

# Report of BLACK SEA RU BRAVO 1/2013 EXERCISE

(20.03.2013)

## Introduction.

According to the Black Sea Contingency Plan (Annex IX - Long term plan for Oil Spill Exercises) and the decisions of the 20th ESAS AG meeting (11-13 October 2011) Russia was responsible for conducting the Black Sea BRAVO Exercise in the second decade of March 2013.

MRCC Novorossiysk on behalf of Russia has arranged and conducted a quarterly Black Sea BRAVO Exercise on March 20, 2013.

The goal of the exercise was to test the agreed procedures and lines of communication (e-mail, fax, telephone) for reporting, requesting and providing assistance, and to get a picture of the current response readiness of the Black Sea Contracting Parties when called to assist.

The following entities participated in the exercise:

1. MRCC Batumi (Georgia);
2. MRCC Ankara (Turkey);
3. MRCC Constanta (Romania);
4. MRCC Varna (Bulgaria);
5. MRCC Odessa (Ukraine);
6. BS Commission PS;
7. ERAC Varna;
8. SMRCC Moscow (Russia).

## 1. SCENARIO:

On the 20<sup>th</sup> of March 2013, at 06:08 UTC Oil tanker "TVER", flag Panama, call sign GNDC, DWT 40700, GRT 12394, LOA 181 m which sailed from Kerch strait was loaded with IFO , in position 45° 00.0' N ; 036° 37.0' E, offshore collided with the dry-cargo vessel "SEABREEZE" .

As a result of collision, Oil tanker "TVER" had a serious tear, fuel oil spilled into the sea. No damage to dry-cargo vessel " SEABREEZE ". DISTRESS signal was received by MRCC Novorossiysk from both ships at VHF channel 16 and collision position determined from VHF DSC.

Approximately 1500 tons of fuel oil IFO-380 has been spilled at sea from Oil tanker "TVER".

Weather condition:

- Wind direction and speed - NNW - 12 m/sec;
- Current - 230.0° - 0,5 knots;
- Sea state and visibility - Wave height 0.5 m, visibility 5-6 Nm.

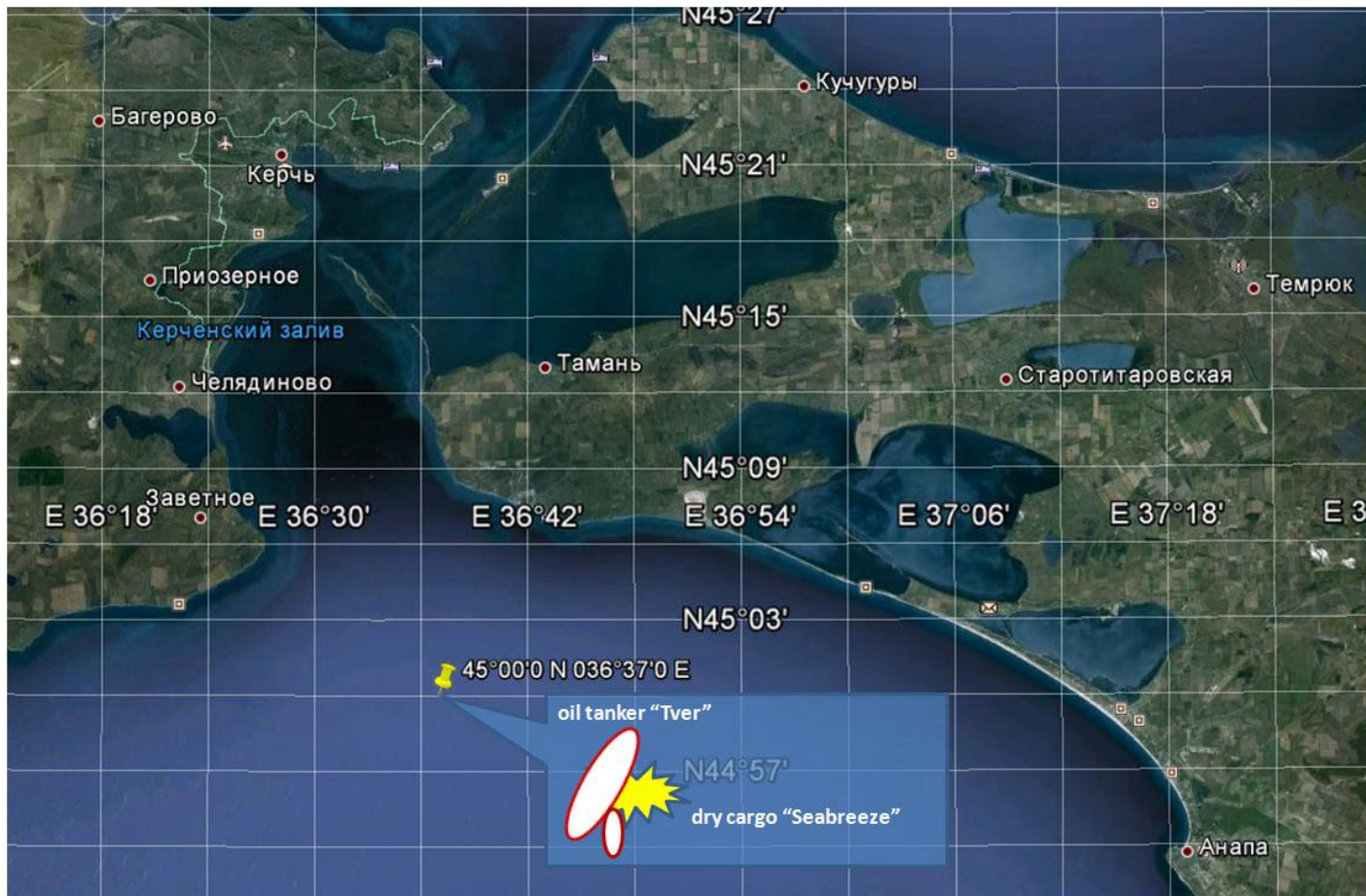
Characteristics of pollution – Fuel oil IFO-380; density 0,95 g/cm<sup>3</sup>; viscosity 380 cSt at 20°C: flash point +60 °C.

