EMSA/CPNEG/1/2019 Stand-by Oil Spill Recovery Vessels Information Meeting

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Rome/ 16 April 2019





Tuesday, 16 April 2019, 10.15 – 12.00

Time	Agenda Item	Speaker
10:15 – 10:25	Registration	-
10:25 – 10:30	Welcome by Hosts	Hosts
10:30 – 11.00	Introduction to EMSA's at sea oil spill recovery services The European Maritime Safety Agency Framework of the oil spill response vessels service Current configuration of the network Technical challenges & solutions	EMSA
11:00 - 11:10	Questions and Answers Open Session for participants 	All
11:10 – 11:40	Scope of procurement: Geographical areas Contract structure How to Apply Requirements Evaluation criteria Timetable	EMSA
11:40 – 12:00	Questions and Answers Open Session for participants 	All
12:00	Closing of the meeting	Hosts



Introduction to EMSA's At-sea Oil Recovery Service

Background

Establishment and tasks

- Post Erika (2002: EMSA established)
- Post Prestige (2004: new task Marine Pollution Preparedness & Response)

Decentralised Agency of the European Union

- Own legal identity
- No legislative role
- Technical and operational support
- 200+ employees
- Approx. 80 MEUR annual budget (2018)

Legal basis

Regulation 1406/2002 as amended (2013 – a new task related to offshore installations' spills)



/ EMSA

Fields of competence





Maritime safety

Prevention of pollution caused by ships





Maritime security



EMSA's objectives

Response to pollution caused by ships





Response to pollution caused by oil and gas installations

EMSA's Pollution Response Services

- Network of Stand-by Oil Spill Response Vessels – mechanical recovery and dispersant spraying capabilities
- Equipment Assistance Service (EAS) equipment to be used by vessels of opportunity
- CleanSeaNet and RPAS
- HNS Operational Support: MAR-ICE Network
- Experts: On-site/Office-based







- "Top-up" Member States pollution response capabilities
- "European Tier" of resources
- Mobilisation by EMSA at request of MS/EFTA/CC/Third country sharing a regional basin or Commission (or Responsible Party under certain conditions)
- Channelled through "EU Community Mechanism"
- Emergency Response Coordination Centre (ERCC) managed by DG ECHO
- Under "operational control" of the affected coastal State

Main Objective: Stand-by At-sea Oil Recovery Service

Contractor must ensure that:

- Vessel undertakes normal commercial activities; and
- At request, the vessel is transformed & mobilised at short notice for at-sea oil recovery services



Simplified mobilisation procedure



Type of Vessels

EMSA



Tankers



Offshore supply vessels



Type of Equipment









Sweeping arms





Combined systems





- Large storage capacity (EMSA largest is 7,458 m³)
- Prepared to deal with oil (heating, filling, discharging)
- Flexibility for decanting
- Flashpoint
- Unrestricted sea-going service



Tankers - Disadvantages

- Space on deck
- Low speed
- Manoeuvrability
- Crew number
- Accommodation





Offshore Supply Vessels - Advantages

- Deck Space
- Equipment Deployment
- Less pre-fitting for installing equipment
- Manoeuvrability and Low Speed
- Visibility
- Accommodation for EMSA and liaison officer



/ EMSA

- Storage capacity limited to 1,000 1,500m3
- Bad weather swell washes the aft with oil (slippery)
- Good weather dirty equipment oil spreads quickly
- Flashpoint
- Significant pre-fitting (e.g. piping and heating)



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Setting-up the Service



Preparatory Phase

- Purchase/transfer/servicing of oil spill response equipment
- Pre-fitting the vessel for equipment installation
- Crew Training

Stand-by Phase

- Vessel available and ready to respond within mobilisation time (max. 24h.)
- Equipment maintenance
- Drills and Exercises

Preparatory Phase: Challenges

- Pre-fitting, conversion works
- Purchase/transfer/servicing and installation of OPR equipment
- Mobilisation Plan, Operational Procedures
- Crew Training
- Certification by Classification Society (Class Notation as "Occasional oil recovery vessel60°C")
- Acceptance Test









Quarterly drills: 4 times a year

Scope:

- To verify the level of readiness of vessels, crew and OSR equipment
- To train crew in oil pollution response: equipment operation with other units at sea



Stand-by Phase: Exercises

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Type:

- Notification only
- Operational (max. 10 days/year)

Scope:

