

THETIS and THETIS-EU

Introduction to the system in support of inspections

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B.3.3 - Ship Inspection Support

Lisbon / 29-30 March 2017



Web-based tool for recording ship
inspections regulated by Union
legislation

Regime is the subject governing the scope of an inspection

PSC, RoPax, Sulphur and **PRF** are the current foreseen Regimes

THETIS-EU was initially called THETIS-S when in support of Sulphur Regime only.

- Directive 2009/16, as amended, on port State control
- 3 Implementing Regulations
- Directive 1999/35 on Ro-Ro ferry and high-speed passenger craft (Ropax) surveys [*under review*]
- Procedures of the Paris MoU
- Regulation 319/2009 on Recognised Organisations
- Directive 2009/20 on Insurance
- Regulation 392/2009 on Passenger Carrier Liability
- Directive (EU) 2016/802 on Sulphur in fuel
- 1 Implementing Regulation
- *Regulation (EU) 1257/2013 on Ship Recycling*
- *Regulation (EU) 757/2015 on monitoring, verification and reporting of CO2 emissions*

It was designed to cater for any kind of “ship-inspection” legislation in future versions

THETIS



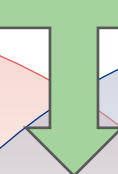
**International Conventions
(PSC Directive)**



- ✓ Storage of inspection data
- ✓ Targeting (PSC)



Class /
RO



- ✓ Ship Details
- ✓ PortCall Details
- ✓ Class



THETIS-EU



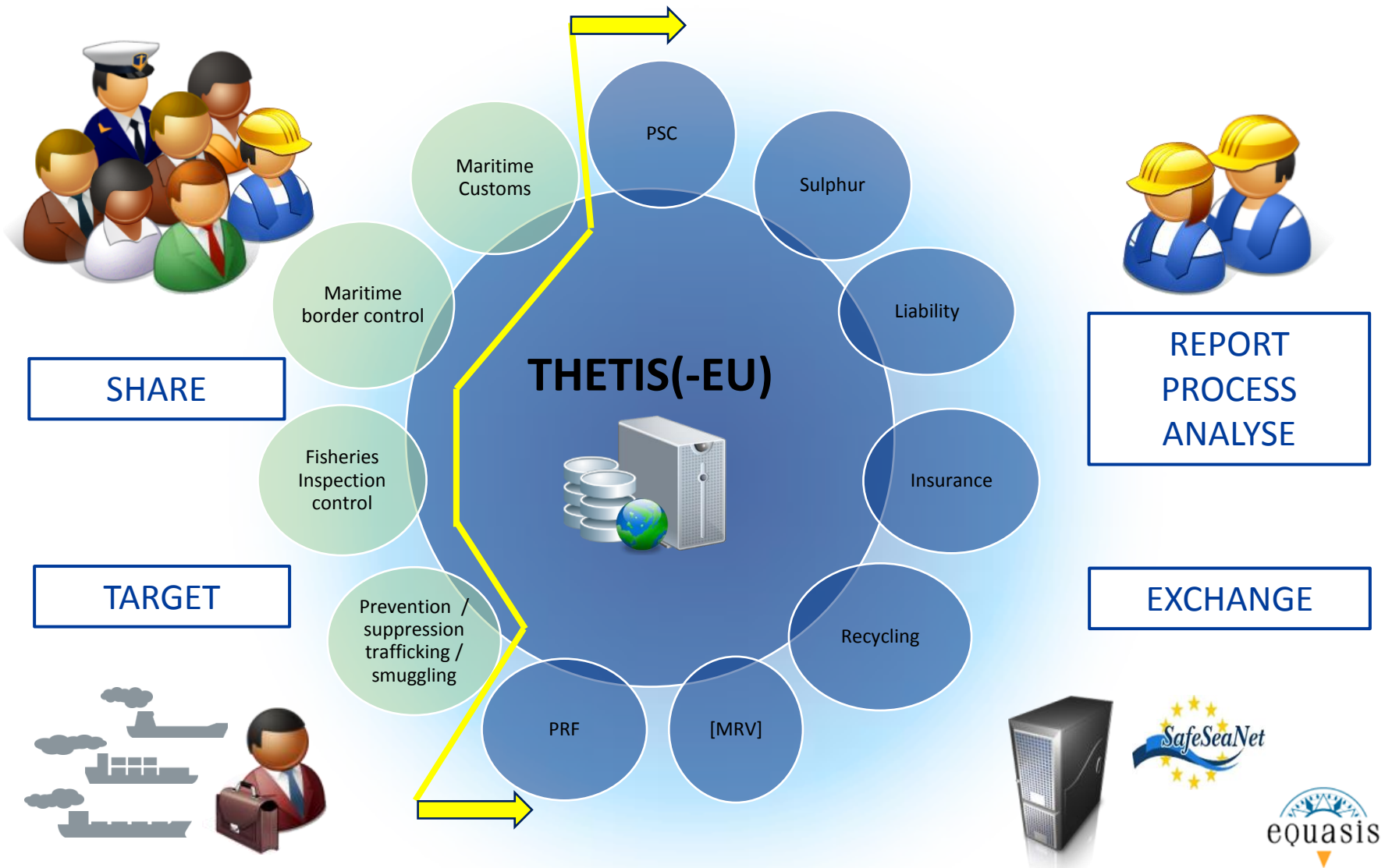
**Sulphur Directive
PRF Directive
Flag State inspections**



