

# TIDAL & INSTREAM ENERGY SERVICES & CAPABILITIES



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

### ENGINEERING DISCIPLINES

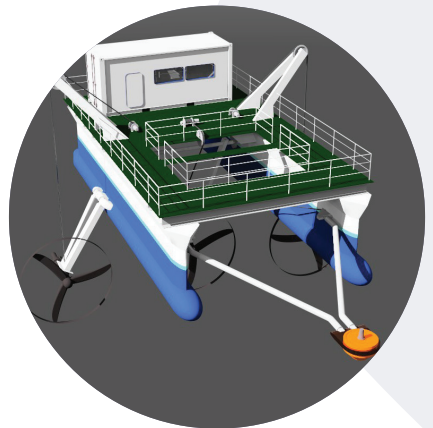
- Naval architecture
  - Design development and modelling
  - Platform stability
  - Hull form designs
  - Hull strength & scantlings
- Structural design
- Electrical, instrumentation & controls
- Mechanical
- CFD and FEA

### PROJECT ASSESSMENT AND MANAGEMENT

- Turnkey project management and engineering
- Construction and installation management
- Contract management
- FEED studies and options analyses
- Document management and control
- Materials requisitions and procurement support
- Specifications

### AREAS OF PROJECT EXPERTISE

- Conceptual and detail design of large scale platforms (2.5 mW)
- Design of small scale floating platforms (< 500 Kw)
- Design and analysis for foundation installation
- Vessel requirements and modifications for installation
- Contract management for fabrication
- Modular industrial platform design/ build experience



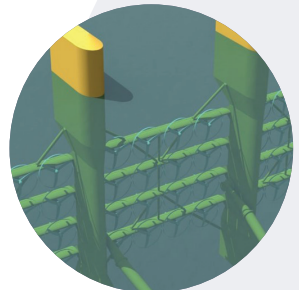
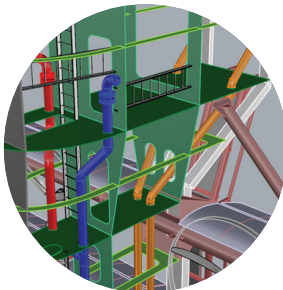
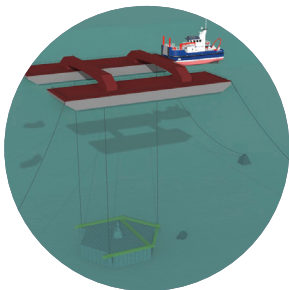
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## ABOUT ALLSWATER

- Comprehensive marine engineering, naval architecture and project management services from concept to completion
- Professional engineers and naval architects eligible in all Canadian provinces and territories as well as Texas
- International expertise in commercial marine, offshore and oil & gas sectors
- Driven by an 'all in' approach – a single-source for all your engineering needs

OUR GLOBAL REPUTATION COUPLED WITH A SENSIBLE HOMETOWN ATTITUDE, MEANS YOU EXPERIENCE THE INGENUITY AND PRACTICALITY OF A HANDS-ON APPROACH TO PROJECT CHALLENGES.



**ALLSWATER.COM**

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