

RuleCheck – A decision supporting tool for PSC Officers and Flag State Surveyors

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Unit B.3.2

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Background information

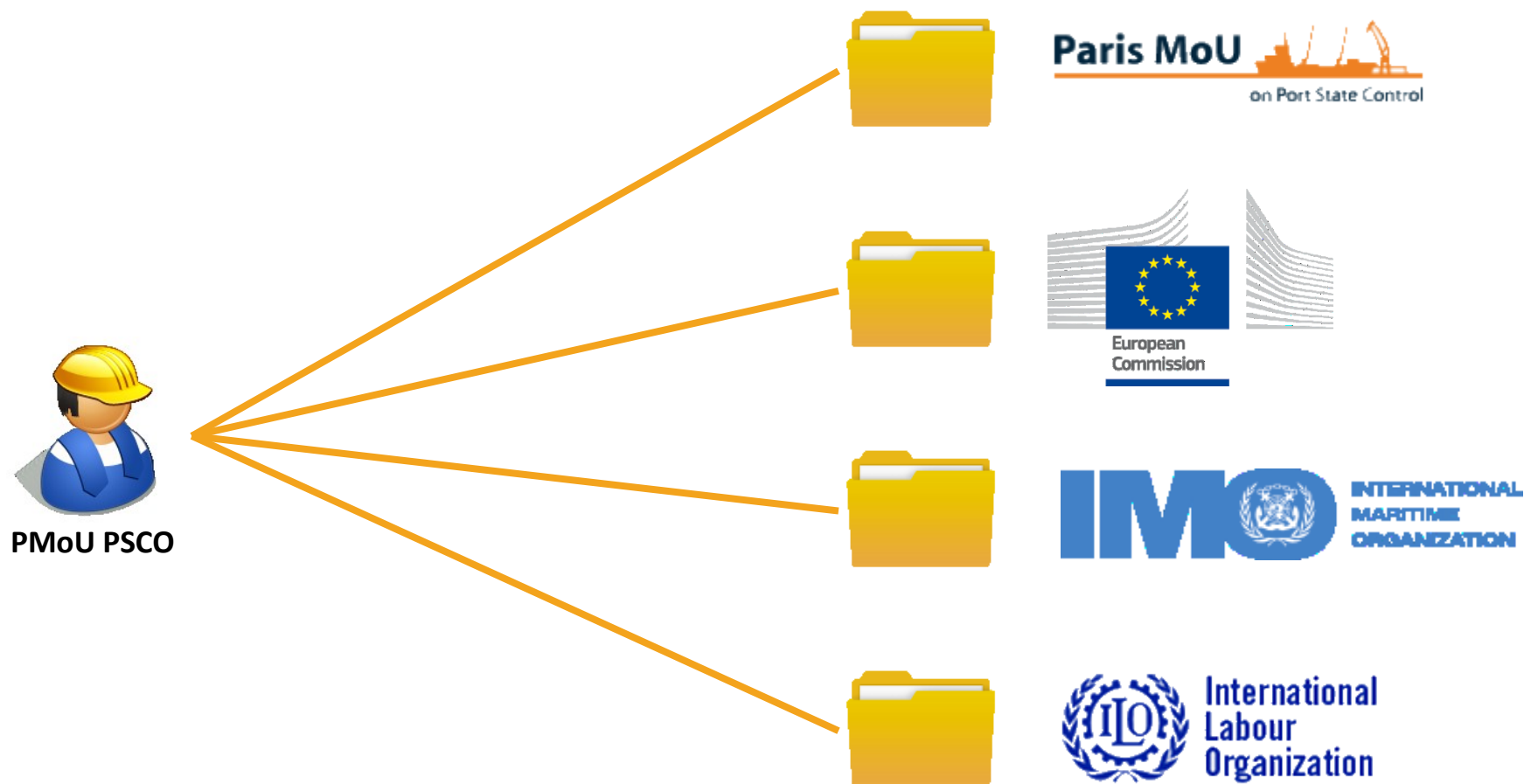
Overview of RuleCheck and its functionalities.

