

**Scenario of International
Synthetic Exercise «Black sea Alpha-2014»
within the framework of Convention on the protection of the Black sea against
pollution 1992**

Theme: Oil spill consequences combating at sea after technogenic tanker accident.

Venue:

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Time:

From 10.00 till 18.00 21 of May 2014, Moscow local time (UTC+4).

Background:

1. Implementation The Convention on the Protection of the Black Sea against Pollution (the Bucharest Convention) 1992 and The Black Sea Contingency Plan to the Protocol on Cooperation in Combating Pollution of the Black Sea Marine Environment by Oil and Other Harmful Substances in Emergency Situations (The Black Sea Contingency Plan).
2. Decisions of 17 Meeting of Advisory Group on Environmental Safety Aspects of Shipping of Commission on the Protection of the Black Sea Against Pollution (Commission of the Black Sea).

Participants:

- Representatives from Secretariat of Commission of the Black Sea (by agreement);
- Representatives from rescue services of Bulgaria, Georgia, Romania, Turkey, Ukraine (by agreement);
- Representatives from rescue services of Russia.

Plan of Exercise conducting:

Under the terms of Synthetic Exercise conducting is agreed that organizations which representatives participate in exercise are occupied by daily work, their duty dispatching services carry out round-the clock duty. Duty equipment which is carrying out emergency rescue preparedness are in determined preparedness in points of permanent duty.

Hydro meteorological conditions at exercise conducting: air temperature +29° C, water temperature +18° C, current 300° 1,2 knot, wind NE 8 m/s.

At 08.00 May 21 tanker of the type «Valdai» with cargo of crude oil departed from the portable berthing device #2 of Caspian Pipeline Consortium - P and started to move to Black Sea straits.

At 10.00 report from tanker captain was received that outside territorial sea of Russian Federation as a result of collision with other vessel at the coordinates 44⁰24,0 N

37°46,4 E tanker get a hole and oil spill was occurred. Calculated value of spill at sea is about 1200 tons.

On emergency tanker general ship alarm is declared, Emergency Vessel Plan on oil spill combating is put into action, and vessel crew take measures on further oil spill prevention.

Duty captain coordinator of MRCC Novorossiysk notifies State Marine Rescue Coordination Centre (SMRCC), Supervisor of Azov-Black Sea branch of FSBE «Marine Rescue Service», further acts according to the scheme of organization of notification and connection at marine accident in Russian Black Sea search and rescue region.

By the decision of Federal Agency of Maritime and River Transport which were sent through SMRCC in MRCC Novorossiysk, «Regional Plan on oil spill prevention and combating on Azov and Black Sea basin of Russian Federation» was introduced into action, Regional staff of operation management of FSE «Administration of marine port Novorossiysk» was deployed.

In the region of tanker accident was sent forces of Azov and Black Sea branch of FSBE «Marine Rescue Service». Forces and equipment of Black Sea ports, interacted rescue services, oil industry objects which are operated on ports water areas are alerted.

Notification of Secretariat of Black Sea Commission and States of the Bucharest Convention about oil spill is produced through MRCC Novorossiysk at the direction of SMRCC according to The Black Sea Contingency Plan.

For oil spill combating is necessary to invite forces and equipment of Regional level from Federal Agency of Maritime and River Transport, interacting organizations, and also forces and equipment of neighboring states.

Coordination of actions of representatives from interacting organizations of Black Sea States rescue services is implemented by Supreme On-Scene Commander (SOSC) appointed by Russia, Regional staff of operation management through MRCC Novorossiysk (actually by Synthetic Exercise Commander).

Regional staff of operation management appoints the National On-Scene Commander (NOSC).

Supreme On-Scene Commander together with Regional staff of operation management in the cooperation with National On-Scene Commander on the basis of «Regional Plan on oil spill prevention and combating on Azov and Black Sea basin of Russian Federation» work out oil spill combating operative plan (oil spill combating decision) and report about it to Synthetic Exercise Commander.

Regional staff of operation management addresses to Federal Agency of Maritime and River Transport with proposal of request of assistance from Black Sea States by specialized vessels with oil recovery equipment. Federal Agency of Maritime and River Transport addresses with such proposal to Ministry of Transport of Russian Federation which takes a decision about request of assistance and sends this decision through SMRCC to MRCC Novorossiysk.

MRCC Novorossiysk sends request for assistance in the form of oil recovery vessels with appropriate equipment to the Black Sea Commission Secretariat and Black Sea States according to The Black Sea Contingency Plan.

Black Sea States conditionally provide requested assistance and send forces and equipment to the area of accident and notify about taken decisions and measures through MRCC Novorossiysk.

Supreme On-Scene Commander together with Regional staff of operation management estimate capabilities of forces and equipment sent from Black Sea States for assistance, estimated terms of their arrival and decision about their including in oil spill combating operation is worked out and reported to Synthetic Exercise Commander, directions and commands for forces and authorities according to Operative oil spill combating Plan are prepared.

Actual actions of participants of Synthetic Exercise are implemented according to Plan table of International Synthetic Exercise conducting.

Organization of Exercise command

Exercise Commander – Deputy Head on Fleet of SMPCSA Michail Sarkov.

Organizational instructions on Exercise conducting

1. Synthetic Exercise is conducted without using any communication means, without response resources invitation, without deployment staff of operation management, commissions on emergency prevention and combating and fire safety provision.

2. During Exercise participants should:

- to make calculations on oil spill distribution at sea, determination of adequacy of forces and equipment for oil spill localization and combating, determination of forces and equipment optimal action options at oil spill combating;

- to make decisions on oil spill localization and combating, give appropriate instructions and directions to authorities and emergency rescue formations;

- to use pollution message system POLREP for pollution notification, request for assistance, providing assistance requested, transfer of messages about progress of operation on oil spill combating.

3. At oil spill distribution modeling, forces and equipment optimal action options choice density of oil at temperature 16° C is accepted as 0,803 t/m³.

4. Order of Synthetic Exercise conducting. Participants of the Exercise will be arranged in one training class. With the beginning of the Exercise Commander of the Exercise introduces participants in training situation and builds it up by introductions according to Plan table of International Synthetic Exercise conducting. After each introduction Exercise Commander gives necessary amount of time for situation estimation and working out of decisions on oil spill response by participants, preparation of suitable reports, directions and commands. After this decisions which were made and actions of participants of the Exercise on this decisions with the aim of optimal decisions working out on this introduction. After this Exercise Commander moves to the next introduction. Exercise Commander uses means of collective information display on all stages of the Exercise.

Exercise analysis

Will be carried out after the Exercise ending. It is carried out by Exercise Commander with opinions exchange on progress and results of the Exercise with discussion of questions connected with improvement of joint activities within the framework of the Bucharest Convention and The Black Sea Contingency Plan.