The National Marine Oil Spill contingency plan was activated; National On-Scene Commander was a head of MRCC.

This report includes all information gathered during the exercise as:

1. Scenario;
2. First Announcement of conduct of BLACK SEA RU BRAVO 1/2013 EXERCISE;
3. Texts of messages send;
4. Summary table message;
5. Notes;
6. Proposals;
7. Conclusion.

### Position of Incident



## 2. First Announcement of conduct of BLACK SEA RU BRAVO 1/2013 EXERCISE

The message (exercise BLACK SEA RU BRAVO 1/2013 start)

Introductory Part					
Addresses	From:	MRCC Russia	Faxes	E-mails	
			7 8617676420; 7 8617619424	mrcc3@ampnovo.ru	
	To:	MRCC Bulgaria	359 52 603 265	mrcc_vn@marad.bg	
			MRCC Romania	402 41 606 065	mrcc@rna.ro
				MRCC Georgia	995 222 73905
			MSRCC Turkey		90 312 232 08 23
				MRCC Ukraine	380487776610
BSC ESAS Cc: ERAC Varna	90 212 299 29 44 359 52 633563	secretariat@blacksea-commission.org valeria.abaza@blacksea-commission.org			
	Date Time Group		20/03/2013 0600 UTC		
Identification		MESSAGE BLACK SEA RU BRAVO 1/2013			
Serial Number		RU/ BRAVO			
<b>The BLACK SEA RU BRAVO 1/2013 EXERCISE HAS BEEN STARTED</b>					
All members are informed about start of the Exercise. All members are kindly requested to confirm to SMPCSA - (MRCC) Novorossiysk the acknowledgement of their readiness.					

**EXERCISE EXERCISE EXERCISE**

## 3. Texts of Messages Send by MRCC Novorossiysk

POLREP (exercise BLACK SEA RU BRAVO 1/2013)

Introductory Part				
Addresses	From:	MRCC Russia	Faxes	E-mails
			7 8617676420; 7 8617619424	mrcc3@ampnovo.ru
	To:	MRCC Bulgaria	359 52 603 265	mrcc_vn@marad.bg
			MRCC Romania	402 41 606 065
MRCC Georgia	995 222 73905	mrcc@mta.gov.ge		

