Kandidat:		Tittel:
Aarsnes	Marion	A Feasibility Study of Assessing Bunkering Operations Through AIS Data
Aas-Hansen	Trine	Evaluation of Seakeeping Capabilities of a Floating Solar Plant
Agdestein	Einar Nonås	Visual Estimation of Motion for ROVs - Increasing Accuracy for ROV Navigation
Alvern	Ole Schanche	Marine Hybrid Propulsion Systems - Overview, Feasibility, and a Case Study of a High-Speed Passenger Vessel
Andersen	Ingrid Rolland	Tidal and Wind Driven Boundary Layer Flow in Coastal Zones
Arumugam Elumalai	Venkatesan	Fabrication, Launching and Towing of Submerged Production Unit - A Technology Development Project of Subsea7
Attanapola	Dhanushi Nayanatara	Numerical Simulation of Viscous Shear Flow Around Tandem Cylinders
Axelsen	Jørgen Jensen	A Study of the Operational Patterns of LNG Carriers from AIS Data
Bertelsen	Øystein Ølund	Analysis and Design of Mooring and Turret Systems for Ship-shaped Floating Production Systems (FPSOs)
Birkeland	Frid Grøtterud	The Motion of Slender, Cylindrical Bodies - An Experimental and Theoretical Investigation
Borgnes	Mathias	Probabilistic Methods for Estimation of Extreme Ice Loads on Ships
Bredahl	Jens Kristian Myhrer	Experimental Study of High-Pressure Gas Injection Using Optical Methods
Bremer	Kaja Steffensen	Using Neural Networks to Predict the Response of a Floating Structure
Buadu	Stephanie	Advanced Mission Planner for Cooperative Underwater Vehicles
Burås	Magne	Hybrid fuel-cell auxiliary system for an aquaculture vessel
Bøe	Terje Skogan	Analysis and Design of Stiffened Columns in Offshore Floating Platforms Subjected to Supply Vessel Impacts
Chen	Kai Jia Jin	Modeling and control of a SES in various operational modes
Chiu	Tsz Kit	Sonar tracking and obstacle avoidance for navigation of ROV
Dagestad	Ingvild	Actuation moments for hydrofoil flaps
Dou	Rui	Numerical Modeling and Analysis of a Semi-submersible Fish-cage
Drønen	Simon	Feasibility of an all-electric Fishing Vessel based on AIS data
Eidal	Maren Kristine	COLREGS Compatible Motion Planning for Autonomous Surface Vessels
Ekanger	August	Developing an Autonomous Tracking System for the Atlantic Salmon
Ellingsen	Sondre Lydvo	Pipeline damage assessment after trawling impact
Eriksson	Sebastian Erik	2D experimental and numerical study of moonpool with recess
Farnes	Sigurd	Data-driven fault detection for plunger pumps
Fimland	Dennis Hallås	Nonlinear Wave Loads on a Vertical Cylinder
Fjelldal	Torgeir	Autonomous Systems Design - An Exploratory Research Study in the Context of Maritime Shipping
Fjellvang	Snorre Ludvig	Adaptive Vertical Motion Control System for a Surface Effect Ship
Flatøy	Erlend	Analysis of an Offshore Jacket subjected to Supply Vessel Impacts
Fløgum	Benedicte Elise	A Concept Study of a Pre-tensioned S-shaped Pontoon Bridge with Submerged Floating Twin-Tubes
Fossdal	Markus	Online Consequence Analysis of Situational Awareness for Autonomous Vehicles
Førrisdal	Even Wollebæk	Empirical Prediction of Residuary Resistance of Fast Catamarans
Gohin	Gaspar Felix Gilles	Upscaling, analysis, and design of a floating vertical axis wind turbine
Grefstad	Ørjan	Development of an Obstacle Detection and Avoidance System for ROV
Grønnæss	Kristin	Performance monitoring on a gas admission valve in a dual fuel engine - Implementation of condition based maintenance by applying machine learning and statistical models
Gupta	Prateek	Experimental Investigation of Porous Structures in Splash Zone
Gustavsen	Herman Øen	Proposal and comparison of an eXogenous Kalman Filter and a Particle Filter for use with ROV thruster models
Hagen	Benjamin Vist	Influence of a Wavefoil on the Wave Pattern Resistance of a Ship
Hagen	Stian Arneborg	Damage Assessment of Sevan 1000 FPSO Subjected to Impacts from Shuttle Tankers
Halvorsen	Lars Gellein	Investigation of the effect of sloshing in a floating closed fish farm