Examples for each functionality

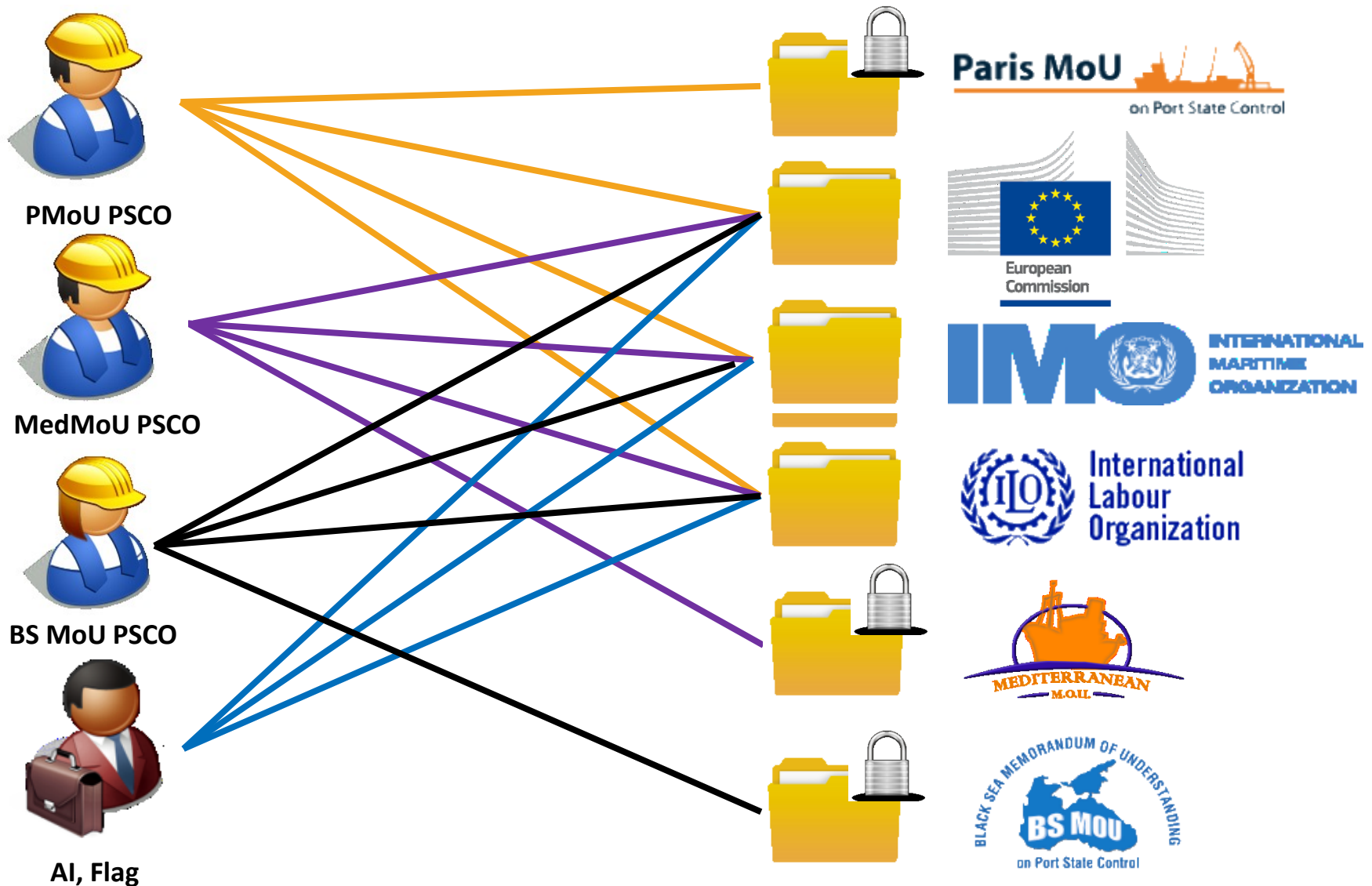
Future Developments

**Granting access to non EU States or PSC
Regimes**

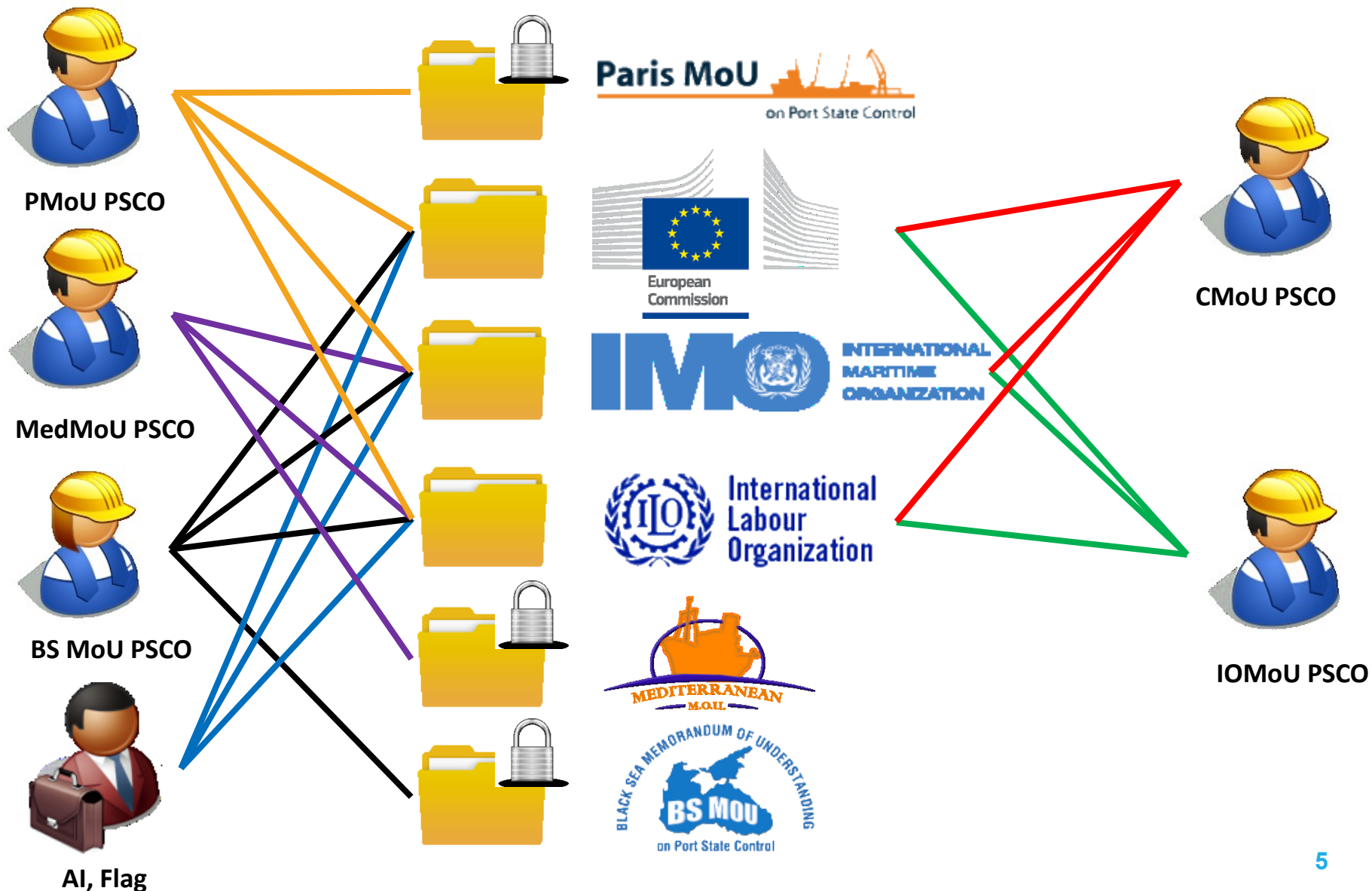
A tool for Paris MoU PSCO



Configurable for other communities



Configurable for other communities




RuleCheck – Background



Use RuleCheck the best supporting decision tool designed to facilitate PSCO in applying IMO/ILO instruments



What do I need in today's inspection?



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license to use the Content only for
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substantive law of Portugal.. Any
: which cannot be settled amicably

[Background on RuleCheck >>](#)

What do you see when opening RuleCheck ?



• Check Def • Tree V • My S • Word : • Prosp • My Ship EU

RuleCheck conditions of use



The European Maritime Safety Agency (EMSA) provides access to the RuleCheck (hereinafter referred to as the "Service") and grants right to use the content included in the Service subject to the following conditions:

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3.3 The user shall not alter or make modifications to the Content.

