



**SEAMAP**  
A MIND Technology Business

## SEAMAP U.K. TRAINING

### BUOYLINK EX - OPERATOR TRAINING COURSE

- We run courses to meet customer demand and are happy to attempt to accommodate any date convenient to your crews. To check whether a course date is available please email: [seamapsales@mind-technology.com](mailto:seamapsales@mind-technology.com)
- Our courses require a minimum of 4 delegates and a maximum of 6. If you have less than the required quota, we can advertise the dates to other companies to make up the full delegate requirement.
- Seamap also offers a GunLink Operators Training Course, plus Advanced Engineering Training Courses for GunLink 2000 and 4000. Full details are available by emailing [seamapsales@mind-technology.com](mailto:seamapsales@mind-technology.com)
- Seamap must be in receipt of a purchase order to guarantee places. Seamap (UK) Ltd. reserves the right to cancel courses if attendance is too low. To avoid disappointment, please book early as demand for places is high.



#### *Course Venue*

*Seamap's on-site training facility in Shepton Mallet, Somerset, in the South West of England. Duration: 1.5 days.*

*BuoyLink is designed to require a minimum amount of operator intervention, but is a complex and feature-rich system. In order to achieve a state of high operator confidence (one which makes the job easier and your company's production improved), good training is essential.*

BuoyLink uses the latest GPS receiver technology, mounted on shock isolated frames in ruggedised housings, to provide an improved solution for sub-meter positioning. Bundled software provides a range and bearing solution for Integration to the most modern Navigation Platforms.

BuoyLink utilises a 120 channel multi-constellation state-of-the art GPS receiver which incorporates technology that offers significant multi-path elimination capabilities that are advantageous for small platform operation in ocean environments.

The course is geared towards first-time users or those with little experience of the system, but also serves as an invaluable tool for those that have used the system extensively but would benefit from expert tuition on the many facets of the software.

The course is a combination of lecturing with the use of a projector and flipchart, software driven examples, and hands-on experimentation. The course agenda detailed below is an outline of the material covered. Please note that actual content may change as we like to adapt the course to suit the personnel, their specific requests and their company's use of BuoyLink.

Students are provided with a set of course notes as well as stationery for making their own notes. No previous knowledge of the system is required. Delegates are not required to bring anything to the course. Students will all receive certificates on completion of the course. These will be handed out at the end of the course or posted to your company's head office shortly after course completion.

All accommodation and travel to and from the course is the responsibility of the delegate. The course runs from 09:00 until 17:30 on day 1, and from 09:00 until 13:30 on day 2. To ensure course content isn't missed we do ask that you book any return flights with a departure time of no earlier than 16:00 on the last day of the course.

Refreshments are provided during the breaks, and water is provided throughout the course. Lunch is provided on both days. If delegates have particular dietary requirements, special requirements, allergies or are registered disabled then please email [seamapsales@mind-technology.com](mailto:seamapsales@mind-technology.com) with details at least 5 working days in advance of the course start date. All information will be treated in the strictest of confidence. All UK enclosed public places, including training rooms, are non smoking. We therefore ask delegates to respect this at all times during their stay.

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### Printed Materials for Course Delegates:

Supporting documentation as necessary to include Buoylink technical information, and relevant support information from third party packages including the RTKNav processing suite and Storm interface module as appropriate.

### Course Schedule:

	Times
<b>Morning Session 1</b>	09:00 - 10:30
<b>Morning Break</b>	10:30 - 11:00
<b>Morning Session 2</b>	11:00 - 12:30
<b>Lunch</b>	12:30 - 13:30
<b>Afternoon Session 1</b>	13:30 - 15:15
<b>Afternoon Break</b>	15:15 - 15:45
<b>Afternoon Session 2</b>	15:45 - 17:30

### Course Agenda:

#### 1. Introduction to RGPS

#### 2. BuoyLink Ex System Overview

- System Interconnection
- Module types
- Technical description
- Dataflow

#### 3. Software

- Description
- Configuration
- Network configuration
- Multiengine
- Config files
- Interfacing with INS

#### 4. Operation

- Ex Gate features
- Ex DMX features
- Visualisations; Data Consolidation Table, etc.
- Output formats, Seatrack

#### 5. Hardware Configuration

- Radio setup
- GPS setup
- Adding new/repaired module

#### 6. Troubleshooting and Repairs

- Setting up a diagnostics system; GPS rerad,
- PSU, cables, PC, etc.
- Ex inbuilt commands
- IrDA
- RS232
- Firmware
- Logging data to file
- PC Reinstall
- Board replacement

#### 7. Company specific information

- 2s update rate setup
- RF frequency band isolation
- Antennas, Master external conversion kit
- RTKNav.

#### 8. Introduction to 4DX

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