

Baltic Sea Cleaning

From dumped chemical weapons

project concept

Problem description

- at least 50 000 tonnes of conventional and chemical weapons containing hazardous substances (such as mustard and tear gas and nerve and choking chemical agents) have been dumped into the Baltic Sea since the end of the Second World War;
- these munitions degrade slowly and leak toxic substances into the water, posing a danger to human health by contaminating food and causing severe burns and poisoning upon direct contact, damaging marine ecosystems and biodiversity, and jeopardizing local economic activities such as fishing, the extraction of natural resources and the generation of renewable energy from power plants;
- owing to its geographical situation, the Baltic Sea is a semi-enclosed sea with a slow turnover of water and very low self-cleaning capacity; whereas it is considered one of the most polluted seas in the world, with oxygen levels falling in its deep waters, which is already putting marine life in danger;

Dumping zones



Dumping zones for
chemical munitions
(confirmed and
unconfirmed sites)

2011-2014 Chemical Munitions
Search and Assessment (CHEMSEA)



Baltic Sea Cleaning

Project Cycle

- Primary base construction
- Munitions monitoring
- Munitions disposal

Primary base construction



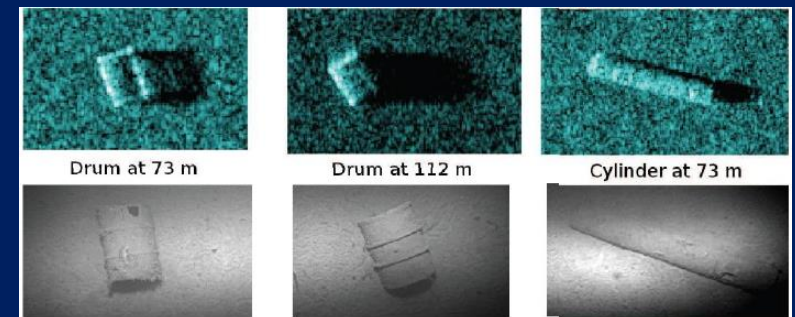
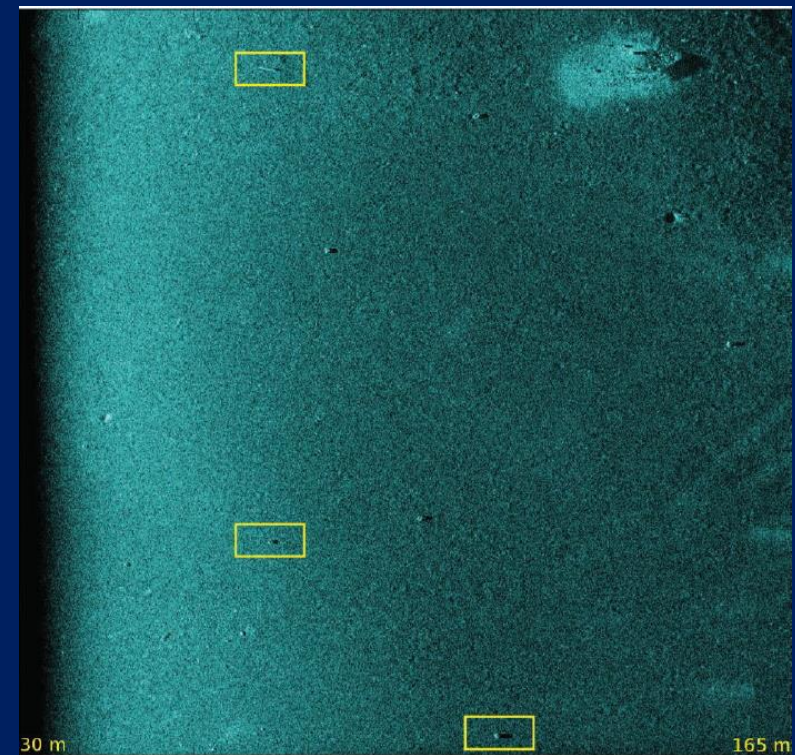
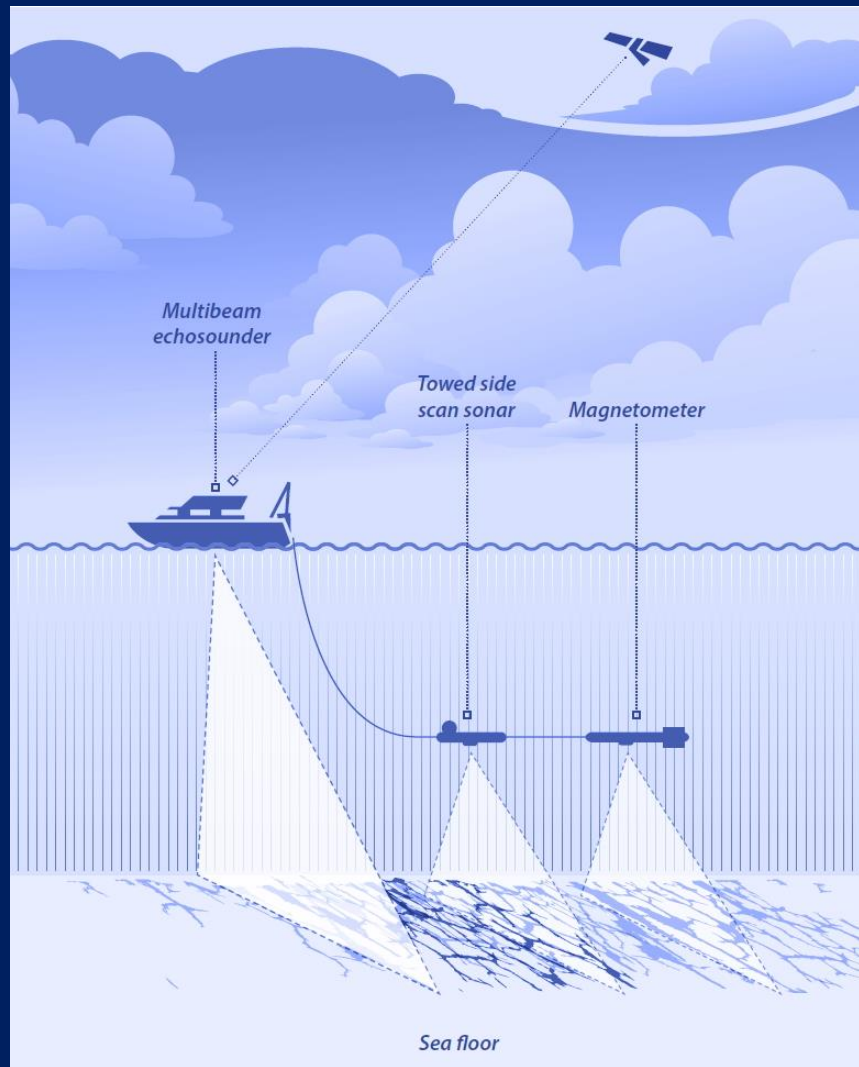
ACTIVITIES

