



Document title	BALEX DELTA 2022 – Proposal of the CCME planning team
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Agenda Item	11 - Exercises
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Reference	

Background

Germany is the Exercise Project Lead Country for HELCOM BALEX 2022. This document contains information on the preparations for the exercise by the German Central Command for Maritime Emergencies (CCME).

Action requested

The Meeting is invited to take note of the information and use it as a basis for discussing HELCOM BALEX 2022.

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CENTRAL COMMAND FOR MARITIME EMERGENCIES



BALEX DELTA 2022

Proposal of the CCME planning team
from September 15th, 2021
to the HELCOM RESPONSE working group

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BALEX DELTA 2022

1. Exercise period, exercise area, base port
2. Exercise goals
3. Exercise type
4. Exercise sections
5. Management structure
6. General scenario
7. Single scenarios
8. Briefing events (naval base Hohe Düne)
9. HEDMOT
10. Social Event (naval base Hohe Düne)
11. Next steps, timetable

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1. Exercise period, exercise area, base port

1. Exercise period according to HELCOM specifications: last week of August 2022
 - Suggestion: Tuesday, 23.08. - Thursday, August 25th, 2022
2. Exercise area: Mecklenburg Bay
 - sea-area northeast of Warnemünde
 - coastal area Rostocker Heide
3. Base port: naval base Rostock Hohe Düne
 - approval of the base commander and barracks commander is available
 - use of the port, lecture rooms for briefing events and space to set up a marquee for the social event are possible
 - proximity to the exercise areas (shoreline and sea), short estuary trading

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2. Exercise goals

1. Representation of a realistic, complex accident scenario in the Mecklenburg Bay sea area
2. Testing the availability of suitable national and regional forces and resources under the Helsinki Convention
3. Review the procedures and standards of the
 - evaluated HELCOM Response Manual
 - MARINE HNS RESPONSE MANUALfor their practical suitability and to identify any need for optimization
4. Training of the interaction of the international emergency forces in a complex scenario (operational cooperation)
5. Determination of the operational performance possibilities and limits of the resources
6. Training of national management structures in an international "response operation"
7. Carrying out the exercise with the same seriousness as in a real mission
8. Working out „Lessons Identified“ and „Lessons Learned“

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3. Type of exercise

Exercise type: **Scenario-oriented exercise**

(Scenario Driven Exercise according to „Practical Guide for Response Exercises“ , section 2.7.2)

Reasons:

1. Type of exercise is suitable to
 - try out
 - train
 - demonstratethe ability to master a specific accident scenario
2. Selection of a scenario with a realistic probability of occurrence in the sea area according to the national risk assessment
3. Realistic deployment planning of the available forces and resources, according to their individual capabilities

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4. Three exercise sections (proposal CCME)

1. Oilspill response exercise sea

- a) Oilspill recovery operations by seagoing vessels in strike teams
- b) Oil delivery / lightering operation into a storage tanker (small oil recovery vessels with small loading capacity)
- c) Oilspill recovery exercise in coastal waters

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4. Three exercise sections (proposal CCME)

2. Oilspill recovery exercise in shallow water, on the bank and beaches (SHORELINE Response)
 - a) Oil recovery operations in shallow waters
 - b) Oil recovery operations on the shore

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4. Three exercise sections (proposal CCME)

3. HNS response exercise

- a) Situation assessment through measurements and sampling
- b) Securing damaged dangerous goods units on board of a casualty
- c) Rescue and securing of damaged dangerous goods containers and units floating in the sea
- d) Prepare the casualty for further processing at a place of refuge

