



# SAMUNDRA INSTITUTE OF MARITIME STUDIES (SIMS)

*Graded A1 outstanding with 97.8% marks (Top amongst Maritime Institutes in India), obtained in the inspection conducted by the Government-recognised independent body ClassNK, Japan (Nippon Kaiji Kyokai) – largest classification society in the world*



## THEORY AND PRACTICE OF LARGE CONTAINER VESSEL HANDLING (TPCV)

**DURATION:** 2 days

**CONDUCTED AT:** SIMS Mumbai

**OBJECTIVE:** The course is helpful to senior officers for learning ship handling skills for large container vessels (20000 TEU, LOA 400 meters) for berthing, anchoring & manoeuvring in congested waters. The large container vessel has bow thruster and also tugs are used for manoeuvring. The officers get opportunity to handle various emergencies during ship handling.

Also, for junior officers, the practice of handling vessel in congested areas and in adverse conditions like weather, visibility and heavy traffic in Gibraltar Strait, Dover Strait and Malacca Strait.

**SUBJECT AREAS:**

- Rate of Turn / Wheel over Point;

- The Pivot Point and its usage
- Current and wind effects
- List due to wind
- Thrusters;
- Tugs;
- Anchoring;
- Interaction,
- Squat calculation

**USP:** The training institute has got Bridge Simulator with large projector screen with 240 Deg front view. The large vessels consist of 20000 TEU container vessel for learning ship handling skills. The vessels are supported by tugs for manoeuvring in harbour.

The theory is explained during the class room interaction with officers.

**ELIGIBILITY:** Deck officers holding certificate of competency.

For Course Bookings, please contact our Training Co-ordinator at [training.sims@samundra.com](mailto:training.sims@samundra.com) or call **+91-9819811366**.

[www.samundra.com](http://www.samundra.com)