

STATE MINE RESCUE SERVICE IN COAL MINING INDUSTRY OF UKRAINE



Our organization is
more than 100 years old



STATE MINE RESCUE SERVICE IN COAL MINING INDUSTRY OF UKRAINE

Symbol of STATE MINE
RESCUE SERVICE
IN COAL MINING
INDUSTRY OF UKRAINE



Symbol of Donetsk city,
the capital of miner's area



STATE MINE RESCUE SERVICE IN COAL MINING INDUSTRY OF UKRAINE

The headquarter of SMRS (Donetsk)

Operating-technical group, mine rescue groups -11,
Platoons -36, separations – 260,
Reanimating-antishock groups (RAG) -21,
Specialized Gas analyser laboratories (GAL) – 24,
Depressing gas service groups (DGS) -10,
Objects – 318

Lugansk headquarter of SMRS (Lugansk)

mine rescue groups– 4
Platoons – 13, separations – 96,
RAG – 10, GAL – 10,
DGS– 4, Objects - 117

Operative Mine Rescue Group (Donetsk)

Platoons – 4, Separations – 33,
RAG – 1, GAL – 3,
DGS – 1, objects - 28

1 Mine Rescue Group (Gorlovka)

Platoons – 5, Separations – 36,
RAG – 3, GAL – 4,
DGS– 1, objects - 43

3 Mine Rescue Group (Makeyevka)

Platoons – 4, Separations – 26,
RAG – 1, GAL– 1,
DGS– 1, objects - 18

6 Mine Rescue Group (Torez)

Platoons – 4, Separations – 24,
RAG – 1, GAL– 1,
DGS– 1, objects - 67

10 Mine Rescue Group (Dimitrov)

Platoons – 3, Separations – 24,
RAG – 3, GAL - 3,
DGS– 1, objects - 34

8 Mine Rescue Group (Pavlograd)

Platoons – 3, Separations – 20,
RAG – 1, GAL– 2,
DGS– 1, objects - 11

Mechanical workshops (Gorlovka)

Educational Group (Donetsk).

2 Mine Rescue Group (Stakhanov)

Platoons – 3, Separations – 26,
RAG – 3, GAL – 3,
DGS– 1, objects - 27

4 Mine Rescue Group (Lugansk)

Platoons – 3, Separations– 26,
RAG – 2, GAL– 2,
DGS– 1, objects - 17

5 Mine Rescue Group (Krasniy Luch)

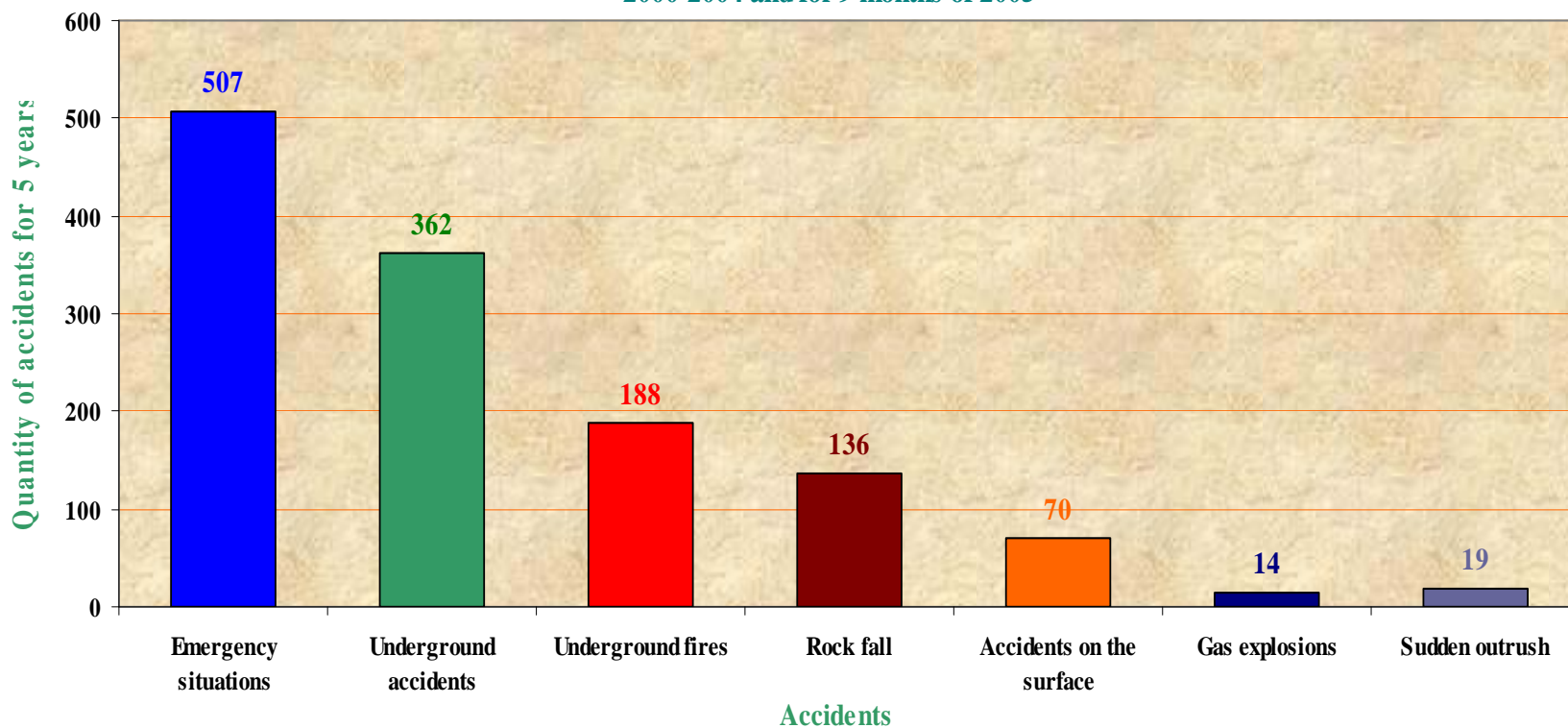
Platoons – 3, Separations – 22,
RAG – 3, GAL– 3,
DGS– 1, objects - 46

