



**Project on hazard and crisis management
in the Danube Delta
Hazard and Crisis Management Week**

**Table-top Exercise
Objectives and Scenario
Instructions/templates for participants**

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Structure of the presentation

Context and background

Introduction of the Danube Delta Table -Top Exercise (DD TTEX)

Objectives of the DD TTEX

DD TTEX performing phases

Templates for likely emergencies



Context and Background

CONTEXT

UNECE Project on Hazard and Crisis Management in the Danube Delta – one of the main objectives: to produce action plans to improve HCM, through a table-top and field-exercise testing their joint response and capabilities to an oil spill in the Danube Delta.

HCM Workshop (March 2015) offers a unique coordination platform for exchange of views, experience, and lessons learnt exercises between authorities involved in the HCM in the Danube Delta Region.

BACKGROUND

Guidelines package

Background document

Templates



Introduction of the 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.

Four different phases of performing the DD TTEX:

- (1) Planning**
- (2) Organization**
- (3) Execution**
- (4) Evaluation**



Table - top Exercise: Planning

Methodology for planning the DD TTEX – 3 steps

- Supporting documentation and information about the exercise
- Agreement of objectives
- DD TTEX participants: key team members, observers, supporting staff

The DD TTEX team leader is Ms. Svetlana Stirbu.



Objectives of the Table - top Exercise

Review, test, improve and validate the draft Joint Contingency Plan (JCP) for the Danube Delta, including through the application of the checklist for contingency planning for accidents affecting transboundary waters;

Identify shortcomings/areas for improvement in working in an event of emergency (i.e. warning, response actions, monitoring, notification, flow of information, modelling) and when receiving assistance during an industrial accident at the Oil terminals in the Danube Delta;

Draft action plans for further improving crisis management in follow-up to the DD TTEX;

Receive feedback from the bi-/multilateral commissions on the outcomes of the DD TTEX;

Ensure interaction and exchange of information between the participants from the Republic of Moldova, Romania and Ukraine and to share lessons learned from the project with representatives of other Assistance Programme beneficiary countries;

Validate the completeness of the Guidelines Package, and its content to be used for the DD FEX, planned for June 2015.



Table - top Exercise: Organization

- **Agreement on a representative trigger event or a package of trigger issues**
- **Scenario planning**
- **Scenario modules**
 - **Notification:** The TTEX will examine the notification and information sharing arrangements, procedures and capabilities starting from the operator and going up the emergency response chain. Requests for mutual assistance will also be discussed;
 - **Emergency management/response and mutual assistance:** The TTEX will examine how activities 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;
 - **Monitoring and measurement:** The TTEX will examine how the impact of an industrial accident is assessed, including monitoring and measuring the environment impacts.



Table - top Exercise: Execution (1)

Introduction of the DD TTEX

Introduction of Scenario

Discussion of possible responses

Collection of proposed adjustments in the JCP draft and the checklist for contingency planning for transboundary waters



Table - top Exercise: Execution (2)

Introduction of the Scenario – industrial accident leading to an accidental pollution at the GIFP

Description

On March 24, 2015 at hrs 05:00 (local time) at the Oil Terminal Giurgiulesti (GIFP), on the territory of Republic of Moldova, an accidental oil pollution has occurred, during an accidental oil spills from tankers.

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 XXX l/min.

An employee operator discovers the leaks, based on (measurement, walkthrough routine,)

The operator notifies the local emergency services

The local emergency services(either go and check and then notify the central services or notify everybody (including local counterparts in Ukraine and Romania)

After assessing the effects, there is a threat for the drinking water abstractions and for a natural heritage site.



Table - top Exercise: Execution (3)

Discuss possible responses, considering:

- Environmental regulations
- Environmental safety infrastructure
- Fire fighting systems and procedures
- Oil Spill Response
- GIFP Procedures

Deadlines for proposed adjustments in the JCP draft



Table – top Exercise: Evaluation

Presentation of the DD TEX results

Delivery of the post-exercise report with recommendations

Lessons learned

1. Meeting the objectives of the exercise
2. Did the DD TTEX activity involve the appropriate participants to accomplish its scope?
4. Did the DD TTEX activity provide an opportunity for training of the roles of participants?
5. Did the DD TTEX guidelines package materials support the exercise?
6. Are there improvements needed in the draft JCP, in relation to the systems and procedures?

Emergency templates (Annex 1)

EMERGENCY COORDINATORS CONTACT DETAILS

EMERGENCY PHONE NUMBERS

GIFP UTILITIES EMERGENCY CONTACTS

LIKELY EMERGENCIES SITUATIONS

CHEMICAL SPILL

FIRE

NATURAL HAZARDS (EARTHQUAKE, FLOODING)

POWER LOSS

MEDICAL



UNECE

United Nations Economic Commission for Europe

Thank you for your attention!

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