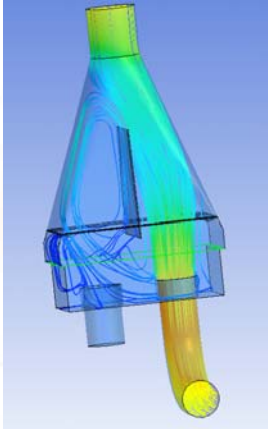
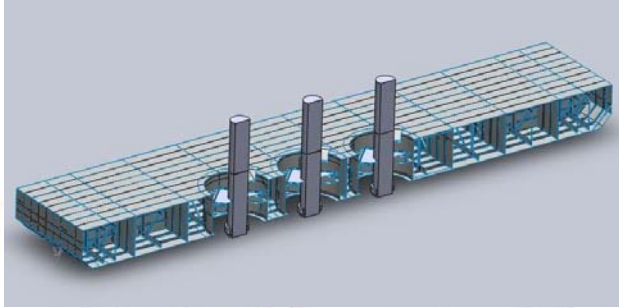




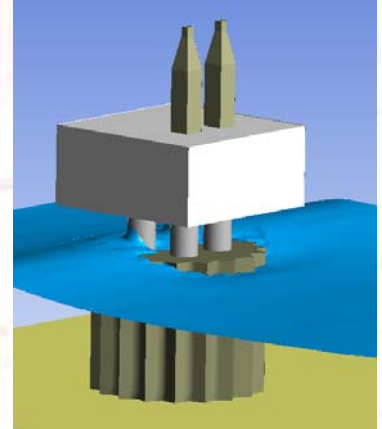
Providing Advanced Engineering Design and Analysis Services to the Manufacturing, Energy, Petro-Chemical, Marine, Offshore and Defence Sectors



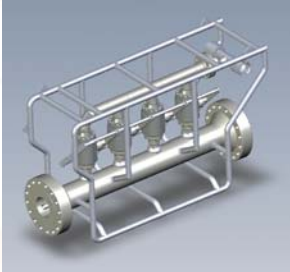
Computational Fluid Dynamic (CFD) Analysis of a Steam Vent System



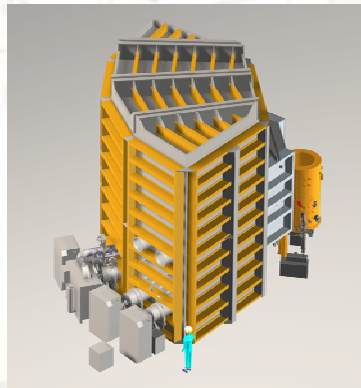
Oil Sands Project: Vibration Response Analysis of a Pump Barge



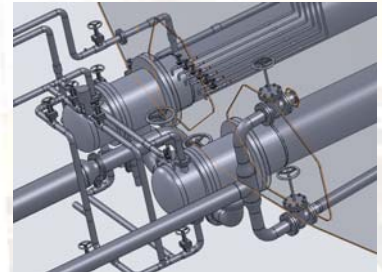
Wave Overtopping of an Offshore Gravity Base Structure (GBS)



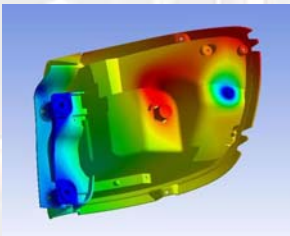
White Rose North Amethyst Subsea Production Flowlines Pig Launchers and Receivers



Sequoia Detector Vessel Spallation Neutron Source Project Oak Ridge National Laboratories
Sequoia is considered to be one of the largest vacuum chambers ever built in North America



Bunker C Tank Heating System



Random Vibration Response Analysis of Vehicle Lamp Systems (GM & Ford)

2010 Engineers Nova Scotia Lieutenant Governor's Award for Excellence in Engineering

See article by ANSYS, "Fluid Structure Interaction Helps Design Water Quality Monitor Float" at ANSYS.com & grantec.ca & article "Don't Rock the Float" in the upcoming ANSYS Advantage Magazine



Our advanced FEA/CFD programs include: ANSYS Multiphysics (FSI) & ANSYS CFX (CFD)

- Grantec services include:**
- Mechanical & Structural Engineering
 - Ocean Engineering & Offshore Structures
 - Naval Architecture
 - Metallurgical & Welding Engineering
 - Pressure Vessel Analysis & Design
 - Fitness for Service (API 579)
 - Fatigue & Fracture Mechanics
 - Vibration Analysis & Testing
 - Naval Shock & Vibration Analysis
 - Explosion Analysis & Seismic Analysis
 - Mooring Analysis
 - Marine Riser Analysis
 - Failure Investigations & Expert Witness
 - Research & Development
 - Advanced Finite Element Analysis
 - Computational Fluid Dynamics (CFD)
 - Fluid Structure Interaction (FSI)
 - 3D Modeling & Drafting Services

CSA Award of Merit

Advancing CSA, ISO & IEC standards