Makai Simulator

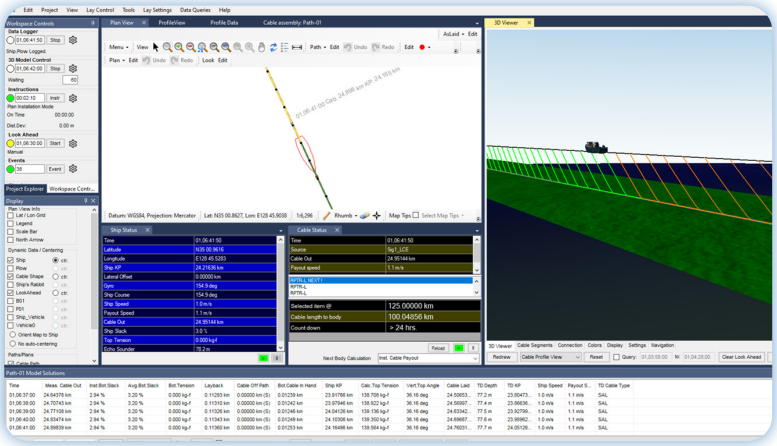
REALISTIC TRAINING FOR SUMARINE CABLE INSTALLATIONS

Makai Ocean Engineering has developed the Makai Simulator to help cable installers train qualified MakaiLay operators more efficiently and safely than ever before.

The system includes two integrated parts:

- **Vessel Simulator** – Simulates real-time vessel, cable engine, and plough data.
- **Training Simulator** – A desktop version of MakaiLay that uses the simulated data to replicate real cable laying operations.

Together, they create a highly realistic training environment that mimics shipboard operations and supports a variety of training scenarios.



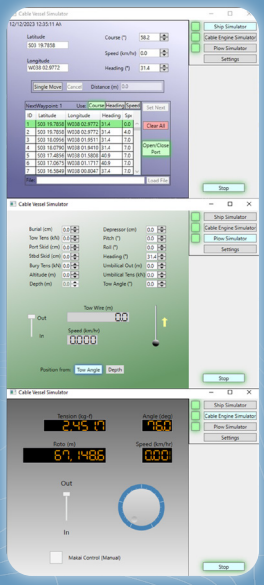
FLEXIBLE TRAINING MODES

- Instructor controls the vessel, trainees operate MakaiLay
- Instructor operates MakaiLay, trainees act as DP/LCE operators
- Trainees control both the vessel and MakaiLay in self-guided sessions
- Predefined vessel paths with trainees controlling only LCE
- Multi-user simulations with competing teams or coordinated DP/LCE roles

BENEFITS OF THE MAKAI SIMULATOR

- Train MakaiLay operators in a realistic, controlled environment
- Prepare for routine tasks and emergency situations
- Practice upcoming projects to reduce risk and improve execution
- Sharpen coordination between MakaiLay and LCE operators
- Explore reporting tools and As-Laid path generation

The Makai Simulator allows MakaiLay operators to prepare for the most challenging submarine cable installation tasks from the safety and comfort of their office. This targeted training approach enables MakaiLay operators to gain experience usually acquired over years in a much shorter timeframe!



MAKAI OCEAN ENGINEERING

Contact us today!

www.makai.com
cablesales@makai.com
+1 808-259-8871