

“Where will our knowledge take you?”

Port Hedland High Spot Dredging

Port Hedland Port Authority



“ A very successful project outcome for PHPA, ahead of time and well within budget with an expectation of significantly greater than 200 mm additional draft achieved. ”

Andre Bush, CEO,
Port Hedland Port Authority



Port Hedland Port is a large bulk export port located in the Pilbara region serving the iron ore rich Eastern Pilbara. In order to increase channel depth and export capacity, Port Hedland Port Authority (PHPA) undertook dredging of high spots present along the 45 km channel.

The high spot dredging project utilised Jan de Nul's Leonardo da Vinci, one of the largest self propelled cutter suction dredges in the world. Material was cut and left in place on the seabed, for subsequent removal by a trailing suction hopper dredge at a later date.

PHPA engaged BMT JFA to manage all aspects of the dredging works, from the preparation of drawings and contract documents through to 24 hour supervision onboard the dredge for the duration of the project.

BMT JFA Role

- Preparation of drawings and identification of dredging requirements
- Management of the procurement process
- Overall project and contract management
- 24 hour supervision of the works, onboard the Leonardo da Vinci.

Services & Expertise Provided

- Hydrographic survey review
- Capital dredging planning and supervision
- Site supervision
- Commercial contract drafting and procurement.



Location

Port Hedland, Western Australia

Date

2010