

MINING & INDUSTRIAL SERVICES AND CAPABILITIES



ALL IN. INNOVATIVE **ENGINEERING SOLUTIONS** FOR **MARINE & OFFSHORE INDUSTRIES**

ENGINEERING DISCIPLINES

- Naval architecture
 - 3D development of designs
 - Intact & damage stability
 - Hull form designs
 - Hull strength & scantlings
 - Dynamic mooring analyses
- Structural
- HVAC
- Electrical, instrumentation & controls
- Process piping
- Mechanical
- Civil/geotechnical

PROJECT MANAGEMENT SUPPORT

- HAZOPS, risk assessment & FMEA Support
- Options analyses (technical & financial)
- Document management
- Material requisitions & procurement support
- Marine specifications

SITE SUPPORT

- Provision of site engineering
- Provision of third party inspectors
- Inspection services
- Periodic lightship surveys
- Provision of skilled trades labourers

AREAS OF PROJECT EXPERTISE

- Pump barges & work barges
- Floating pipelines & walkways
- Mooring systems
- Module transportation & lifting
- Barge launch & anchor deployment
- Barge relocations plans



