CURRICULUM VITAE

DATE: June 2, 2014

POSITION: STRUCTURAL ENGINEER II

NAME: Eric R. Kuusisto

WORK HISTORY: **PARKER DRILLING – 2014 TO PRESENT**

 STRUCTURAL ENGINEER II

Design and analyze oil and gas drilling rigs. Write technical reports and site assessments concerning new designs and modifications and maintain communication with clients. Provide engineering support to on-site personal on land and barge rigs. Survey and inspect drilling rigs and ensure compliance with standards. Inspect and review design and technical drawings.

**GLOBAL MARITIME – 2013 TO 2014**

 STRUCTURAL ENGINEER

Designed and analyzed offshore oil and gas drilling rigs. Managed project status and ensured compliance with international standards. Produced project reports and maintained communication with clients. Modeled existing drilling structures with line, FEA mesh and plate models. Performed non-linear (large deflection, plastic, etc.), semi-static and dynamic analyses. Surveyed and inspected offshore drilling structures in the Gulf of Mexico.

**SAE TOWERS – 2011 TO 2013**

 STRUCTURAL DESIGN ENGINEER

Delivered Front-End Engineering and Design (FEED) for onshore energy and power structures. Designed concrete and steel foundations for large facilities and structures. Coordinated project phases between company, vendors and manufacturing team in Mexico. Performed local and global finite element analysis on structures and members. Inspected structural integrity for winter projects in Northern Canada.

**TEXAS A&M UNIVERSITY – 2010 TO 2011**

 RESEARCH INTERN

Worked on teams of scientists and engineers for national Civil Engineering research projects. Created computer mesh models for basic impact analysis and analyzed traffic patterns with the Texas Transportation Institute. Analyzed HSE (Health, Safety and Environment) standards and codes used for nighttime construction visibility.

CERTIFICATIONS: Texas Board of Professional Engineers

 Engineer in Training (EIT) #46190

 Basic Offshore Safety Induction & Emergency Training (BOSIET)

 Certification #11245700260214083177

 Helicopter Underwater Egress Training (HUET)

 Certification #11245700260214083177

 Transportation Worker Identification Credential (TWIC) by TSA

 Restricted Access Certification [International Docking Stations]

 Oil & Gas UK

 Certification of Fitness for Offshore Work #OGUK/2007-1137

PROFESSIONAL American Society of Civil Engineers (ASCE)

AFFILIATIONS:

EDUCATION: BS Civil Engineering – Structures

 Texas A&M University, 2011