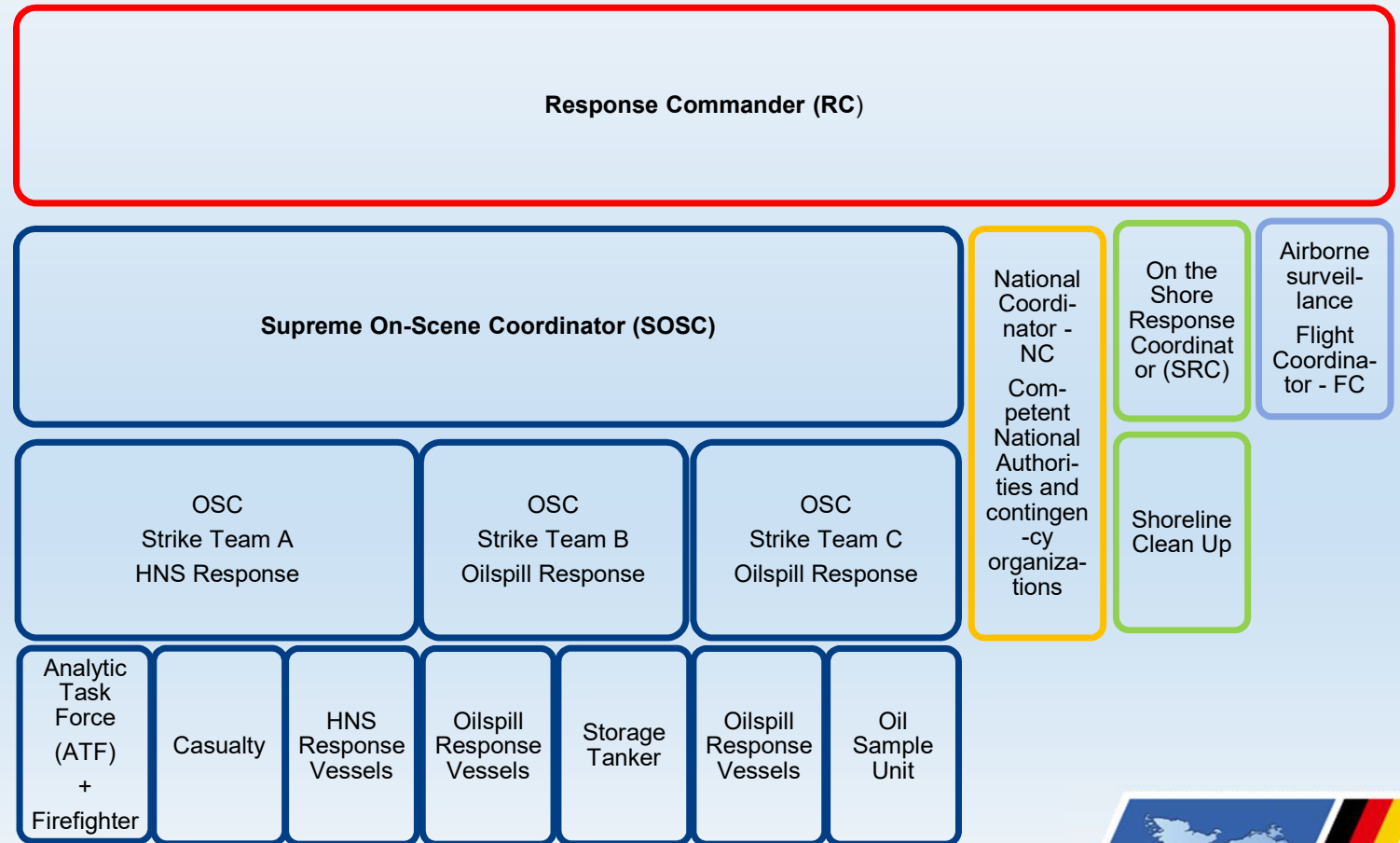
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5. management structure

(acc. HELCOM Response Manual)

