

Completion of the project "Swinoujscie LNG terminal" in Poland

Summary

Syscom is proud to announce the completion of the project "Swinoujscie LNG Terminal" in the Northwestern part of Poland. The terminal has been built to import liquefied gas from Norway, Qatar, Egypt and USA and to distribute it in many countries of Eastern Europe.

In order to increase the safety of the plant, the supervisors decided to install strong motion systems to control the seismic activity and to immediately alert the site managers in case of earthquakes.

The MARMOT system made by Syscom has been selected due to its certifications in Class A (IEC 61226) and SIL 3 (IEC 61508, in triple redundancy), and it has been installed in the plant during the first months of 2016.

The MARMOT system in the Swinoujscie LNG Terminal is able to record the data simultaneously from four MRSK, including a recorder and a triaxial accelerometer, and to automatically activate the alarm relays in case of:

- Common trigger (at least 2 devices out of 4)
- Common OBE (at least 2 devices out of 4)
- Any error on the system

Project summary

Site name: Swinoujscie LNG Terminal, Swinoujscie (Poland)
Recorders: 4 MRSK in Ex d enclosure
Central unit: NCC in a cabinet with power units, PC, display and printer
System activation: May 12th, 2016

About Syscom

SYSCOM Instruments is part of Terra Insights platform of trusted monitoring technology brands. Terra Insights is the industry's first, end-to-end sensor to cloud data delivery platform that supports proactive, risk-informed decision making and monitoring. SYSCOM Instruments SA is a leading supplier of vibration and seismic monitoring equipment for the civil engineering and safety markets, in particular for nuclear power plants and LNG plants. The reputation of SYSCOM Instruments SA is based on the reliability of its products, resulting from a meticulous control of all aspects of design and production.

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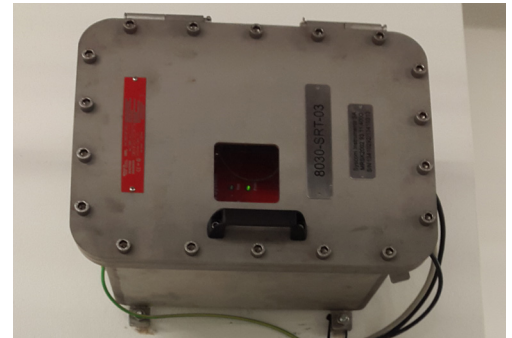


Figure 1. MRSK in EX d enclosure.



Figure 2. The cabinet in the control room.



Figure 3. Side view of the plant with the two tanks.