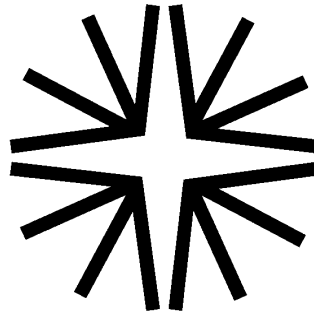


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EADRCC EXERCISE SITUATION REPORT N° 1 EXERCISE BOGORODSK 2002

Exercise/"Bogorodsk 2002"

1. Update on the Situation in Russian Federation

1.1. Following a terrorist attack at five o'clock in the morning of 22 September 2002, an explosion occurred in the fertiliser production factory in Noginsk City. The explosion has heavily damaged the production buildings and set them on fire. The manufacturing process has not stopped and is no longer under control, while dangerous chemical substances are released into the atmosphere. The explosion and the fires resulted in fatal casualties and injured people.

2. Characteristics of the Chemical Production Factory in Noginsk

2.1. The factory is located three kilometres north of Noginsk City. The population of the affected area is 150.000 people. Pochinki, a village with a population of 2.000 people, is at a distance of two kilometres from the factory and the village Jamkino, with 5.000 inhabitants, at distance of five kilometres. Electrostal, a city with a population of 140.000 people is located at ten kilometres distance. An oil refinery, which maintains stocks of 400.000 tons of light oil products, is located at a distance of five km from the factory, and a railway junction is at a distance of ten kilometres.

2.2. The chemical plant in Noginsk produces basic chemical and derivatives as well as different kinds of fertilisers. The annual capacity is about 10.000 tons of Nitrogen fertiliser, 20.000 tons of Phosphor and 10.000 tons of Phosphoric acid.

2.3. Among other inventories, the hazardous chemicals listed below are stocked at the plant.

-	Ammonia	14 tons
-	Ammonia Nitrate	200 tons
-	Chlorine	450 tons
-	Nitric Acid	15 tons
-	Phosgene	150 tons
-	Phosphor	400 tons
-	Phosphoric Acid	15 tons
-	Sulphuric Acid	300 tons

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2.4. It is estimated that with a north-eastern wind, at a speed of one meter per second, the toxic cloud will reach Noginsk City in 50 minutes and Electrostal City in two hours and 45 minutes.

3. **Evolution of the situation and measures taken by the Russian Authorities**

3.1. The Emergency Commission has been managing operations. Factory and city rescue teams are conducting search and rescue operations.

3.2. The Chief of the Emergency Management Centre at EMERCOM has reported the situation in the affected area to the Minister of EMERCOM. The Minister has decided to deploy an Operational Emergency Headquarters and to call for a meeting of the Inter-Agency Commission for Disaster Prevention and Response. Simultaneously, all forces and facilities of EMERCOM Central Region have been alerted and brought into readiness. The rescue teams of Russia's EMERCOM have arrived at the disaster area at nine o'clock in the morning of 22 September 2002.

3.3. In the meantime, the Investigation and Criminal Commission of the Federal Security Service and of the Ministry of Interior have been working in the area of the terrorist attack, and all public security forces from Noginsk City are engaged.

3.4. It is been estimated that the area of chemical contamination spreads to approximately 60 square kilometres, which includes five villages and cities with a total population of about 150.000 people. To determine the exact dimensions of the chemical contamination, aerial and land reconnaissance operations have been carried out using survey and laboratory control facilities.

3.5. The Local Emergency Management Authority (LEMA) has carried out all necessary protective measures, such as warning of the population, evacuation and sheltering. The evacuation of the local population and the security of the contaminated area have been arranged by officers of the Guarding Service from the Ministry of Interior and by staffs of the Evacuation Commission.

3.6. To locate and eliminate the chemical contamination, the following measures have been introduced:

- Establishment of water screens;
- Construction of traps and mounds at the locations of substance leakage; and
- Complex engineering measures

3.7. Four medical teams have been working in the disaster areas, and Fire Fighters have been trying to locate and stop fires.

