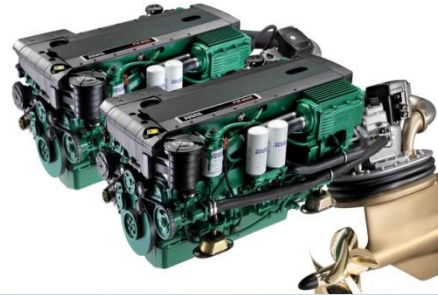
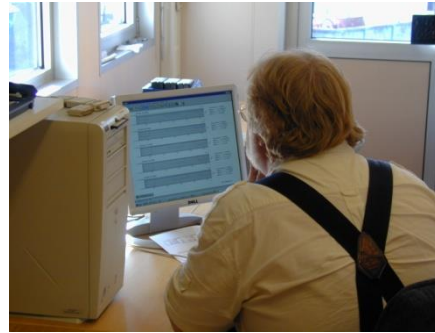


# **VOLVO PENTA**

**Marine test center**

- 1 Manager, 8 Test engineers, workshop manager & 12 Mechanics
- Plan marine test activities in projects
- Perform driveline installations & modifications
- Develop test codes for repeatable tests
- Evaluate and report all performed tests
- Test on complete drive lines and gensets
- Type of tests  
Performance, endurance, drivability. Noise and vibration
- > 30 Boats from 18" to 70"
- All types of installations, I/O, IPS, inboard & V-drive.
- Boat driving, endurance tests and demonstrations
- Facility development and maintenance.
- Conference capabilities

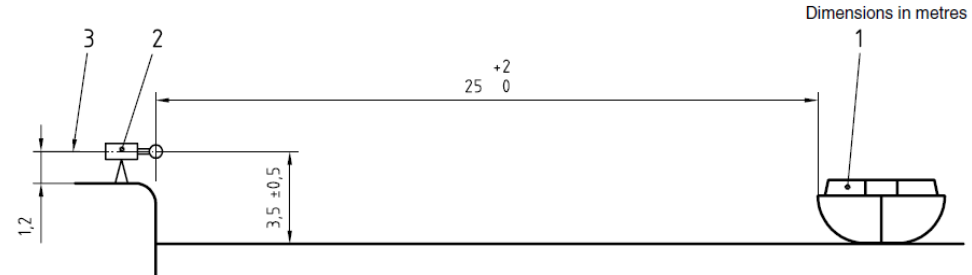
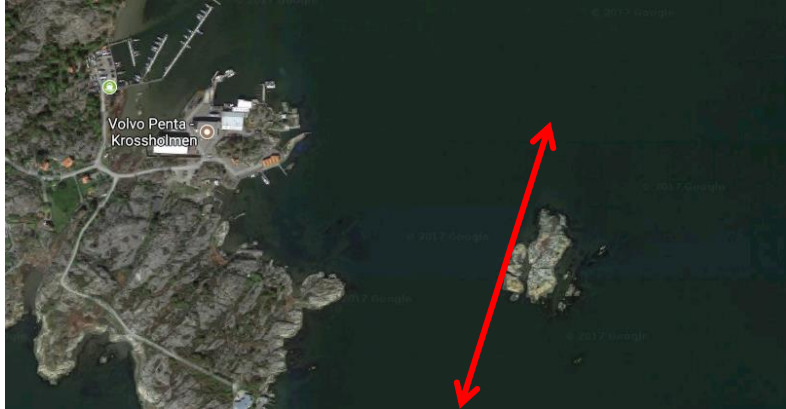


# Selection of boats from our current fleet



# Noise certification at Volvo Penta according to ISO14509

The certification is made ~500m east of the marine test centre.



The boat passes the microphone at a distance of 25m at full speed, in both directions



## Legislation

**Directive 2013/53/EU of the European Parliament and of the Council of 20 November 2013 on recreational craft and personal watercraft and repealing Directive 94/25/EC.**

*European Union directive sets out minimum technical, safety and environmental standards for the trade of boats, personal watercraft, marine engines and components in Europe. It covers boats between 2.5 and 24m, personal watercraft, engines and a number of components. It ensures their suitability for sale and use in Europe.*