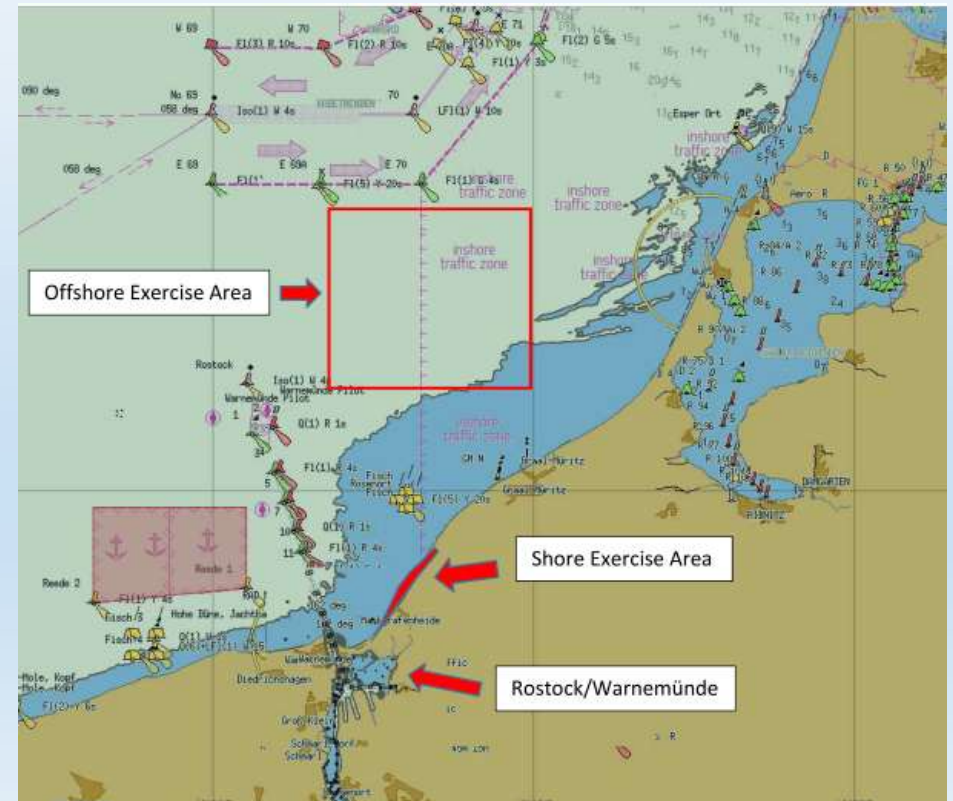
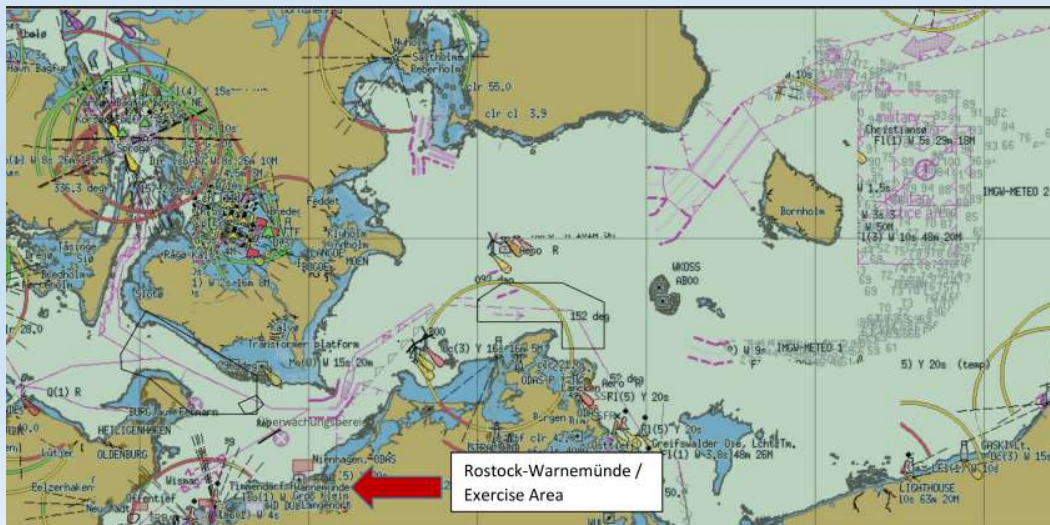