7 Mine Rescue Group (Krasnodon)

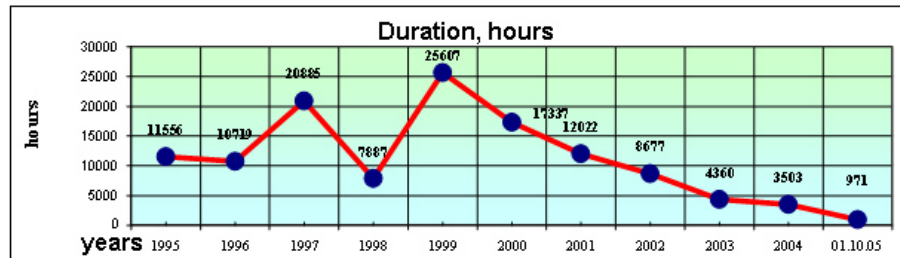
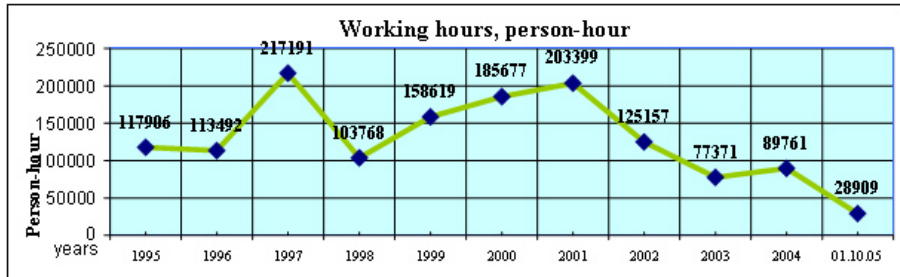
Platoons – 4, Separations – 22,
RAG – 2, GAL– 2,
DGS– 1, objects - 27

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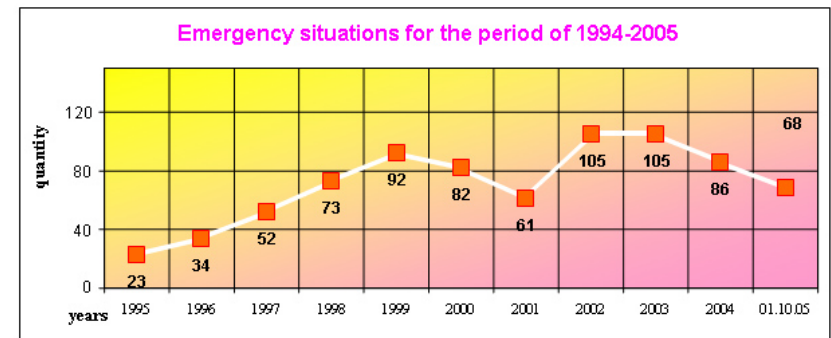
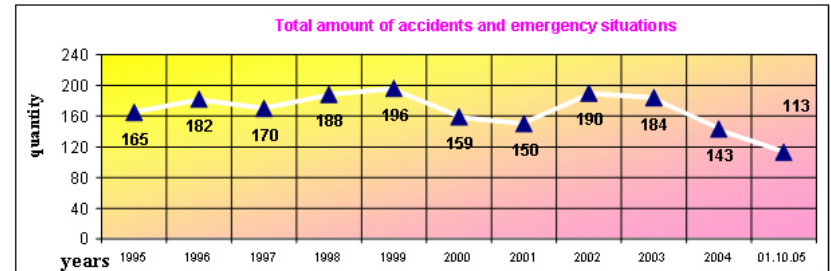
Dynamics of emergencies at the enterprises served by the State militarized mine-rescue service of Ukraine for 2000-2004 and for 9 months of 2005



