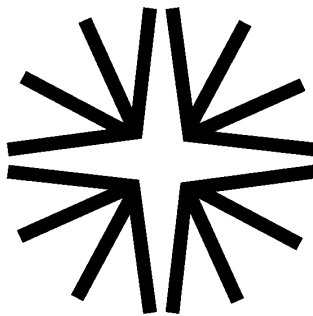


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**SITUATION REPORT №3
MINE COLLAPSE IN UKRAINE**

Message N°. : OPS(EADRCC)(2015)0056
Dtg : 23 September 2015, 13:30 UTC
From: : Euro-Atlantic Disaster Response Coordination Centre
To : Points of Contact for International Disaster Response in NATO and
Partner Countries
Precedence : Priority
Originator : Duty Officer Tel: +32-2-707.2670
Approved by : Acting Head EADRCC Tel: +32-2-707.2673
Reference : EAPC(C)D(98)10(Revised), AC_98(EAPC)N(2015)0017-REV1
This report consists of : - 9 - pages

1. In accordance with the procedures at reference, EADRCC has received on 20 September 2015, a disaster assistance request from Ukraine. The following information was provided.

2. General Situation:

Type of the Disaster : **Mine collapse**
Date and Time the Disaster occurred : **20 September 2015, 2:00 UTC**
Location of the Disaster : **Western Ukraine, close to Yavoriv town,
Lviv Oblast (region)**

3. **Initial Assessment of the damage and description of the situation.**

3.1. On 20 September 2015, at 5:00 AM a sulfur mine collapsed in the western Ukraine, close to Yavoriv town, Lviv Oblast (region). The mine collapse has been caused by the explosion of a gas-air mixture at a depth of about 300m.

3.2. Five miners suffered severe burns and fifty miners have been trapped underground. Additionally, the mine collapse generated strong localized seismic waves that destroyed several residential buildings and elements of critical infrastructures.

3.3. In the collapsed area got in: Yavoriv town (population 15 000 people), Novoyavorivsk town, (population 30 300 people), village Shklo, (population 5 840 people) village Cetula. In total already 60 000 people. Some populated areas remain without access to public services, since the tremor has severely damaged electricity and

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communication lines, a gas pipeline, railways and main roads. Consequently, a major road accident occurred on the highway Kyiv-Chop, with tens of casualties. During the extrication operations, rescuers found a possible radiation source in one of the cars involved in the accident. The situation is further aggravating when significant quantities of industrial toxicchemicals are released after a technological accident on the industry object “Ekotransenergo” in village Ternovytsa, Javoriv district, Lviv region.

3.4. Some populated areas remain without access to public services, since the tremor has severely damaged electricity and communication lines, a gas pipeline, railways and main roads.

3.5. Consequently, a major road accident occurred on the highway Kyiv-Chop, with tens of casualties. During the extrication operations, rescuers found a possible radiation source in one of the cars involved in the accident.

3.6. The national response capabilities are overstretched and the national health care system is backlogged, with the hospitals working at maximum capacity.

3.7. The situation is further aggravating when significant quantities of industrial toxic chemicals are released after a technological accident in one of the chemical factories near the town of Yavoriv.

3.8. Prognosis for the coming 24, 48 and 72 hours: The preliminary assessment of the disaster indicates an aggravating situation. The messages from the affected area indicate that 40 persons have died, 450 are injured and there are huge damages in an area of about 120 km² located in the vicinity of Javoriv town. Large affected areas remain unexamined and it is likely that further inspections will reveal a higher number of dead and injured persons. There is an urgent need for evacuation and relocation of people from the affected areas to temporary shelters and for providing them with tents, blankets, sleeping bags and drinking water. Civil protection services of Lviv region report that the regional hospital has been affected and the electricity and telecommunication infrastructure has been severely damaged. All rescue units are involved in emergency response.

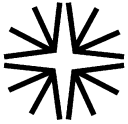
3.9. The initial disaster assessment indicate the need for international assistance, namely:

- Urban Search and Rescue teams;
- CBRN teams;
- Medical care.

3.10. On 23 September 2015, a series of incidents have occurred in the affected area and required coordinated intervention of Multinational Teams. The incidents caused a total of 41 injured and 8 fatalities.

Incident № 1 - at 08:19 a.m high rise building has collapsed in the Novoyavorivsky area in the vicinity of Sirka , there are people trapped and there is a possibility of fire. No electricity, number of injured people or victims is unknown.

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The Local Emergency Management Agency (LEMA) has sent 4 medical teams, 1 fire-fighting unit and 3 Search and Rescue (SAR) teams.

The Onside Operation Coordination Center (OSOCC) in coordination with the LEMA Liaison Officer (LO) has deployed:

- Spain with 1 Medium Urban Search and Rescue (MUSAR) team and medical team.
- Moldova with 1 medical team.
- Azerbaijan with ½ (half) SAR team.
- Romania with 1 telemedicine team.

