



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



Trident Enhancement Compression Chamber
Los Alamos National Labs
Design analysis by Grantec



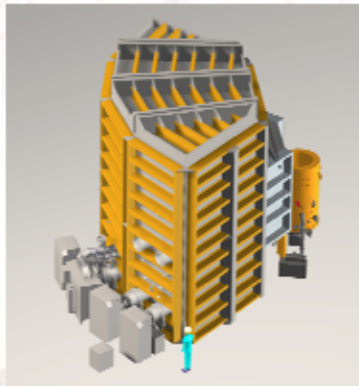
Naval Shock & Vibration Analysis for Expendable Mine Neutralization System (EMNS) Launch & Recovery System for US Navy Avenger Class Mine Countermeasures Vessels



Grantec Featured in March 2009 Business Excellence Magazine
View article at:
www.bus-ex.com
www.grantec.ca



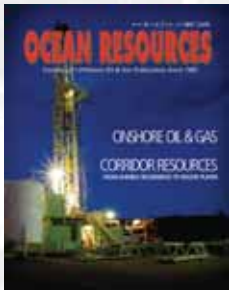
Marine Riser Analysis from offshore Atlantic Canada to the East China Sea



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



White Rose North Amethyst Subsea Production Flowlines Pig Launchers and Receivers



See Ocean Resources Magazine & Grantec website for periodic updates on the Canadian Offshore Structures Standards Initiatives

Grantec COSMOS Case Study published by SolidWorks Corp.



View at:
www.grantec.ca
www.solidworks.com



Our advanced FEA programs include:
ANSYS Multiphysics
ANSYS CFX (CFD - full solvers)
ANSYS Fluid Structure Interaction

- 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
 - Failure Investigations & Expert Witness
 - Research & Development
 - Advanced Finite Element Analysis
 - Computational Fluid Dynamics (CFD)
 - Fluid Structure Interaction (FSI)
 - Drawing and Drafting Services

CSA Award of Merit

Advancing standards under CSA & ISO