



REPUBLIC OF BULGARIA
MINISTRY OF FOREIGN AFFAIRS
MINISTRY OF DEFENCE

Implementation of the National Program

to meet the requirements of the

**“CONVENTION ON THE PROHIBITION OF THE USE,
STOCKPILING, PRODUCTION AND TRANSFER
OF ANTIPERSONNEL MINES
AND ON THEIR DESTRUCTION“**

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ANTI-PERSONNEL MINES



PRODUCED IN THE REPUBLIC OF BULGARIA...



PM-79



POMZ-2



MON-100



PSM-1



MON-200

2



ANTI-PERSONNEL MINES

IMPORTED TO THE REPUBLIC OF BULGARIA...

FROM OTHER COUNTRIES





PMN



SHr-II



PFM-1C




OZM-3




MON-50

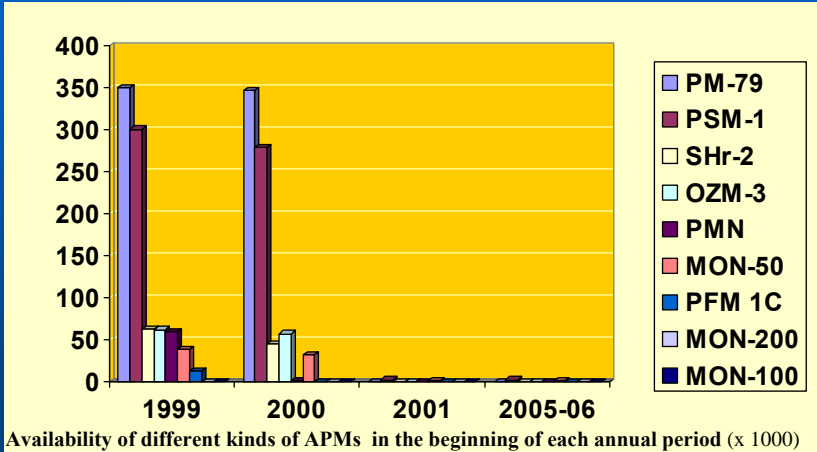
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STOCKPILES OF ANTI-PERSONNEL MINES

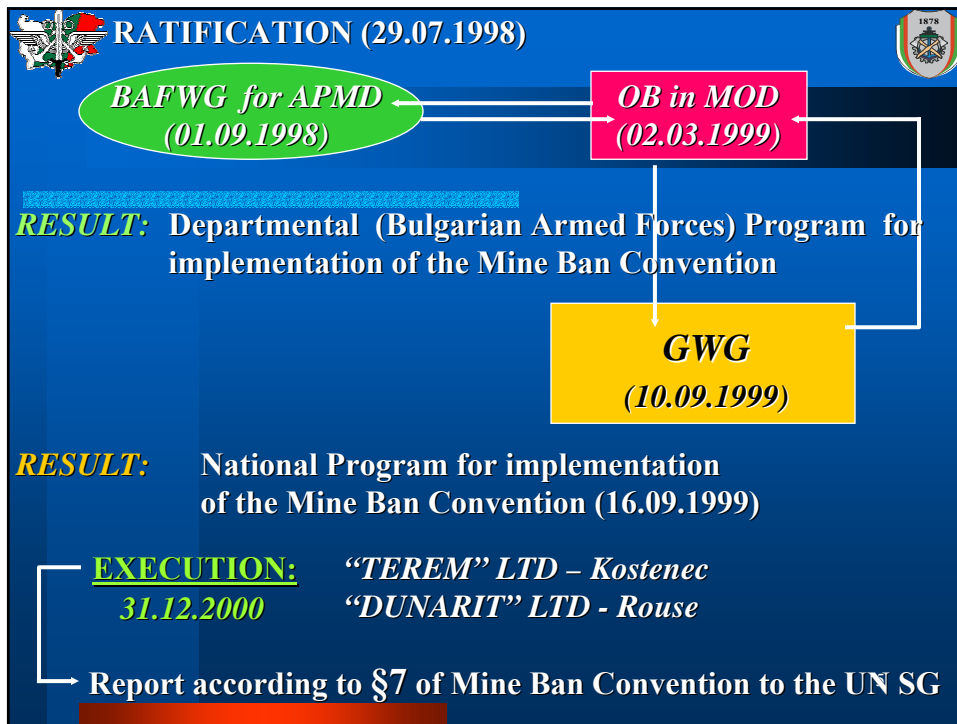
BEFORE AND DURING THE EXECUTION OF THE NATIONAL PROGRAM...





Availability of different kinds of APMs in the beginning of each annual period (x 1000)

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National Program of the Implementation of the Mine Ban Convention

CHAPTER I
 The Convention and the responsibilities of the Republic of Bulgaria for its implementation

CHAPTER II
 Main tasks and a project to meet the obligations of Bulgaria connected with Convention implementation

APPENDIXES:

1. Technical description of all antipersonnel land mines stockpiled in Bulgarian Armed Forces;
2. General description of the process of dismantling APM;
3. Methods for destruction and utilization of APM using available factory technologies;
4. Safety measures for APM destruction;
5. Environmental protection measures.