Harr	Mathias	Numerical simulation of viscous flow around a step cylinder
Hatlevik	Anita Solhaug	Resistance analysis of trimaran service vessel using CFD
Hellvik	Elise	Description and Structural Analysis of a Marine Bridge for the Digernessund crossing
Helvik	Amund Døssland	Underwater parachute, an alternative installation method
Hoel	Preben Jensen	Digital Twin of Vessels in Arctic Environments - Extending a Simulation Environment to allow for External Control of Multiple Vessels
Hole	Kjetil Blindheim	Design of Mooring Systems for Large Floating Wind Turbines in Shallow Water
Holven	Erik Bjørklund	Control system for ROV Minerva 2
Hovden	Petter	Optimisation of a New Energy System in Longyearbyen based on LNG and Solar Energy - Applying Mixed Integer Linear Programming and a Rolling Horizon Heuristic
Hveding	Erik Axelsson	Hydrodynamic Analysis and Optimization of Interceptor based Air Lubrication for High Speed Vessels
Høie	Emil Benthien	Maximum Covering Location Approach for Solving a Coast Guard Deployment Problem
Håland	Helene Salte	Accidental Drop of Slender Cylindrical Bodies - A Numerical and Experimental Study of Velocity and Trajectory of Cylinders Falling Through Water
Ildstad	Jens Berg	Use of Turbulence Stimulation on Ship Models
Johansen	Sigrid Siksjø	On Developing a Digital Twin for Fault Detection in Drivetrains of Offshore Wind Turbines
Johansen	Stian Rørvik	Ship hulls exposed to ice-induced loads and resistance
Khan	Abir	Deep Reinforcement Learning based tracking behavior for underwater vehicles

Killi	Marius Lien	Hydrodynamic Interaction Among the Pontoons of a Floating Bridge: Effect of Global Responses
Kjærnli	Eirik Fagtun	Deep Reinforcement Learning Based Controllers In Underwater Robotics
Knudsen	Peter Nicolai	Exploring the Possibility of Electric and Autonomous Container Feeders
Kolltveit	Eivind Liby	Cooperative towing using USVs
Kolstø	Andreas Bro	Fault Detection for Position Mooring Using Statistical Analysis
Lande	Simen Vike	Path Planning for Marine Vehicles using Bézier curves
Larssen	Henrik Stumberg	Turbulence Modelling of the Flow Around a Prolate Spheorid
Lawrence	Christopher	Higher Order Spectral method for wave scenarios with nonlinear and dispersive effects
Leira	Benedikte	LNG as fuel on fishing vessels - Assessment of economic feasibility and environmental impact
Liang	Guodong	Frequency-domain Method for Global Dynamic Response Analysis of a Semi-submersible Floating Wind Turbine
Liland	Vegard Arnetveit	Feasibility Study of the ECO Trawl Concept
Lu	Ying	Current Profile Estimation for a Moored Floating Structure
Lund	Øyvind Haug	Evaluation and Comparison of Operability and Operational Limits of Service Vessel Designs in Exposed Aquaculture
Lunde	Karoline	Major Accidents in Exposed Fish Farming - A quantitative collision risk analysis
Lønnum	Ole Johan Jørgensen	Deep Learning Metocean Simulation and its Applications in Marine Simulation-based Design
Mao	Haiying	Riser lift system for deep sea mining
Mehn-Andersen	Ingrid	Time-domain Roll Motion Analysis of a Barge for Transportation of an Offshore Jacket Structure
Midtbust	Sondre Stang	Concept Study and Analysis of a Constant Buoyancy System for a Floating Single Column Platform
Midtgarden	Olav	Material Parameter Identification Using Artificial Neural Networks and Genetic Algorithm
Mohr	Julie Rabben	Using Field Data and Parametric Studies to Create a Dynamic Model of a Seismic Spread
Nerem	Trine	Assessment of Marine Fuels in a Fuel Cell on a Cruise Vessel
Nilsen	Tord Hauge	Analysis of the kelp farming industry in Norway with regard to conceptual design of vessles for harvesting and deployment operations
Nordkvist	Haakon Akse	An Advanced Method for Detecting Exceptional Vessel Encounters in Open Waters from High Resolution AIS Data
