

Polish State Fire Service Receives First Heavy Mobile Robots

20 kwietnia 2018, 13:05

[Facebook](#)[Twitter](#)[Drukuj](#)[Email App](#)[Więcej](#) 1**Defence24.com****DOTYCZY:**

[FIRE DEPARTMENT STATE FIRE SERVICE](#) [INDUSTRIAL RESEARCH INSTITUTE FOR AUTOMATION AND MEASUREMENTS](#)
[PIAP](#) [INDUSTRIAL RESEARCH INSTITUTE FOR AUTOMATION AND MEASUREMENTS ROBOTS](#) [PIAP IBIS](#)

Polish State Fire Service took delivery of three heavy mobile robots. The platforms have been designed to carry out reconnaissance and provide countermeasures against the CBRN threat. These robots are the first systems of this kind operated by the Polish firemen.

The delivery was carried out by the Industrial Research Institute for Automation and Measurements [PIAP] working together with the Zeszuta Sp. z o.o. company. The aforesaid companies acted as a single consortium. The order concerned three equipment sets, including robots and platform containers, the purpose of which would be to carry the CBRN agents. Each of the sets includes the following elements: heavy

[Defence Policy](#)[Armed Forces](#)[Technology](#)[Industry](#)[Geopolitics](#)[Legislation](#)

CBRN reconnaissance robot (IBIS mobile robot) coupled with a CBRN accessory kit, PIAP Multistriker system, containers for carrying radioactive materials, portable X-Ray system and a pick-up truck.

The six wheels IBIS mobile platform with its independent all wheel drive has been equipped with a CBRN accessory kit. The whole system makes it possible to acquire laboratory samples, detect and measure radiation values, draw and store liquid samples and provide the user with a contamination measurements map.

Alongside the IBIS robot, the packages also feature CBRN accessories, as follows:

Environmental swab used to acquire samples for laboratory analysis by swabbing the objects that could gather the unknown substances,

Ground sampler for sampling the contaminated surfaces (ground, sand, ice, etc.), preventing the robot from getting contaminated,

R-Sensor (EKO-C) for radiation detection and measurements. It is possible to control the radiometer and display the results via the console,

SPME Adsorber used to acquire chemical particles from the air and liquids,

Modular liquid samplers used to acquire and store liquid samples with the use a couple of types of sampling units,

Accessories military-grade tablet console, equipped with a communications module used to provide wireless control with regards to the CBRN accessories and to display the sensor readings,

GPS module allowing the user to be aware where the data sampling took place.

PIAP Multistriker is another device delivered by the Institute during the procurement procedure in question. The system may be used to break windows or hinges, or to cut bars, cables, locks or chains. The accessory in question is installed on the robot or is separated and operated autonomously on an independent tripod.

The procured equipment would be used by specialized chemical and ecological rescue units of the fire brigades in Warsaw, Katowice and Poznan. The robots would offer support for the Polish firemen during rescue operations, through out the set objective is to diminish or get rid of direct threat caused by substances that can pose a hazard to people, animals, environment or property.

PIAP also announced that the new IBIS robot belonging to the fire brigades would be showcased, along with the dedicated CBRN accessory kit, between 24th and 26th April, during the SAWO 2018 exhibition in Poznan (International Fair of Work Protection, Fire-Fighting and Rescue Equipment).

TRENDING

Polish Ministry of Defence: Four UAV Types to be Delivered Before 2022

Tesla's Gigafactory in Poland? A Task for the Polish National Foundation

AN/TPQ-49 - US Light Counter-Fire Radar

Piorun MANPADS Missile Programme Delayed. Deliveries Expected Soon

Polish Ministry of Defence: Chwałek and Łapiński Appointed New Deputy Ministers

NEWS

TECHNOLOGY

WORK COVERED BY THE LIWIEC RADAR PROCUREMENT CONTRACT ACCOMPLISHED. WHAT'S NEXT?

Volcanoes As Seen by Radar Satellites. Crisis Management and Early Warning Support [INTERVIEW]

Rex Zero 1CP - New Gun for the Polish Police

Will the Polish Simulators Conquer the US?

Record-Breaking Radar Procurement Made by the Polish Navy



Defence24.com

0

Lubię to!

Zapisz do:

COMMENTS

COMMENTS: 0

TEXT

AUTHOR

Autor

☐ This is to notify that the Controller is Defence24 Sp. z o.o. with its seat in Warsaw, Chłodna Street 64/18, (00-872 Warsaw). Personal data was submitted voluntarily and shall be used only to dispatch and upload comments, control the content of comments before their publication and refusal of their publishing without specification the reason and also to delete unlawful, rude, offensive and any other comments which the Controller shall consider unlawful, including the content which may violate the rights of third parties (inter alia copyrights). The person, who is the subject of personal data, has the right to access to the content of the data and is allowed to correct it as well as withdraw the consent by contact the Controller. More information can be found in the [Privacy Policy](#).

Submit

korzysta z zabezpieczenia
reCAPTCHA
Prywatność - Warunki

Brak wyników.

ANALYSIS

ARMED FORCES
POLISH ARMED FORCES BOUGHT ICT
NODES

“Albatros” Rising. Remontowa Holding’s
Warships Programme Brought up to
Speed

OBR CTM S.A. at the Polish Navy
Centenary


35 mm OSU (Vessel Armament System)
Certified

Polish-Czech Modification of the Dana
Howitzer

TWEETS DEFENCE24

Tweety użytkownika [@Defence24pl](#)

Defence24.pl podał/a dalej

 **Energetyka24**
@Energetyka_24

Nord Stream 2 muss sein. Niemcy przywołują do porządku przeciwników gazociągu [KOMENTARZ][@Energetyka_24](#)
[energetyka24.com/gaz/nord-strea...](#)

Nord Stream 2 muss sein. Niemcy pr...
Wygląda na to, że na naszych oczach w...
[energetyka24.com](#)

1. godz.

[Umieść](#) [Zobacz na Twitterze](#)

DEFENCE POLICY

ARMED FORCES

TECHNOLOGY

F-22 OVER WARSAW. PRESIDENT: POLAND TO
ACCELERATE THE DEFENCE SPENDING BOOST

POLISH ARMED FORCES BOUGHT ICT NODES

VOLCANOES AS SEEN BY RADAR SATELLITES.
CRISIS MANAGEMENT AND EARLY WARNING
SUPPORT [INTERVIEW]

INDUSTRY

WILL THE POLISH SIMULATORS CONQUER THE US?

GEOPOLITICS

POLAND'S FIRST GEOPOLITICAL THINK TANK IN WASHINGTON

LEGISLATION

POLISH MINISTRY OF DEFENCE CHANGES THE PROCUREMENT REGULATIONS [ANALYSIS]

Defence24.com

DEFENCE POLICY

TECHNOLOGY

INDUSTRY

LEGISLATION

GEOPOLITICS

ARMED FORCES

CONTACT US

LAND

NAVAL

AIR

UNMANNED

POLAND

EUROPE

ASIA

AFRICA

NORTH AND SOUTH AMERICA

AUSTRALIA AND OCEANIA

LAND FORCES

NAVY

AIR FORCE

SPECIAL OPERATIONS FORCES

TERRITORIAL DEFENCE FORCES

RSS

TERMS OF USE

PRIVACY AND COOKIE POLICY

CONTACT US

Search...