

“Where will our knowledge take you?”

## Specialist Dredging Services

### Hydrographic Surveying



“ **BMT JFA has developed a specialist capability in the organisation and management of hydrographic survey operations.** ”

The availability of high quality and reliable hydrographic survey data is a crucial requirement for the safe management of port operations, including the assessment of sailing drafts and available under keel clearance levels. Hydrographic survey is fundamental in the monitoring of maintenance dredging requirements and in both pre and post dredging operations.

BMT JFA has developed a specialist capability in the organisation and management of hydrographic survey operations. BMT JFA is able to draw on both internal knowledge of the intended use of survey information to assess the data collection requirements, as well as the specific expertise of independent experts to assess the technical requirements of a project. BMT JFA is therefore able to specifically assess the Client's operational needs and assist in the procurement and execution of the surveys.

#### Key Capabilities

- Planning of hydrographic survey works
- Provision of detailed technical specifications
- Data validation, review and utilisation.

#### Related Projects

- Port Hedland Maintenance Dredging long term contract (2011-2014)
- Oakajee Port development
- Department of Transport Maintenance Dredging Program Management.

#### Services Offered

- Liaison with the client to determine survey requirements
- Planning of monitoring survey programs including specification, coverage and frequency
- Preparation of tender documentation including standard survey specifications that are sufficient to meet the requirements of ports Australia for both class A and B level surveys
- Evaluation of tenders and provision of recommendation reports
- Provision of technical supervision and audit services for data acquisition operations.
- Data quality assessment and verification to ensure compliance with tender specifications (using third party technical experts)
- Preparation of drawings presenting survey data (sounding charts, difference plots, etc).

