

CompMon

Compliance monitoring pilot for Marpol Annex VI

Data sharing and reporting

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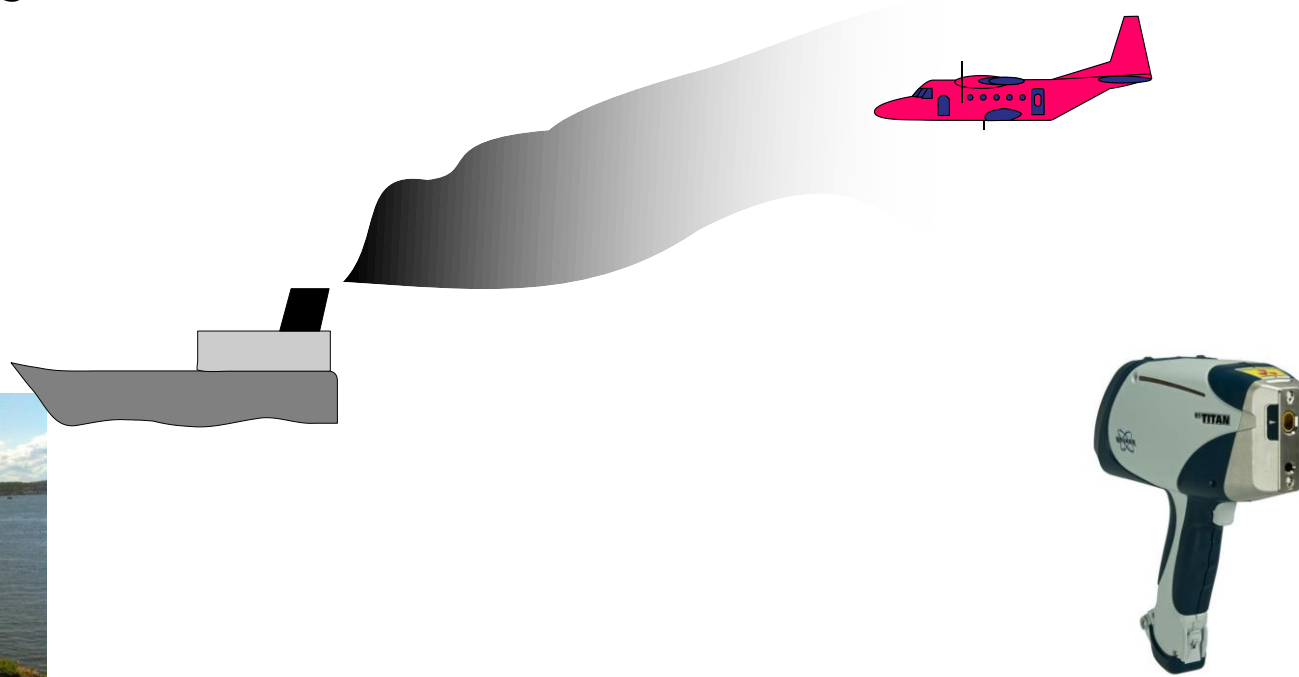
Brussels 8 December 2016

Reporting requirements

- **Sulphur Directive 1999/32/EC, art 7**
- **Commission implementation decision 2015/253, art 7**
 - Total number inspections
 - Number and type of non-compliance
 - Total number documentation verifications (BDN, location of bunkering, sampling and analysis, log books, fuel change-over, enforcement action)
 - Claims of non-availability
 - Notifications of protests against marine fuel suppliers
 - Outcome of remote sensing and other available technology for compliance verification
 - Total number and type of infringement procedures initiated and/or penalties
 - Etc.

Data sharing and reporting

- What do we need data for?
- Gain knowledge
- Exchange information between authorities
- Targeting tool
- Facilitate inspections



Thetis-EU

- EMSA were tasked to developed THETIS-S → THETIS-EU

THETIS-EU is an information system for recording and sharing the findings of enforcement activities in order to verify compliance with the sulphur directive.

