

Survey: Motion and Course sensors

ST-MOT

Target group	The course is practically-oriented and is intended for people who either already work with these systems or work together with hydrographers daily.
Preliminary training	Using / knowledge of Motion and / or course systems in actual practice or the "Survey: Introduction Hydrography" course.
Contents	<p>This course deals with ship's motion that influences position and depth soundings. This motion relates to position, course and speed and is often defined in terms of heave, roll, pitch and yaw. These systems are often considered black-box systems that are installed once and will function properly from then on. This course will pay special attention to the effect of wrong adjustments to the measuring results. Also calibration procedures and calculations will be dealt with.</p> <p>The following subjects are dealt with:</p> <ul style="list-style-type: none">• Stability and movement of vessels• Motion sensors: Construction, Installation, Calibration and use• Course from positioning• Magnetic (fluxgate) compasses• Gyro compasses: Construction, Calibration, Control and use• Velocity from positioning• Doppler log• Inertial Navigation systems• GPS Azimuth systems
Duration	1 day
Price	€ 390 per person, minimum 6 attendees 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.
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> 