

Action Plan for response to marine pollution from oil and gas installations

EUOAG, Brussels, 1 April 2014

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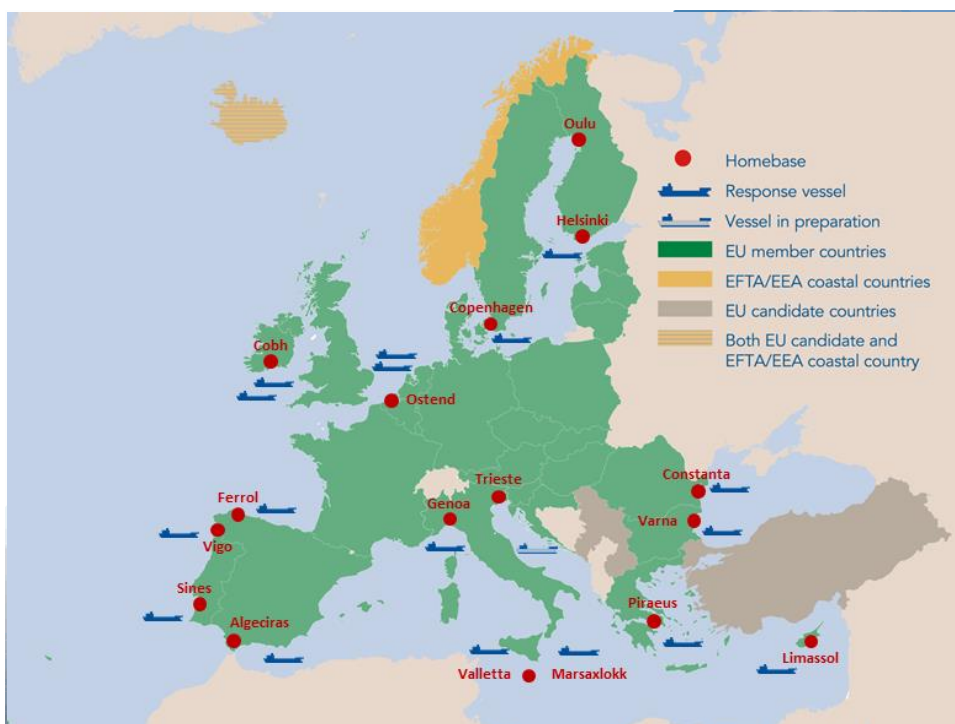


Leendert Bal
Head of Department
Operations

Regulatory Agency of the European Union

- 10 years in existence
- Own legal identity
- Technical and operational support
- ~240 staff,
24 nationalities
- ~80 staff in Operations
Department
- Annual overall budget:
~53 million Euros
- HQ Lisbon, Portugal





EMSA EUROPEAN MARITIME SAFETY AGENCY
QUALITY SHIPPING, SAFER SEAS, CLEANER OCEANS

MEDITERRANEAN NETWORK OF STAND-BY OIL SPILL RESPONSE VESSELS - INFO SHEET

CORE/RESPONSE: Tankship Management
CONTRACTED VESSELS: Balluta Bay
AREA OF ECONOMIC OPERATION: Valletta port and neighbouring areas, Malta
STOCKPILE LOCATION: Valletta, Malta
NUMBER OF VESSELS TO BE MOBILISED: 1
MOBILISATION TIME: Within 12 hours

ABOUT THE SERVICE: Tankship Management was originally set up in 1985 to manage and operate tanker vessels. The company is a subsidiary of Virtu Holding Ltd., a group which operates passenger transport, bunkering, ship repairing, fuelling and shipping in general. The consortium has facilities in Malta for a 25,000 tonne land-based oil storage facility and a 130 m floating dry dock with ancillary workshops for steel and machinery works.

EQUIPMENT STOCKPILE:
Sweeping arms
Two Kiosco rigid sweeping arms (12 m) with weir skimmer
Boom
Markline single point inflation boom, 1x300 m (Eibosoon X-1900)
Skimmer
Osprey weir skimmer (Tarentula)
Slick detection
Senders of slick detection system
Additional equipment
Oil water separator, Oil-in-water monitor, Gas detector, Mini Lab, Flashpoint tester, Portable cleaning machine

The arrangement is based on the oil tanker Balluta Bay operating in Valletta port and the neighbouring areas.

ABOUT THE VESSEL - Balluta Bay
IMO Number: 8013091
Flag State: Malta
Port of Registry: Valletta
Type: Oil Tanker
Built: 1981
Length: 24.12 m
Breadth: 13.10 m
Max. Draft: 5.52 m
DWT: 3027 Ton
Gross Tonnage: 1476 Ton
Storage capacity: 2000 m³
Heating capacity: 2200 kW
Pumping capacity: 1260 m³/h
Flash Point: -60°C
Propeller: Controllable Pitch Propeller
Bow Thruster: Yes
Max. speed: 12 knots
Classification Society: Lloyd's Register

FOR MORE INFORMATION: www.emsa.europa.eu

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MEDITERRANEAN NETWORK OF STAND-BY OIL SPILL RESPONSE VESSELS - INFO SHEET

CORE/RESPONSE: St. Ship Management/Falcon Group Holdings
CONTRACTED VESSELS: Santa Maria
AREA OF ECONOMIC OPERATION: Valletta and Marsaxlokk, Malta
STOCKPILE LOCATION: Marsaxlokk, Malta
NUMBER OF VESSELS TO BE MOBILISED: 1
MOBILISATION TIME: Within 24 hours

ABOUT THE SERVICE: Falcon Group was the first entity in Malta to be given a bunker operators licence by the Maltese authorities. The company is today a reputable bunker trader and supplier on the Maltese Islands. The marine industry serviced by the Falcon Group comprises not only locally-owned and operated vessels, but also vessels and seacraft visiting the islands for commercial and leisure purposes.

