



Welcome to
MarinLab



Høgskulen
på Vestlandet

Department of Mechanical- and Marine
Engineering, Bergen, Norway



Western Norway
University of
Applied Sciences

Introduction

The purpose with this leaflet is to give you an introduction to the MarinLab facility in order to make the cooperation with you as smooth and efficient as possible. Work environment and safety are highly prioritized in MarinLab and everybody are required to follow the guidelines given in this leaflet.

The MarinLab is a research and educational facility at the Department of Mechanical and Marine engineering, at Western Norway University of Applied Sciences situated in Bergen, Norway.

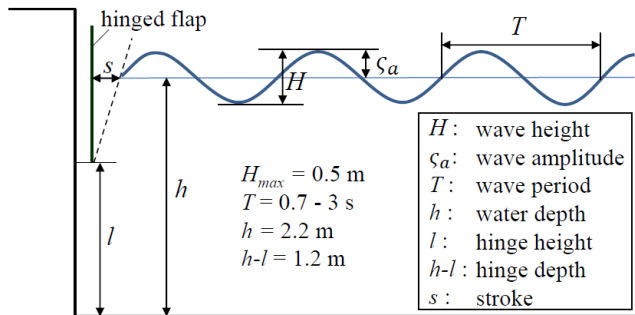
In the MarinLab the goal is to work with traditional ship hydrodynamics, underwater vehicles and environmentally friendly ocean energy such as offshore wind, wave energy and tidal energy. These subjects are both part of our education and research at the department.

MarinLab main features

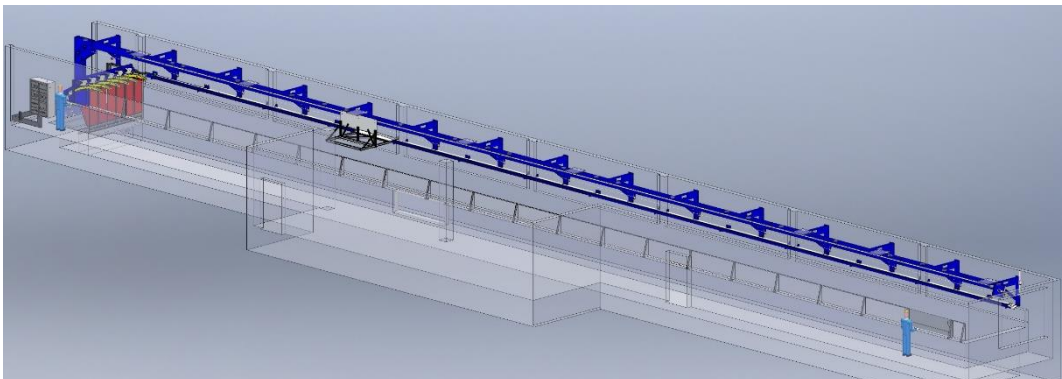
Tank length: 50 m
Tank width: 3 m
Water depth: 2.2 m

Wave generator installed by
Edinburgh Designs:
6 flaps with force based feedback

Towing carriage:
Easy access
Linear encoder positioning
5m/s , 1.2m/s²



Perforated wave absorbing beach



Safety

- Never work alone, always 3 persons in MarinLab when working over water
- Always use a life vest over water
- Read emergency call information at the back of this leaflet
- Make sure you know the location of fire extinguishers, eye wash, first aid equipment and other safety equipment
- Handling with resins and glues require special protection, ask our technicians about correct equipment and where to find it
- It is not allowed to run the wavemaker or carriage without thorough instructions from technician. When you have permission, always make sure the tank is clear and that the carriage or equipment on carriage cannot hit anyone/anything
- Wash hands after handling ballast weights made of lead
- Do not do anything you are not comfortable with, just because you cannot find a technician, wait, work with something else and ask for assistance

House Rules

- First time in lab? Get introduction to the laboratory by a technician
- Access allowed between 8:00-16:00 Monday to Friday, if not otherwise arranged with technician or supervisor. Permission depends on experience with equipment.
- No eating and drinking in the MarinLab, except water
- Do not throw/leave food waste in the MarinLab
- Tidy up your working area when you leave, store your items in a box and place it on the shelves in the MarinLab. If you need to leave something out overnight, put a note on it
- Generally, keep it clean and tidy. Unexpected visits with external companies and research partners can occur anytime. Technicians are not there to clean up after you. (Lower and put back chairs under tables, vacuum clean if necessary, someone else will do it for you next time!)
- Do not leave personal items on PC control table
- Put back tools and equipment on their designated locations
- Put back ballast weights on ballast table or on the floor in storage room D015, no personal items on ballast table. Put a note on ballast in use.
- Use Dropbox or similar to move data files from lab PCs or ask technicians, do not use your personal USB memory stick
- Respect priority of other work in the laboratory
- Plan your work, remember that supervisors and technicians are involved in other work as well

After working with us

- Backup your data from lab PC
- Provide feedback to supervisors and technicians
- Share your experience and knowledge
- Welcome back!



Contact

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Nødsituasjon / In Case of Emergency

Call 113: Medisinsk nødtelefon / Emergency

- vær rolig / keep calm
- si hva som har skjedd / tell what has happened
- hvor er du / where you are :

**Inndalsveien 28, Høgskulen på Vestlandet, Bergen Campus Kronstad,
rom D014, nærmeste inngang D sør-øst side hovedbygg**
room D014, closest entrance D, south east side of main building

Call 110: Brannvesenet / Fire

Call 112: Politi / Police

Call 116117: Legevakt, ikke livstruende / Non-life-threatening medical help