

Type Specific

Reconfigurable

Maritime

Helicopter

Fixed Base

Mobile Training Station

Maritime Simulation

Oil Rig - Ballast Control Simulator (BCS)

F2Si's new Maritime Simulation device is designed to replicate the full range of possibilities found in the complex, dynamic environment of today's offshore drilling. The Ballast Control Simulator (BCS) is a groundbreaking device that is not limited to a specific class of rig. The BCS has the design versatility, with its touch screen interface that allows the user to switch between different rig class configurations, immersing the trainee in the most realistic environment possible, covering a rig's most crucial systems and scenarios whether it is a two/four hull semisubmersible, DP or jack up.

F2Si's all-electric [6 degree-of-freedom motion base](#) design allows for a smooth, quiet, and nearly maintenance-free operation, while the F2Si patented motion base interface provides the sophisticated motion cueing typically found only on million-dollar hydraulic motion bases.



A touch screen console allows the simulator to represent more rig classes at a lower price. Each screen can be designed to meet the specific switches, pumps, valves, etc. on your rig. These devices have the control necessary to operate the mooring system, jack up systems and junction control system to name a few. In the same manner as with flight simulation, F2Si uses their experience with [Instructional System Development \(ISD\)](#) to incorporate the most critical tasks into the simulation device.