	MSRCC Turkey	90 312 232 08 23	trmrcc@denizcilik.gov.tr
	MRCC Ukraine	380487776610	mrcc_ukraine@sar.gov.ua
	BSC ESAS Cc: ERAC Varna	90 212 299 29 44 359 52 633563	secretariat@blacksea-commission.org valeria.abaza@blacksea-commission.org
Date Time Group	20/03/2013 0730 UTC		
Identification	POLREP BLACK SEA RU BRAVO 1/2013		
Serial Number	RU/ BRAVO 1		
<b>URGENT Part I POLWARN</b>			
1	Date and time	1	200730 z
2	Position	2	Lat. 45-00,0 N Lon. 036-37,0 E
3	Incident	3	M/t «Tver» collided with bulk carrier «Seabreeze»
4	Outflow	4	Fuel oil IFO 380 approximately 1500 tones has been spilled at sea.
5	Acknowledge	5	Acknowledge

**EXERCISE EXERCISE EXERCISE**

**POLREP (exercise BLACK SEA RU BRAVO 1/2011)**

<b>Introductory Part</b>				
Addresses	From :	MRCC Russia	Faxes 7 8617676420; 7 8617619424	E-mails mrcc3@ampnovo.ru
	To:	MRCC Bulgaria	359 52 603 265	mrcc_vn@marad.bg
		MRCC Romania	402 41 601 223; 402 41 606 065; 402 41 616 229;	mrcc@rna.ro
		MRCC Georgia	995 222 73905 995 222 76982	mrcc@maradgeorgia.org
		MSRCC Turkey	90 312 232 08 23; 90 312 231 29 02	trmrcc@denizcilik.gov.tr
		MRCC Ukraine	380487776610 380482634243	mrcc@morcom.org.ua
		Cc: ERAC Varna BSC ESAS	359 52 633563 90 212 227 99 33	erac_temp@abv.bg violeta.velikova@blacksea-commission.org
Date Time Group	20/03/2013 0800 UTC			
Identification	POLREP BLACK SEA RU BRAVO 1/2013			
Serial Number	RU/ BRAVO 2			
<b>URGENT Part II POLINF</b>				
40	Date and time	40	200800 z	
41	Position	41	45-00,0 N 036-37,0 E Black sea Size of the spill: 5 km long and 2 km wide	
42	Characteristics of pollution	42	IFO 380: density = 0,95 g/cmc, viscosity 380 flash point + 60 C	
43	Source and cause of pollution	43	Source: MT "TVER", flag Panama, call sign GNDC, DWT 40700, GRT 12394, LOA 181 m	
44	Wind direction and speed	44	NNW-12 m/sec	
45	Current or tide	45	230° - 0.5 knots	

46	Sea state and visibility	46	Wave height 0,5 m, visibility 5-6 NM.
47	Drift of pollution	47	230°, 0.5 knots
48	Forecast	48	
49	Identity of observer and ships on scene	49	Observer: tug boat «PITER», tug «FAETON». Ship on scene: police border patrol boat.
50	Action taken	50	Russian National Contingency Plan activated together with Novorossiysk Port Response Plan and CPC Terminal Response Plan
51	Photographs or samples	51	Photos and samples taken of the spill
52	Names of other States informed	52	States – parties to the Black Sea Regional Contingency Plan.
53	Spare	53	Black Sea Contingency Plan activated. Lead country – RUSSIA.
54	Spare	54	
60	Acknowledge	60	Acknowledge

### EXERCISE EXERCISE EXERCISE

#### POLREP (exercise BLACK SEA RU BRAVO 1/2013)

Introductory Part				
Addresses	From:	MRCC Russia	Faxes 7 8617676420; 7 8617619424	E-mails mrcc3@ampnovo.ru
	To:	MRCC Bulgaria	359 52 603 265	mrcc_vn@marad.bg
		MRCC Romania	402 41 601 223; 402 41 606 065; 402 41 616 229;	mrcc@rna.ro
		MRCC Georgia	995 222 73905 995 222 76982	mrcc@maradgeorgia.org
		MSRCC Turkey	90 312 232 08 23; 90 312 231 29 02	trmrcc@denizcilik.gov.tr
		MRCC Ukraine	380487776610 380482634243	mrcc@morcom.org.ua
		Cc: ERAC Varna BSC ESAS	359 52 633563 90 212 227 99 33	erac_temp@abv.bg violeta.velikova@blacksea-commission.org
Date Time Group		20.03.2013 08:30 UTC		
Identification		POLREP BLACK SEA RU BRAVO 1/2013		
Serial Number		RU/ BRAVO 3		
<b>URGENT Part III POLFAC</b>				
80	Date and time	80	200830 z	
81	Request for assistance	81	Russia need assistance for equipment: 2 OSR vessels with skimmers suitable for Fuel oil IFO 380	
82	Cost	82	Russia asked to inform about daily rates (for stand-by and in-use) for requested equipments	
83	Pre-arrangements for the delivery of assistance	83	Russia provides customs clearance and free access for the requested equipment to its territorial waters	
84	To where assistance should be rendered and how	84	Support equipment expected at where further instructions shall be given by SOS (ch. 16 and 74).	
85	Names of other States requested	85	No other request	
86	Change of command	86	Not required	

