

THETIS and the PRF information and monitoring system

THETIS enhancement for 2000/59/EU as am.

Frank Rohling / Senior Project Officer
Department B: Port State Control

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THETIS and PRF statuspoint



- Directive 2000/59 **EiF many years ago**
- Recently work started again → ESSF February 2015
- THETIS module for Sulphur Directive inspections successfully deployed and available from 01 Jan 2015
- EMSA tasked by DG MOVE to look into Article 12 “information and monitoring system”
- Initial specification started January 2015 in preparation of contracting and this workshop

Next:

- Workshop to agree on version 1 of the Business Rules document
- Go-Live of the inspection module end November 2015

THETIS is.....???



THETIS is:

- The information system for Port State Control
- 1 single system serving all Member States
- Sharing inspection results and everything else deemed relevant (alerts, messages, class information etc etc)
- Accessible by authorised users
- Successor of “SIRENAC” as referred to in the PRF Directive

However, it also

- Serves as backbone for inspections under the Sulphur Directive
- Serves as platform for sharing information between “Sulphur authorities”

Is PRF Port State Control ?



Is PRF Port State Control?

– NO –

PSC	PRF
Foreign ships only	All ships
Excluded types	Most types
Accredited inspectors	No reference
MARPOL Annexes	PRF Directive, discharge only
Common procedures between MS	Draft guidance note
Random inspections, whole ship	Focussed on 1 area only



Article 12 refers to:

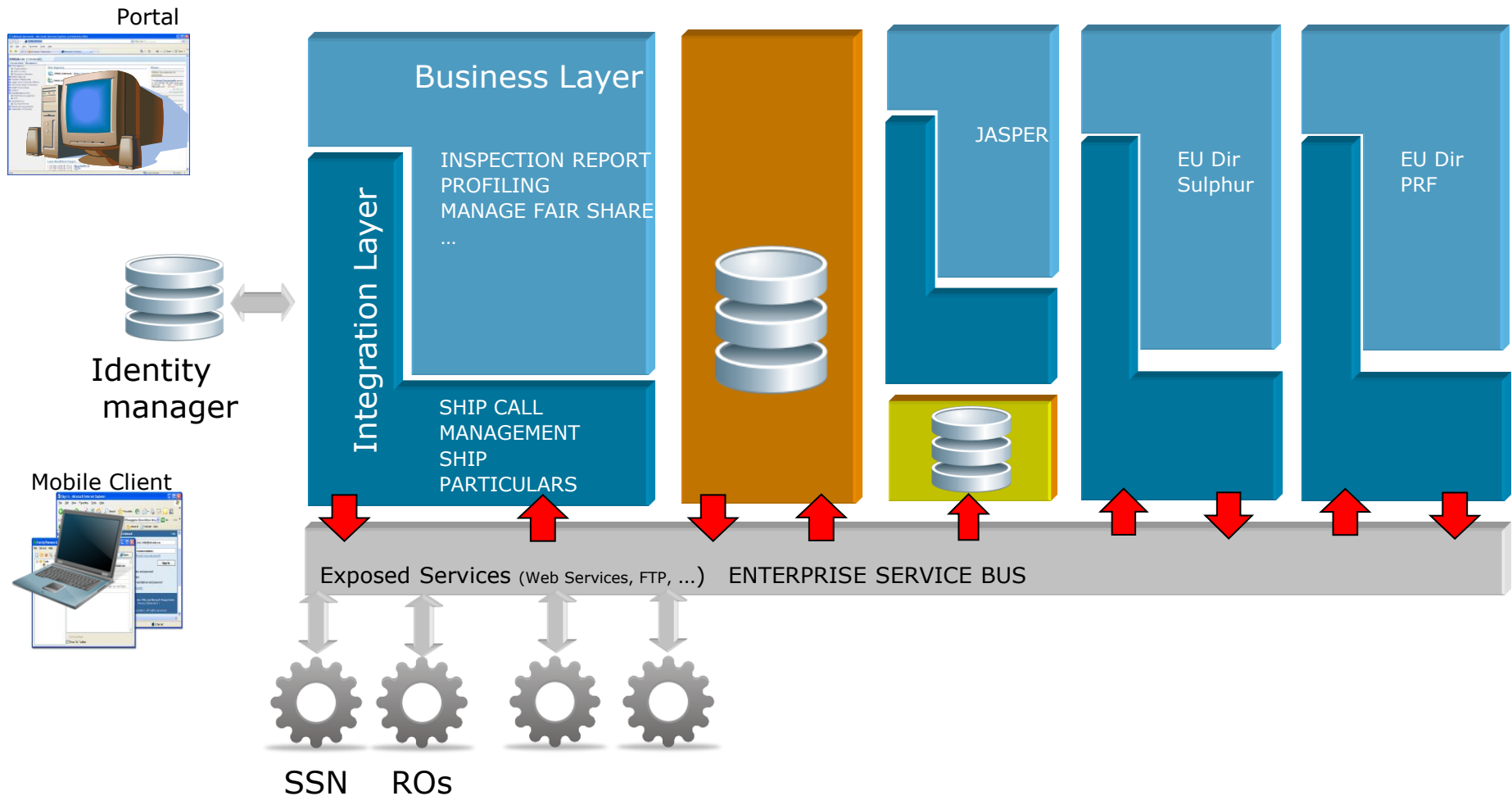
- an Information and Monitoring system
- To establish whether obligations under Article 1 have been met, and
- To improve the identification of “non-dischargers”