The teams found, 23 injured people and 5 dead.

Incident № 2 - at 08:50 a.m. in Kurniki mine collapsed, miners are trapped under the ruins and buildings in the vicinity have also been affected.

LEMA has sent 5 medical teams with 2 psychologists, 1 SAR team.

OSOCC in coordination with the LO has deployed:

- 1 Joint CBRN team consisted from members of USA, Jordan and Hungary.
- Armenia with 1 USAR and 1 CBRN team.
- Poland with 1 CBRN team.
- Georgia with 1 CBRN team.
- Romania with 1 USAR team.

The teams found, 3 injured people and 1 dead.

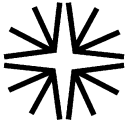
Incident № 3 - In the vicinity of the town Horyste the entrance of the mine has collapsed, miners are trapped and there are damaged buildings in area.

LEMA has deployed 2 medical teams with 2 psychologists, 1 SAR with 2 rescue dogs.

OSOCC in coordination with the LO has deployed:

- Azerbaijan with 1 SAR team.

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- Spain with 1 SAR.

The teams found, 15 injured people and 2 dead.

Incident № 4 - Near Sirka an accident happened on the road at 11:26 a.m., there was a collision between a passenger bus and a tank truck transporting unknown substances.

LEMA has sent 2 CBRN teams, 2 fire fighting teams and 4 medical teams,

OSOCC in coordination with the LO has deployed:

- Romania with 1 CBRN team and 1 medical team.
- Republic of Moldova with 1 CBRN team.

Incident № 5 - There is a strong smell in the area of Kurniki, and some unidentified persons have been spotted carrying equipment indicating the possibility of illicit chemical activity in the area.

OSOCC in coordination with the LO has deployed:

- Armenia with 1 SAR team and 1 CBRN team.
- Poland with 1 laboratory.

4. National resources available for disaster response and measures taken:

4.1. The national response capabilities are overstretched and the national health care system is backlogged, with one hospital affected by the disaster and other hospitals working at maximum capacity.

4.2. Municipal services have established a LEMA, which is in contact with the central authorities. According to initial information from the LEMA, due to severe damage to buildings, it is necessary to relocate the population to temporary shelters and to provide tents, blankets, sleeping bags and drinking water. Municipal services of Javoriv report damage to the hospital, a major power failure, large disruption of communication and people from the surrounding areas seeking assistance. In accordance with a request from the LEMA additional response forces as well as requested items are being sent to the impacted areas.

4.3. The State Emergency Service of Ukraine (SESU) rescue forces have started relief operations such as: erecting tents, evacuating people, providing household items and psychological support. However, considering the scale of the affected area and the strain on reserves, more resources are needed to cope with the disaster.

4.4. SESU established and deployed consequence management teams to deal with the emergency. SESU in the Lviv region deployed a joint unit and received support of

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personnel and equipment from neighboring regions (Volyn, Rivne, Ivano-Frankivsk, Chernovtsy, Ternopil regions). a mobile rescuer center as also been deployed (73 staff and 14 vehicles). The center includes 1 mobile hospital (12 staff and 1 vehicle), 1 chemical group (16 staff and 3 vehicles), 1 K9 search group (4 staff, 2 vehicles and 4 dogs). SESU units focused on clearing the debris of the collapsed buildings for the rescue of injured people and recovery of victims, elimination of consequences of the accident and to prevent further leakage and emissions. Conducted the inspection of all affected areas for setting a threat to people. Deployed a tent village for the temporary accommodation of injured people which provided with food and warm clothes. Mutually with local authority defined a list of object where injured people can be accommodated.

4.5. On September 22, 2015 SESU efforts were joined by teams by 10 countries (Armenia, Azerbaijan, Georgia, Hungary, Jordan, Spain, The Republic of Moldova, Romania, USA, Poland).

5. The following requirements for international assistance have been identified:

No	Description	Effective Date	Quantity
5.1.	Medium USAR Team	ASAP	2
5.2.	Light USAR Teams	ASAP	3
5.3.	Medical Teams	ASAP	4
5.4.	CBRN Teams	ASAP	5
5.5.	Chemical reconnaissance unit	ASAP	2
5.6	Assistance required in order listed (1st being highest priority): - food; - tents; - medical equipment and medicines; - vehicles for transporting victims (including aircraft); - special rescue equipment.	ASAP	TBD
5.7.	medicines and medical products (see table below)	ASAP	TBD

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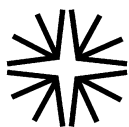
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Request for medicines and medical products