87	Exchange of information	87	
88	Spare	88	
99	Acknowledge	99	Acknowledge

**EXERCISE EXERCISE EXERCISE**

**The message (exercise BLACK SEA RU BRAVO 1/2013 finish)**

Introductory Part				
Addresses	From:	MRCC Russia	Faxes 7 8617676420; 7 8617619424	E-mails mrcc3@ampnovo.ru
	To:	MRCC Bulgaria	359 52 603 265	mrcc_vn@marad.bg
		MRCC Romania	402 41 606 065	mrcc@rna.ro
		MRCC Georgia	995 222 73905	mrcc@mta.gov.ge
		MSRCC Turkey	90 312 232 08 23	trmrcc@denizcilik.gov.tr
		MRCC Ukraine	380487776610	mrcc_ukraine@sar.gov.ua
		BSC ESAS Cc: ERAC Varna	90 212 299 29 44 359 52 633563	secretariat@blacksea-commission.org valeria.abaza@blacksea-commission.org
Date Time Group	20/03/2013 0900 UTC			
Identification	MESSAGE BLACK SEA RU BRAVO 1/2013			
Serial Number	RU/ BRAVO			
THE END OF THE BLACK SEA RU BRAVO 1/2013 EXERCISE				
<p><b>We are very thankful for all participants of the BLACK SEA RU BRAVO 1/2013 taking part in the Exercise.</b></p> <p><b>Hope to receive your comments and remarks or maybe suggestions not later than the April, 20, 2013. The BLACK SEA RU BRAVO 1/2013 report from Russia will be prepared accordingly.</b></p> <p><b>Please confirm.</b></p>				

**EXERCISE EXERCISE EXERCISE**

**4. Summary Table Messages**

TIME (UTC)

**START**

Time		Send		Acknowledgement	
		E-mail	Fax	E-mail	Fax
<b>06.00. UTC</b>					
	<b>MRCC Constanta</b>	<b>06.14</b>	<b>06.32</b>	<b>06.26</b>	<b>06.48</b>
	<b>MSRCC Ankara</b>	<b>06.14</b>	<b>-</b>	<b>07.35</b>	<b>-</b>
	<b>MRCC Varna</b>	<b>06.22</b>	<b>-</b>	<b>06.35</b>	<b>-</b>
	<b>MRCC Batumi</b>	<b>06.14</b>	<b>07.10</b>	<b>06.31</b>	<b>-</b>
	<b>MRCC Odessa</b>	<b>06.14</b>	<b>06.52</b>	<b>06.42</b>	<b>-</b>
	<b>ERAC Varna</b>	<b>06.14</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>BSC</b>	<b>06.19</b>	<b>06.50</b>	<b>08.18</b>	<b>-</b>

**POLWARN (1)**

Time		Send		Acknowledgement	
		E-mail	Fax	E-mail	Fax
<b>07.00. UTC</b>					
	<b>MRCC Constanta</b>	<b>07.10</b>	<b>07.13</b>	<b>07.23</b>	<b>07.49</b>
	<b>MSRCC Ankara</b>	<b>07.10</b>	<b>-</b>	<b>07.33</b>	<b>-</b>
	<b>MRCC Varna</b>	<b>07.10</b>	<b>-</b>	<b>07.18</b>	<b>-</b>
	<b>MRCC Batumi</b>	<b>07.10</b>	<b>07.11</b>	<b>07.22</b>	<b>-</b>
	<b>MRCC Odessa</b>	<b>07.10</b>	<b>07.16</b>	<b>07.44</b>	<b>07.29</b>
	<b>ERAC Varna</b>	<b>07.10</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>BSC</b>	<b>07.10</b>	<b>071.8</b>	<b>08.12</b>	<b>-</b>

