



The State Emergency Service of Ukraine

**HUMANITARIAN MINE AND UXO CLEARING
OF THE TERRITORY OF UKRAINE CONDUCTED BY
THE STATE EMERGENCY SERVICE OF UKRAINE**

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CLEARING FROM MUNITIONS OF PAST WARS OF EXTRA CONTAMINATED AREAS



As a result of terrorist activity in the Eastern Ukraine, warfighting of previous wars, the area is contaminated with explosive ordnance. The most contaminated areas are Donetsk, Luhansk regions, part of central and southern regions.





SYSTEM OF THE HUMANITARIAN DEMINING OF THE SES OF UKRAINE

I level (coordination)

Commission of the mine cleaning:

- coordination of measures for humanitarian demining area
- determining the priorities of SES of Ukraine in clearing the territory from munitions

II level (organizational)

The structural unit of the SES System:

- organization and control of activities humanitarian demining and clearing the territory from munitions

III level (executive)

Special humanitarian demining Centre (Kyiv City)

Local pyrotechnical squads

- located in every area and perform humanitarian mine cleaning activities within the territory of the region

SPECIAL HUMANITARIAN DEMINING CENTER OF THE SES OF UKRAINE (KYIV)



Tasks of the Center:

- coordination and planning of humanitarian demining activities;
- fulfilment of humanitarian demining task complex (technical and non-technical inspection, demining, explosive ordnance disposal);
- fulfilment of special demining works;
- conduct of underwater demining works;
- quality control of performed works;
- record keeping and database maintenance;
- handover of the cleared areas to the local authorities;
- mine risk education.



ORGANIZATION OF CLEARANCE OF TERRITORIES FROM EXPLOSIVE ORDNANCE LEFT FROM WARS

Due to implementation of reforms in Ukraine, including decentralization of power, there are demining groups of the SES of Ukraine, that perform humanitarian demining of territories, water basins in every region of Ukraine.



Overall, the SES of Ukraine has **32 demining groups (83 teams)** with total strength of **500 persons**.



MINE CLEARANCE OF THE TERRITORIES OF DONETSK AND LUHANSK REGIONS LIBERATED FROM TERRORISTS



Since July, 2014 in order to normalize life and provide security of the population the pyrotechnic units of SES of Ukraine have been working on humanitarian demining of territories and households in towns of Donetsk and Luhansk regions, liberated from terrorist groups



WHAT REQUIRES HUMANITARIAN DEMINING IN THE DE-OCCUPIED AREAS OF DONETSK AND LUHANSK REGIONS:

Settlements



Critical life support infrastructure



Agricultural areas and natural ecosystems



Rivers, lakes, water reservoirs





DEMINING IN SETTLEMENTS LIBERATED FROM TERRORIST GROUPS IN DONETSK AND LUHANSK REGIONS



Since the beginning of terrorist warfighting against Ukraine the SES of Ukraine:
cleared of ordnance about **140 sq. km (14.000 ha)** of total territory of Ukraine;
disposed more than **202.000 explosive objects**;
as well in liberated areas of Donetsk and Luhansk regions checked and cleared:
about 105 sq. km (10 500 ha) of living territories; about **40 ha of water area**, more than
1.000 of municipal facility objects, disposed more than **48 000 of explosive ordnance**.



DISPOSAL OF INTENTIONALLY INSTALLED MUNITIONS

During performance of humanitarian demining works in the liberated territories of Donetsk and Luhansk regions the experts of the SES of Ukraine disposed **738 pieces of intentionally installed munitions**





EMERGENCY MANAGEMENT AFTER EXPLOSION OF AMMUNITION CLOSE TO SVATOVE TOWN, LUHANSK REGION



On **October 29, 2015** close to Svatove town an emergency situation occurred with explosions of ammunition in the field storage, in the result there was a partial detonation and dispersion of over 3 thousand tons of ammunition. Demining groups of the SES of Ukraine (**75 persons**) as soon as possible (**within 5 days**) set of humanitarian demining measures and ensured the safety of the population.



EMERGENCY MANAGEMENT AFTER EXPLOSION OF AMMUNITION CLOSE TO SVATOVE TOWN, LUHANSK REGION



During that time demining of houses, social sector and industrial zone of Svatove town was performed with total area of about **2 700 hectares**, agricultural land area of over **3 thousand hectares**, over 5 thousand of **explosive items** were extracted and disposed.