3.8. On 22 September 2002, at twelve o'clock, the EMERCOM Air Mobile Field Hospital has deployed to the disaster area and its personnel has started providing medical aid to the affected population. Another Multi-Discipline Mobile Hospital of the Ministry of Health has deployed to the nearest Noginsk Central Regional Hospital, and the 32nd Central Navy Clinic (Kupavna Settlement, Moscow Region).

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3.9. At 14.00 hrs on 22 September 2002, another explosion occurred at the Isothermal Tank Storage. This has resulted in a secondary emission of chemically hazardous substance, which has affected some of the rescue teams. This has created a new threat of contamination for a territory with about 20.000 people. It should be noted that as with the primary emission, not all substances listed in paragraph 2.3 were released simultaneously.

3.10. At 15.00 hrs on 22 September 2002, the Russian Ministry of EMERCOM has reported to the Chair of the Government on the current situation, and at 17.00 hrs on 22 September 2002, the Ministry of Foreign Affairs requested international assistance.

3.11. Throughout 23 September 2002, the emergency rescue activities have continued and the local population has been evacuated from areas of potential contamination.

3.12. Russia has deployed the following units:

- Command and Control;
- A communication team;
- Search and Rescue teams;
- Fire fighting teams ;
- A chemical team;
- A field medical team;
- Explosives Ordnance Disposal (EOD)/Improvised Explosives Disposal (IED) team;
- An airborne response team;
- An air operations group;
- A field kitchen; and
- Police forces.

3.13. On 24 September 2002, international teams have started arriving at the disaster area and the Local Emergency Management Authority (LEMA) has proceeded with rescue operations and other urgent activities in the affected area. Together with representatives from the international teams, the local authorities have made an assessment of the team capabilities and develop the operational plan for actions. Early morning 25 September 2002, the international teams were ready to respond.

4. Deployment of International Teams

4.1. The following national elements are participating to the Euro-Atlantic Disaster Response Unit (EADRU) and have been deployed:

	Description	Date	No. Personnel
Austria			
4.1.1.	Explosives Ordnance Disposal (EOD) / Improvised Explosives Disposal (IED)	25-09-02	3
Armenia			
4.1.2.	Search and Rescue	25-09-02	20



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Description	Date	No. Personnel
Azerbaijan		
4.1.3. Search and Rescue	25-09-02	13
Belarus		
4.1.4. Chemical Team; Field Medical Team; Assistance Team	25-09-02	39
Finland		
4.1.5. Chemical Team, Search and Rescue, Command and Control Team	25-09-02	11
Germany		
4.1.6. EOD Explosives Ordnance Disposal/IED Improvised Explosives Disposal	25-09-02	3
Iceland		
4.1.7. Search and Rescue; Command and Control Team, Field Medical Team	25-09-02	20
Italy		
4.1.8. Command and Control Team, Chemical Team, Decontamination Team, Field Kitchen Team, Assistance Team	25-09-02	26
Moldova		
4.1.9. Chemical Team, Field Medical Team	25-09-02	11
Norway		
4.1.10. Decontamination Team	25-09-02	4
Poland		
4.1.11. Search and Rescue	25-09-02	7
Sweden		
4.1.12. Chemical Team, Decontamination Team, Command and Control Team	25-09-02	29
Ukraine		
4.1.13. Chemical Team, Search and Rescue, Field Medical Team	25-09-02	27

5. Outstanding requirements for assistance

5.1. With the deployment of the National Elements as listed in paragraph 4, all requirements for assistance to the stricken nations have been met.

6. Contact information

6.1. The Operational Point of Contact in affected area can be contacted in the following way:

Name: To be announced (TBA)
Organization: TBA
Telephone: TBA
Fax : TBA



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Operating Hours: TBA

7. Coordinated Response

7.1. The Euro-Atlantic Disaster Response Coordination Centre (EADRCC) can be reached the following ways:

Telephone: +32-2-707.2670
Fax : +32-2-707.2677
Mobile Phone: +32-475-82-90-71 (24 hours)
Telex: Belgium 23867
e-mail: Eadrcc@hq.nato.int

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