- Alternative supervision technology



User roles in Thetis/Thetis-EU

- Several interactors and authorities

PSC inspectors

Document controls acc PSCD
Sulphur inspector; doc., sampling acc.
SD

Administrators

Sulphur inspections

Document controls and sampling acc. SD

Administrators

Thetis

Document

Thetis- EU

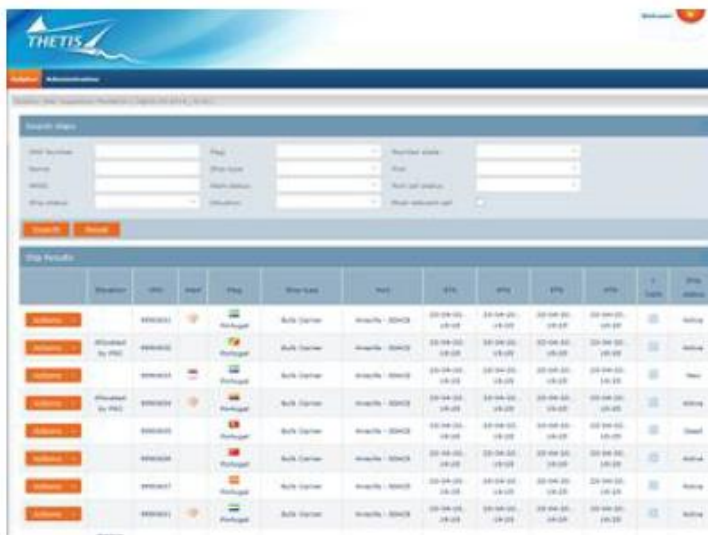
Sampling
Document

Ship Details



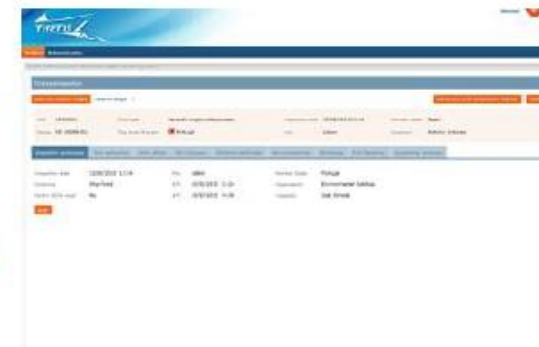
- C** **R** [Ship Particulars](#)
- C** **R** [Alerts](#)
- C** [ISM Company](#)
- C** [Statutory Certificates](#)
- C** [Sulphur Inspection History](#)
- C** [Bunkering History](#)
- C** [Fuel Sampling History](#)

Main Screen



Consult & Record
possibilities

Process Inspection



- R** [Inspection particulars](#)
- R** [Ship particulars](#)
- R** [Active alerts](#)
- R** [ISM Company](#)
- R** [Statutory Certificates](#)
- R** [Non-compliances](#)
- R** [Bunkering](#)
- R** [Fuel Sampling](#)
- R** [Supporting Material](#)



Main Screen

Sulphur Administration

Sulphur Site Inspection Portlet(4.1.0@03.09.2014_13:41)

Search ships

IMO Number: Flag: Member state:
 Name: Ship type: Port:
 MMSI: Alert status: Port call status:
 Ship status: Situation: Most relevant call:

Search Reset

Ship Results

	Situation	IMO	Alert	Flag	Ship type	Port	ETA	ATA	ETD	ATD	+ Calls	Ship status
Actions ▼		9990831			Bulk Carrier	Arrecife - ESACE	23-04-2012 19:25		23-04-2012 19:25			Active
Actions ▼	Allocated by PSC	9990832			Bulk Carrier	Arrecife - ESACE	23-04-2012 19:25	23-04-2012 19:25	23-04-2012 19:25	23-04-2012 19:25		Active
Actions ▼		9990833			Bulk Carrier	Arrecife - ESACE	23-04-2012 19:25	23-04-2012 19:25				New
Actions ▼	Allocated by PSC	9990834			Bulk Carrier	Arrecife - ESACE	23-04-2012 19:25	23-04-2012 19:25	23-04-2012 19:25	23-04-2012 19:25		Active
Actions ▼		9990835			Bulk Carrier							Dead
Actions ▼		9990836			Bulk Carrier	Arrecife - ESACE	23-04-2012 19:25	23-04-2012 19:25				Active
Actions ▼		9990837			Bulk Carrier							Active
Actions ▼		9990831			Bulk Carrier	Arrecife - ESACE	23-04-2012 19:25	23-04-2012 19:25	23-04-2012 19:25			Active
Actions ▼	Waiting for Sampling results	9990832			Bulk Carrier	Arrecife - ESACE	23-04-2012 19:25	23-04-2012 19:25				Active
Actions ▼		9990833			Bulk Carrier							New
Actions ▼	Allocated by PSC	9990834			Bulk Carrier	Arrecife - ESACE	23-04-2012 19:25	23-04-2012 19:25		23-04-2012 19:25		Active
Actions ▼		9990835			Bulk Carrier	Arrecife - ESACE	23-04-2012 19:25	23-04-2012 19:25	23-04-2012 19:25	23-04-2012 19:25		Dead

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Sulphur Site Inspection Portlet(4.1.0@03.09.2014_13:41)

Search ships

IMO Number

Name

MMSI

Ship status

Flag

Ship type

Alert status

Situation

Search

Reset

Ship Results

	Situation	IMO	Alert	Flag		ETA	ATA
Actions ▾		9990831					
Actions ▾	Allocated by PSC	9990832					
Actions ▾		9990833			Bulk Carrier	Arrecife - ESACE	
Actions ▾	Allocated by PSC	9990834			Bulk Carrier	Arrecife - ESACE	
Actions ▾		9990835			Bulk Carrier	Arrecife - ESACE	23-04-2012 13:25

-- Alert Status --

- All
- With Alerts
- Without Alerts

-- Port Call Status --

- All
- Arrived
- Expected to Arrive
- Departured
- With no Port Call

-- Situation --

- All
- Inspection on-going
- Waiting for sampling results
- Inspected
- Inspected and penalty applied
- Allocated by PSC
- Inspected by PSC
- Detained by PSC

Experiences and improvements

- Alerts
- Targeting tool
- Integration of data between Thetis/Thetis-EU
- New technology, digitalization and automation of data transmission

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www.compmon.eu



Co-financed by the European Union
Connecting Europe Facility



Partners



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museum

Operational Directorate Natural Environment
OD Nature | OD Natuur | DO Nature



FINNISH METEOROLOGICAL INSTITUTE

CHALMERS



Inspectie Leefomgeving en Transport
Ministerie van Infrastructuur en Milieu



Ministry of Environment
and Food of Denmark
Environmental
Protection Agency



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