- ✓ Storage of inspection data
- ✓ Targeting (Sulphur)
- ✓ Targeting Flag



Examples of IT Tools for reporting ships inspections, ALL with a **FLAG STATE** component



THETIS-EU

Member States

Data Providers

System
Administrator

Inspectors

National
Administrators

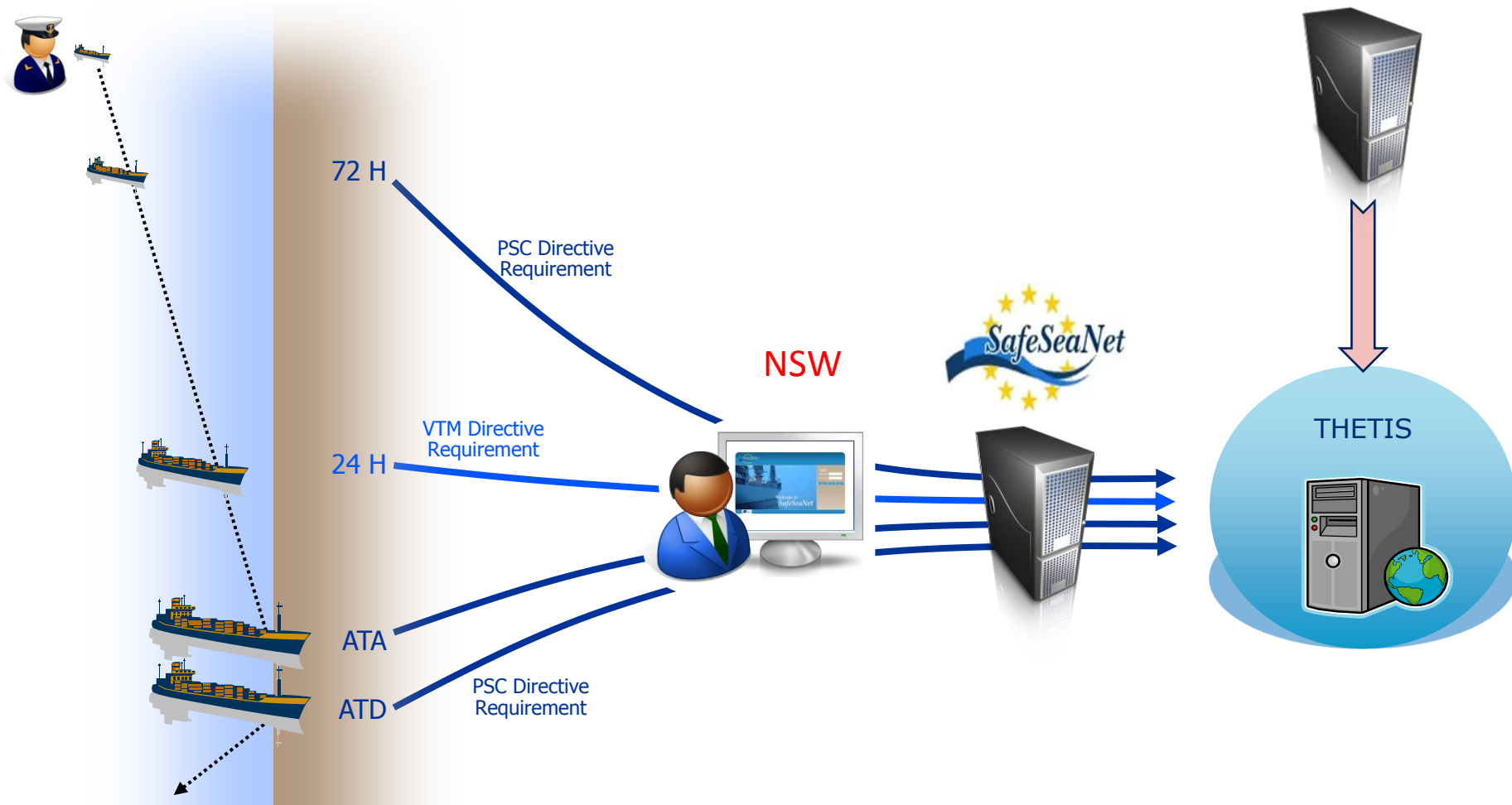
SSN

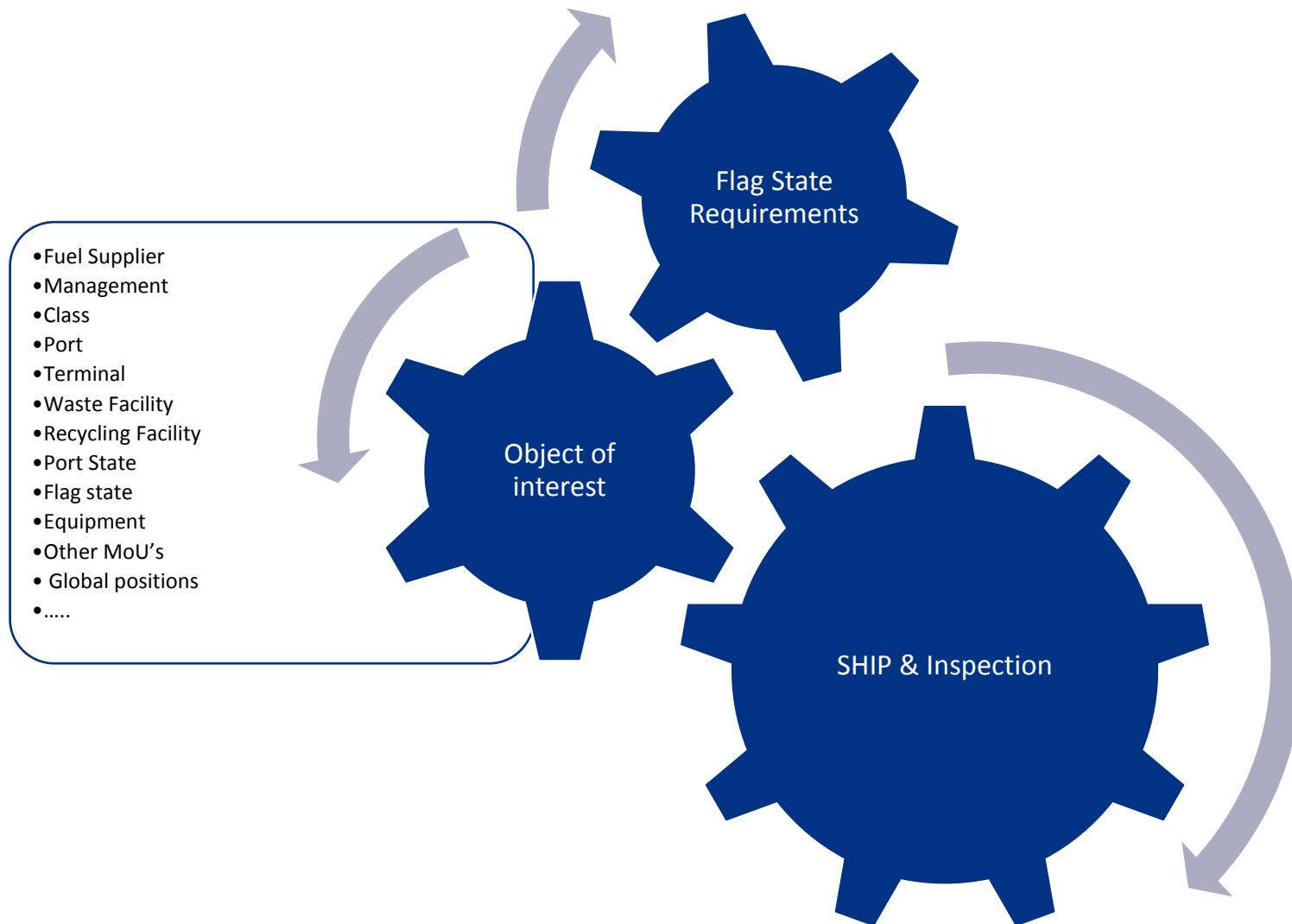
3rd Parties

Reporting Obligations inside and outside EU

Other EU reporting obligations will all be combined to facilitate all users.

