OFFSHORE TECHNOLOGY

OMAE2014-23786 ........................................................................................................ V01BT01A001
Modeling Stalk-On Operation and its Application
Jin Wuk Hong, Jong Wook Kim, Kyu Tae Kim, and Woo Seob Lee

OMAE2014-23805 ........................................................................................................ V01BT01A002
Similarity of Rudder Effectiveness and Speed Response of a Free-Running Model Ship
Michio Ueno and Yoshiaki Tsukada

OMAE2014-23808 ........................................................................................................ V01BT01A003
Deep Water Installation, Hydrodynamic Aspects and Practical Considerations
Radboud van Dijk, Kees van Zandwijk, and Eelco Harmsen

OMAE2014-23816 ........................................................................................................ V01BT01A004
Lifting Analysis of Subsea Framework Structures
Tor E. Søfteland, Odd V. Skrunes, and Daniel Karunakaran

OMAE2014-23833 ........................................................................................................ V01BT01A005
A Study on the Impact Load Acting on an FPSO Bow by Steep Waves
Sam-Kwon Hong, Jae-Moon Lew, Dong-Woo Jung, Hee-Taek Kim, Dong-Yeon Lee, and Jong-Soo Seo

OMAE2014-23843 ........................................................................................................ V01BT01A006
Effects of Top-End Vessel Heave on Submarine Riser VIV of Deep Water Platform
Weimin Chen, Min Li, Shuangxi Guo, and Kuan Gan

OMAE2014-23915 ........................................................................................................ V01BT01A007
Green Water Phenomena on a Twin-Hull FLNG Concept
Riaan van’t Veer and Ebert Vlasveld

OMAE2014-23939 ........................................................................................................ V01BT01A008
Optimized Mooring Line Simulation by a Hybrid Method Time Domain Scheme
Niels Hørbye Christiansen, Per Erlend Torbergsen Voie, Jan Høgsberg, and Nils Sødahl

OMAE2014-23976 ........................................................................................................ V01BT01A009
Advantages of Polyester Mooring for Deepwater Floaters
Lixin Xu and Jiayan Chen

OMAE2014-24018 ........................................................................................................ V01BT01A010
Model-Based Risk Assessment of Offshore Operations
Christoph Läsche, Jan Pinkowski, Sebastian Gerwinn, Rainer Droste, and Axel Hahn

OMAE2014-24028 ........................................................................................................ V01BT01A011
Thruster-Interaction Effects on a DP Shuttle Tanker - Wake Flow Measurements of the Main Propeller and Bow Tunnel Thrusters
J. L. Cozijn and R. Hallmann
Non-Linear Air Gap Analyses of a Semi-Submersible Compared With Linear Analyses and Model Tests
Jørgen Kvaleid, Volkert Oosterlaak, and Tor Kvillum

The Hydrodynamic Performance of a Twin-Hull FLNG Concept
Xavier Schut and Wim de Boom

A Complete Failure of a Floatover Installation With Strand Jack Lifting Scheme and a Great Success of Float-On and Float-Off Rescue Operation
Alan M. Wang, Tao Wang, Youcheng Li, Changsheng Yu, Fuwen Tao, and Chen He

Handling of Partially Filled Tank Containers by Means of Cranes
Andreas Hansen, Edwin Kreuzer, and Christian Radisch

Development of Time Domain Model for Synthetic Rope Mooring Systems
Karl E. Kaasen, Halvor Lie, Jie Wu, Erik Falkenberg, Vidar Åhjem, and Kjell Larsen

Experimental Validation of a Numerical Model for a Dry-Tree Semisubmersible in Benign Environments
Bruce Martin, Oriol Rijken, and Kent Davies

Numerical Model of Towing Line in Sea Transport
Ivan Čatipović, Nastia Degiuli, Andreja Werner, Večeslav Čoric, and Jadranka Radanović

Development of a Training Simulator for Oil Spill Response
Vinicius L. Vileti, Albino Ribeiro Neto, Joel S. Sales Jr., Paulo de Tarso T. Esperança, Sergio H. Sphaier, and Leonardo S. Antunes Maciel

Uncertainty Analysis for Inclining Tests
Joel S. Sales Jr., Paulo de Tarso T. Esperança, Sergio H. Sphaier, and Christiane Machado

Development of Deep Water Multicolumn Buoy
Rodrigo A. Barreira, Vinicius L. Vileti, Joel S. Sales Jr., Sergio H. Sphaier, and Paulo de Tarso T. Esperança

Nonlinear Drop Simulations of a Christmas Tree in Deep Waters
Arya Majed and Phil Cooper

Development and Validation of Panels to Measure Slamming Forces
Don Spencer, Ron Ryan, Blaine Stockwood, and Trevor Harris
New Advances in Post-Installed Subsea Monitoring Systems for Structural and Flow Assurance Evaluation
Reza Asgharzadeh Shishivan, David V. Brower, John D. Hedengren, and Alexis D. Brower

Leg-Sea bed Interactions of Jack-Up Vessels due to Motions in Irregular Waves
Edwin Kreuzer, Eugen Solowjow, Gang Qiu, Thorben Hamann, and Jürgen Grabe

Design Study of BOP Shear Rams Based on Validated Simulation Model and Sensitivity Studies
Bhaskar Rao Tulimilli, Pramod Naik, Arindam Chakraborty, Sourabh Sawant, and Alan Whooley

Development of Hull Sizing System for Tension Leg Platform by Using Optimization Algorithm
Toschio Sugita

Best Practices for Minimizing Mooring Failures at the Fairlead
Jonathon D. Miller, Gennine R. Kärrsten, and Curt E. Haveman

Drifting Time of a Standard Drillship
Fernando J. Teixeira, Anderson T. Oshiro, and Eduardo A. Tannuri

Dynamic Responses of a Steel Cylinder in the Process of Lifting by a Floating Crane in Waves
Keqiang Chen, Hong Zhang, Zhao Nu, Lilan Zhou, Wei He, and Jiamei Wang

Motion of a Large Disconnectable Buoy Within FPSO Turret Moon-Pool
Sean Bian and Steve Leverette

Layout Method of a FPSO (Floating, Production, Storage, and Off-Loading Unit) Using the Optimization Technique
Namkug Ku, Se-Yong Jeong, Myung-II Roh, Hyun-Kyoung Shin, Sol Ha, and Jung-woo Hong

Simplified Model for the Weight Estimation of Floating Offshore Plant Using the Statistical Method
Myung-II Roh, Seong-Ho Seo, Hyun-Kyoung Shin, Nam-Kug Ku, Sol Ha, and Ki-Su Kim

Evacuation, Escape and Rescue EER Analysis of Offshore Plant Based on Human Behavior Model
Sol Ha, Namkug Ku, Myung-II Roh, and Xing Li

Mooring System Monitoring Using DGPS
Joerik Minnebo, Pieter Aalberts, and Arun Duggal