

ELECTRONIC CATALOG OF DUMPED CHEMICAL AND CONVENTIONAL MUNITIONS – - A NEW TOOL SUPPORTING THE DECISION-MAKING PROCESS IN CRISIS SITUATIONS

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GENERAL DESCRIPTION

The catalog covers chemical and conventional munition that has been dumped in the Baltic Sea after World War II. The main aim of the catalog is, primarily, to broaden the knowledge on dumped munition pieces and chemicals that had been used to elaborate them. Secondly, the catalog may be used to identify munition pieces that may be potentially found on the Baltic seafloor during operations carried out by humans (e.g. fishery, construction works, dredging, etc.). The catalog allows you to search for pieces of ammunition, depending on the type of weapon, its size and country of origin. The search results are presented in a multi-page tabular form, allowing the user to view general information about the ammunitions found in the database. Each item of ammunition has been described, allowing the user to obtain detailed information about a particular item. Where appropriate, additional information is included in the catalog as separate documents covering different aspects of the weapon. The main interface of the catalog has been developed in a user-friendly form that does not require special knowledge.

The catalog is available online
at
dss.amw.gdynia.pl/catalog

TARGET GROUPS AND PURPOSE OF THE CATALOG



The catalog may be used by the maritime offices of the Baltic States, emergency response offices and their subordinate units (fire brigades, police station command posts, command posts of emergency services), command posts of naval forces of the Baltic States as well as scientific institutions conducting research on the marine environment. Another group of recipients are enthusiasts dealing with maritime issues, history and ecology. The basic purpose of the catalog is to support the decision making process by the services and institutions responsible for reacting in crisis situations. The catalog may also be successfully used by fishermen and other sea users involved in the exploration and exploitation of its resources. Due to different ways of using the information contained in the catalog, two access levels have been defined: the administrator level - it allows adding new objects to the database and editing them (ADMINISTRATIVE LEVEL REQUIRES LOGIN), and user level - allows to view information freely and DOES NOT REQUIRE LOGIN.

USING THE CATALOG

The main interface of the catalog has been developed in a user-friendly, intuitive form that does not require any special preparation. The catalog has been constructed in such a way that simple data filtration mechanisms exist for the ordinary viewer.



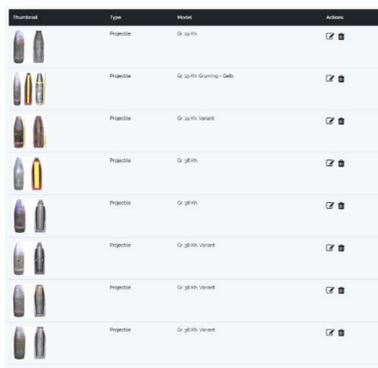
Administrator / user interface - start searching

DETAILED DATA SHEET

As a result of initial filtration, the administrator / user receives feedback containing number of detected records along with the icons of the found ammunition pieces. User may select the type of ammunition in order to open detailed safety data sheet.

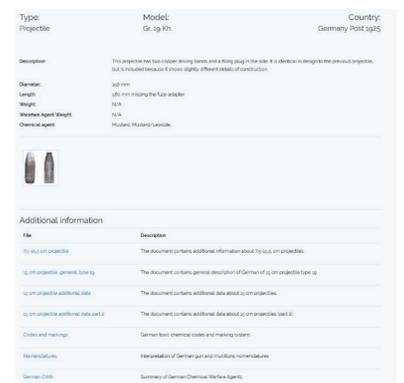


User level



Administrator level

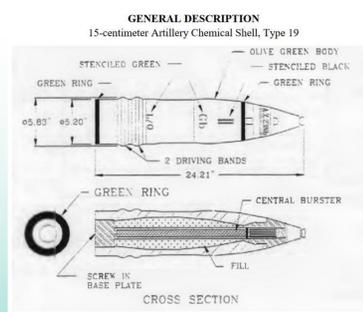
The view of the detailed safety data sheet is identical for the administrator and user levels.



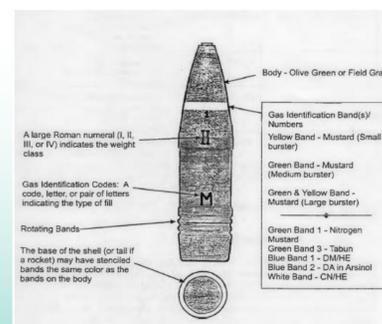
Detailed data sheet

ADDITIONAL INFORMATION

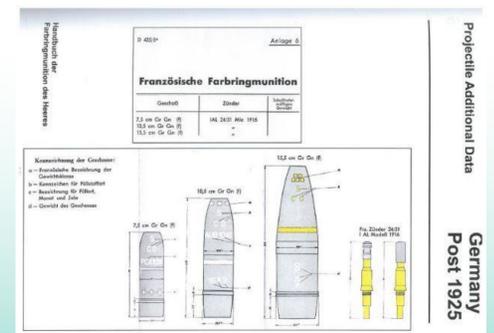
Some of the ammunition in the catalog is provided with additional information (concerning photos, drawings, tables based on the available literature).



Source: Old Chemical Weapons Reference Guide, SciTech



Source: Old Chemical Weapons Reference Guide, SciTech



Source: Handbook of Pre-1946 Chemical Weapons

CONCLUSIONS

- The catalog is a useful tool supporting the decision-making process in crisis situations.
- Additionally, the catalog may also be successfully used by sea users involved in the exploration and exploitation of its resources.
- If you have photos, plans, drawings that can enrich the catalog, notify PNA which will update the information contained in the catalog on a current basis.