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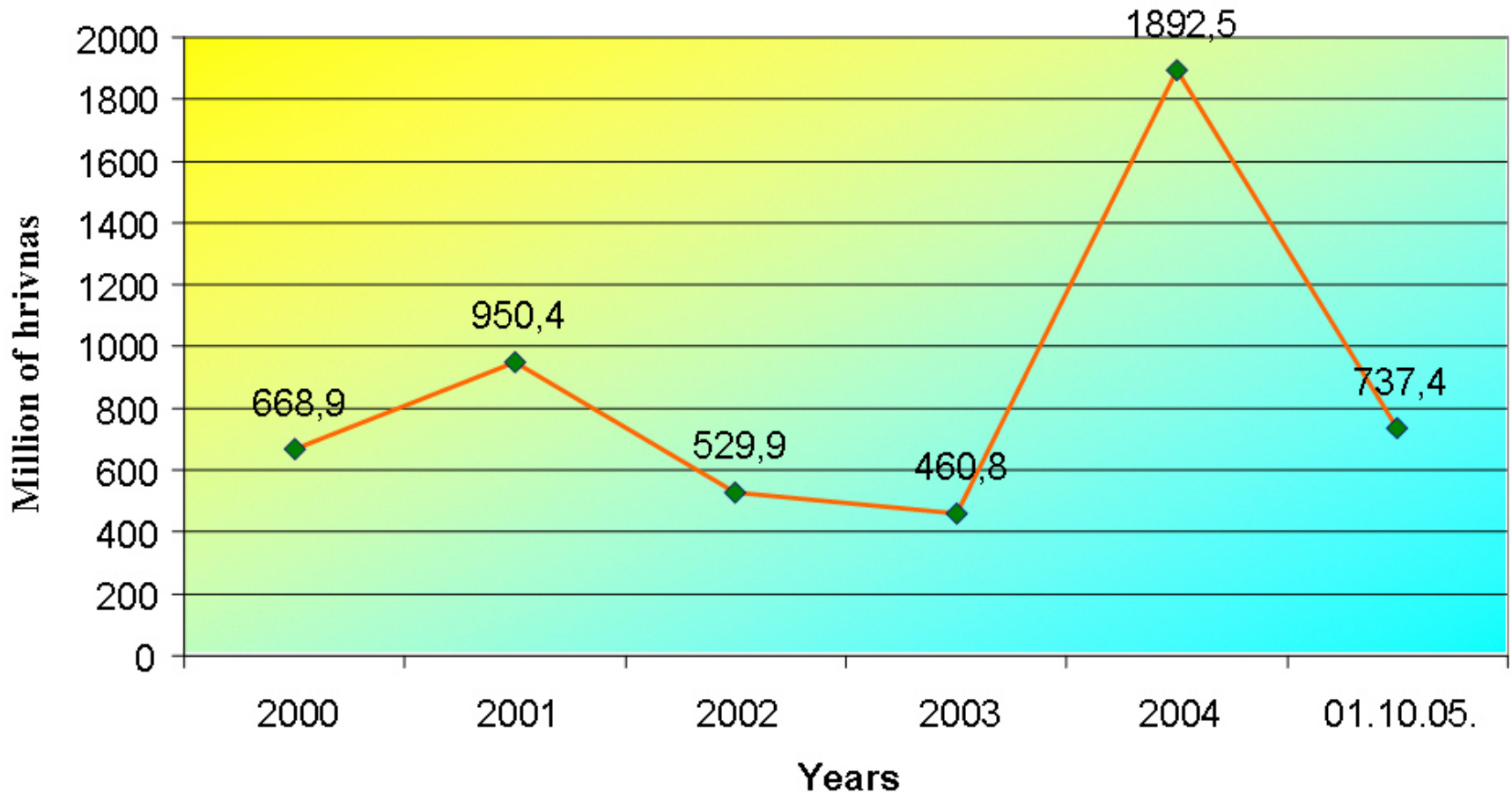