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METHODS OF NEUTRALIZATION THE APMs:



DISCHARGING



DETONATION



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RESULTS:



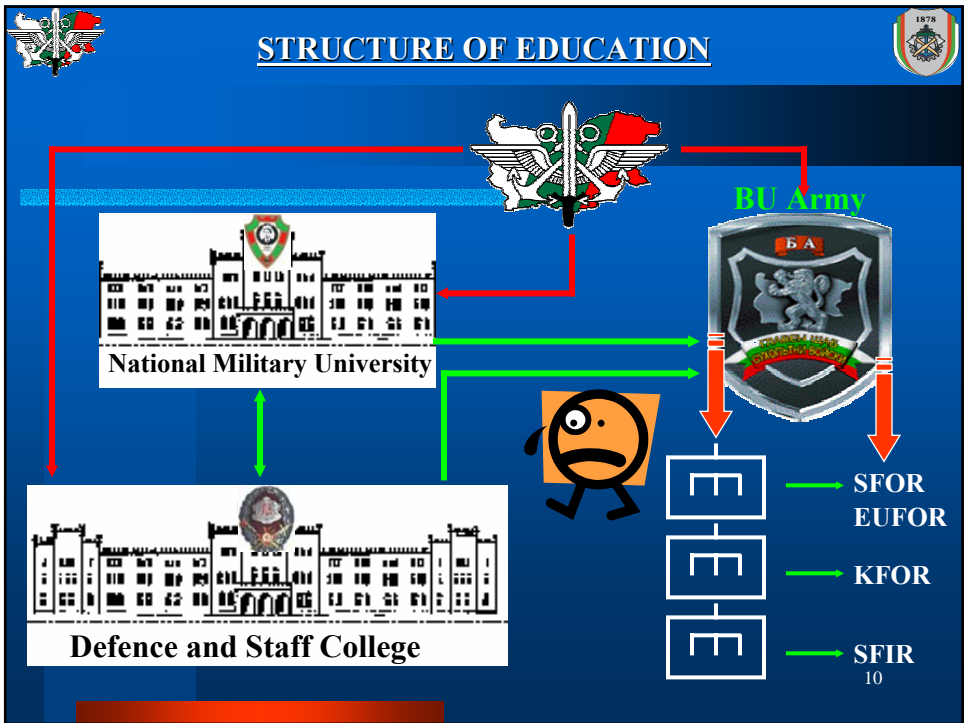
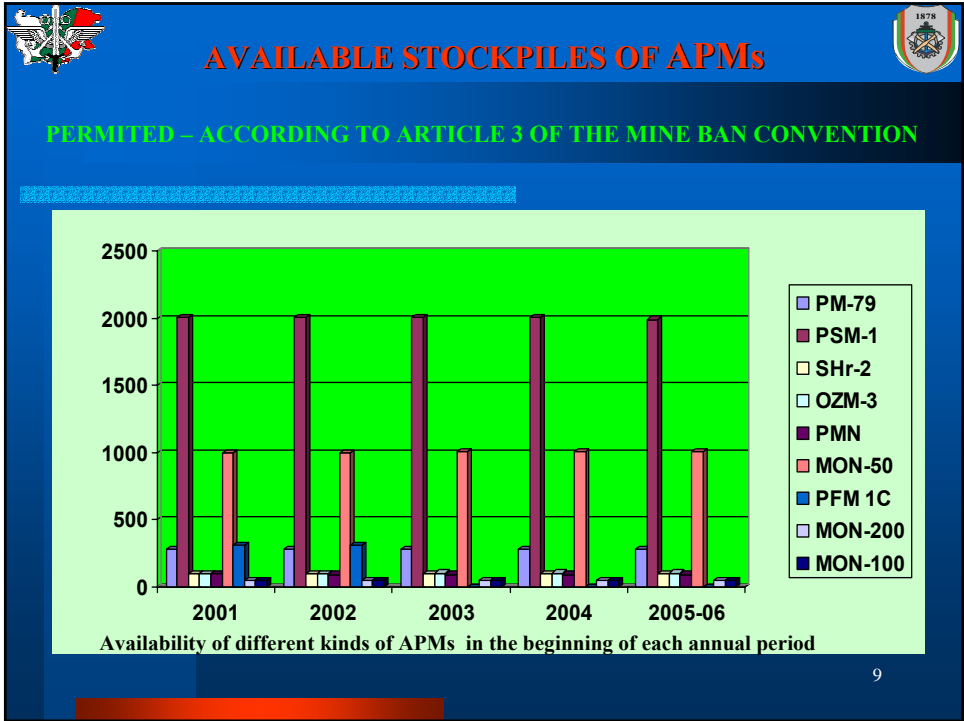
NEUTRALIZED APMs (quantity):