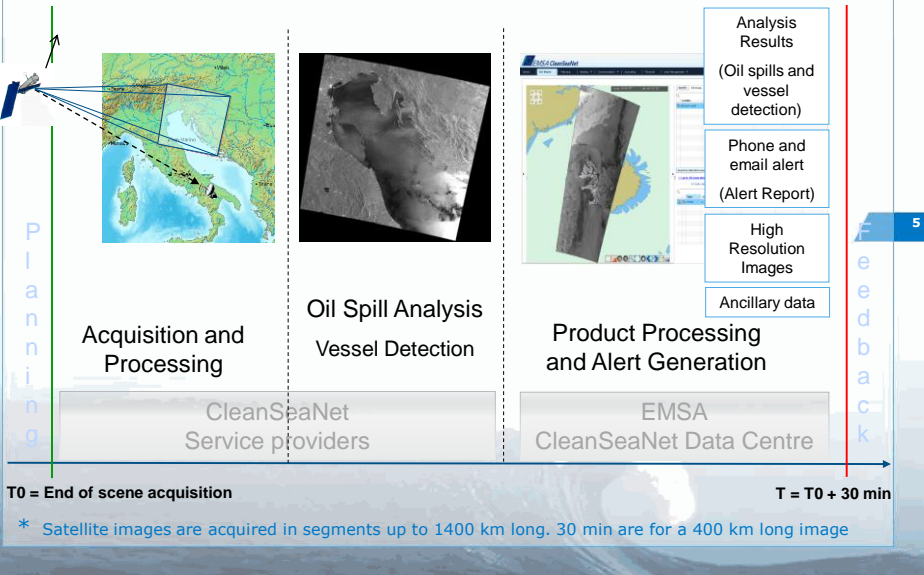
EQUIPMENT STOCKPILE:
Sweeping arms
Two Kiosco rigid sweeping arms (15 m) with weir skimmer
Boom
Desert heavy duty boom, 2x250 m (Ro-Boom 2000)
Skimmer
Norel weir/brush high-capacity multiskimmer (Norel 2007)
Slick detection
Senders of slick detection system
Additional equipment
Oil water separator, Oil-in-water monitor, Gas detector, Mini Lab, Flashpoint tester, Portable cleaning machine

The vessel Santa Maria provides bunkering services, with an equipment stockpile located in Valletta.

ABOUT THE VESSEL - Santa Maria
IMO Number: 7423732
Flag State: Malta
Port of Registry: Valletta
Type: Oil Tanker
Built: 1977
Length: 35.10 m
Breadth: 14.05 m
Draft: 6.82 m
Gross Tonnage: 2813 Ton
Storage capacity: 2421 m³
Heating capacity: 3630 kW
Pumping capacity: 1780 m³/h
Flash Point: <60°
Propeller: Controllable Pitch Propeller
Bow Thruster: Yes
Max. speed: 14 knots
Classification Society: Lloyd's Register

FOR MORE INFORMATION: www.emsa.europa.eu

CleanSeaNet : Near Real Time service – 30 min*

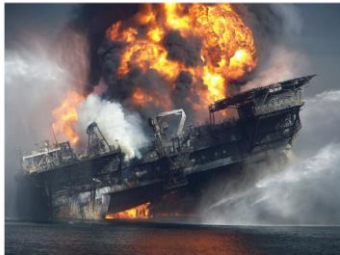


National Dispersant Use Policies in Europe

Member State*	Dispersant Use				
	First response option	Secondary response option	Last response option	Not allowed	Included in NCP**
Belgium		•			•
Bulgaria			•		•
Croatia	•				•
Cyprus	•				•
Denmark			•		•
Estonia			•		•
Finland			•		•
France	•				•
Germany			•		•
Greece	•				•
Iceland		•			•
Ireland	•				•
Italy			•		•
Latvia			•		•
Lithuania			•		•
Malta	•				•
Netherlands	•				•
Norway	•				•
Poland			•		•
Portugal	•				•
Romania			•		•
Slovenia				•	•
Spain			•		•
Sweden			•		•
UK	•				•

European Maritime Safety Agency Action Plan for Response to Marine Pollution from Oil and Gas Installations

EMSA European Maritime Safety Agency



ACTION PLAN FOR RESPONSE TO MARINE POLLUTION FROM OIL AND GAS INSTALLATIONS

-DRAFT-

29 August 2013

Action Plan is response to:

