

Ośrodek Badawczo-Rozwojowy
Centrum Techniki Morskiej S.A.



ACHIEVEMENTS OF OBR CTM S.A. IN 2017

SUCCESSFUL COMPLETION OF THE CONTRACT FOR DELIVERY OF THE PROTOTYPE SHIP 258 "KORMORAN,, PROJECT

In 2017, the realization of the contract for delivery of the prototype ship 258 „KORMORAN” project was successfully completed. It was built by the consortium, which included OBR CTM S.A. In range of the above mentioned consortium, CTM was responsible for integration of the Integrated Mission System. Moreover, CTM produced and delivered to the ship Combat System, including: Combat Management System SCOT, Passive Defense System, Underwater Monitoring System, including: SHL-101/TM and SHL-300 sonars, as well as explosive charges to countermeasure sea mines „Toczek”.



CONTRACTS WITH PARTICIPATION OF OBR CTM S.A.

On December 27th, 2017, at the Ministry of National Defense, two contracts for delivery of new ships for Polish Navy were signed. In accordance to the terms of the agreements, Polish Navy will receive a rescue ship RATOWNIK type and two more minehunters of KORMORAN type. OBR CTM S.A. will take part in realization of above mentioned contracts by delivering key systems for this type of ships (Combat Systems for Kormoran type ships and Integrated Mission System for the rescue ship RATOWNIK) as well as pioneer Passive Defense System, SHL-101/TM and SHL-300 sonars and explosive charges to countermeasure sea mines „Toczek”. The base for their integration is developed by CTM polish Combat Management System, which should become a system platform for newly built ships in our country.



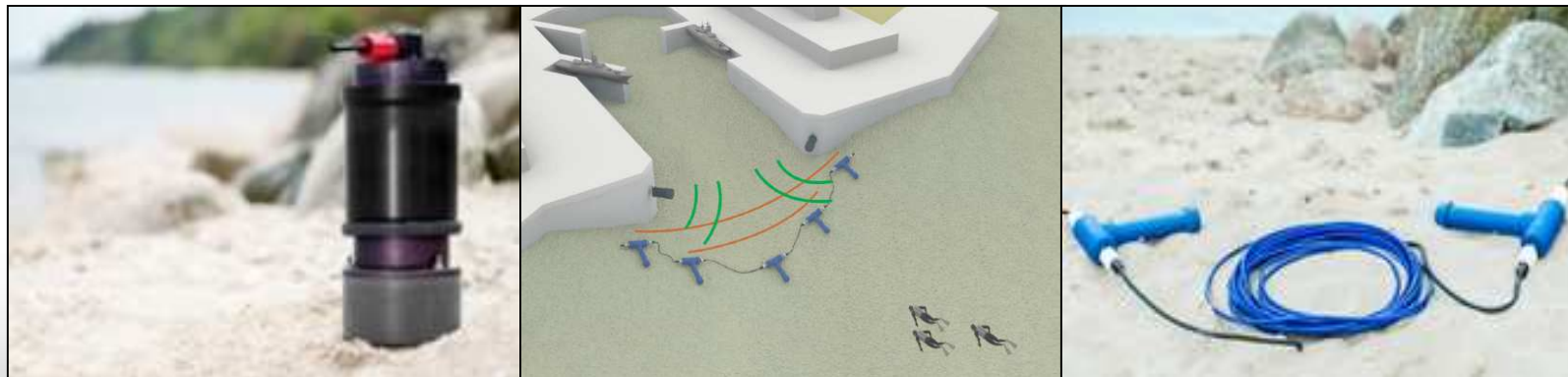
PARTICIPATION OF OBR CTM S.A. IN BURMIN PROJECT WITHIN EDA UMS PROGRAMME

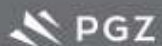
The „BURMIN” project was completed in 2017. It was realized within European Defense Agency (EDA) Programme, under the name „European Unmanned Maritime Systems for Mine Counter Measures and other Naval Applications (UMS). The project was carried out by a consortium composed of the following companies: France (TUS - Leader), Belgium (RMA), Holland (TNO), Germany (WTD 71, Fraunhofer ICT, IPHT Jena, Atlas Elektronik) and Poland (OBR CTM S.A.). CTM within the project was responsible among others for development of the underwater sensory platform designed for Mine Counter Measures. The platform with new-generation hydroacoustic and magnetic sensors installed, towed by a motorboat or a small autonomous unmanned unit, enables detection and classification of mines, including mines buried in bottom sediments.



LIVE DEMONSTRATION OF RESULTS OF THE PROJECT „PORTABLE UNDERWATER PROTECTION SYSTEM FOR NAVAL TASK GROUPS TEMPORARILY BASED IN A FOREIGN PORTS”

In September 2017, the presentation of developed by CTM system „Portable Underwater Protection System for Naval Task Groups Temporarily Based in a Foreign Ports” was carried out in real conditions. It confirmed abilities of polish industry to develop advanced technologies necessary to provide our country with maritime safety. The purpose of the demonstration, organized for NATO, Ministry of National Defence, Armed Forces and maritime administration, was to present in real conditions, the work of integrated multisensor system of detection and counter threats of underwater sabotage of divers, directed against protected naval task group, while in port. During the presentation, there were two scenarios presented, including early hydroacoustic detection of underwater subversion and its counteraction, and multi-sensor detection of underwater subversion and its counteraction. The implementation of both scenarios in practice, positively verified the operation of the system, which allowed detection and tracking of the simulated terrorist threat, as well as counteracting this threat.





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Ośrodek Badawczo-Rozwojowy
Centrum Techniki Morskiej S.A.
ul. A. Dickmana 62 | 81-109 Gdynia

tel.: +48 58 666 5 318

fax: +48 58 666 5 425

ctm@ctm.gdynia.pl

www.ctm.gdynia.pl