Dynamics of emergencies at Ukrainian coal mines



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Economic effect, million of hryvnas



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**First
International
Mine
Rescue
Contest
Louisville, Kentucky
September 21- 24, 1999**



**International
Mine Rescue
Contest**

**Las Vegas, Nevada
July 18 - 20, 2000**

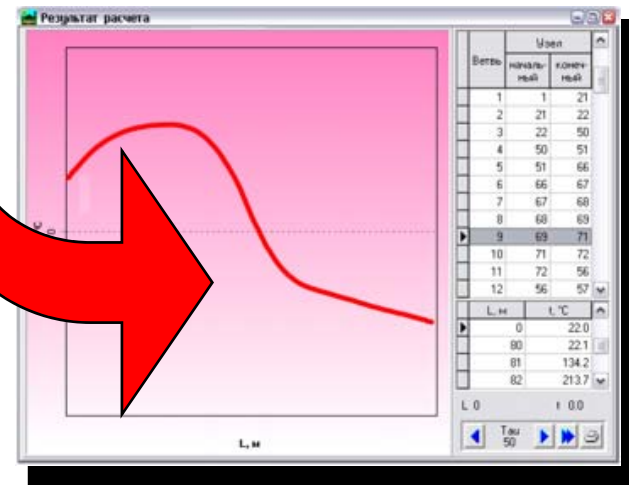
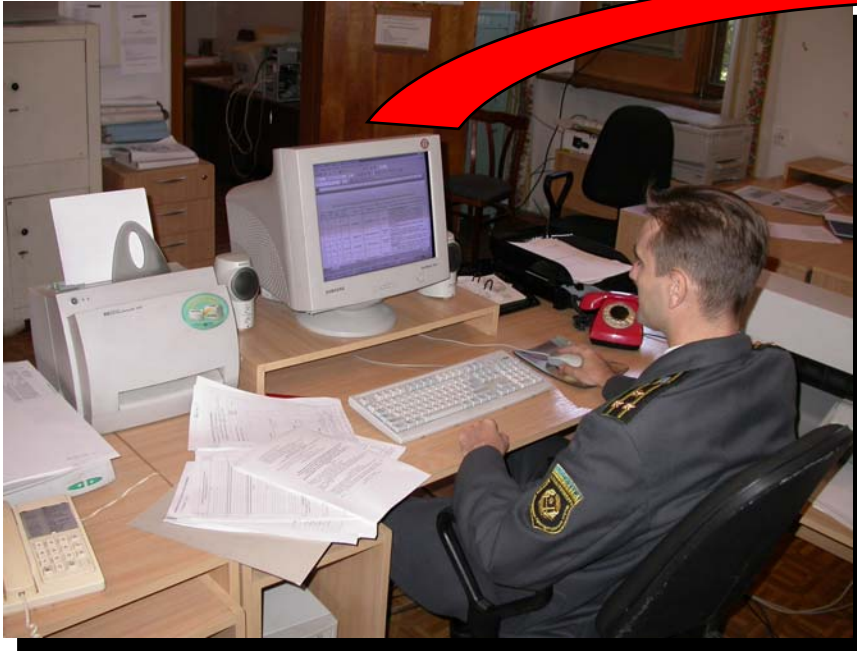
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The elements of mine-rescuers training



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The system of modeling
of emergency operation
of air-distribution
is one of assistants to rescuers

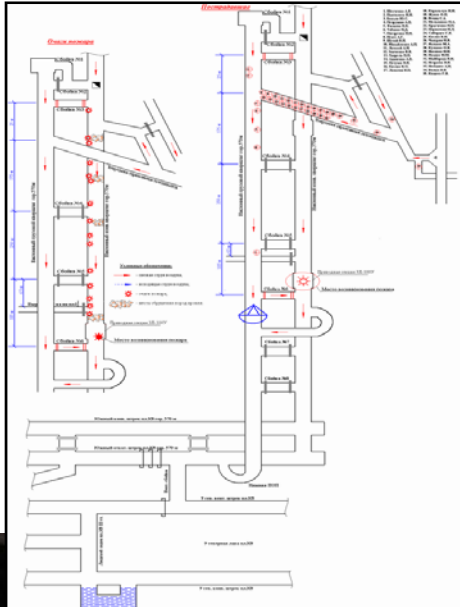
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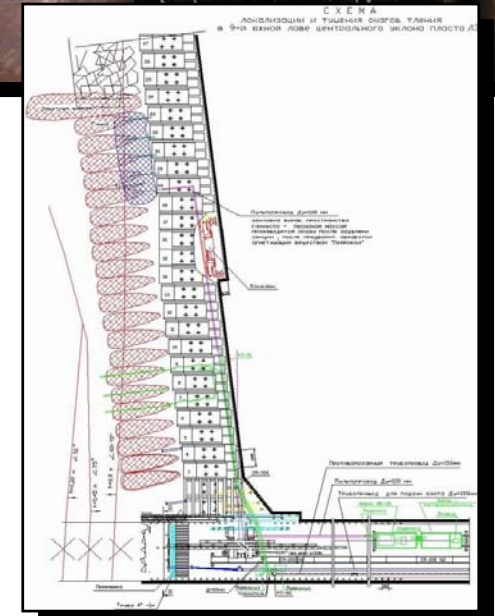
The elements of mine-rescuers training