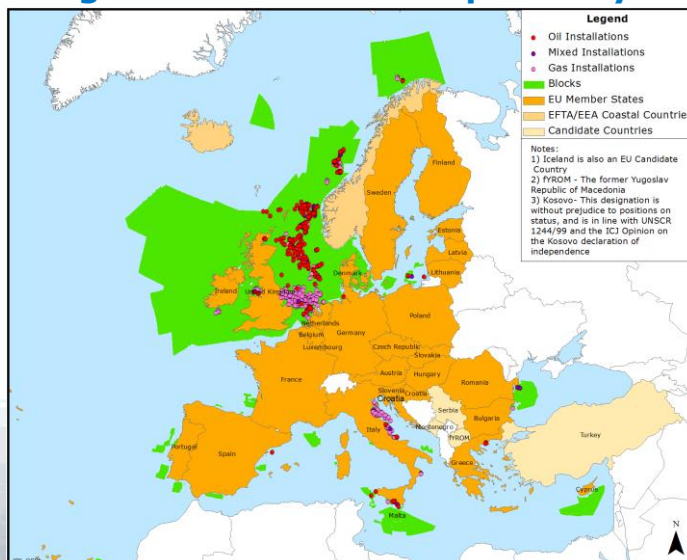
➤ February 2013: EMSA's Founding Regulation (100/2013/EU) was amended and includes new tasks:

- Response to marine pollution caused by offshore oil and gas installations
- Monitoring of the extent and impact of such pollution

Approved by the Administrative Board in November 2013

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Oil and gas installations & exploratory blocks



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Principles

- Confirmation of “top-up philosophy”: “additional means” under command and control of affected Member State;
- EMSA offers tool box, Member States/Commission decide if and what kind of support they want to receive;
- Amongst other measures, the Action Plan introduces dispersants as an operational response tool to combat pollution

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Action Plan

Operational assistance

In line with ‘top-up’ mandate and the need for cost efficiency:

- *Adaptation of the Network of Stand-by Oil Spill Response Vessels*
- *Adaptation of the monitoring & evaluation tools (CleanSeaNet)*
- ***Limited provision of dispersants and application systems to interested Member States***
- *Provision of specialised equipment, budget permitting*

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Adaptation of the Network of Stand-by Oil Spill Response Vessels (phasing-in)

- Technical adaptation: flashpoint below 60C (for new tenders)
- Contractual adaptation: longer periods of operation (for new tenders and contract renewals), possibility to operate for ENP-countries
- Geographic adaptation: spread over Europe based on tanker routes and location of oil installations, in particular exploratory operations (for new tenders). Preferred option will remain mechanical recovery of oil: represents substantial investment by the Agency

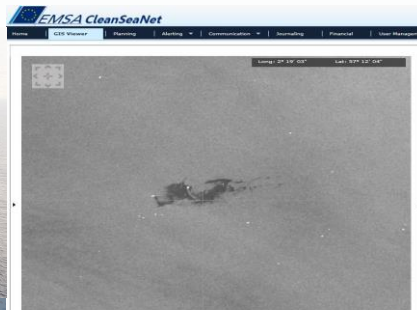
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Adaptation of the monitoring & evaluation tools (CleanSeaNet)

- No extra satellite images for EU Member States: reallocation of images if requested by Member States; opportunity for ENP-countries to have access as well to CleanSeaNet-type services
- More information on geographical location of oil and gas installations
- Information should also be made accessible to authorities in charge of oil and gas installations

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Provision of dispersants and application systems

- In certain cases (large well blow-outs) it is the only response option. Mechanical recovery tools only make toolbox incomplete.
- 2-3 portable vessel dispersant spraying arrangements, to be located in interested Member States as part of oil recovery vessel set-up
- First idea is to equip EMSA's oil recovery vessels based in Cyprus and Malta, taking into account their exploratory activities. Political agreement reached, technical feasibility ongoing.
- To be operational end 2014

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Provision of dispersants and application systems

- 1-2 aerial dispersant spraying service(s), to be chartered upon request by an affected state for any location in the European Union
- Next step is to tender for dispersant spraying equipment and services
- Due to length of tender process, manufacturing time of equipment and certification, expected to be operational early 2015

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Directive 2013/30/EU, Article 10: EMSA shall assist:

- ... detect and monitor extent of oil or gas spill
- ... (upon request of Member States) with the preparation and execution of emergency response plans
- ... develop catalogue of emergency equipment and services available

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May assist:

- The Commission in assessing emergency plans of Member States
- Review exercises ... test of cross-border and Union emergency mechanisms

Conclusions

- EMSA implements Action Plan: including new operational tasks in 2014-2015: vessel and aerial dispersant spraying services, based on the amended Founding Regulation of 2013
- No requests of the Commission received to support Directive 2013/30/EU (for EMSA Work Programmes 2014 and 2015)
- Catalogue of emergency equipment and services should be available using CECIS tool (DG ECHO –civil protection)
- The EMSA tools are “tier 3” tools for Member States and as such could be part of emergency response plans of Member States

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