

PIAP at the NATO EOD Demonstrations and Trials 2014

By: Andrzej Woźniak, Foto: PIAP



EXPLOSIVE ORDNANCE DISPOSAL CENTRE OF EXCELLENCE

located in Slovak Republic, has been established on 28th April 2011. The primary mission of the Centre is to support NATO members with training, development and lessons learned implementation as well as standardization.

One of tools of the trade to fulfil this mission are workshops and conferences – one of them took place from **30th September to 2nd October** in Trenčín. The **NATO EOD Demonstrations** and Trials 2014 is an exhibition coupled with dynamic equipment demonstration, discussion panels and lectures. 140 EOD experts from 26 countries and more than 40 exhibitors from 14 countries (both from Europe and outside - from Israel the USA or Canada) participated in workshops. Among them delegations from the Military University of Technology, Jakusz company and PIAP.

Piotr Szynkarczyk, Łukasz Różycki, Mateusz Wasilewski and Andrzej Woźniak constituted PIAP delegation, that brought along to Slovakia two possibly the most recognizable of **PIAP's** robots – **GRYF®** and **IBIS®**. The goal of delegation's participation was to showcase both devices for wide group of experts.

This workshop edition was themed „New Technologies – assistance and limitation of the EOD in post – ISAF era”, so that experiences from Afghan operation concerning combating and neutralization of Improvised Explosive Devices, were the leading subject for this event.



PIAP GRYF®

The PIAP's static exhibition included various robots and the „Global Robotics – Trends and Challenges” lecture. Additionally, dynamic presentations of both devices were performed, during which the manufacturer demonstrated robot's manoeuvre capabilities as well as their cooperation in a simulated action. The task was not a petty one – explosives, placed in an abandoned vehicle, were to be detected and neutralized.

The robots, in cooperation, perfectly tackled this task using mounted equipment including recoilless De Armer and Disruptor Chemring RE 70 M3 Plus launcher and Benelli M4 Super 90 shotgun and training ammunition with proprietary mounts dedicated for this armament. Cooperation between the robots and the vehicles, from Jakusz company, that carries hazardous materials have been also demonstrated. Both the lecture and the dynamic presentation got a positive feedback. Moreover the robots brought a lot of attention resulting with opening of business opportunities among other companies offering devices which could constitute robot's additional equipment.

These may include RTG devices, detectors, recoilless De Armer and Disruptors, jammers, munitions and explosives and supporting equipment. In close future, it may translate into new capabilities for PIAP's robots.

The participant's list for the Trecin's event, read like Who-is-Who of NATO's EOD community. All major companies offering robotic devices and other supporting EOD actions took part: Quinetiq with Talon robots and a range of Dragon robots, IRobot Co. with

Packboot robot, Robo Team, Allen Vanguard with Defender and Digital, Taurob GmbH, Armtrack Ltd., Proytecta Security S.L., NIC Instrument Ltd, Chemring TS-EOD, Med – Eng, Logos Imaging LLC, Asselsan, Dynitec GmbH, Jakusz and many others.



IBIS®

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IBIS® i PIAP GRYF® in action.