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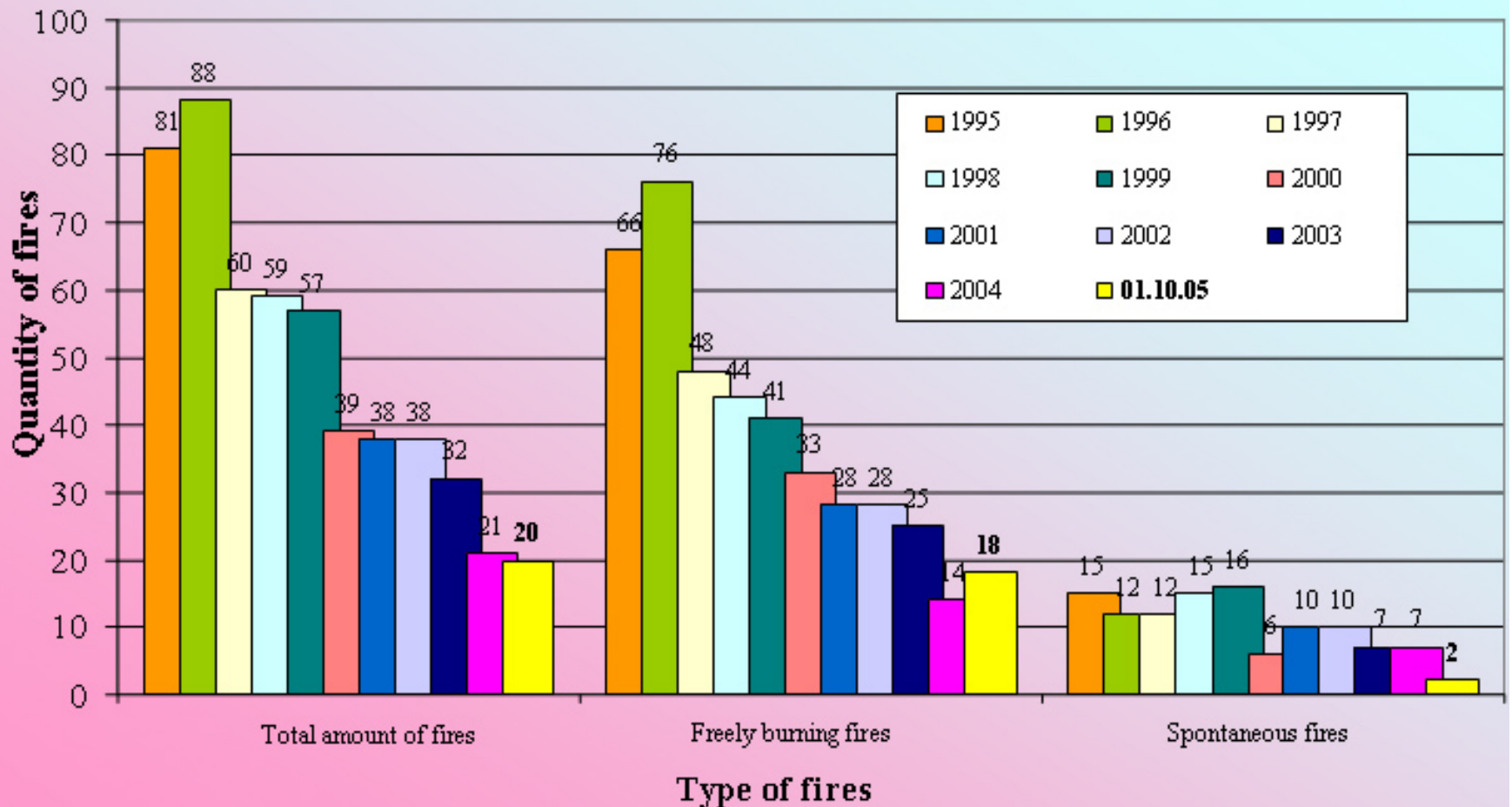


