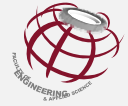


# Client Project Submission Form

To be submitted to Instructor: Stephen Bruneau, sbruneau@mun.ca, 864-2119

Civil Engineering Design Course ENGI - 8700  
Memorial University  
Faculty of Engineering and Applied Science  
St. John's NL, Canada A1B 3X5



## CLIENT

<b>COMPANY</b>	Production Services Network (PSN)	<b>address</b>	277 Water Street
<b>Client Engineer</b>	Dan Whiffen	<b>phone</b>	778 4835
		<b>email</b>	<a href="mailto:dan.whiffen@psnworld.com">dan.whiffen@psnworld.com</a>
<b>Alternate Contact</b>	Renee Jerrett	<b>phone</b>	778 4973
		<b>email</b>	<a href="mailto:renee.jerrett@psnworld.com">renee.jerrett@psnworld.com</a>

(at least one P.Eng)

## Proposed Project Title

Hibernia South Extension - Methanol Injection System

### Description of Project

New Methanol equipment is required to be installed offshore. The Methanol equipment must be protected from the elements without requiring HVAC. The equipment must be protected from potential dropped objects. The Methanol module must be transported offshore via N-class offshore supply vessel and shall be protected during the lifting process.

### Requirement of Student Group

- Design structural system to meet project requirements and design standards CSA S471, CSA S473, CSA S16, Llyods Register L.A.M.E., CSA Z19902, ISO 19900.
- Study of N-Class (Maersk) Vessel response during various sea state.
- Study large volume of Methanol dispersion (7000 litres) in the ocean and the requirement to contain the chemical.
- Produce framing drawings as as lifting and seafastening drawings.

### OPTIONAL: COMMENTS, CONDITIONS, RESTRICTIONS QUESTIONS