№	Name	Units of measurement	Quantity
1.	Antihistamines	packaging	200
2.	Hormonal drugs	packaging	200
3.	Analgesics, including narcotics	packaging	200
4.	Antianginal and heart medications	packaging	1000
5.	Antiarrhythmic drugs	packaging	100
6.	Antidote	packaging	100
7.	Antihypertensive drugs	packaging	2000
8.	Diuretic drugs	bottle	2000
9.	Antispasmodics	packaging	100
10.	Bronchodilators	packaging	100
11.	Antibiotics	packaging	100
12.	Isotonic solution	packaging	100
13.	Disinfection equipment	packaging	100
14.	Tools against burns	bottle	500
15.	Eye drops	bottle	10000
16.	Bandage gypseous №15	pieces	2000
17.	Bandage gypseous №20	pieces	2000
18.	Collar orthopedic children, adult	pieces	200
19.	Tire flexible «Sam Splint»	pieces	200
20.	Non sterile bandages	pieces	90000
21.	Sterile bandages	pieces	90000
22.	Plasters 5x500cm	pieces	3000
23.	Sterile medical gloves №50 №7, 8, 9	packaging	30000
24.	Syringes various	pieces	20000
25.	The system for intravenous infusion	pieces	15000
26.	Intravenous catheters various	pieces	10000
27.	Intravenous catheters №22	pieces	1000
28.	Stop bleeding overlay	pieces	1000

5.8. Ukraine's State Emergency Services have also requested, through the EADRCC, access to EU's Copernicus Rapid Mapping imagery of the incident area.

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6. Assistance provided/offered by EAPC Nations and International Organisations:

6.1. Teams deployed by EAPC Nations:

No	Country & Organisations	TEAMS
1.	Armenia	1 CBRN Team, 1 USAR Team. Total 2 Teams with 21 people.
2.	Azerbaijan	USAR Team with 12 people.
3.	Georgia	1 DECON Team, 1 Rescue Team. Total 2 Teams with 12 people.
4.	Hungary	1 CBRN Team with 3 people.
5.	Jordan	1 CBRN Team with 2 people, 1 USAR Team with 2 people. Total 2 Teams with 4 people.
6.	The Republic of Moldova	1 CBRN Team, 1 Medical Team. Total 2 Teams with 11 people.
7.	Romania	1 CBRN Team, 1 USAR Team, 1 Medical Team. Total 3 Teams with 41 people.
8.	Spain	1 USAR Team with 22 people and 2 dogs.
9.	Ukraine	1 CBRN Team with 27 people, 1 USAR Team with 55 people, 1 Medical Team with 32 people. Total 3 Teams with 114 people and 4 dogs.
10.	USA	1 CBRN and 1 Medical Team.
11.	The Multinational IT&C Team	1 Team with 4 people.
12.	Poland	1 CBRN Team with 11 people came 22 of September

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7. The Operational Point of Contact in Ukraine is as follows:

Name :	Mr. Serhiy KRAVCHENKO
Organization:	State Emergency Service of Ukraine – Lviv Oblast
Phone:	+38 (044) 247-30-79; Mobile: +38 (067) 965-13-54
E-mail:	kravchenko@mns.gov.ua
Operating Hours:	24/7
Operational Point of Contact in the affected area Services of experts (indicate specialty and for how long)	
Name:	Staff LEMA
Organization:	State Emergency Service of Ukraine – Lviv region
Phone:	+38 (032) 239-02-93; Mobile: +38 (073) 310-15-90
E-mail:	dsns.Lviv.poligon@gmail.com
Operating Hours:	24/7

8. Points of Entry:

8.1. Lviv Airport and official border crossing points

9. Point of Delivery:

9.1. State Emergency Service of Ukraine – Lviv Oblast

10. Coordinated Response

10.1. Information about assistance offered and provided will be compiled from inputs received from EAPC national authorities, which does not imply the EADRCC's active involvement in each of the co-ordination processes.

10.2. The Euro-Atlantic Disaster Response Coordination Centre can be reached in the following ways:

Telephone: +32-2-707.2670
Fax : +32-2-707.2677
Mobile Phone: +32-475-829.071 (24 hours)
e-mail: eadrcc@hq.nato.int
Internet: http://www.nato.int/cps/en/natohq/topics_117757.htm

11. Response co-ordination.

11.1. With a view to providing a coordinated response to the stricken nation's requirements, nations in a position to meet these demands, in full or in part, are invited to reply to the Operational Point of Contact of the Stricken Nation, with an information copy to EADRCC, by any of the communication means listed above and below.

11.2. The EADRCC is in close contact with the United Nations Office for the Coordination of Humanitarian Affairs (UN-OCHA) in Geneva and the EU Emergency Response Coordination Centre (ERCC).

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11.3. The Euro-Atlantic Disaster Response Coordination Centre can be reached in the following ways:

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