The working everyday life



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Comparative data: quantity of underground fires for 1995-2005



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The equipment of the State Mine Rescue Service



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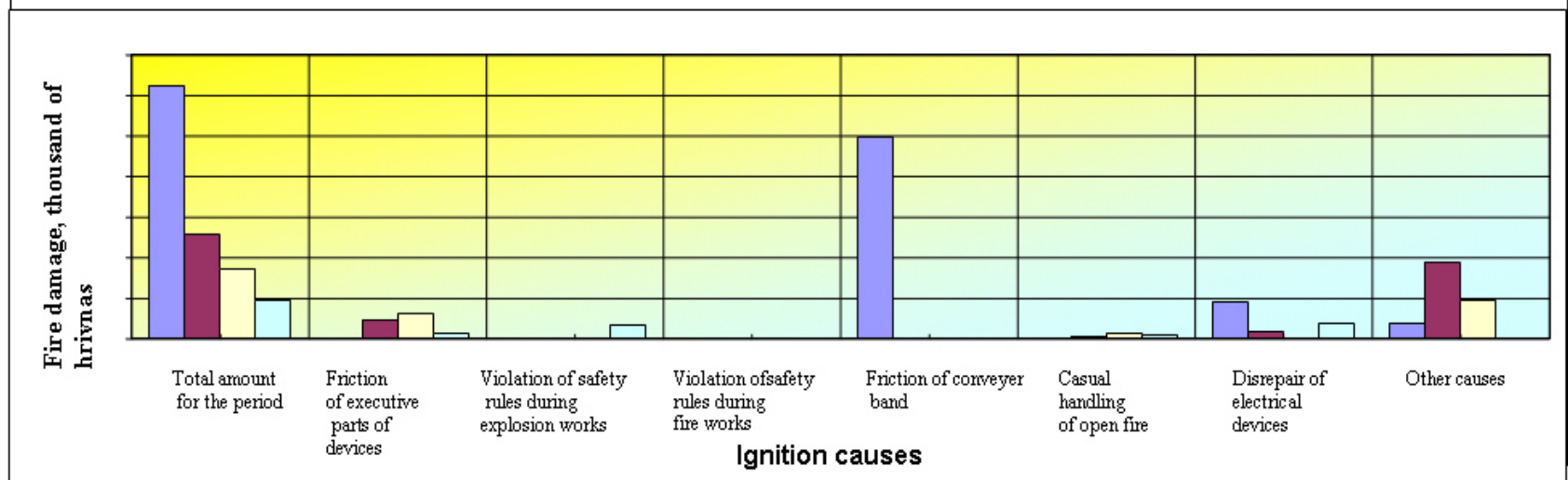
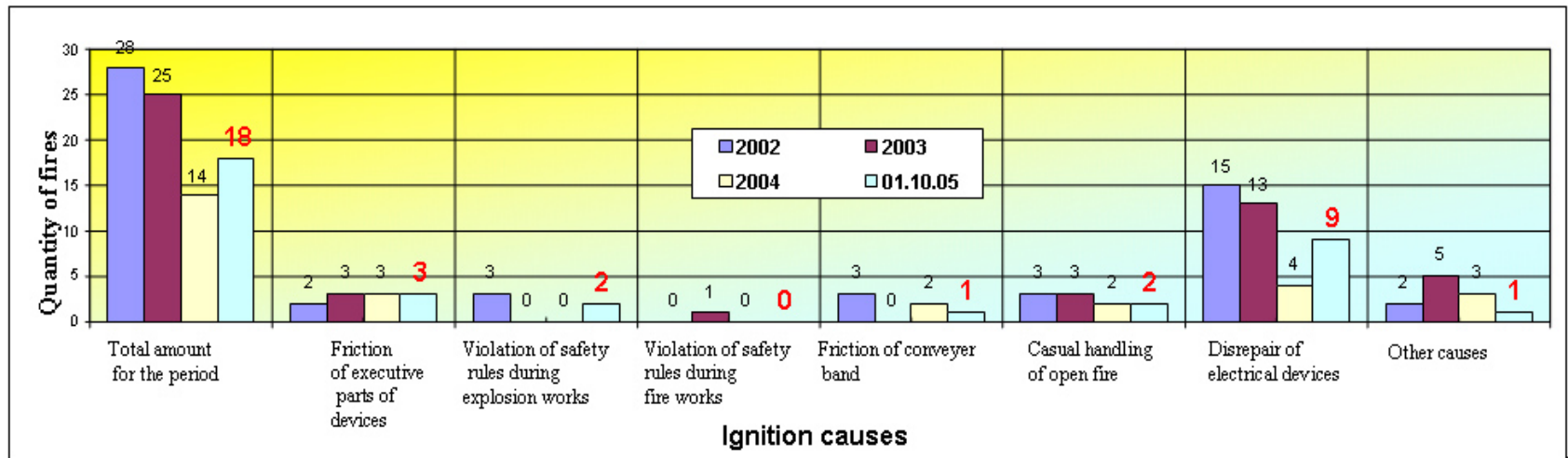