- Integration of EMSA vessels in EU Member States Command and Control Structures
- Co-operation with participating Units
- Internal and External level of Coordination





Scope of procurement

Areas of operation



Lot		Area of operation			
1. Adriatic Sea		Adriatic Sea as defined by the International Hydrographical Organisation			
2. West Mediter	2. West Mediterranean Sea Covering the European Mediterranean coastline from Algeciras (Spato Marseille (France) and including the Balearic Islands				•
3. Central Medi	terranean Sea	1. A 2. B	39°00'N 35°00'N 35°00'N	the following po 11°30'E 11°30'E 18°00'E 18°00'E	pints:





However, if needed and technically appropriate, they will assist elsewhere as well. Given logistical and technical considerations, these other areas would probably be adjacent.

Within the agreed mobilisation time (max.24 hours) the EMSA contracted vessel(s) must fulfil the following conditions:

- be inside the area of operation, and
- be able to send a "Notice of readiness" to the Requesting Party meaning equipped with the pollution response equipment, providing the contracted storage capacity and with the necessary crew for performing oil recovery services.

In addition, the EMSA oil pollution response equipment must be stored, maintained and insured either on board the vessel(s) or in a stockpile located on the coastline of an EU Member State.

Min. requirements regarding the arrangement and the vessel (Phase II)



- Vessel should not be engaged with to provide pollution response services at the time of award;
- An authorisation from the shipowner/charterer for the use of the vessel for the purpose of the EMSA services during the contract duration must be provided;
- The minimum vessel net storage capacity for recovered oil must be:
 - Lot 1 Adriatic Sea: 1,000 m³
 - Lot 2 West Mediterranean Sea: 1,500 m³
 - Lot 3 Central Mediterranean Sea: 1,500 m³
- Vessel(s) must be available for mobilisation at short notice;
- Vessel(s) should be self-propelled;
- Vessel(s) should not be subject to the single hull phase-out requirements;
- Vessel(s) should be registered on either an EU Member State or a contracting party to European Free Trade Area (EFTA) or a non-EU white listed register as defined by the Paris MoU;
- Vessel(s) must be classified by an EU recognised organization;
- Vessel(s) for Lot 2 (West Mediterranean Sea) must be classed for unrestricted sea-going service and have all the certificates required for international voyages without any limitation. Vessel(s) for Lot 1 (Adriatic Sea) and Lot 3 (Central Mediterranean Sea) must be classed for, at least, international voyages in the Mediterranean and Black Sea;
- Vessel(s) for Lot 1 (Adriatic Sea) and Lot 3 (Central Mediterranean Sea) must be certified to recover, store onboard, transport and unload products with a flashpoint below 60°C.
- In case the vessel is not built it must be under construction by 15th September 2019 and finalised before the end of the Preparation Phase;
- Vessel's should have a valid Safety Management Certificate (SMC);
- The contact person of the company/consortium and the responsible crew on the vessel(s) must have a good command of the English language.

Equipment solution: Lot 1 – Adriatic Sea

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Set of equipment transferred



- 1. KOSEQ Rigid Sweeping Arms (2 x 15 m)*
- 2. VIKOMA Booms Hi-sprint 2000 (2 x 250m)*
- 3. High-capacity Skimmer Lamor LWS 1300 (LUT 90)
- 4. Slick Detection System MIROS
- 5. Cleaning equipment (hi-pressure cleaning machines)
- Sampling/testing and communication equipment (minilab, flash point tester, gas detector, interface detector, VHFs)*

Purchase



- 1. Flashpoint of the arrangement
- Dispersant application system, tank container(s) and loading system
- 3. Upgrade slick detection system
- 4. Equipment logo







* The transferred equipment will need to be serviced

Equipment solution: Lot 2 – West Med

EMSA

Set of equipment transferred

- 1. LAMOR Stiff Sweeping Arm system LSS 12*
- 2. NORLENSE NO-800-R oil boom*
- 3. High-capacity Skimmer Normar 250 TI*
- 4. 2 x ODME (PPM Reader) Hydrosense 2410
- 5. Sampling / testing equipment including (sampling mini-lab, gas detector, flash point tester)*
- 6. VHFs
- 7. Portable cleaning machines

Purchase



- 1. Oil slick detection system
- 2. Flow meter
- 3. Interface Detection System
- 4. Equipment logo



