

Port and lock maintenance—pcX-3D

Case Study



Prolec's pcX-3D systems are used in projects to profile slopes, dredging new port entrance channels, slope trimming as well as in other large dredging operations.

Prolec was chosen to supply its pcX-3D to Dredging International at various locations in Europe, Middle East and Belgium. The systems have been used for projects that include profiling slopes at a new lock in Aspet, dredging a new entrance channel for the port of Ostend (Belgium's largest passenger ferry terminal) and slope trimming at Kruikeke.

The systems have also been used for dredging operations at Zandvliet and Berendrecht locks, which are the largest in the world.

Dredging International sees the ability of Prolec to respond rapidly to their changing needs as a major factor in choosing pcX-3D for these types of projects. They also state that Prolec's marine grade AS8 angle sensors are important when considering systems to be used in a marine environment.

Who

Dredging International

Summary

Dredging International uses Prolec's pcX-3D system for projects including profiling slopes in Aspet, dredging a new entrance channel for the port of Ostend in Belgium and slope trimming at Kruikeke.

Services provided

- Utilising a system that rapidly responds to changing situations and requirements
- Use of Prolec's marine AS8 sensors which are important for use in the marine environment

Benefits delivered

- Use of multi-screen views (up to 4)
- The ability to compare the 'as built' to the design in real-time alongside the fully rendered 3D topography
- Features ensure that complete control is retained over dredging operations at all times

