



State Supervision of Mines
*Ministry of Economic Affairs
and Climate Policy*

Offshore Emergency Response in the Netherlands: a practical approach

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Implementation of OSD obligations; Internal ERP

> **OSD**

- > **Article 14: Internal emergency response plan**
- > **Member States shall ensure that operators or owners:**
 - prepare an internal emergency response plan;
 - in accordance with art. 28, taking into account major hazards
 - for well operations, the internal emergency response plan for the installation shall take into account the risk assessment
 - for installations used for carrying out combined operations, the internal emergency response plan shall be amended to cover the combined operations
 - Including Oil spill effectiveness plan

> **Dutch law**

- > **Mining law art. 84d and Labor law art. 3.37v:**

Operators/owners draw up ERP including:

- Fire fighting plan
- Emergency plan for employee
- Oil spill effectiveness plan
- Take in account risk analysis and major hazards
- Also for non producing and mobile installations
- consistent with External Emergency Plans of the authorities

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Implementation of OSD obligations; External ERP

> **OSD**

> **Article 29: External emergency response plan**

> **Member States shall prepare:**

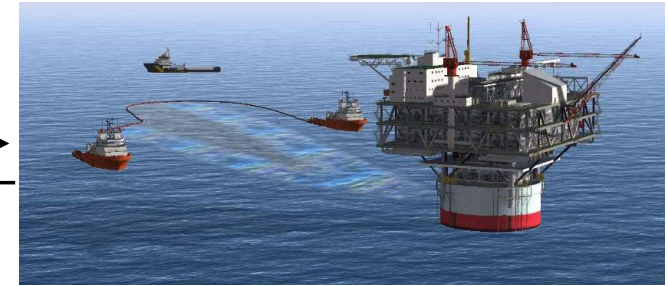
- external emergency response plans covering all offshore oil and gas installations or connected infrastructure
- shall specify the role and financial obligation of licensees and operators in the external emergency response plans
- in cooperation with relevant operators and owners and, as appropriate, licensees and the competent authority
- shall be made available to the Commission, other potentially affected Member States and the public
- shall ensure that competent authorities or, where appropriate, contact points develop cooperation scenarios for emergencies

> **Dutch law**

> **Law maritime incident management:**

Contingency plan for incident management North Sea contains 3 parts

- **Part 0: general parts: description of the plan, aim actors and jobs**
- **Part A: chapter 2: Legal frame work**
- **3: Territory description**
- **4: Actors in incident response**
- **5: Processes in incident response**
- **Part B Chapter 6: All relevant offshore scenario's within chapter 6.9 offshore oil&gas scenario's including marine pollution with oil&gas**
- **Annex 1/9: contains relevant information.**

