



# ICON DYNAMIC POSITIONING SYSTEM VER 2.X & VER 3.X

## MAINTENANCE COURSE OVERVIEW

### OBJECTIVE:

After completing the course, the participants should be able to identify and define the design and functionality of the ICON DP System.

The participants will practice on the ICON DP graphical user interface and perform both preventive maintenance and “hands on” fault finding in collaboration with DP support in order to promote the reliable and efficient operation of the equipment and ease communication with service personnel when assistance is needed.

### COURSE CONTENT:

- I. System Description- General description of the Dynamic Positioning System including graphical user interface(GUI), main functions, software versions, different interfaces on the GUI, operating principles, networks, alarm indications, alarm system, parameters, sensors, position reference systems and system handling.
- II. System Operation- Overview of the DP system main components, scope of supply, hardware components, operator stations, control cabinets, I/O system, cabling, position reference units, drawing layout and communication standards used.  
A complete DP2 system will be available to trainees for “hands on” training in fault finding.
- III. Practical Training Exercises- Download log files and export log files to DP support, reboot ICON DP(cold/warm), recalibrate touchscreen, change and calibrate the panel PC, replace OS computer, change marine controller, POSCON system, detect faults and find and implement solution.
- IV. Maintenance recommendations- Daily, weekly and monthly onboard maintenance, utilizing test equipment and proper tools, claim reporting and support.

### COURSE DETAILS:

Location	Aalesund, Norway and Rio de Janeiro, Brazil
Duration	5 days
Target Group	Technical personnel, Engineer/Electrical
Group size	Maximum 8 Participants
Teaching Method	Classroom and Hands-on training in technical room
Course code	DPT003 Ver 2.X/Ver 3.X Maintenance

### For further information please contact:

Thrustmaster of Texas INC.  
6900 Thrustmaster Dr.  
Houston, TX 77041

Phone: 713-937-6295  
Email: [service.icon@thrustmastertexas.com](mailto:service.icon@thrustmastertexas.com)