



ENERCON

Test des revolutionären E-Ship

The so called E-Ship is a 130 m freighter that launches a view weeks ago. „E“ stands for Ecology as well as for Experiment. The special is: A big part of the required energy that the ship drives provide 4, 25 m high Flattner rotors. This system that can revolutionary the shipping industries uses the Magnus effect.

Gantner delivers the measuring system for the of this very environmental friendly drive. Force, strain and other measures of the 25 m high rotors has to be detected.

The reason to use GI products was the distributed location of the measuring points and the possibility to measure up to 1 kHz synchronized signals.

The measurement modules e.bloxx A1 and e.bloxx A6-2CF are located closed to the rotors and measure the signals in very closed distances to the sensors. Via a synchronized serial interface all measured data will be transferred to a Test Controller. The Test Controller is for further conditioning, storin and interfacing the data.