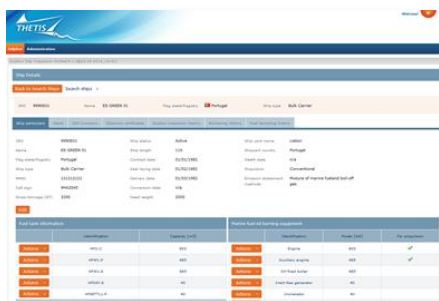
- MARINFO
- global positions



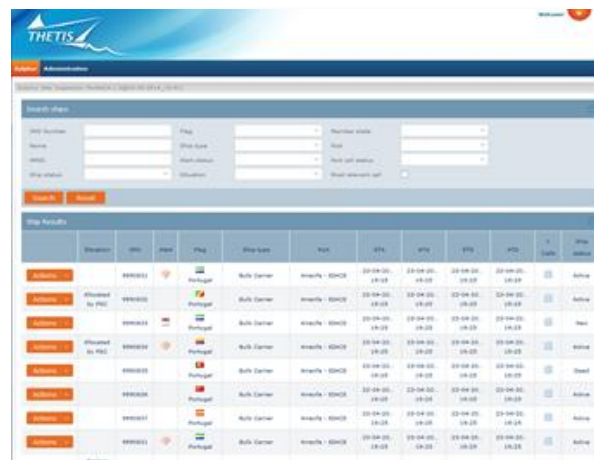


Main Screen

Ship Details



Ship ID	Ship Name	IMO	Flag	Company	Port of Origin	Port of Destination	Arrival Date	Departure Date	Status
9999999	THETIS	9999999	Flag	Company	Port of Origin	Port of Destination	Arrival Date	Departure Date	Status



Ship ID	Ship Name	IMO	Flag	Company	Port of Origin	Port of Destination	Arrival Date	Departure Date	Status
9999999	THETIS	9999999	Flag	Company	Port of Origin	Port of Destination	Arrival Date	Departure Date	Status

Process Inspection



Inspection ID	Ship ID	Inspection Date	Inspection Type	Inspection Status	Inspection Results
9999999	9999999	2023-01-01	Inspection	Active	Results

  [Ship Particulars](#)

  [Alerts](#)

 [ISM Company](#)

 [Statutory Certificates](#)

 [Sulphur Inspection History](#)

 [Bunkering History](#)

 [Fuel Sampling History](#)

Consult & Record
possibilities

 [Inspection particulars](#)

 [Ship particulars](#)

 [Active alerts](#)

 [ISM Company](#)

 [Statutory Certificates](#)