* The transferred equipment will need to be serviced

Equipment solution: Lot 3 – Central Med

EMSA

Set of equipment transferred



- 1. Koseq Rigid Sweeping Arms*
- 2. Lamor High capacity skimmer
- 3. Dispersant application system (Jason spraying system, tank containers, loading system)*
- 4. Discharging equipment*
- 5. Sampling/testing equipment (minilab, flash point tester, gas detector, interface detector)*
- 6. Communications and safety equipment
- 7. Cleaning equipment
- 8. Flow-meter
- 9. Boom system (boom fabric, compressor and hoses to be replaced, reels to be serviced)
- + Dispersants in IBCs (183 tons)





* The transferred equipment will need to be serviced

Purchase



- 1. Flashpoint of the arrangement
- 2. Adjustments to power pack
- 3. Oil slick detection system
- 4. Equipment logo





Contract structure

Dual Contract Structure









Vessel Availability Contract (VAC)

Between EMSA and the Contractor

4 Years + Renewable once = Maximum 8 years total

It secures:

- **Requirements** for vessel(s), equipment and crew
- Stand-by / availability
- Drills and **participation** in exercises
- Mobilisation time
- **Mandatory** use of the Incident Response Contract







Vessel

Incident Response Contract (IRC)







Pre-fixed contract with pre-set conditions & tariffs:

- Between the requesting coastal State and contractor
- Avoid unnecessary high tariffs vs. vessel of opportunity
- 1 Model Contract for 25+ different legal systems

Clear allocation of responsibilities during operation

- Under operational command of the MS (SOSC)
- National officer on board
- Safety responsibility: Master (final)

Period

30 days: "window of opportunity"/economic commitments of operator

Renewal possible under same conditions

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Preparatory Phase - Pre-financing available from EMSA

- 1) Oil Spill Response Equipment
 - Purchasing Pre-financing up to 100%
- 2) <u>Pre-fitting Vessel</u> (e.g. for equipment installation)
 - Pre-financing up to 80%
 - Remaining 20% paid when vessel is accepted by EMSA

Stand-by phase

3) Vessel Availability Fee (covers drills; crew training; storage, maintenance and insurance of equipment)

Additional Payments

- 4) At-sea Exercises: Daily rate + Fuel
- Pollution Response Incident by Member State: Daily rates (operational and stand-by) + Fuel + Cleaning

.



	Lot	Maximum Availability Fee (initial Stand-by period)	Maximum Equipment Price	Maximum Pre-fitting Price	Maximum overall budget
1.	Adriatic Sea	€2,500,000	€350,000	€600,000	€3,450,000
2.	West Mediterranean Sea	€2,400,000	€190,000	€500,000	€3,090,000
3.	Central Mediterranean Sea	€2,500,000	€440,000	€600,000	€3,540,000



How to apply




- 1. Procurement Procedure
- 2. Procurement Timetable
- 3. Submitting "Request to participate"





2 Phase Approach:

Phase I - "Request to participate"

Phase II – (Restricted) "Invitation to Tender"



Publication of Request to participate in the OJEU on 5 April (Open to any Interested Party)



Submission of Request: Deadline 2 May



Evaluation of requests as per Enclosure R.1: Criteria



Determination of Pre-Selected Candidates





Award of Contracts

Provisional Timetable Request Phase



PROCUREMENT PHASE 1: Request to participate			
" Contract Notice " publication in OJEU	Documents available on www.emsa.europa.eu	5 April	
"Request" Preparation	Interested Parties prepare "light" documentation	April	
Information Meeting	Procurement Procedure and Technical Elements	16 April	
"Request" Deadline	"Light" documentation submission	2 May	
"Request" Evaluation	Identification of "Pre-selected Candidates" by EMSA	May - June	

Procurement documents



www.emsa.europa.eu

"Working with us" -> Procurement -> "Calls for Tenders"



