

ROV Simulator

Marine Simulation released ROVsim O&G, an undersea simulator specifically designed for oil and gas industry inspection and working class Remotely Operated Vehicles (ROV). Besides being their first offering in the working class ROV/oil and gas industry, ROVsim O&G includes a number of new features and capabilities.

A complete ROVsim O&G simulator includes three separate software applications: the main ROV Simulator, a separate navigational SONAR Module, and an instructor's Control Module. The main ROV simulator encompasses a mission area of over 25 sq. km (10 sq. miles) and includes a complete oil platform, 8 km (4 miles) of submerged pipeline and a working drill ship. The ROV in this simulation is deployed by a Tether Management System (TMS) cage from a support ship, which are also simulated. The instructor not only has full control of the environment and casualties that the ROV is operating in, but also controls the surface support ship and deployment cage with an easy to use, graphics display. Like its previous offerings, Marine Simulation LLC's ROVsim O&G also includes a Custom Mission Designer which allows the user to build their own mission environments from either the selection of included models or import models from a variety of sources, thus providing a nearly unlimited number of missions for the user to explore. All ROVsim simulators are designed to operate on low-cost personal computers and are compatible with "off-the-shelf" components. ROVsim O&G is available for Microsoft Windows XP, Vista and the upcoming Windows 7 operating systems.

<https://www.hydro-international.com/content/news/rov-simulator>
