

# Smartship Australia

## Shiphandling and Bridge Teamwork (BTM)

The course aims at developing individual shiphandling skills as well as team player skills and is ideal for Marine Pilots and Senior Deck Officers/Masters.

In order to maximize time spent manoeuvring in Full Mission Bridge Simulators, trainees will have to study a shiphandling theory package sent to them before attending the course.

This package constitutes the knowledge base of the course and includes both technical and non-technical concepts in the field of:

- hydrodynamics (water flows and waves)
- ship propulsion systems
- steering systems
- interaction effects
- environmental forces
- anchoring
- tug use in port
- cognitive potential and limitations
- physiological potential and limitations
- human error
- verbal and non-verbal communication.

The course has been developed in accordance with IMO model course 1.22 (Ship Simulator and Bridge Team Work) Ed. 2002.



### Simulator scenarios are customised for specific pilotage needs.

Trainees can connect their Portable Pilot Units to the Integrated Navigation System to enhance the realism of the simulation.



World class, high quality simulator training is guaranteed by a maximum number of 6 trainees per course.

### Pricing and Timing of Courses

Shiphandling and BTM courses are run at regular intervals throughout the year. For the latest dates and current pricing, see Smartship's website for details.

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AEDT during business hours



**Website**  
[www.smartshipaustralia.com](http://www.smartshipaustralia.com)

**This course equates to 20 points for professional development valid for 5 years as per the Training Standards for Australian Marine Pilots.**