- purchase of equipment and ships
- construction of a specialized port terminal;
- construction of specialized concrete production, power plant and other related industries;
- civil construction and infrastructure



It is necessary to understand that after the completion of the cleaning of the Baltic Sea, the production structure of the region should remain, capable of providing its inhabitants with jobs.

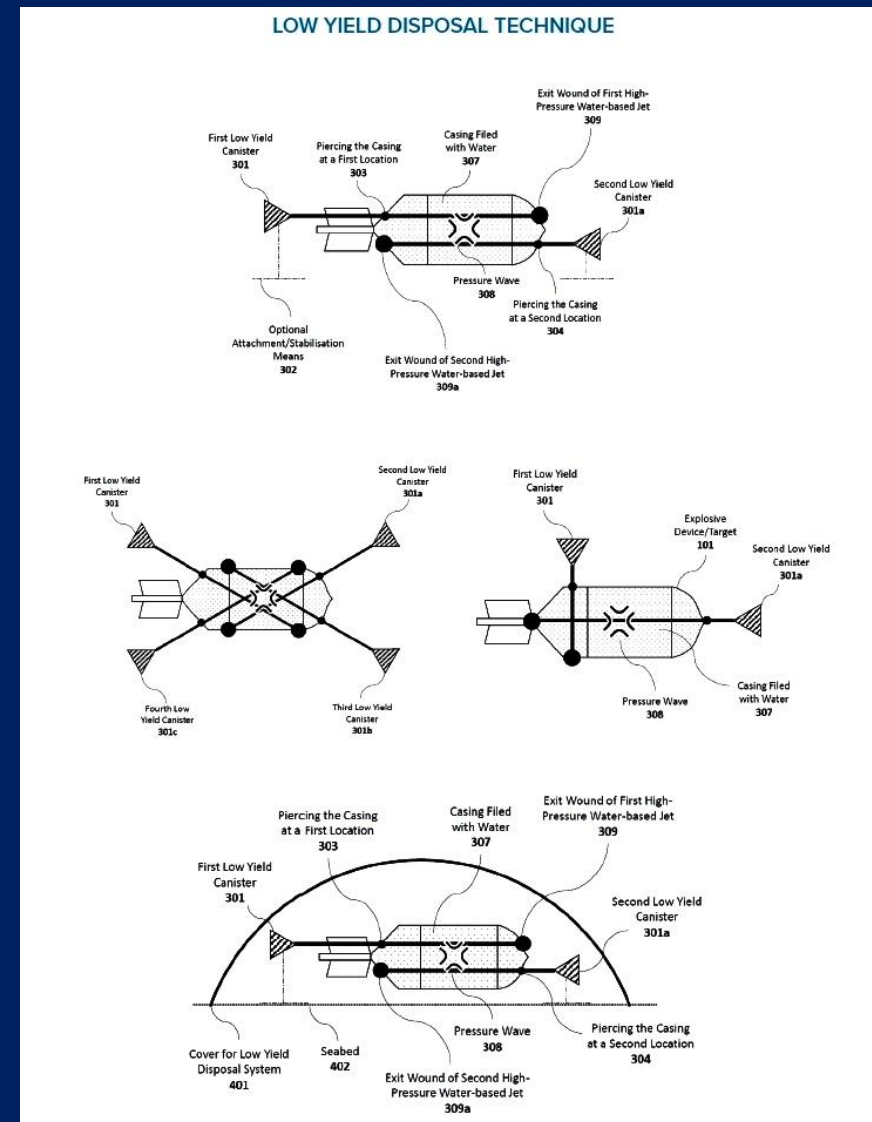
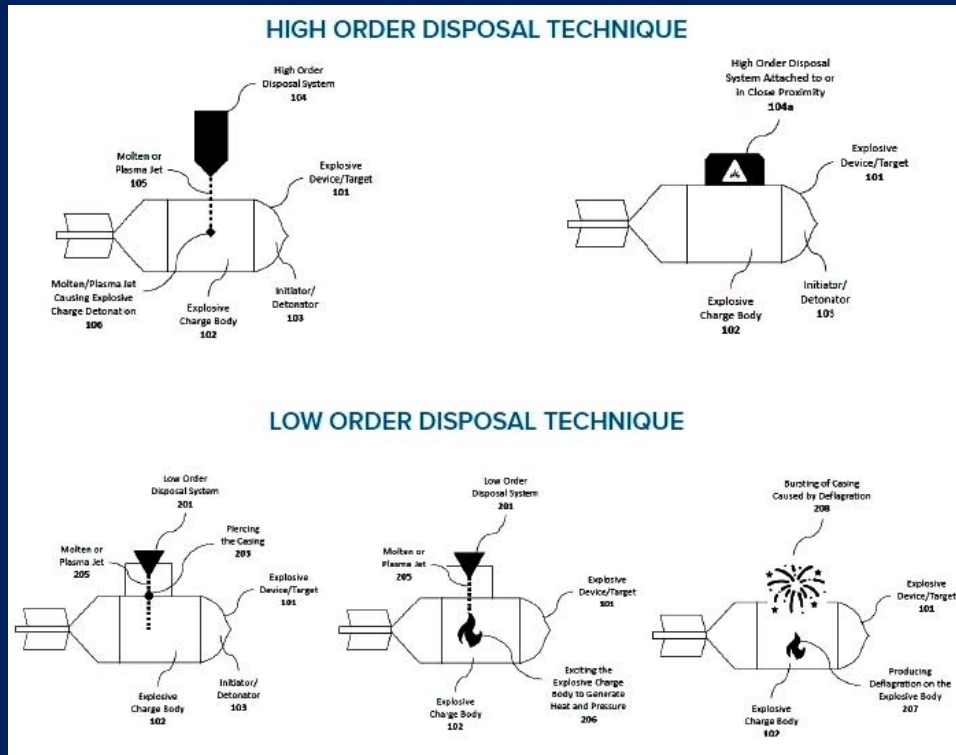
Munitions monitoring



Munitions disposal

UXO Control's solutions - HYDRA Disposal Technique:

- High Order
- Low Order
- Low Yield



Baltic Sea Cleaning

- Project estimate costs – **5 billion EUR**
- Project duration – **15 years**

Thank You for your time!