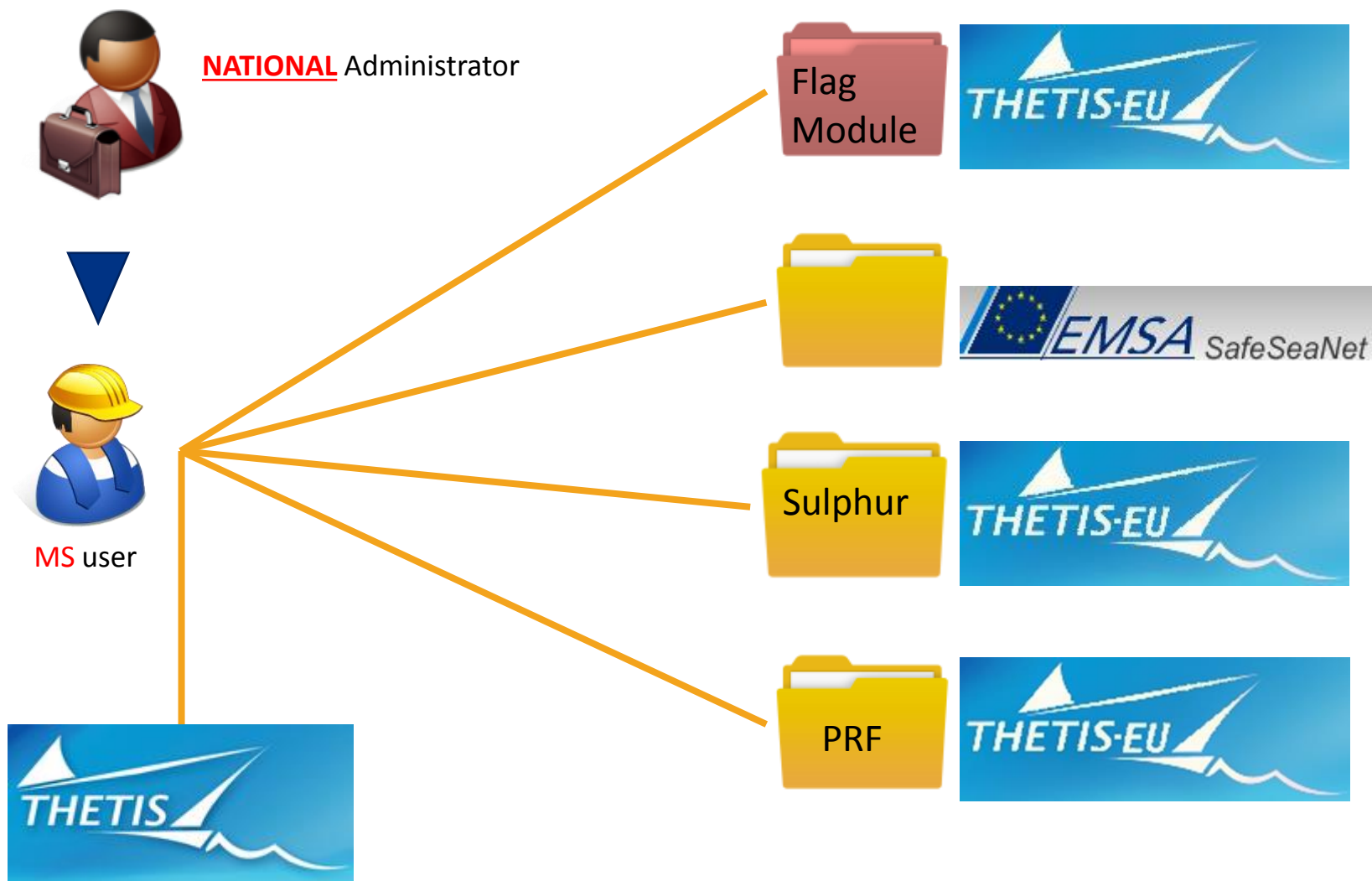
 [Non-compliances](#)

 [Sulphur: Bunkering](#)

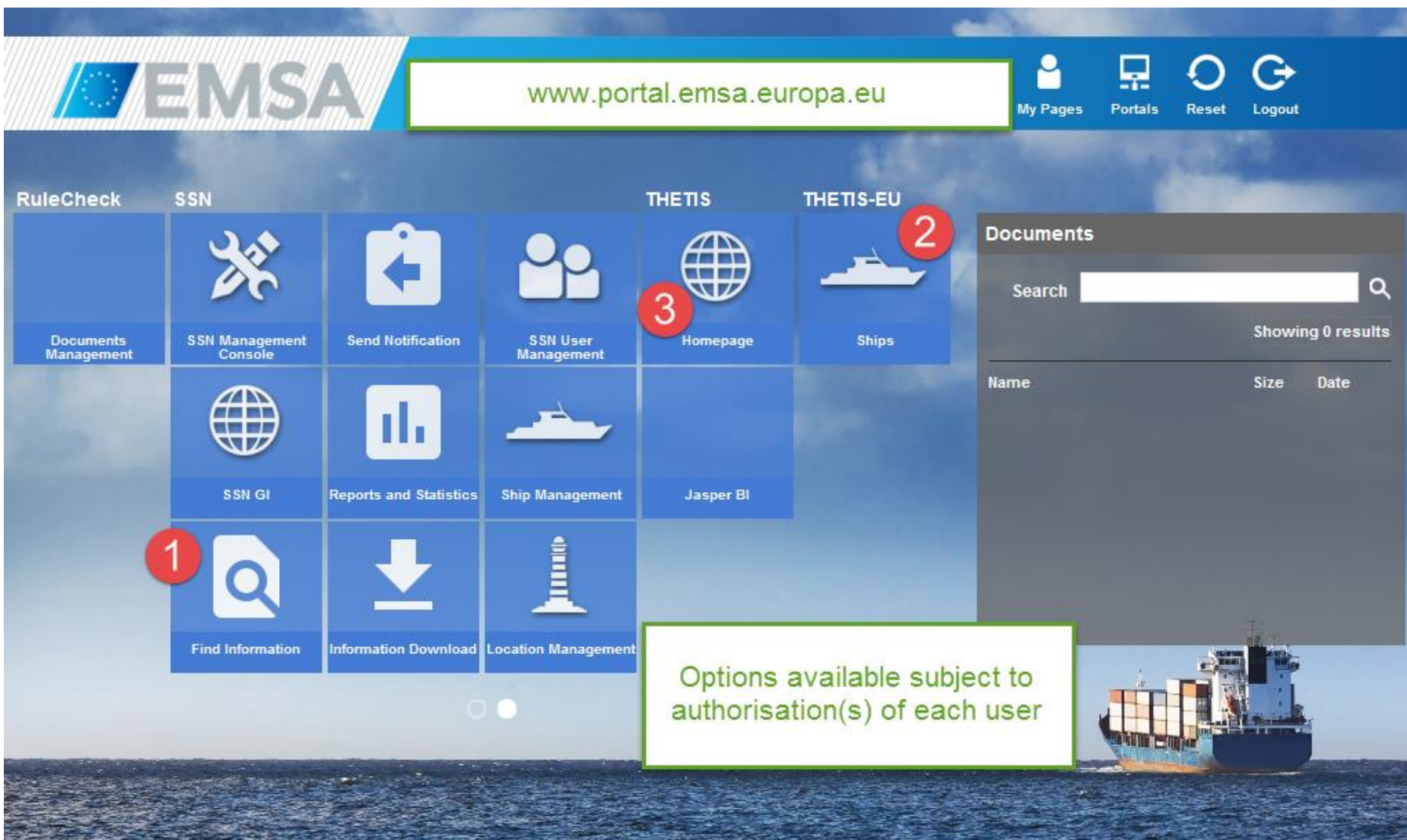
 [Sulphur: Fuel Sampling](#)

