We have to retain a cargo ship in the case of a failure in an unloader that is used to discharge bulk cargo, such as iron ore or coal, from the ship!

The unloader is huge, and it moves and rotates. It would be convenient if we could control the unloader wirelessly!

We need to monitor the motor temperature, vibration, and power consumption as well, for the predictive and preventive maintenance of the unloader!

The unloader refers to a cargo landing machine that is installed at a berth, such as a pier, to discharge ore or other bulk cargo from ships.

You can conduct predictive and preventive maintenance of existing crane equipment by simply retrofitting sensors.

It is possible to retrofit sensors wirelessly, with no wiring work required.

You can take the measurements necessary for predictive and preventive maintenance.

Predictive and Preventive Maintenance

No Wiring Work

Possible to Obtain Measurement Signals

M-SYSTEM CO., LTD.
www.m-system.com
The DL8 makes trend graphs and sends email reports!

The transmission is wireless, and so does not need signal wiring. Furthermore, the system is economical because the monitoring system can be built up in a short period of time!

It is time to replace parts when the vibration begins increasing!

For the DL8 and the Remote I/O R7 Series in detail, see M-System's website.

Free communication charges and no license fees.

Reaching a long line-of-sight distance, up to 0.62 mile (1 km). (*1)

Excellent wave propagation characteristics

For the DL8 and the Remote I/O R7 Series in detail, see M-System's website.

(*1) Be sure to conduct a signal strength site survey before introducing wireless modules.

(*2) This device is approved for use only in the US.

Your local representative:

www.m-system.com
info@m-system.co.jp

Specifications are subject to change without notice. When ordering, use the latest data sheets available at M-System web site: www.m-system.com