The technique of the State Mine Rescue Service



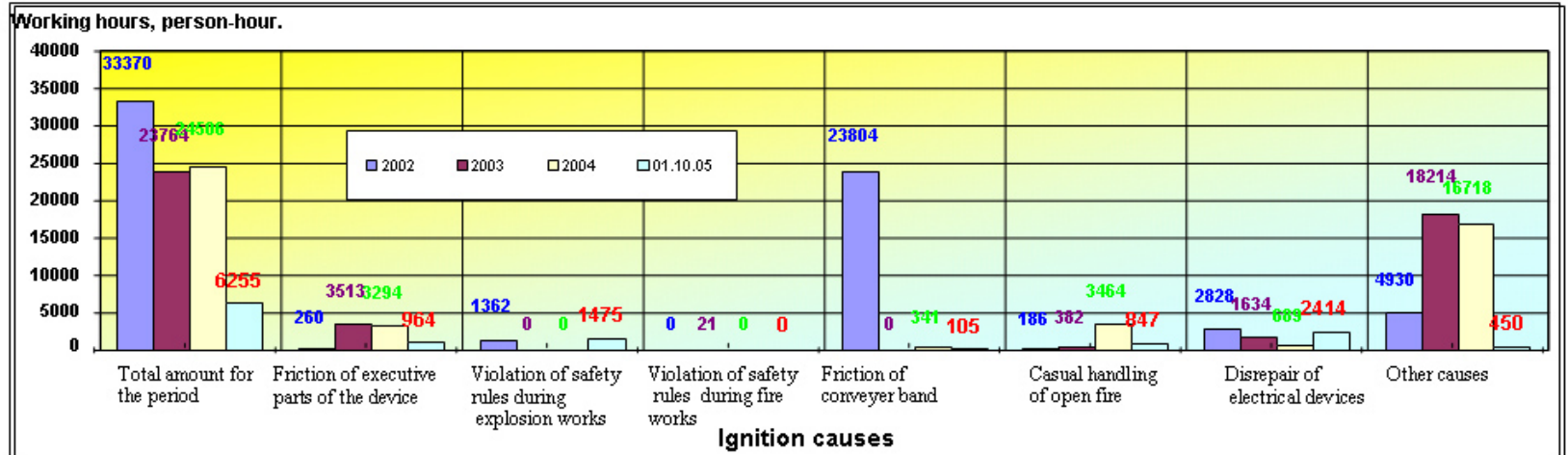
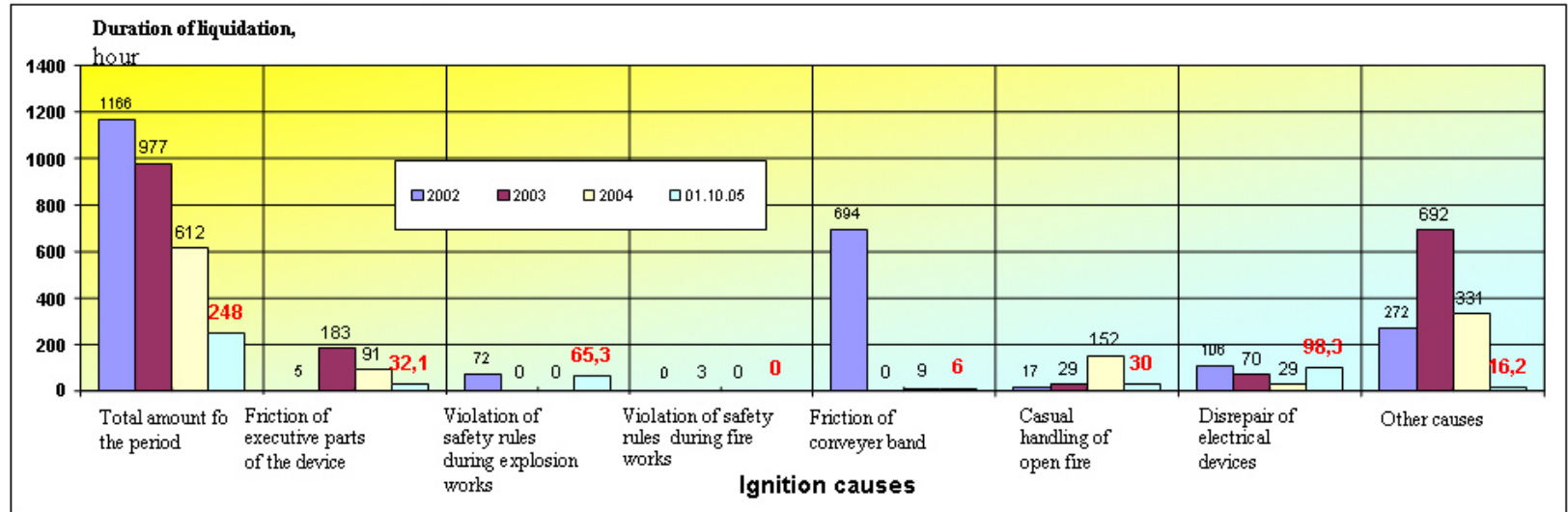
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Statistics of freely burning fires for 2002-2005



