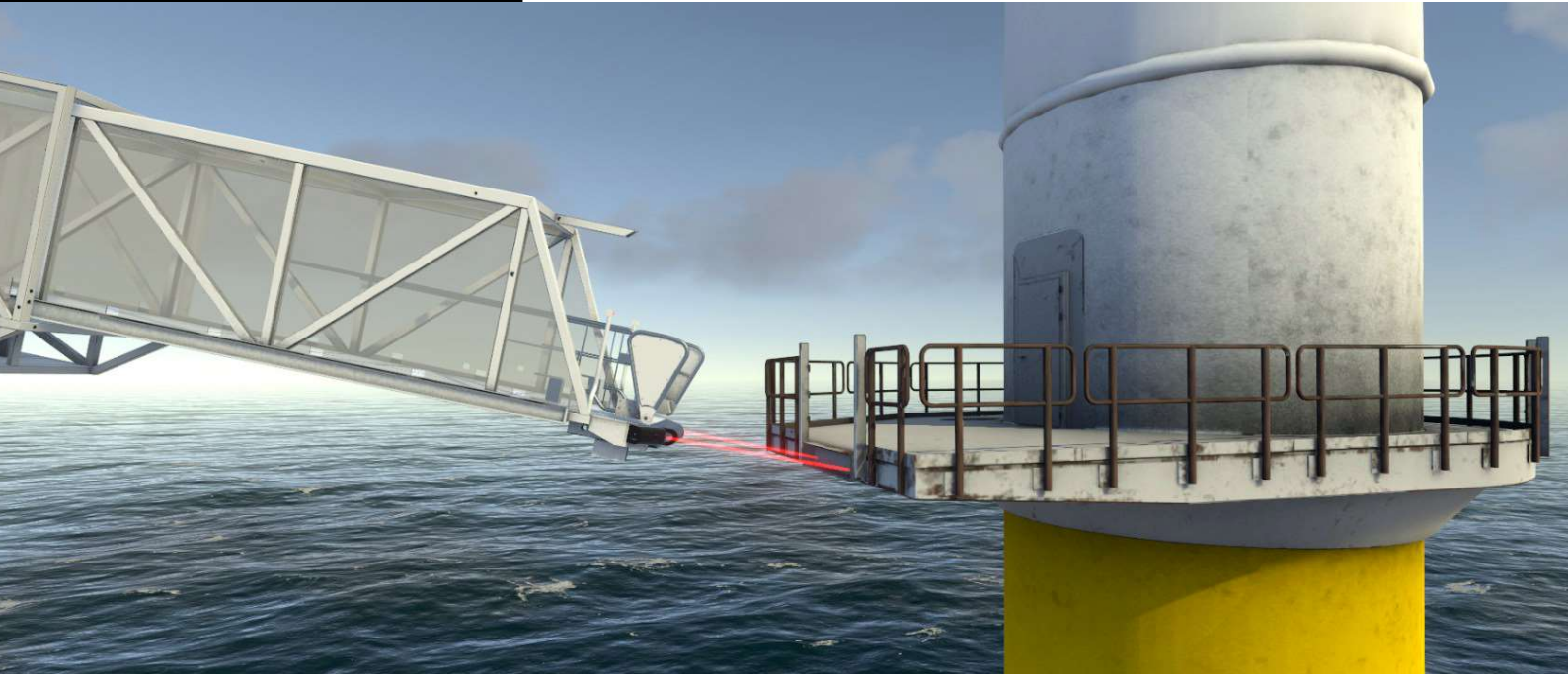


Automated Landing



Automated Landing

Controllab has developed motion compensation controllers for a wide range of access bridges. In most cases the tip is landed onto a U-profile steel bar. Controllab can extend this controller to facilitate automated landing

Sensors

A key point in automated landing is coarse and fine detection of the landing point. A gps sensor will be give the position of the landing site with an accuracy of 1 m. Then an array of sensors will detect the landing point with an accuracy of several centimeters. Controllab can help with the testing and incorporating of these sensors into the control system.

Collision Detection

During the automated approach to the landing spot and during retraction, no part of the access bridge may collide with the wind turbine platform. Controllab has proven software algorithms for collision detection, which can be integrated into the motion control compensation software.

Track Record

Controllab is the only independent supplier of motion compensation control systems in the offshore wind industry. We have worked for all of the main companies in the offshore wind industry. Please contact us for help on automated landing.

Contact Us

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