

## Completion of the project “Swinoujscie LNG terminal“ in Poland

### Summary

Bartec 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 Bartec 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

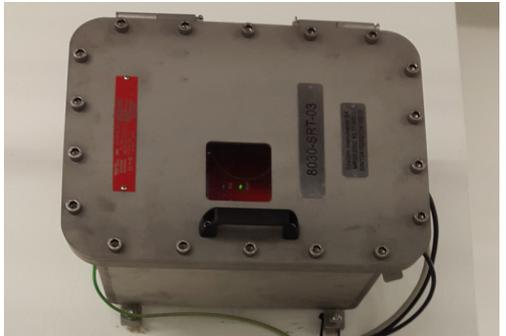


Figure 1. MRSK in EX d enclosure.



Figure 2. The cabinet in the control room.

### About BARTEC SYSCOM

SYSCOM Instruments SA is a subsidiary of BARTEC GROUP, a multinational manufacturer of industrial safety equipment. SYSCOM Instruments SA is a leading provider of vibration and seismic monitoring equipment for civil engineering and safety related markets, especially for NPP and LNG plants.



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