

TABLE-TOP EMERGENCY RESPONSE EXERCISE

Chisinau, Republic of Moldova, 23 –26 March 2015



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Background Document

UNECE Convention on the Transboundary
Effects of Industrial Accidents
Project under the Assistance Programme



Table Top Exercise Background Document



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based on a draft provided by the Republic of Moldova

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Aims and Description

Table-top and **field exercises** are efficient tools of different scale – from the basic table-top to full-scale in the field – organised to (i) test coordination procedures between international actors, government representatives and emergency workers, (ii) assess response capabilities, and (iii) provide input from lessons learned into the Joint Contingency Plan, under preparatory phase.

More specifically, the **Danube Delta Table Top Exercise (DD TTEX)** will concentrate on the **validation of key provisions of the draft of Joint Contingency Plan**, while the **Danube Delta in – Field Exercise (DD FEX)** will have the objectives to **test the emergency procedures for notification, preparedness and emergency response in the three countries, to collect data for analysis and to further improve and finalize the Joint Contingency Plan.**

Both exercises will be organised within the frame of workshops in the participating countries, to allow discussions on the collected data, on areas for improvements and possible gaps in the procedures, and to facilitate illustration of good practices and lessons learned for improving crisis management in the Danube Delta Region.

2.1 What is a Table-top exercise

A table-top exercise (TTEX) is an effective tool in a structured discussion on the basis of relevant scenarios, for clarifying tasks, roles, and responsibilities and for exploring the needs for coordination and collaboration during crisis management.

During a disaster is not enough time to think about in-depth analysis so we must be prepared in advance

The discussion encourages participants to become involved and it promotes analysis of critical issues from multiple perspectives on the basis of relevant

documents, information, and data, to enhance the crisis promptness of the competent authorities.

It is expected that during the planned Workshop and the DD TTEX, the participants acquire more experience and knowledge on how to respond in a disaster scenario, which can reduce the severity of the crisis, and reduce the possible confusion on the response steps to be taken.

However, only the Field Exercise shall allow for real-time response tracking through the Danube Delta region, offering opportunities to be much closer to the actual experience.

Participants, Scenario, Schedule

JOINT TABLE-TOP EXERCISE

EXERCISE PARTICIPANTS:

- From Moldova: Civil Protection Emergency Situation Service (CPSS) MIA duty officers, Border Service MIA, Custom Service, Danube Logistic Company, National Network of Observation and Laboratory Control, Local authorities;
- From Ukraine: The State Emergency Service of Ukraine (SES), duty officers from Odessa Oblast, Reni Port Administration, Izmail Port Administration, Danubian Hydrometeorological Observatory, State Ecological Inspection of Ukraine.
- From Romania: CPSS duty officers from Galati district, Galati port Administration;

EXERCISE GOALS AND OBJECTIVES:

- Joint Contingency Plan testing;
- Use the IAN system in the exchange of information process;
- Testing of the interaction between operational duty from Moldova, Ukraine, Romania and potential hazard object administration;

EXERCISE SCENARIO:

- Giurgiulesti International Free Port, Danube Logistic Company will report on oil spill from the oil terminal to Danube;
- Change of information about the situation, activity carried out, forces involved, etc.

TTX INTERCONNECTION SCHEME:

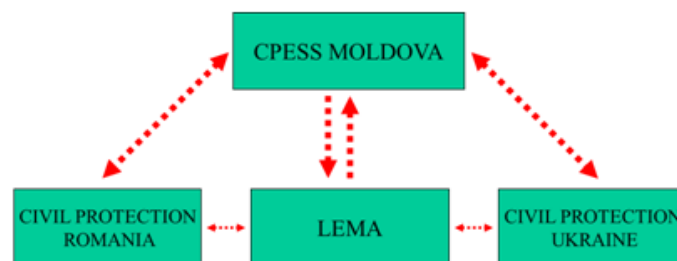


TABLE-TOP EXERCISE SCHEDULE:

- Beginning Top -Table exercise (TTX): date have to be confirmed apr. 10.03.2015 – 09:30;
- Two time-scales using: astronomical time and operational time;
- Finish TTX – 10.03.2015 - 16:00;
- Joint seminar about TTX results. – 11.03.2015

*LEMA: Local Emergency Management Associations

Documents

UNECE Convention on the Transboundary Effects of Industrial Accidents UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes

Checklist for contingency planning
for accidents affecting transboundary waters

Prepared by the Joint ad hoc Expert Group
on Water and Industrial Accidents

Final version



UNECE 2014

Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety

Umwelt
Bundes
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for Mensch und Umwelt

UNECE Convention on the
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Table Top and Field Exercises

Templates Emergencies

Annex 1



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Table Top and Field Exercises

Post Exercise Evaluation Report Template

Annex 3



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Table Top and Field Exercises

Announcement Template

Annex 2



Working Tables

Hazard and Crisis Management Week (Chisinau, 23–26 March 2015)

Working group on emergency management/response and mutual assistance (Group 2)

WORKSHEET

The objective of the Working group on emergency management/response and mutual assistance is to examine during the table-top exercise how activities aimed at responding to an industrial accident are carried out and forces are deployed, how the equipment available to respond to an industrial accident is identified and how the need for mutual assistance is defined. Requesting mutual assistance through the UNECE Industrial Accident Notification System will also be exercised.

No	Description	Relevant stakeholders	Actions that the relevant stakeholders would take	Supporting questions to complete the column "Actions that the relevant stakeholders would take"	Relevant excerpts (Article) from the draft Joint Contingency Plan (JCP) (if covered)	Gap analysis and further remarks
1	05.00 am: During unloading operations in the GIFP, a structural failure of the transfer hose caused spill of diesel fuel into the Danube at a rate of 250 l/min.	Oil Terminal Giurgiulesti personnel	To be completed	How would you detect leaks? How do you stop leaks entering? Are you checking for this?	To be completed	To be completed
2	06.00 am: An employee of the GIFP detects the leak.	Oil Terminal Giurgiulesti personnel	To be completed	How do you detect leaks? How do you contact fire services?		

Hazard and Crisis Management Week (Chisinau, 23–26 March 2015)

Working group on on monitoring, measurement and assessment (Group 3)

WORKSHEET

The objective of the Working group on monitoring, measurement and assessment is to examine during the table-top exercise how possible accidents, the negative impacts thereof and the need of mutual assistance are detected, monitored, measured, assessed and reported.

No	Description	Relevant stakeholders	Actions that the relevant stakeholders would take	Supporting questions to complete the column "Actions that the relevant stakeholders would take"	Relevant excerpts from the Joint Contingency Plan (JCP) (if covered)	Gap analysis and further remarks
1	05.00 am: During unloading operations in the GIFP, a structural failure of the transfer hose caused spill of diesel fuel into the Danube at a rate of 250 l/min.	Oil Terminal Giurgiulesti personnel	n.a.		n.a.	n.a.
2	06.00 am: An employee of the GIFP detects the leak.	Oil Terminal Giurgiulesti personnel	To be completed	How would you detect leaks? How would you estimate the quantity of the release? How would you estimate whether the leak has been	To be completed	To be completed

Conclusions and Lessons Learned



Perfect organization including supportive documentation, working area and logistics



Clear scenario, tasks for participants



Effective work of international teams



Differences in information flow, notifications



Differences in national legislation



Differences in terminology and definitions

THANK YOU !