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Jobs - rest of positions

Procurement documents

EMSA

ROCUREMENT MENU Procurement Main Page Ongoing calls for tender Tender Archives Period 2011 - Today Period 2006-2010 Awarded contracts	EMSA/CPNEG/ Published Deadline Service Contract	1/2019 05.04.20 02.05.20			
Dngoing calls for tender Tender Archives Period 2011 - Today Period 2006-2010	Deadline				
Tender Archives Period 2011 - Today Period 2006-2010		02.05.20			
Period 2011 - Today Period 2006-2010	Service Contrac)19		
Period 2006-2010		ts for Stand-by (Dil Spill Recovery Vessels		
Awarded contracts					
	The Agency provides additional response capacity to that of the pollution response mechanisms of EU Member States through contractual arrangements with private or public companies/consortia. Such companies/consortia can be drawn from any relevant industry including shipowners/operators and the spill response service providers.				
OCUMENTS FOR TENDERER	The contracted vessels would undertake normal commercial activities and, at request, be transformed and				
Financial Identification Form Legal Entity Form	mobilised at short notice for at-sea oil recovery services during an (major) oil spill.				
Declaration on Honour	This procurement procedure for stand-by oil spill recovery vessels will cover the following areas:				
Statement of	Adriatic Sea West Mediterranean Sea				
Ibcontracting / Joint Offer General Conditions for	West Mediterranean Sea Central Mediterranean Sea				
Irchase Order	More details about this procurement procedure can be found in documents that can be downloaded in the				
Low-value procurement ocedure Tendering Conditions	zip file below.				
pplicable only if Invitation to ender refers to them)	The relevant Contract Notice for this procedure (reference 2019/S 068-158394) as published in the Official Journal of the European Union can be found in the following link:				
	https://ted.europa.eu/TED/notice/udl?uri=TED:NOTICE:158394-2019:TEXT:EN:HTML				MI
IPORTANT INFORMATION	incips.//teu.euro		e/udi:dii=120.001162.136354-20	19.1LX1.LN.III	
			to any interested party to attend,		
Guidelines for Tenderers. aad before submitting your ds. Remedies			s not needed. Nevertheless, it woul 019@emsa.europa.eu) indicating tl		
	Date	Local Time	Location	Agenda	Presentations
ROCUREMENT NEWSLETTER			"Sala Europa", 7 th floor		
you are interested in	Tuesday		Ministero dell'Ambiente e della Tuteladel Territorio		to be published
ceiving information about Ils for tenders launched by ISA, please fill the form:	16 April 2019	10.15-12.00	e del Mare Via Cristoforo Colombo, n. 44 00147 - Roma (Italia)	<u>download</u>	after the meeting
Name or Company			over, - Round (Round)		
E-mail			•		
SUBSCRIBE	EMSACPN	EG12019.zip			

Zip file documents





- 🗙 🔁 CPNEG12019 Encl R.1 Request Specifications.pdf
 - CPNEG12019 Encl R.2 Checklist.pdf
 - CPNEG12019 Encl R.3 Statement of Subcontracting_Joint Offer.docx
 - 🔁 Invitation to submit a Request to participate (Phase I).pdf

CPNEG12019 Encl T.1 Tender Specifications.pdf
CPNEG12019 Encl T.2 VAC.pdf
🔁 CPNEG12019 Encl T.2 Annex III IRC-V-Requesting State.pdf
🔁 CPNEG12019 Encl T.2 Annex IV Tec Specs Vessel.pdf
🔁 CPNEG12019 Encl T.2 Annex IX Pre-financing Guarantee Template.pdf
🔁 CPNEG12019 Encl T.2 Annex V Tec Specs Equipment Dispersants lot 1.pdf
🔁 CPNEG12019 Encl T.2 Annex V Tec Specs Equipment Dispersants lot 3.pdf
🔁 CPNEG12019 Encl T.2 Annex V Tec Specs Equipment lot 2.pdf
CPNEG12019 Encl T.2 Annex VI Appendix Quality Assurance Dispersant.pdf
🔁 CPNEG12019 Encl T.2 Annex VI Mobilisation Procedures.pdf
T CPNEG12019 Encl T.2 Annex VII Tec Specs for the Crew.pdf
🔁 CPNEG12019 Encl T.2 Annex VIII Guidelines.pdf
🔁 CPNEG12019 Encl T.2 Annex X Bank details.pdf
🔁 CPNEG12019 Encl T.2 Annex XI Agreement mobilisation dispersants.pdf
🔁 CPNEG12019 Encl T.2 Annex XII IRC V private entities.pdf
CPNEG12019 Encl T.3 Pre-financing guidelines.pdf
CPNEG12019 Encl T.4 Bid Template - lot 1.doc
CPNEG12019 Encl T.4 Bid Template - lot 2.doc
CPNEG12019 Encl T.4 Bid Template - lot 3.doc
CPNEG12019 Encl T.4_Appendix.xls



Request to participate (RtP)