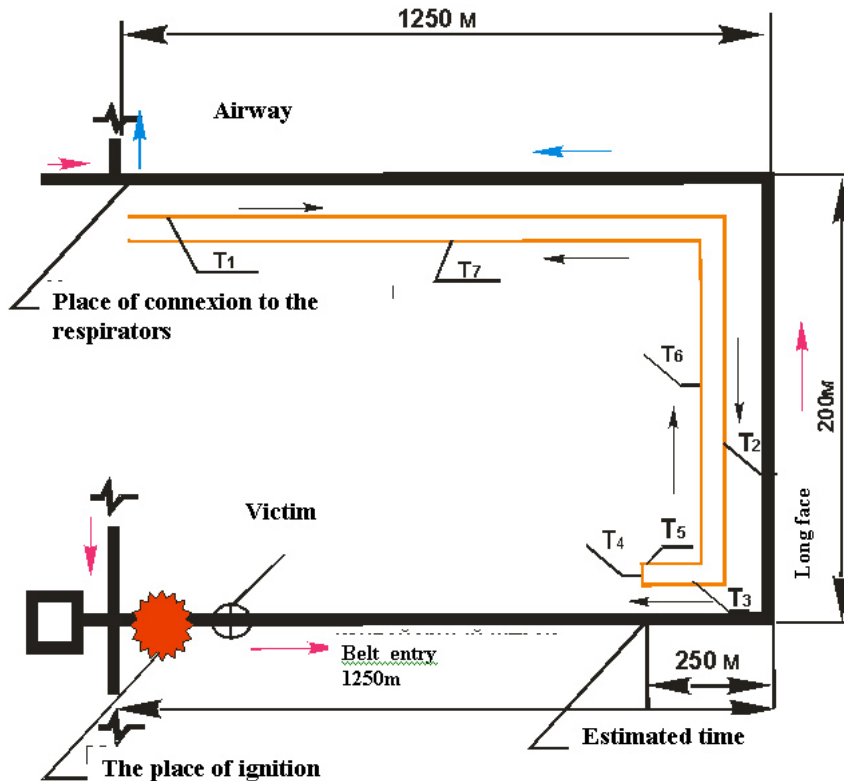
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Statistics of freely burning fires for 2002-2005



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Scheme of examination of a working area by branches of the State militarized mine-rescue service for the purpose to give assistance to a victim and to go out into the fresh air



The total operating time of the branch in an atmosphere unsuitable for respiration

$$T = T_B + T_4 + T_H = 82,6 + 5 + 128,4 = 216 \text{ min.}$$

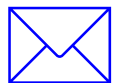
Time index	Denominations of workings	Time of movement, min
T ₁	Forward on airway	32,7
T ₂	Forward on long face	13,1
T ₃	Forward on belt entry	36,8
T ₄	Time for rendering assistance and for preparation to transport the victim	5,0
T ₅	Back with the victim on belt entry	82,1
T ₆	Back with the victim on long face	35
T ₇	Back with the victim on airway	11,3
The total operating time of the branch in an atmosphere unsuitable for respiration		216

**STATE MINE RESCUE SERVICE
IN COAL MINING INDUSTRY OF UKRAINE**



**THE STATE MINE
RESCUE SERVICE
IN COAL INDUSTRY
OF UKRAINE**

The State Mine Rescue Service headquarter



157, Artyoma street, Donetsk, 83048, Ukraine



+38 (062) 311-22-36



+38 (062) 381-81-49



gvgss @ ds.dn.ua