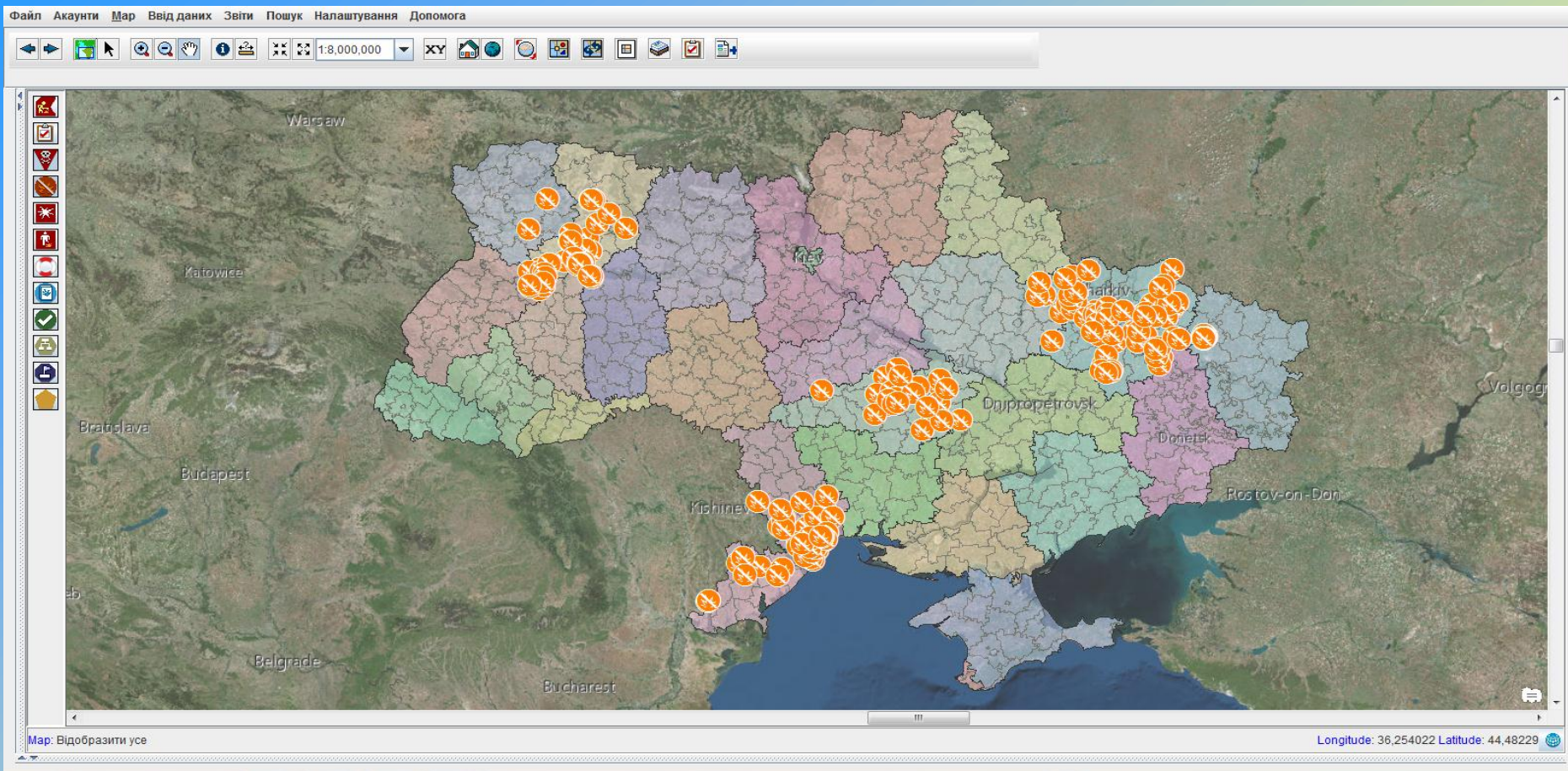
IMPLEMENTATION OF IMSMA SYSTEM AND DATA COLLECTION ABOUT DANGER AREAS



In cooperation with OSCE and Geneva International Centre for Humanitarian Demining the SESU initiated the **implementation of information management system for humanitarian demining IMSMA**, the data collection is carried out about danger areas to inform the local population about mine threat.



IMPLEMENTATION OF IMSMA SYSTEM



In 2015, with the support of OSCE Project Coordinator in Ukraine the successful functioning of the pilot IMSMA system project was ensured, consisting of 4 regional operators



IMPLEMENTATION OF IMSMA SYSTEM



In November - December 2015 a training was conducted with users of IMSMA system, forms for data entry were designed and the collection and submission of data to IMSMA on clearance of UXO was organized on basis of **10 regional operators of the SES of Ukraine**



IMPLEMENTATION OF IMSMA SYSTEM



Later on the SES of Ukraine plans to carry out the introduction of IMSMA on the basis of **24 regional operators, grouped into 8 regional centers** (Volyn, Carpathian, Podolsky, Tauric, Dniprovskyi, Eastern, Poliskyi and Central) and the **Operational Centre in Kyiv**



INFORMATION CAMPAIGN OF PUBLIC AWARENESS ABOUT RISKS ASSOCIATED WITH IDENTIFICATIONS OF MUNITIONS



To prevent injuries and loss of population from explosive objects, special attention is paid to **public awareness about mine risk.**

In order to reach all segments of the population since 2015 with the support of **the OSCE Project Coordinator in Ukraine two mobile groups, responsible for public awareness**, were created and provided with equipment in regional offices of the SES of Ukraine **in Donetsk and Luhansk regions.**



Establishment of the Regional Humanitarian Demining Center of the SES of Ukraine

In the context of development of humanitarian demining system the establishment of **the Regional Centre for Humanitarian Demining** was initiated, basing in **Lysychansk town, Luhansk region**.



The purpose of the Center:

- Constant presence of demining specialists directly in the affected areas due to explosive ordnance pollution;
- Minimizing of participation of off-the-job specialists from other regions;
- Promoting security for the local population.



Establishment of the Regional Humanitarian Demining Center of the SES of Ukraine



Are identified:

- the structure of the Center;
- equipment needs;
- rejuvenating needs after bombing of Center's location by the terrorists.

The SES of Ukraine is looking for options to establish the Center as fast as possible to provide safety and security to the population of the region



Thank you for attention!