

# 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

**COMPANY** Wood Group PSN

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(at least one P.Eng)

## Proposed Project Title

Hibernia flare tip Changeout

Description of Project

Flare tips are required to be replaced on the Hibernia Platerform summer 2012.

Tips are to be lowered from the flare tip platform to a N-class supply vessel

Requirement of Student Group

Design of lifting frame for HP and LP flare tip replacement to meet project requirements and design standards CSA S16, CSA Z19902

Dynamic analysis of flare boom

Lifting analysis in accordance with Lloyd's Register L.A.M.E.

Rigging and winch selection

Planning / estimating of project execution

## COMMENTS, CONDITIONS, RESTRICTIONS QUESTIONS