Invitation letter:

- Deadline for submission: 2 May 2019
- Two sealed envelopes (one inside the other)
- Submission of 1 original paper copy of the request+ electronic copy on USB memory stick or CD
- Justification for non-inclusion of requested documentation
- Requests can be in any official language of the EU (preferably in English)
- Point 11.5: General Description of Proposed Arrangement: must include copy in English
- Separation of documentation into <u>Parts A E (as per the Checklist</u>)

Enclosures:

- 1: R.1 Request Specifications: main requirements;
- 2: R.2 Check-List: review it before sending the Request to participate;
- 3: R.3 Template for "Statement of Subcontracting/Joint Offer".



a) Exclusion Criteria – Satisfactory / Non-satisfactory

b) Selection Criteria - Satisfactory / Non-satisfactory

NON-COMPLIANCE WITH 1 EXCLUSION OR SELECTION CRITERION – GROUND FOR NON - ADMISSION

a) Exclusion criteria (point 11.2 of Request Specifications)



> Declaration on Honour duly filled and signed

Note: Additional evidences to be provided during Phase II (point 11.6 of Request Specifications)

b) Selection criteria (point 11.3 of Request Specifications)

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Economic and Financial Capacity



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Balance sheets for the last
 3 years

FOR PRIVATE ENTITY: Statement of overall turnover and profit and loss account for the last 3 financial years

FOR PUBLIC ENTITY: annual budget of the last year

b) Selection criteria (point 11.4 of Request Specifications)

Technical and professional capacity of the Company/Consortium Document of Compliance (DoC) for International Safety Management (ISM) Code including the related latest external audit report Grouping: at least 1 member must have a valid DOC

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Overview of company/consortium Port State Control record (PSC inspections and detentions) or annual Flag Surveys for last 3 years – 3 detentions will be ground for exclusion

Where applicable, additional list of relevant services for last 5 years Grouping: criteria evaluated as a group, not individually



Evaluation Result

Request meeting exclusion and selection criteria?

Yes → "Pre-selected Candidate" → Invitation to Tender (expected end of June)

No → "End of Participation"

Checklist





ENCLOSURE R.2 - CANDIDATE'S CHECKLIST

Procurement procedure: EMSA/CPNEG/1/2019

Title: Service Contracts for Stand-by Oil Spill Recovery Vessel(s)

Phase I - Request to participate

In order to submit an offer in this Procurement Procedure the tenderer has to complete and submit all documents listed below:

Document	Check
Request submitted by 2 May 2019 at the latest	
Ref. EMSA documentation: Invitation to submit a Request to participate, point 2	
Electronic copy (PDF) of the request included in the envelope in a CD or USB key	
Ref. EMSA documentation: Invitation to submit a Request to participate, point 3	-
Request inserted in 2 envelopes, one inside the other. Both envelopes must be sealed.	
If self-sealed envelopes are used, each envelope must be closed by an adhesive tape with sender's signature across	
Ref. EMSA documentation: Invitation to submit a Request to participate, point 4	
Both envelopes labelled according requirements	
Ref. EMSA documentation: Invitation to submit a Request to participate, point 4	
Request must include a copy in English of the documents/information requested under point 10.5 General description of the proposed arrangement.	_
Ref. EMSA documentation: Request Specifications, point 9	-
Request structured in line with EMSA requirements – Parts A, B, C, D and E	
Ref. EMSA documentation: Request Specifications, point 9	-
PARTA	
1. Signed cover letter clearly indicating:	
For individual company:	
- the company applying	
- the person heading the project	_
For subcontractors and groupings:	
 the subcontractors and companies forming the grouping (including roles, qualifications and experience of each company) 	
- the company and person heading the project	



