 2011 PIANC Marina Excellence Design Jack Nichol Award (MEDA). The Selection Committee determined the Mandurah Ocean Marina best represents the intent of the award evaluation criteria – functionality, aesthetics and environment.

Mandurah, the second largest city in Western Australia located approximately 70 kilometres south of Perth, has grown to be a regional city in Western Australia in the last decade. The opening of Mandurah Ocean Marina in 2001 fulfilled a 30-year community vision to convert its abandoned shoreline into a dynamic waterfront destination. The core objective of the initiative was community accessibility (90 % of the marina is accessible to the public) with an underlying objective as an economic catalyst for the community.

The LandCorp project team for this endeavour consisted of the City of Mandurah as the Owner; LandCorp as the Developer; Benchmark Projects Australasia as the Project Manager; Bowman Bishaw Gorham as the Environmental Consultant; Taylor Burrell Pty Ltd as the Town Planner; John Bullock and Associates as the Surveyor; Cossill & Webley, TABEC Engineers, MP Rogers and Associates as the Site and Marina Engineers; Van Der Meer Consulting as the Pedestrian Bridge Engineer; Georgiou Group Pty Ltd and Works Infrastructure (Downer EDI Ltd) as the Civil Works Contractor; Doric as the Built Form Contractor; Woods Bagot and Jones Coulter Young as the Architects; and Plan (E) as the Landscape Architect.

Mandurah Ocean Marina, a 62-hectare development 500 metres from the Indian Ocean, is a mixed-use fully integrated marina combining maritime, residential, commercial, tourism and recreational areas, the first of its kind in Australia. The range of amenities and services at the development include residential and resort accommodations, restaurants, cafes, retail shops, entertainment venues, beaches and parks and a host of activities for boating and fishing enthusiasts. Within the twin harbours (North and South), there is permanent moorage for 639 vessels with 390 recreational, 36 commercial, 213 club slips; recreational berths range in size from 8 to 20 metres and commercial berths 15 to 25 metres. Separate boat launch facilities are provided for trailer vessels, with parking for up to 80 trailers, and non-powered craft (small sailboats, canoes and kayaks) in addition to a hardstand storage area and stacking facility for up to 245 vessels. Visitor (day) berths for small recreational craft to luxury yachts are located alongside the boardwalk. A full suite of marina support facilities are available, including specially-designed wheelchair fishing access, restrooms, showers, food service, fishing and sailing club.

Aesthetically, the marina was developed to ensure a natural, seamless transition from the older city centre to the new facilities. An iconic pedestrian suspension bridge links the North and South Harbours – the first of its kind in Western Australia. In the North Harbour, enhancement of both public access and landowner privacy is achieved with a split height dual wall system. In the South Harbour, Venetian-style canals and pedestrian bridges create a series of residential islands accessible via small crafts (less than 6 metres in length). Throughout the marina, consideration of the natural coastal environment and proximity to the urban city centre is evident in the landscaping and building design.

Overall, the marina was designed and continues to operate in a functionally effective and environmentally-friendly manner. Several environmental management plans for dewatering, dredging and reclamation, as well as water and sediment quality were developed prior to

construction. Rules and regulations for a clean marine environment policy involving pump-outs and waste and oil recycling are enforced during the daily operation of the facility, reducing the marina's impact on the surrounding environment. Local and renewable materials and resources were used (or reused) in the design and construction of the facility. Additionally, old facilities that were sources of pollutants were upgraded or removed. The existing estuary was enhanced through the rehabilitation of the existing and creation of new public open spaces and native landscaping on shorelines.

The result is a facility that is safe and easy for boaters to use, attractive and appealing to boaters and utilises materials and construction methods that are environmentally friendly and minimise impacts on the environment. Congratulations to the Mandurah Ocean Marina and its community for successfully fulfilling a long-awaited vision.