 [Supporting Material](#)

User access management



Result of authorisation



The screenshot displays the EMSA portal interface. At the top, the EMSA logo is on the left, and the URL www.portal.emsa.europa.eu is in the center. To the right of the URL are icons for 'My Pages', 'Portals', 'Reset', and 'Logout'. Below the header, the main content area is divided into several sections. On the left, there are four columns of service tiles: 'RuleCheck' (Documents Management), 'SSN' (SSN Management Console, SSN GI, Find Information), 'THETIS' (Send Notification, SSN User Management, Reports and Statistics, Information Download), and 'THETIS-EU' (Ships, Jasper BI). A red circle with the number '1' is next to the 'Find Information' tile. A red circle with the number '2' is next to the 'Ships' tile. A red circle with the number '3' is next to the 'Homepage' tile. On the right, there is a 'Documents' sidebar with a search bar and a table with columns 'Name', 'Size', and 'Date'. A green box at the bottom right contains the text: 'Options available subject to authorisation(s) of each user'. The background of the interface features a blue sky and a large cargo ship on the water.

EMSA

www.portal.emsa.europa.eu

My Pages Portals Reset Logout

RuleCheck SSN THETIS THETIS-EU

Documents Management

SSN Management Console

Send Notification

SSN User Management

Homepage

Ships

SSN GI

Reports and Statistics

Ship Management

Jasper BI

Find Information

Information Download

Location Management

Documents


Search

Showing 0 results

Name Size Date

Options available subject to authorisation(s) of each user

Searching for ships



[Ships](#)
[Administration](#)
[Documents](#)
[Documents Management](#)

THETIS-EU Site Inspection Portlet(2.0.0@07.07.2016_22:32)

IMO Number

Flag

Member state

Netherlands

Ship type

Port

Alert status

Port call status

Arrived

Ship status

Situation

Most relevant call

☒

Search

Filter

Reset

Search ships

IMO Number

Flag

Member state

Netherlands

Ship type

Port

Alert status

Port call status

Arrived

Ship status

Situation

Most relevant call

☒

Search

Filter

Reset

Ship Results

	Situation	IMO	Alert	Name	Flag	Ship type	Port	ETA	ATA	ETD	ATD	Calls	Ship status
Actions		9356646		ST SARA		Chemical tanker	Rotterdam NLRTM	08-09-2016 10:00	09-09-2016 14:17	10-09-2016 03:00			Active
Actions		9419765		PARTICI		Container	Vlissingen NLVLI	09-09-2016 12:30	09-09-2016 14:14	10-09-2016 14:14			Active
Actions		9312080		PATAGONIA		Chemical tanker	Rotterdam NLRTM	09-09-2016 12:00	09-09-2016 14:08	11-09-2016 10:00			Active
Actions		9167930		TARNFORS		Chemical tanker	Rotterdam NLRTM	09-09-2016 12:00	09-09-2016 14:05	10-09-2016 14:00			Active
Actions		9784465		SOLUTION		Offshore supply	Delfzijl NLDZL	09-09-2016 12:00	09-09-2016 13:59	20-09-2016 22:59			Active
Actions		8703139		DOUWENT		General cargo/multipurpose	Amsterdam NLAMS	09-09-2016 12:00	09-09-2016 13:51	09-09-2016 22:00			Active
Actions		9183427		A28 ENERGY		General cargo/multipurpose	Rotterdam NLRTM	08-09-2016 08:00	09-09-2016 13:27	08-09-2016 22:00			Active
Actions		9489560		BOMAR VESTA		Chemical tanker	Rotterdam NLRTM	05-09-2016 23:01	09-09-2016 13:13	10-09-2016 13:30			Active

