

MARPART

Maritime Preparedness and International
Partnership in the High North

**Oil spill around the Lofoten islands! Man over board!
Engine power breakdown onboard vessel MV TOR!
- Joint maritime emergency exercises conducted at the
Nord Preparedness Management lab**



The Nord Preparedness Management lab and the Norwegian maritime colleges at Bodin and Lofoten have successfully completed their first joint simulation exercises. The three institutions have linked their Kongsberg-simulators together in order to run complex joint maritime exercises via broadband.

The first joint exercises focused on search and rescue, salvage, and oil spill recovery operations. Nord University took the role as an on-scene-commander and had the opportunity to test operating procedures within the incident command system, including leadership within operational management and preparedness staffs.



Figure 2 - Students and instructors from Bodin maritime college after the successful exercise (Image: Rune Elvegaard)

Figure 3 - Researchers from the Marpart-team serving as operational management staff (Image: Svein-Arnt Eriksen)

Figure 4 - Students and instructors of Lofoten maritime college after the successful exercise (Image: Roger Nybakk)

Joint exercises at the Nord Preparedness Management lab will provide a platform for testing various organizational concepts within maritime emergency management and examining managerial roles and procedures of key personnel within search and rescue, firefighting at sea, oil spill response and anti-terror.

The Marpart (2) MAN project on joint task force emergency response management in the High North will focus on these issues. Within the Marpart (2) MAN project we will look into competence improvements through improved educational programs, training and exercise schemes. We will use the lab facilities to test out these solutions, especially concentrating on cooperation between managers at tactical, operational and strategic level, as well as cooperation between units from several countries.

The Nord Preparedness Management lab will help us to facilitate knowledge transfer

between academia, government institutions and key personnel managing disaster and crisis situations. International cooperation between simulators will be taken further as our lab will also be part of the European Maritime Simulation Network of ten universities in Europe. A large computer-based exercise on ice operations will take place in March 2018.

The Nord university full-scale emergency exercise

The annual Nord University full-scale joint emergency exercise will take place the last week of April 2018, with a combined shore and sea scenario. The exercise is part of the Emergency Response Week 2018. It will include both resource and simulator capacities.

The public is invited to attend a wide range of lectures and participate in other activities related to the field of emergency planning, response and management.



Figure 5 - The Marpart team at Nord University together with Faculty Director Steinar Stene- Sørensen, Dean of Business School Erlend Bullvåg and the Rector of Nord University Bjørn Olsen (front row - from left to right). (Image: Marpart)

FURTHER NEWS

CAMAR - a new project within the MARPART portfolio.

In 2014 the Norwegian government stated the need for a stronger focus on Arctic maritime competence. The CAMAR project will provide education, training, exercises and test platforms within maritime operations and emergency response. The CAMAR project will build upon the previous findings of the Marpart-Consortium. The idea is to take efforts within maritime areas, oil and gas, as well as emergency preparedness a step further into creating an international arena for testing of equipment, education and R&D.

MARPART organizes a session on maritime emergency preparedness and international cooperation at the Arctic Frontiers 2018 – Connecting the Arctic – conference.

Join us in Tromsø; January 2018 (Thursday 25th; 13:00 - 15:00)

The side event will be devoted to Arctic maritime activity areas and the need for robust emergency preparedness response. We present the results from the Marpart-project on maritime preparedness and international partnership in the High North.

The side event will focus on the challenges of building maritime preparedness capabilities in the Arctic. We map future activity level and risk areas in the High North and reflect on the needs for emergency preparedness and competence. We also reflect on coordination and management of emergency response efforts nationally and across borders.

The program is available at:

<https://www.arcticfrontiers.com/program/session/?id=ASE026>

The UArctic thematic network on "Arctic Safety and Security" creates a meeting place at the UArctic congress in Helsinki Sept 2018.

The UArctic thematic network on Arctic Safety and Security will arrange a session called "Innovative collaboration within Arctic safety and security management" at the UArctic Congress Sept 5-9, 2018 in Helsinki. This thematic network includes 22 universities and research institutes in eight countries. New members are welcome.

For more information please contact: Professor Odd Jarl Borch, odd.j.borch@nord.no (network leader) or PhD-fellow Ensi Roud (network coordinator) ensieh.k.roud@nord.no



*We wish you a Merry Christmas
and a Happy New Year!*

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