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State of the Art GPS Guidance Software Developed at UNBF

The seaports of the world present a huge challenge to those who work there. Shipping containers, 20-to-40 feet in length, have to be stacked within inches of each other, and the slightest mistake could result in thousands of dollars in damage.

Two researchers at the University of New Brunswick in Fredericton have developed guidance software to simplify this enormous task. Donghyun Kim and Richard Langley of the department of geodesy and geomatics engineering, contracted by Seoho Electric Company Ltd. of Korea, have created a guidance system to steer giant port cranes using the Global Positioning System (GPS).

Read more here and in GPS World. Movie of the system during testing: QuickTime (low-res, 11 MB) AVI (high-res, 70 MB).

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