Search options for anything the user likes to search for

"most relevant call"

Information through SSN and others



Ships Administration Documents Documents Management

THETIS-EU Site Inspection Portlet(2.6.8@07.07.2016_22:32)




























Search ships

IMO Number	<input type="text"/>	Flag	<input type="text"/>	Member state	<input type="text" value="Netherlands"/>
Name	<input type="text"/>	Ship type	<input type="text"/>	Port	<input type="text"/>
MMSI	<input type="text"/>	Alert status	<input type="text"/>	Port call status	<input type="text" value="Arrived"/>
Ship status	<input type="text"/>	Situation	<input type="text"/>	Most relevant call	<input checked="" type="checkbox"/>

Search Filter Reset

Information provided through SSN

Ship Results

	Situation	IMO	Alert	Name	Flag	Ship type	Port	ETA	ATA	ETD	ATD	Calls	Ship status
Actions ▾		9356646		ST SARA		Chemical tanker	Rotterdam NLRTM	08-09-2016 10:00	09-09-2016 14:17	10-09-2016 03:00			Active
Ship ▾		9419785		PARTICI		Container	Vlissingen NLVLI	09-09-2016 12:30	09-09-2016 14:14	10-09-2016 14:14			Active
PortCall ▾		2080		PATAGONIA		Chemical tanker	Rotterdam NLRTM	09-09-2016 12:00	09-09-2016 14:08	11-09-2016 10:00			Active
Process inspection ▾		7930		TARNFORS		Chemical tanker	Rotterdam NLRTM	09-09-2016 12:00	09-09-2016 14:05	10-09-2016 14:00			Active
Alert ▾		9784465		SOLUTION		Offshore supply	Delfzijl NLDZL	09-09-2016 12:00	09-09-2016 13:59	20-09-2016 22:59			Active
Details ▾		8703139		DOUWENT		General cargo/multipurpose	Amsterdam NLAMS	09-09-2016 12:00	09-09-2016 13:51	09-09-2016 22:00			Active
Edit ▾		9183427		A2B ENERGY		General cargo/multipurpose	Rotterdam NLRTM	08-09-2016 08:00	09-09-2016 13:27	08-09-2016 22:00			Active
Add alert ▾		9489560		BOMAR VESTA		Chemical tanker	Rotterdam NLRTM	05-09-2016 23:01	09-09-2016 13:13	10-09-2016 13:30			Active
		9736107		TIHAMA		Container	Rotterdam NLRTM	09-09-2016 05:00	09-09-2016 13:13	11-09-2016 11:00			Active

Planning of inspections, **national Fleet**

THETIS-EU

Administration Documents Documents Management

THETIS-EU Site Inspection Portlet(2.0.8@07.07.2016_22:32)

Search ships

IMO Number: Flag: Member state: Netherlands, Belgium

Name: Ship type: Port:

MMSI: Alert status: Port call status: Arrived, Departure, Incls

Ship status: Situation: PRF: Inspected

Most relevant call: ☐

Search Filter Reset

Organize the allocation of resources using information out of the system

Ship Results

	Situation	IMO	Alert	Name	Flag	Ship type	Port	ETA	ATA	ETD	ATD	Calls	Ship status
Actions	PRF: Inspected					NLS tanker		07-09-2016 21:00	07-09-2016 20:06	16-09-2016 21:00			Active
Actions	PRF: Inspected, Sulphur: Inspected					General cargo/multipurpose		06-09-2016 15:00	06-09-2016 13:41		08-09-2016 03:01		Active
Actions	PRF: Inspected, Sulphur: Inspected					Bulk carrier		06-09-2016 09:00	06-09-2016 07:41		09-09-2016 09:44		Active
Actions	PRF: Inspected					Container		06-09-2016 05:00	06-09-2016 03:20		06-09-2016 21:12		Active
Actions	PRF: Inspected, Sulphur: Inspected					Bulk carrier		06-09-2016 02:00	06-09-2016 00:44		09-09-2016 11:23		Active
Actions	PRF: Inspected					General cargo/multipurpose		05-09-2016 15:14	05-09-2016 15:14		07-09-2016 20:04		Active
Actions	PRF: Inspected, Sulphur: Inspected					Bulk carrier		05-09-2016 10:38	05-09-2016 10:17	12-09-2016 18:00			Active
Actions	PRF: Inspected					Bulk carrier		05-09-2016	05-09-2016		08-09-2016		Active

Is there something of special interest?