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4.2 EMSA shall not be liable in case of non-availability of the Service.

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EMSA reserves the right to make modifications to these Conditions of Use. The modifications will be applicable from the date on which the modified Conditions of Use are available in the Service.

Article 6 – Applicable law and dispute resolution

These Conditions of Use shall be governed by Union law, complemented, where necessary, by the national substantive law of Portugal.. Any dispute between the parties resulting from the interpretation or application of the present Conditions of Use which cannot be settled amicably shall be brought before the courts of Lisbon, Portugal.

[Background on RuleCheck >>](#)



What can the user see when opening RuleCheck ?

Background on RuleCheck >>



Port State Control is one of the most important methods of ensuring that ships comply with the appropriate international legislation. EMSA's role in this area is to ensure that ship inspections in EU ports are carried out as effectively and consistently as possible under the Paris MoU regime. RuleCheck was originally developed to give Port State Control Officers (PSCOs) in the Paris MoU region a supporting tool containing all the rules and procedures which apply to ships to be inspected, based on the ship type and age. The system has been further enhanced and maintained to ensure that Port State Control Officers (PSCOs) under different regimes are able to properly apply the relevant rules to ships, notwithstanding the complexities contained in the various International Conventions, having also an easy access to Convention references supporting deficiencies found during inspections. The availability of International Maritime Organisation (IMO) and International Labour Organisation (ILO) documents as well as EU legislation and easy accessibility of their content leads to improvements in the effectiveness and consistency with which inspections are carried out in all countries which operate under a Port State Control MoU.



Check Deficiencies: This function helps a user to easily retrieve the Convention reference linked to any deficiency found during the inspection of any ship. Based on the ship type, its construction date, gross tonnage (GT), length, etc., it offers different ways to find the Reference: by deficiency code, by Defective item, by Convention or Code or by Risk Area. It also can be used by a PSCO to find the full list of possible deficiencies for a particular ship, only based on its type and age. Each proposal returned by RuleCheck will contain the deficiency code and one or more links to the Conventions.



Tree View: Tree View Structure helps a user gain easy access to Paris, Black Sea and Mediterranean MoU documents, all ILO instruments, IMO instruments and EU PSC-related legislation. With this function, the user can not only obtain the latest consolidated editions of relevant Conventions or Codes but also, their respective amendments with their original editions.



My Ship Tree: My Ship Tree Structure helps a user gain easy access to retroactive requirements applicable to individual ships. With this function, the user can narrow down searched results according to gross tonnage (G/T) or ship's length.



Word Search: By typing in a word or combination of words, a user can easily find the documents which contain the searched word(s).



Prospective: This function helps a user identify the documents adopted by the IMO which will have an effective date in the coming years. It will also provide the summary of deficiencies which may result of the entry into force of amended or newly adopted Conventions.



My Ship EU: This functionality allows the user to search for the applicable EU legislation for particular types of ships. By filling in the mandatory fields the outcome of the function will provide in a tree view format the EU Directives that will only include the articles and regulations applied based on the search input criteria. The EU Directives have been categorized in a way that every time the function is utilized it will provide only those Directives related to ship safety, ship security, the marine environment protection and the maritime labour.

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RuleCheck – Overview

Check Deficiencies

My Ship Tree • Word Search • Prospective • My Ship EU

Check Deficiencies

Ship's Particular

Name of Ship

EMSA RULE CHECK

IMO Number

0000000

***Ship Type**

Ro-Ro Passenger Ships

***Date**

Keel laying date

05/09/2008

ddmmyyyy

Freeboard Length

Overall Length

Passenger Number

Criteria Selection

Choose One

Search by Deficiency Code

Search by Defective Item

Search by Convention or Code

Search by Deficiency Area / Subarea

Submit

Click here for a new search

This function helps a user find a Convention reference to support any deficiency found during PSC

Check in bold(*) (Ship Type and Construction Date) are mandatory and must be filled in to produce

ds (Gross Tonnage, Deadweight Tonnage, and Passenger Number) do not need to be filled in. This data will further refine the search and will lead to the retrieval of more accurate and detailed check items.

