

Target group	<p>This course is intended for people who received no formal hydrographic training but who do work, or want to work in this field.</p> <p>The course provides <i>inter alia</i> a thorough basic knowledge for functionaries who frequently work with hydrographic recording and processing software and/or functionaries who frequently work together with hydrographers.</p> <p>The course is not only intended for the operational staff but can also provide the management team with valuable insights into the subject matter.</p>
Preliminary training	<p>No special preliminary training required.</p>
Contents	<p>This course deals with the currently used hydrographic survey methods and measurement principles. The proper terminology will of course not be avoided.</p> <p>The course deals with geodesy, positioning, data acquisition of "single" and "multibeam" echo-sounding systems and other sensors such as "Side Scan Sonar" and "Sub-bottom Profilers" with its accuracies.</p> <p>The following subjects are dealt with:</p> <ul style="list-style-type: none">• Geodesy: Ellipsoid, Geoid, Projections such as RD, Datum transformation, vertical datums and reference planes such as NAP• Positioning: Basic knowledge, GPS, DGPS, RTK, Underwater positioning• Bathymetry: General, Single beam, Multibeam• Other systems: Side Scan Sonar, Sub Bottom Profiler, Sound velocity meter, Land surveyor's equipment.• Quality assurance: DGPS Accuracy, Error detection, Statistics• Tide: Theory, Observations, Predictions <p>All subjects are handled in such a way that sufficient basic knowledge is dealt with. This course can be followed by several system-specific courses, including DGPS & RTK systems, single beam echo sounding en data processing.</p>
Duration	<p>2 days, lessons from 09.00 to 16.30</p>
Price	<p>€ 750,00 exclusive VAT including lunch, book(s)/handouts</p>
Starting date	<p>On request</p>
Completion	<p>Certificate of attendance</p>
Particulars	<p>If there is sufficient interest, the course can – on request for a quotation – be given at any desired location.</p>
Information	<p>STC-BV Lloydstraat 300 3024 EA Rotterdam Tel. +31 10 4486000 or 4486433 Fax +31 10 4486029 E-mail wiegman@stc-r.nl www.stc-bv.nl www.stc-group.nl</p>