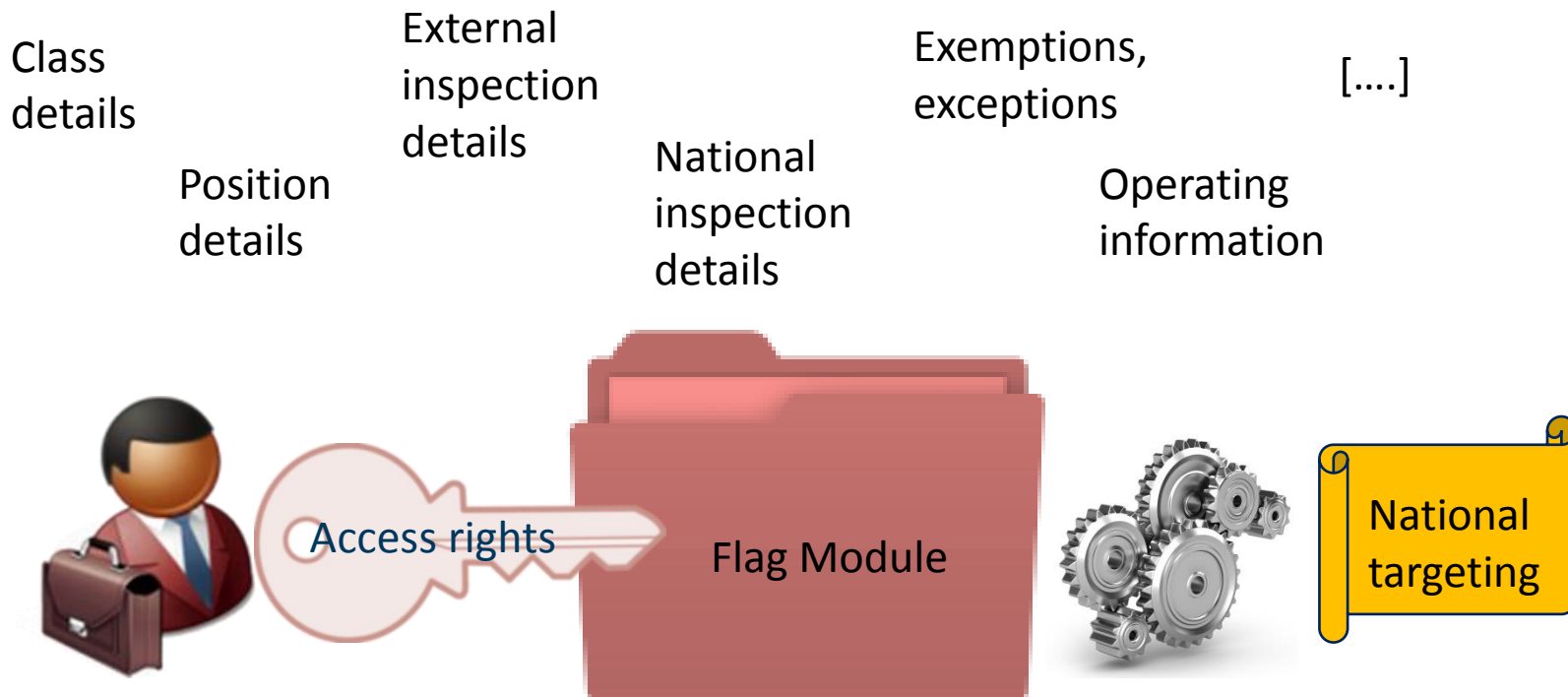
Inspection status by own MS

Planning: When can it be inspected?

What kind of ship is it?

Where is the ship? Multiple port view in own MS is possible

Alerttype could be “detained in MS”
 “detained in [Japan]”
 “banned”



Examples of Output:
Statistics for national use;
work-orders for inspections;
Campaign information for suppliers, companies, shiptypes,
equipment, RO's...



Thank you!

 twitter.com/emsa_lisbon
 facebook.com/emsa.lisbon