This part of the workshop relates to:

- the **inspections** to be carried out
- Sharing and use of relevant information

THETIS and PRF, why and how

Technically the fastest and most cost-efficient solution



THETIS and PRF Objectives of Workshop



The Workshop should lead to:

- Identification of the responsible Authorities and the “key-users”
- An agreement regarding the basic work processes such as
 - Selection,
 - Inspection,
 - Reporting,
 - Alert management
- An agreement on Business Rules version 1.0
 - Comments and concerns will lead to BR version 1.1
 - Elaborations will lead to BR version 2.0 (wishlist)



Of critical importance for the success

- Common understanding of the task at hand
- Establishment of a community
 - To provide experts/delegates to discuss (further) developments
 - To agree on Business Rules
 - To validate the supporting IT tool
 - To share questions and answers, experience, best practices

This workshop could be the first meeting of “the community”



Typical steps to be taken:

- High level Agreement on the principle and solution
- Understanding the legal basis
 - **PRF Directive as amended**
 - **Scope and Purpose limitations**
- Understand the natural workflow of daily operations
- Define the various actors, roles, needs, obligations
- Define and Agree on Business Rules
- Draft design specifications
- Develop, test, deploy and train



Current status:

- Based on **our** understanding, a first set of Business Rules has been compiled
- Working Version 1.0 of the THETIS – PRF module will be delivered to EMSA for test mid-October

Enhancements / modifications / changes following the workshop and experience gained will be incorporated in subsequent versions, subject to urgency and feasibility

High Level considerations



For version 1.0 of Business Rules the following high-level considerations apply:

- Recording of inspection information in the system should be easy and not require training
- No undue mix of PSC and PRF inspection results and Regime components
- The user “community” may or may not be PSC officers
- Even if it is a PSC officer, the regime is not MARPOL but PRF Directive
- The inspected object is the ship
- The ship can be any type and any flag within scope of the Directive
- Actions taken during inspections are defined in the Directive
- Inspection reports shall be referring to the Directive as transposed
- Summary reports shall be extractable
- Inspection results shall be visible for other States (authorised users)

High Level consequences



Following the Business Rules version 1.0 the following applies:

- Pre-loading of existing names and numbering schemes facilitate speed of reporting, unambiguity of data, statistics
 - Ship's ID (IMO number)
 - Company's ID (IMO number)
- Arrival + Departure information is provided by MS through SSN;
- Notifications provided in SSN will be relayed to THETIS-PRF and alerts may be shared if deemed relevant;
- A provisional list of non-compliances with the PRF Directive needs to be created and needs to be validated



Before you leave:

- Agree on a (modified) version of the Business Rules
- Indicate whether you will be the appropriate contact for further communication related to the technical development
 - Development includes:
 - To provide guidance on the various issues related to design
 - Provide input on a list of non-compliances
 - Testing a prototype and validation of the first version
 - Possibly act as a national focal point for the roll-out phase later

Thank you!

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