Næss	Patrick Andre	Investigation of Multivariate Freight Rate Prediction Using Machine Learning and AIS Data
Ortega Nadal	Alvaro	Time domain simulation parameters for fatigue assessment of an offshore gravity based wind turbine
Orvedal	Simen Haugen	Frequency Dependence of Bilge Keels
Osvoll	Ida Fagerli	Analysis and Design of Bjørnefjorden Floating Cable-Stayed Bridge subjected to Large Ship Collisions and Extreme Environmental Loads
Park	Daeseong	Onboard DC Power Systems for Hybrid Electric Ships: Simulation and Control
Patel	Pratim Jayesh	Validation of Nonlinear Hydrodynamic Load Models for a Monopile in Long-Crested Waves
Pocheau Lesteven	Malo Ange Baptiste	Hydrodynamic Analysis of Paddle Wheel Propulsion
Radhakrishnan	Gowtham	Analysis of accidental iceberg impacts with large passenger vessels and FPSOs
Rangel Valdes	Jorge Luis	Dynamic response analysis of a catamaran wind turbine installation vessel with focus on the transportation stage
Rimstad	Helene	Dynamic Modelling, Vibration and Fatigue Analysis of Slow Rotating Propulsion Systems
Rognaldsen	Anette	Numerical Investigation of Viscous Flow Around Two Tandem Circular Cylinders Ending on a Flat Plate
Rolandsen	Andre Nilsson	Digital Twin of Vessels in Arctic Environments
Rolland	Louise Ankerstjerne	Fluid Structure Interaction Analysis of Abnormal Wave Slamming Events
Saletti	Massimiliano	Comparative numerical and experimental study of the global responses of the spar-torus-combination in extreme waves due to the bottom slamming effect
Salvesen	Harald Bendik Ulvestad	Evaluation of Autonomous Container Feeder Fleets in Different Contexts and Needs
Sandal	Tarjei Nærø	Dynamic Analysis of Connected Jackets
Scheide	Margrete Sandsbråten	Using Deep Learning for Automatic Classification of Marine Habitats in HiSAS Imagery
Schønfeldt-Borchgrevink	Sofie	Isogeometric analysis with trimmed geometries applied to ship hulls
Scibona	Ignacio	Modelization and Analysis of Offshore Wind Support Vessels in the Scenario of the new Generation of Offshore Wind Farms
Senderud	Kristine	Modelling and Analysis of Floating Bridge Concepts Exposed to Environmental Loads and Ship Collision
Sjøberg	Trym Sogge	Evaluation and Comparison of Operability and Operational Limits of Service Vessel Designs in Exposed Aquaculture
Sjøholt	Natalie Bakke	Reliability Centered Maintenance (RCM) of the Autonomous Passenger Ferry in Trondheim
Skjulstad	Christoffer	Numerical Simulation of Viscous Flow Past A Curved Cylinder
Stemsrud	Synnøve Risting	Site surveys at Norwegian aquaculture sites - Methodologies for wave estimation
Stenlund	Tiril	Mooring System Design for a Large Floating Wind Turbine in Shallow Water
Thunes	Mats	Discrete-Event Simulation of Vessel Response Time for Acute Pollution in Aquaculture
Tofteng	Kim Andre	Efficient Installation of Subsea Equipment in Deep Water
Vigsnes	Joakim Tveiten	Seakeeping Analysis Comparison Between Viscous And Inviscid CFD
Vika	Eirik Breisnes	Modelling and Analysis of a Floating Bridge
Vikenes	Ole Kristian	Assessment of Necessary Air Gap of Semi-Submersible Accounting for Simultaneous Occurrence of Wind, Wind Sea and Swell Sea
Vågnes	David	Isogeometric Structural Analysis of Wind Turbine Blades
Wallentinsen	Asbjørn Sve	Sheltering Analysis of Gravity Based Structures in Shallow Water
Weiby	Anders Juul	Frequency-domain Roll Motion Analysis of a Transportation Barge Using Stochastic Linearization of Viscous Roll Damping
Winsvold	Jonathan	An Experimental Study on the Wave-Induced Hydroelastic Response of a Floating Solar Island
Xue	Libo	Computer Vision Based Autonomous Panel Intervention for a Remotely Operation Vessel

| Zang | Yuyang | Experimental and Numerical Investigations of Global Motions and Slamming Loads on an Aquaculture Feed Barge |
| Øvregård | Siri Bjørkedal | Control Allocation for Underwater Snake Robots using Optimization Methods |