Coastal and Maritime Structures
Maritime Structures Condition Assessment

BMT JFA offers asset condition assessments surveys in compliance with the Ports Australia Wharf Structures Condition Assessment Manual (WSCAM) who know where and what to look for. Inspections by inexperienced staff can result in major structural deficiencies being missed when further deterioration could be prevented.

BMT JFA has the experience and personnel who understand maritime structures and the issues surrounding them. We are experienced in working with diving teams and ensuring work is carried out in compliance with AS2299, providing direction and recording the findings.

BMTJFA are committed to safe working practices. We undertake risk assessments and provide safe work method statements for all activities. BMTJFA has fully developed safety systems and procedures to comply with Australian Safety standards.

We support the use of Ports Australia’s WSCAM which is designed to provide a coded rating scale for each component. The rating provides at a glance the type of component being inspected, the condition it is in and the urgency of the maintenance required.

BMT JFA is experienced in evaluating whole of life costs based around future inspection and maintenance requirements. We can therefore provide cost effective and upfront total cost estimates for the client.

Key Capabilities
- Jetty and Wharf Structures condition assessment
- Port and berthing structures assessment
- Breakwater and seawall structures
- Whole life asset management
- Coastal protection and beach control structures.

Related Projects
- Two rocks Marina jetty inspections
- Woodside LPG Jetty shore protection survey
- Fremantle harbour jetty damage assessment
- Busselton Jetty Refurbishment
- Two rocks marina Breakwater monitoring
- Ports Australia WSCAM Peer Review

Services Offered
- Identification and categorisation of assets
- Onsite inspections and condition assessments
- Inspections and assessments can be undertaken to either PIANC guidelines or using the Ports Australia WSCAM
- Assessment of Maintenance and repair requirements
- Preparation of cost estimate for remedial works
- Preparation of asset management plans and procedures.