

MOSES Pilot Demonstration

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- Welcome
- Introduction MARIN
- MARIN Scope in MOSES Project
- Program



This project has received funding from the European Union's horizon 2020 research and innovation programme under grant agreement No. 861678.



Better ships, Blue oceans

Clean, smart and safe shipping, sustainable use of the seas





safe shipping

infrastructure of the future

renewable energy and food

autonomy & decision support

ships for safety and security at sea

zero emission ships

Citation



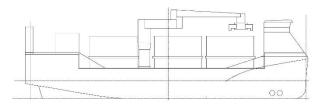


MARITIME EXPERIENCE LAB (MX-LAB)

FULL MISSION BRIDGE (FMB)

LARGE MOTION BASE (LMS)

- T3.1 Innovative Container Feeder Design
 - Dimensions, general arrangement, hull shape
 - Energy concepts, service speed
- T3.2 Autonomous Operation
 - Vehicle control, autonomy
 - Time-domain simulations (Mykonos-Piraeus)
- T7.3 Pilot Demonstration
 - Scale model of the Feeder Vessel
 - Demonstration of the autonomous operation









Demonstration - Seakeeping and Manoeuvring Basin (SMB)





Program - Thursday September 14, 2023

MARIN

Hans Cozijn

Hans Cozijn

Nikolaos Ventikos

Gerco Hagesteijn

Hans van den Broek

- 09:30 10:00 Welcome and Registration
- 10:00 10:15 Introduction
- 10:15 10:45 Horizon2020 Project MOSES
- 10:45 11:15 Coffee Break
- 11:15 11:45 Design of the Container Feeder Vessel
- 11:45 12:15 Robotic Container Handling System
- 12:15 13:00 Lunch
- 13:00 13:30 Autonomous Operation of the Container Feeder Bas de Kruif
- 13:30 13:45 Safety Instruction & House Rules
- 13:45 14:00 Walk to MARIN Model Basin
- 14:00 16:00Pilot Demonstration Seakeeping & Manoeuvring Basin (SMB)16:00 17:00Drinks

Thank You !





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