If no Selection Criteria are chosen, the system will indicate all possible deficiencies for this type of ship and age.

By selecting "Deficiency from the list" the user can select a deficiency from the list of existing deficiencies. By selecting "Convention or Code" the user can select a deficiency from the list of conventions and codes. By selecting "Deficiency Area / Subarea" the user can select a deficiency from the list of deficiency areas and subareas. It will finally indicate the deficiency found during PSC.

By changing one of the selection criteria, the user can refine the search. When clicking on a selection in order to view the details of the deficiency, the user can click on the "Details" link.

Note for application

- ICLL: Outcomes
- LSA : New installation, reasonable and practical replacement date.



Selection Criteria:

- Search by Deficiency Code
- Search by Defective item
- Search by Convention or Code
- Search by Deficiency Area/Subarea

- **Ship Type: General Cargo**
- **Gross Tonnage: 1700**
- **Ships Overall Length: 100 m**
- **Construction date: 15.06.2010**

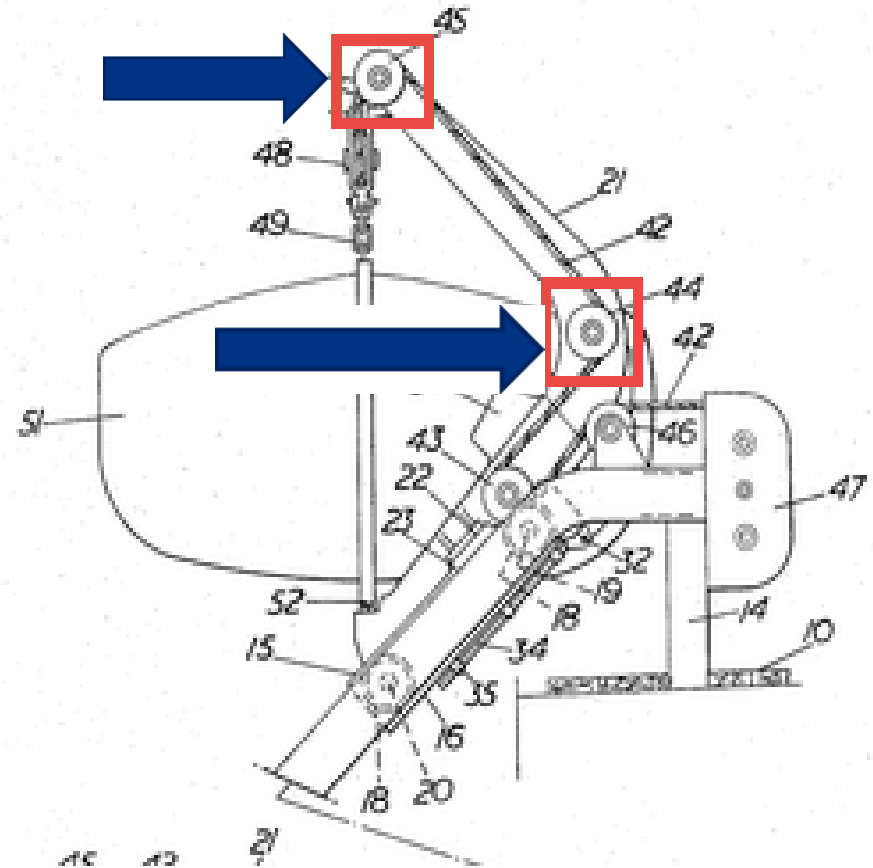
PSC Scenario to find deficiency code and Reference to Regulation

PSC officer findings:

Lifeboat launching arrangements not working properly

Wire rope sheaves are seized.

Lifeboat cannot be safely and promptly lowered to the water.