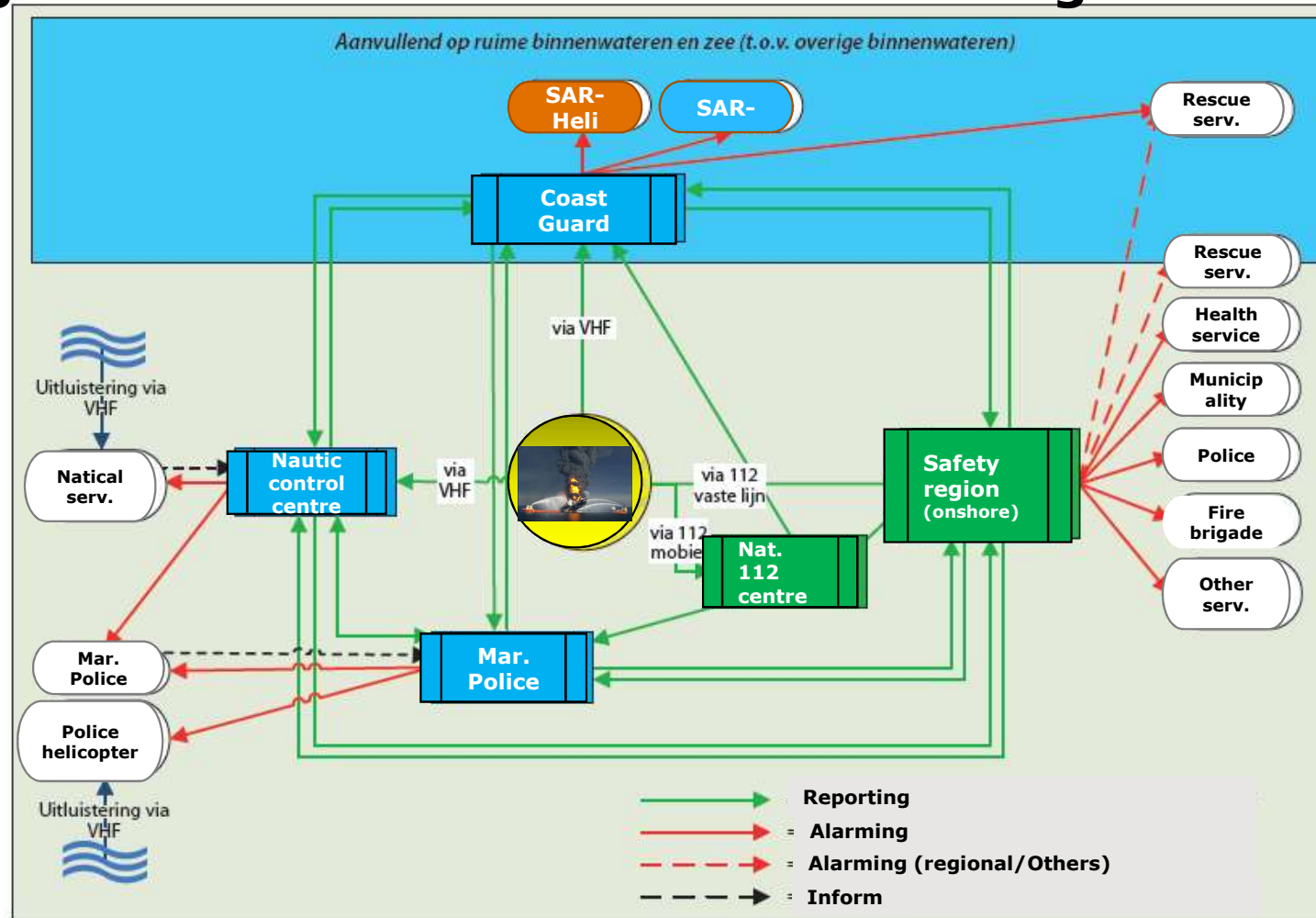


Incident management in the North Sea

- > **Complex structure of incident management in contingency plan for incident management North Sea**
- > **Offshore incidents need to be continued onshore**
- > **Different authorities are involved in the crisis management**
- > **Combating material is partly owned by civil companies**
- > **Operational issues are coordinated by Dutch Coast Guard**
- > **Strategic/policy issues in consultation with all stakeholders**
- > **Different interests of different actors**
- > **Coast Guard in charge of operational response**
- > **Onshore first responders organizations take over when landed onshore**
- > **RACI (responsibility/accountability/**
- > **State Supervision of Mines (SSM) hold oil/gas companies responsible for organization and execution of yearly multi disciplinary exercises.**
- > **Lessons learned are identified and shared with oil/gas sector and governmental (ER) organizations (Coast Guard. Min. of infrastructure etc.)**
- > **Periodic meetings with different stakeholders organized by SSM**
- > **Dutch Oil and Gas Producers association (NOGEPA) is involved in this process**



Organization of Offshore incident management





Exercise 2019: Scrambling of helicopters

> In case emergency with huge amount of evacuees:

- is there enough capacity to evacuate all platform personal
- How to combat the environmental consequences of a blow out (spill)
- What are the limitations in the legislations (i.e. help from Norway with SAR heli's and the limitations or evacuating to a nearby platform etc.)

> Lessons learned:

- > It is needed to look for extra evacuation capacity
- > Optimization of use of offshore helicopters in case of a large offshore calamity.
- > Integrated deployment of potential of offshore helicopters of Coastguard, Military, Police and Civil Offshore Helicopter Operators on the Dutch continental shelf
- > Willingness to identify and agree on clearing (legal) blockades.
- > Willingness to work out an effective system to direct integrated deployment of offshore helicopters onshore
- > Willingness to work out an on scene direction/ coordination of deployed offshore helicopters

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Exercise “Harmony” (onshore installation)

Aim: cooperation between first responders of and the emergency response team of the mining company



First responders in action



Observers room



State supervision

- › **Thematic and systematic inspections; Presence of:**
 - **actual emergency plan (with scenario's)**
 - **competent Emergency Response Organization**
 - **multi annual emergency exercise plan (covering all scenario's)**
- › **Register of exercises and presence of evaluation reports**
- › **Lessons learned are identified and follow up action in place**
- › **Emergency response equipment is identified, available and operational**
- › **Yearly multi disciplinary Emergency response exercises are planned**



Discussion