- ❑ TOTAL - 885 872
- OF WHICH:
- ❑ DISCHARGED - 832 000
- ❑ DETONATED – 53 872 (MON-50; PFM-1C and charges of PSM-1)

FINANCIAL RESOURCES (\$ USD):


- ❑ PLANNED IN THE NATIONAL PROGRAM - 1 398 100
- ❑ ACTUALLY EXPENDED - 1 553 400
- ❑ AVERAGE EXPENDITURES (FOR ONE NEUTRALIZED MINE) - 2,50 - 4,00
- ❑ RETURN FROM REUSED MATERIALS – 8 % - 9%

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MAIN TENDENCIES OF EDUCATION

**STUDY OF THE MINE BAN CONVENTION
and CORRESPONDING STANDARDIZATION DOCUMENTS**




DETECTION of APMs






MARKING and DOCUMENTATING APMs FIELDS

IMSMA NSMA






**DEMINING APMs FIELDS
DESTRUCTING APMs**



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WHAT IS DIFFERENT...?

**Prior to ratification
of the Convention...**



SAPPERS

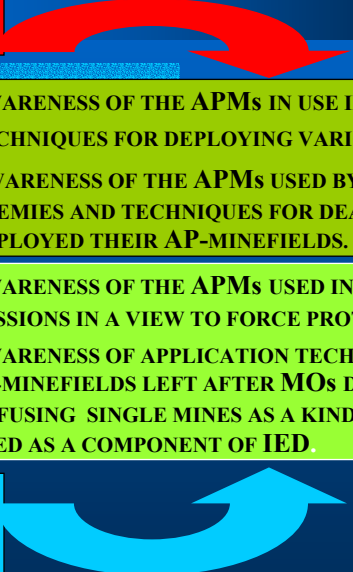



**SAPPERS
EOD-SPECIALISTS**

- AWARENESS OF THE APMs IN USE IN THE BAF AND TECHNIQUES FOR DEPLOYING VARIOUS AP-MINEFIELDS;
- AWARENESS OF THE APMs USED BY THE POTENTIAL ENEMIES AND TECHNIQUES FOR DEALING WITH THE DEPLOYED THEIR AP-MINEFIELDS.

- AWARENESS OF THE APMs USED IN THE AREAS OF THE MISSIONS IN A VIEW TO FORCE PROTECTION;
- AWARENESS OF APPLICATION TECHNIQUES FOR DEMINING AP-MINEFIELDS LEFT AFTER MOs DURING PKOs; DEFUSING SINGLE MINES AS A KIND OF UXO, AND APMS USED AS A COMPONENT OF IED.

**Subsequent to
ratification of the
Convention**



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PARTICIPATION IN HUMANITARIAN OPERATIONS and EOD-activities

SFOR – Bosnia and Herzegovina



CROMAC - Croatia



EODD



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NEW DETECTION METHODS AND DEVICES

PERSONAL DEVICE FOR EXPLOSIVES LOCALIZATION - SNIFFEX®



Detect:
 Gun powder;
 RDX (Semtex);
 C4 ;
 TNT
 Dynamite;
 Nitro Glycerin;
 PENT;
 Ammonium Nitrate/Diesel (500 g);
 Ammonium Nitrate.

CHARACTERISTICS:
 Weight: ≤ 600 g
 Operating temperature: + 65°C
 Storage temperature: °C ÷ + 50°C
 Personal Device, mm
 Length: ≤ 38 ; - height - ≤ 28
 Operating position - 120
 Storing position - 450

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TECHNOLOGIES...



INTERNATIONAL PROJECT

**"TECHNOLOGIES FOR DISCHARGING, EXTRACTION AND UTILIZATION
OF USEFUL MATERIALS FROM AVIATION, MARITIME,
ENGINEER AND ARTILLERY AMMUNITIONS,
LOCATED ON THE TERRITORY OF THE REPUBLIC OF BULGARIA"**

NATO code: sfp - 0544

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CONCLUSION



REPUBLIC OF BULGARIA :

1. ... both financed and implemented the National Program independently
2. ... did not rely on any support from other countries, and did not ask assistance from regional and international forums connected with the implementation of the Convention;
3. ... destroyed the stockpiles of APM, and it does not produce and transfer any APMs;
4. ... has a technology for "discharge" of APMs and other explosives;
5. The officers of the Bulgarian armed forces are taught on the Convention... and how to exercise control on the subordinate structures to execute tasks on APMs;
6. The Engineer Specialists of the Bulgarian armed forces (sappers; sappers reconnaissance; EOD and IEDD specialists) are trained to execute activities related to APMs;
7. ... The quality of the training of the officers and specialists at each level and the qualification level they attain permit them to participate successfully in missions



THANK YOU FOR YOUR ATTENTION !!!

QUESTIONS ?