PSC Scenario to find deficiency code and Reference to Regulation

Check Deficiencies

Ship's Particular

Name of Ship	EMSA RULE CHECK	
IMO Number	00000000	
*Ship Type	Other types of Ships ▼	
*Date	Keel laying date ▼	
	15/06/2010	ddmmyyyy
Date of Enquiry	18/09/2018	ddmmyyyy
Gross Tonnage	1700	GT
Deadweight Tonnage		dwt
Freeboard Length		m
Overall Length	100	m
Passenger Number		P

Criteria Selection




*Defective Item	Launching arrangements for su
-----------------	-------------------------------

Submit

Defective Items	Reference to Regulation
... for survival craft	SOLAS 96/98 Amend / III / Reg. 16 SOLAS 96/98 Amend / III / Reg. 33 LSA 06 Amend / 1 / 1.2 LSA 06 Amend / 6 / 6.1 LSA 06 Amend / 4 / 4.4 SOLAS 11 Amend / III / Reg. 1 LSA 11 Amend / 4 / 4.4 SOLAS 12 Amend / III / Reg. 20

PSC Scenario to find deficiency code and Reference to Regulation

Reg. 20 : Operational readiness, maintenance and inspections

 search  print  PDF

Content : [IMO Instruments](#) ▶ [SOLAS 1974 ***](#) ▶ [SOLAS 2012 Amendment](#) ▶ [Chapter III](#) ▶ [Part B](#) ▶ [SECTION I \(Reg.6~20\)](#)

Prev Amendment ▼

Next Amendment ▼

Title	SOLAS 2012 Amend / Chapter III / Reg. 20
Effective Date	1-1-2014
For Ships Constructed	On or after 1-1-2014 Before 1-1-2020
Invalid from	1-1-2020
Retroactive	Retroactive Requirement for Existing Ships.

Regulation 20

Operational readiness, maintenance and inspections

1 This regulation applies to all ships. The requirements of paragraphs 3.2, 3.3 and 6.2 shall be complied with, as far as is practicable, on ships constructed before 1 July 1986.

2 Operational readiness

Before the ship leaves port and at all times during the voyage, all life-saving appliances shall be in working order and ready for immediate use.

3 Maintenance

3.1 Maintenance, testing and inspections of life-saving appliances shall be carried out based on the guidelines developed by the Organization* and in a manner having due regard to ensuring reliability of such appliances.

* Refer to the Measures to prevent accidents with lifeboats ([MSC.1/Circ.1206/Rev.1](#))

3.2 Instructions for on-board maintenance of life-saving appliances complying with regulation 36 shall be provided and maintenance shall be carried out accordingly.

3.3 The Administration may accept, in compliance with the requirements of paragraph 3.2, a shipboard planned maintenance programme, which includes the requirements of regulation 36.

RuleCheck – Overview

Tree View

OLAS 2012/CHAPTER III/Reg. x

Search

Paris MoU

1. Paris MoU Text :

2. PSSC Instructions :

3. PSC Circulars :

4. IMO definitions of ships types :

5. Tables :

6. Codes for nature of deficiencies :

7. Standard Forms :

8. List of Contacts :

Med MOU :

Black Sea MOU :

EU Legislation

ILO Instruments

IMO Instruments

Conventions :

SOLAS 1974*** :

Amendment Status : SOLAS 1974

SOLAS 2018 Consolidated Edition

SOLAS 1974 Convention Article

Check Deficiencies

Tree View

My Ship Tree

Word Search

Prospective

Search result

Result Count :1

Path	Title
SOLAS 2012 Amend / Chapter III	Reg. 20 : Operational readiness, maintenance and inspections

RuleCheck – Overview

Tree View

SOLAS 2012/CHAPTER III/Reg. 20

Search

Reg. 20 : Operational readiness, maintenance and inspections

SOLAS 2012/CHAPTER

search print PDF

Paris Mo

Med MO

00. T

01. M

02. I

03. M

4.0 M

4.1 S

4.2 M

4.3 L

4.4 T

4.5 S

4.6 A

4.7 B

4.8 I

05. Information system MedSIS :

06. Mediterranean MOU Contact Detail

07. Contact Details of Flag States Auth

08. Mediterranean MOU Committee Po

Black Sea MOU :

EU Legislation

ILO Instruments

IMO Instruments

Conventions :

SOLAS 1974*** :

Amendment Status : SOLAS 197

SOLAS 2017 Consolidated Edition

SOLAS 1974 Convention :

SOLAS 1978 Protocol :

SOLAS 1981 Amendment :

SOLAS 1983 Amendment :

SOLAS 1988 Amendment :

Prev Amendment

Next Amendment

Title	SOLAS 2012 Amend / Chapter III / Reg. 20
Effective Date	1-1-2014
For Ships Constructed	On or after 1-1-2014 Before 1-1-2020
Invalid from	1-1-2020
Retroactive	Retroactive Requirement for Existing Ships.