**POLINF (2)**

Time		Send		Acknowledgement	
		E-mail	Fax	E-mail	Fax
<b>07.30 UTC</b>					
	<b>MRCC Constanta</b>	<b>07.44</b>	<b>08.02</b>	<b>07.55</b>	<b>08.00</b>
	<b>MSRCC Ankara</b>	<b>07.44</b>	<b>08.07</b>	<b>08.17</b>	<b>-</b>
	<b>MRCC Varna</b>	<b>07.44</b>	<b>08.10</b>	<b>07.52</b>	<b>-</b>
	<b>MRCC Batumi</b>	<b>07.44</b>	<b>07.58</b>	<b>07.49</b>	<b>-</b>
	<b>MRCC Odessa</b>	<b>07.44</b>	<b>07.55</b>	<b>07.49</b>	<b>08.25</b>
	<b>ERAC Varna</b>	<b>07.44</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>BSC</b>	<b>07.44</b>	<b>08.05</b>	<b>08.18</b>	<b>-</b>

**POLFAC (3)**

Time		Send		Acknowledgement	
		E-mail	Fax	E-mail	Fax
<b>08.30 UTC</b>					
	<b>MRCC Constanta</b>	<b>08.40</b>	<b>08.45</b>	<b>09.22</b>	<b>09.24</b>
	<b>MSRCC Ankara</b>	<b>08.40</b>	<b>08.47</b>	<b>08.45</b>	<b>-</b>
	<b>MRCC Varna</b>	<b>08.40</b>	<b>08.43</b>	<b>08.47</b>	<b>-</b>
	<b>MRCC Batumi</b>	<b>08.40</b>	<b>08.52</b>	<b>08.45</b>	<b>-</b>
	<b>MRCC Odessa</b>	<b>08.40</b>	<b>08.49</b>	<b>08.56</b>	<b>09.05</b>
	<b>ERAC Varna</b>	<b>08.40</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>BSC</b>	<b>08.40</b>	<b>08.51</b>	<b>-</b>	<b>-</b>

**END (4)**

Time		Send		Acknowledgement	
		E-mail	Fax	E-mail	Fax
<b>09.32. UTC</b>					
	<b>MRCC Constanta</b>	<b>09.32</b>	<b>09.35</b>	<b>09.43</b>	<b>10.00</b>
	<b>MSRCC Ankara</b>	<b>09.32</b>	<b>09.52</b>	<b>09.47</b>	<b>-</b>
	<b>MRCC Varna</b>	<b>09.32</b>	<b>10.02</b>	<b>09.40</b>	<b>-</b>
	<b>MRCC Batumi</b>	<b>09.32</b>	<b>09.36</b>	<b>09.45</b>	<b>-</b>
	<b>MRCC Odessa</b>	<b>09.32</b>	<b>09.43</b>	<b>09.51</b>	<b>-</b>
	<b>ERAC Varna</b>	<b>09.32</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>BSC</b>	<b>09.32</b>	<b>09.49</b>	<b>-</b>	<b>-</b>

## 5. NOTES

- The main goal of the exercise was to test the agreed procedures and lines of communication (e-mail, fax, telephone) for reporting, requesting and providing assistance, and to get a picture of the current response readiness of the Black Sea Contracting Parties when called to assist, but not all fax confirmation were received from BS countries;
- Only MRCC Constanta confirm all messages by e-mail and fax;
- Send messages to ERAC Varna by Fax- was impossible;
- Fax number ERAC Varna is not correct;

## 6. PROPOSALS

- Most of all confirmation we received only by email, in spite of the fact that we sent Polrep messages to all the Black Sea countries by e-mail and fax. In future it is necessary to decide the issue of using the fax;
- No any proposal regarding 2 OSR vessels with skimmers suitable for Fuel oil IFO 380 needed for assistance with specify daily rates for MRCC Novorossiysk.

## 7. CONCLUSIONS

- Any MRCC from Black Sea countries have to involve all personnel in BRAVO exercises, everybody should become familiar with the rules established in Black Sea Region marine Spill Response Exercise Manual, in order to be well prepared for real incidents;
- In general - BLACK SEA RU BRAVO 1/2013 EXERCISE has passed successfully. The agreed procedures and lines of communications have been tested. All participants expressed their satisfaction with scenario and organization of exercises.

**Head of MRCC Novorossiysk**



**A.Kukhol**