Document	Check
(Ref. EMSA documentation: Request Specifications, point 9)	
PART A	
2. Statement of Subcontracting/Joint Offer (template - Enclosure R.3 to the Request to participate)	
In case of Joint Offer or Subcontracting, please fill the form	
Ref. EMSA documentation: Request Specifications, points 8, 10 and 9	
PARTA	
3. Original of the authorising document	
For individual company:	
Original of the document authorising the person heading the project to submit an offer and, in case of award, to sign the contract on behalf of the company	
For groupings:	
Original of the document authorising the company and person heading the project to submit an offer and, in case of award, to sign the contract on behalf of the grouping	
Ref. EMSA documentation: Request Specifications, point 9	
PARTA	
4. Legal Entity Form	
(this document is available on the Procurement Section (Legal Entity Form) of EMSA's website www.emsa.europa.eu)	
Candidates are exempt from submitting the Legal Entity Form requested and attachments if such a form has already been completed and sent either to EMSA or any EU Institution previously unless changes have occurred in the meantime.	
In case of grouping, each company must submit this document	
Ref. EMSA documentation: Request Specifications, points 9 and 11.1	
Supporting documents:	
 copies of company VAT number registration certificates and, if applicable; 	
- a copy of an Official Document (Official Gazette, Company Register, etc.).	
PARTA	
5. Financial Identification Form	
(this document is available on the Procurement Section (Financial Identification Form) of EMSA's website www.emsa.europa.eu)	
For the Company leading and submitting the Request only. This document must be filled and signed by the account holder and the bank (or accompanied by a recent bank statement).	
Ref. EMSA documentation: Request Specifications, point 9	

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PROCUREMENT PHASE 2: Invitation to Tender			
"Invitation to Tender"	"Invitation to Tender" sent "Pre-selected Candidates"	end June	
Visit to EMSA stockpiles	Opportunity to review equipment for transfer	Week 28	
Clarification meetings	Clarification with candidates in Lisbon	Week 29	
"Tender" Deadline	"Heavier" documentation submission	mid-August	



PROCURE	MENT PHASE 2: Negotiation	
Negotiation Stage	Improvements to offers	September/ October
On-site Meetings	Visits to vessels	September/ October
"Final Tender" Deadline	Final offers	mid-October
Final Tender Evaluation	Awarding of contracts	November/ January

To be prepared for the Phase II - Tender

- Technical Specifications of the vessel
- Pollution Response Equipment
- Mobilisation Plan
- Crew training
- Financial Offer

Will be evaluated in the Tender Phase Against minimum requirements and award criteria





Useful information

EMSA

European Maritime Safety A

Protecting

European Seas against Pollution

EMSA IMPLEMENTATION TASKS / OPERATIONAL TASKS / EVENTS / NEWS & MEDIA / PUBLICATIONS Search ... POLLUTION RESPONSE NETWORK OF RESPONSE SERVICES VESSELS: QUICK FACTS Number of vessels which can Main page EMSA has established a network of stand-by oil spill response be mobilised simultaneously: vessels through contracts with commercial vessel operators. 17 EMSA's contracted vessels have been specifically adapted for oil spill response operations and are on stand-by, carrying out their Average storage capacity per Stand-by Oil Spill Response usual commercial activities. vessel for recovered oil: 3,500 Vessels m³ In the event of an oil spill, the selected vessel will cease its normal Key Aspects of the Vessels activities and will be made available to the requesting party fully-Network storage capacity, if 17 Network equipped for oil spill response services under established terms vessels are mobilised: 60.000 and conditions and tariffs. Following a request for assistance, the Vessels Info-sheets m³ maximum time for the oil spill response vessel to be ready to sail Equipment Assistance Service is 24 hours. Number of related equipment stockpiles: 17 Regardless of their area of commercial operations, all vessels in Chemical Spill Response Mobilisation time (vessel ready the EMSA network can be mobilised for response to an oil spill to sail to site) after request: 24 Technical cooperation anywhere in European waters and shared sea basins. hours Documents EMSA currently maintains 17 fully equipped stand-by oil spill Mobilisation procedure: response vessels around Europe. Calendar of Events -Member States request assistance via the ERCC -Member States have operational control of the RELATED DOCUMENTS vessel during the incident Network of Stand-by Oil Spill Response Vessels: Drills and Exercises. Annual Reports Protecting European seas against oil pollution - Network of EMSA contracted vessels Pollution Response Services Supporting EMSA Network of Oil Spill Pollution Response Vessels - Protecting Response for European Seas against Cleaner European Pollution Seas Network of Stand-by Oil Spill Response Vessels and Equipment (Handbook 2014) **OSRV Brochure 2015** Network of Stand-by Oil 18 **27** EMSA Network of Network of Stand-by Oil Handbooks EMSA's Operational Oil Pollution Response Services Oil Spill Response /essels -

RELEVANT LEGISLATION

Effective At-Sea Pollution

Response [leaflet]

Regulation (EU) 2016/1625 Regulation (EC) No 1406/2002 (consolidated version) Regulation (EU) No 100/2013

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