

Project Reference P183

Dredging



MMHE Quay No. 6 Seabed Deepening

Project

Construction and Completion of Seabed Deepening and Associated Works at MMHE Quay No. 6, Pasir Gudang, Johor

Client

Malaysia Marine and Heavy Engineering Sdn Bhd

Contract Sum

RM19,186,320.40

Contract Period

May 2012 ~ Aug 2013 (15 mths)

Owner / Employer

Malaysia Marine and Heavy Engineering Sdn Bhd (MMHE)

MMHE has awarded SYS to excavate / dredge and remove off-site soil and rock of seabed to provide berthing pocket for load-out barges and vessels up to -10m CD.

The scope of works comprised of dredging to the design layout and levels including disposal of dredging materials to approved dumping grounds at Ramunia Shoals, about 37 NM away from site.

As the shipyard is concurrently operating, SYS has to allow for access to the area of operation for the works, events, load-out, fabrication, and like upon notification from MMHE.

Dredged Volume

Soil 131,132 m³ (up to -10m CD)

Rock 18,000 m³ (up to -10m CD)

Dredged Materials

Dredged materials get harder as depth increases. Rock sample was taken to Geolab laboratory for hardness testing and the result falls under the rock blasting zone.