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6. General scenario – exercise area



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6. General scenario

- Collision between a (partly laden) container vessel and a tanker in the southern area of the TSS „South of Gedser“ (Kadet-Rinne). As a result of the collision:
 - Damage to a cargo tank of the tanker with a leak of xx tons of bunker oil (type IFO xyz)
 - Damage to several containers, 2 of which contain dangerous goods (barrels, canisters)
 - There are damaged containers on the deck of the container vessel from which dangerous goods are leaking
- Due to northerly winds, the oilspill drifts towards the coast and reaches the shore

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7. Scenario 1: oilspill response offshore

Creation of the scenario by the planning team



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7. Scenario 2: oilspill response shoreline

Creation of the scenario by the planning team



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7. Scenario 3: HNS Response (offshore)

Creation of the scenario by the planning team

CCME proposal:

- First part of the exercise: Coordination of the deployment tactics and procedures of the German fire brigade forces, the German Analytic Task Force and the international HNS response vessels. Presentation of the respective technical and personal application possibilities and limits. Coordination of communication procedures.
- Second part of the exercise: deployment of the fire brigade forces from aboard the HNS response vessels. Use the procedures in the Marine HNS Response Manual.



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7. Szenario 3: HNS Response (offshore)

Considered fact sheets of the Marine HNS Response Manual:

Fact Sheet No.	Topic
4.5	Response vessels
5.18	First actions (responders)
5.20	Personal protective equipment (PPE)
5.21	Decontamination
5.25	Portable gas detectors for first responders
5.26	Sampling techniques and protocols
5.32	Sealing and plugging

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8. Briefing events

- Naval Base Rostock Hohe Düne
- Use of the lecture hall or a meeting room is possible



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9. Exercise Development and Monitoring Team - HEDMOT

Function	Memberstate	HEDMOT-Member
team-leader	Finland / FI	N.N.
team-member	Latvia / LV	N.N.
team-member	Lithuania / LT	N.N.
team-member, Exercise Project Lead Country	Germany / DE	Roland Müller

- should have a representative in the Core Planning Team / CPT
- should participate in the planning conferences

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10. Social Events – CCME proposals

- Wednesday, August 24th, 2022 „snacks and drinks and talk“
- place: Navy Base „Rostock Hohe Düne“
- Marquee on the base area
- Caterer: Navy oder external? (Clarification with the base commander)
- Cutter rowing competition (Thursday, August 25th, 2022 morning, after the De-briefing)

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11. next steps, timetable (acc. to HELCOM „Practical Guide for Response Exercises“)

event	timeframe	date, <u>proposal</u> CCME
invitation to participate in the planning	3 months before start up meeting (BALEX DELTA – 11 months)	after RESPONSE 29-2021 (September 28-30, 2021)
establishment of Core Planning Team / CPT	before start up meeting	after RESPONSE 29-2021
Start-up meeting	BALEX DELTA – 8 months	December 15, 2021
Exercise Specification document / EXSPEC	before IPC	January 24, 2022
Initial Planning Conference / IPC	BALEX DELTA – 6 months	February 23, 2022
Progress report	2 weeks after IPC	March 09, 2022
invitation to participate in the visitors- and VIP-programs	BALEX DELTA – 5 months	March 23, 2022
Main Planning Conference / MPC	BALEX DELTA – 4 months	April 27, 2022
Progress report	2 weeks after MPC	May 11, 2022
Final Planning Conference / FPC	BALEX DELTA – 2 months	June 21, 2022
sending the finalized exercise documents to participants	directly after FPC	June 24, 2022
BALEX DELTA Exercise	last week in August	August 23-25, 2022