

Target group	The course is particularly intended for people who work directly or indirectly with hydrographic surveys.
Preliminary training	Using / knowledge of the tide in actual practice or the of the "Survey: Introduction Hydrografy" course.
Contents	<p>This course gives the student a clearer insight into the origin of the tide and how the tide affects bathymetric recordings. The tide causes a change in the water level over a certain period. This is the reason why bathymetric recordings must be corrected to be able to relate the recordings to a fixed reference level. Defining the correct water level at the place of the survey is therefore crucial. The course will deal with the theory of the tide and the existing types and differences. Also the various tide prediction methods and tide registration methods will be dealt with.</p> <p>The following subjects are dealt with:</p> <ul style="list-style-type: none">• Theory: History, Equilibrium model, Spring tide and neap tide, Variations• Astronomical tide• Age of the tide• Vertical Datums• Measuring Tide: Tide measuring instruments and their installation and calibration• Tide predictions: De culmination method, The harmonic analysis, Tide prediction software, ATT method• Meteorological influences
Duration	1 day, lessons from 09.00 to 16.30
Price	€ 390,00 exclusie VAT including lunch, book(s)/handouts
Starting date	On request
Completion	Certificate of attendance
Particulars	If there is sufficient interest, the course can – on request for a quotation – be given at any desired location.
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