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4 Maintenance of falls

My Ship Tree

My Ship Tree(My Ship SOLAS, MARPOL, ICLL, IGC, IBC, HSC, MLC)

*Category	<input type="text" value="Choose one"/>	▼
*Ship Type	<input type="text" value="Choose one"/>	▼
*Keel laying date	<input type="text"/>	 ddmmyyyy
Current Date	<input type="text" value="04/09/2018"/>	 ddmmyyyy
Gross Tonnage	<input type="text"/>	GT
Freeboard Length	<input type="text"/>	m
<input type="button" value="Compile"/>		

My Ship Tree

This function provides a user with the customized tree view structure applicable to individual ships.

Input factors with asterisk in bold (*) (Category, Ship Type, and Construction Date) under the Information Input Page are mandatory and must be filled in to produce "my ship tree".

Regulations applicable to individual ships may vary according to those ships' construction date, ship type, gross tonnage (GT), and ship's length (Lf).

The applicable construction date of My Ship Tree is as follows:

- My Ship SOLAS is compiled based on SOLAS consolidated edition.
- My Ship MARPOL is compiled based on MARPOL consolidated edition.
- My Ship ICLL is compiled based on ICLL consolidated edition.
- My Ship IBC is compiled based on IBC consolidated edition.
- My Ship IGC is compiled based on IGC Code consolidated edition.
- My Ship HSC is compiled based on HSC Code consolidated edition.
- My Ship MLC is compiled based on Maritime Labour Convention.

If my Ship Tree does not display the expected requirement, this means that the requirement is part of the Consolidated version and can only be found in Tree View.



RuleCheck – Overview

[Check Deficiencies](#)[Tree View](#)[My Ship](#)[Word Search](#)[Inspection](#)[My Ship EU](#)

Word Search

*Search for

*WITH

*EXCEPT

Show Advanced Search

Search

Word Search

Use "Search for", a user can easily find the documents which contain the exact searched word(s).

Example : *gyro compass* will find documents which includes exact word 'gyro compass', the documents which contains *gyro* and *compass* are not included.

Use "WITH" to restrict the search to documents that contain all the terms.

Example : *gyro WITH compass* restricts the search to documents that contain both these terms.

Use "EXCEPT" to exclude from the search documents that contain certain words.

Example : *gyro EXCEPT compass* allows the documents to be found that contain the word *gyro* but not the word *compass*.

If Word Search retrieves too many documents, the user can use the "Advanced Search" function to narrow down his/her search results.

The "Bottom-up" option of the Advanced Search function allows the user to narrow down the number of documents containing the specific word(s) by inputting ships' construction date, ship type, gross tonnage (GT), and ship's length (Lf).

The "Category" option of the Advanced Search function allows the user to narrow down the number of retrieved documents containing the specific word(s) by confining search category.



Word Search

*Search for

*WITH

*EXCEPT

Show Advanced Search

Search

Search result

Result Count :551

Path	Title
SOLAS 1960 / Chapter III	Reg. 16 : Requirements for Rigid Liferafts
SOLAS 1960 / Chapter III	Reg. 17 : Equipment of Inflatable and Rigid Liferafts
SOLAS 1960 / Chapter III	Reg. 18 : Training in the use of Liferafts
SOLAS 1960 / Chapter III	Reg. 19 : Embarkation into Lifeboats and Liferafts
SOLAS 1960 / Chapter III	Reg. 20 : Marking of Lifeboats, Liferafts and Buoyant Apparatus
SOLAS 1960 / Chapter III	Reg. 25 : Muster List and Emergency Procedure
SOLAS 1960 / Chapter III	Reg. 26 : Practice Musters and Drills
SOLAS 1960 / Chapter III	Reg. 27 : Lifeboats, Liferafts and Buoyant Apparatus
SOLAS 1960 / Chapter III	Reg. 29 : Stowage and Handling of Lifeboats, Liferafts and Buoyant Apparatus
SOLAS 1960 / Chapter III	Reg. 30 : Lighting for Decks, Lifeboats, Liferafts, &c.
SOLAS 1960 / Chapter III	Reg. 31 : Manning of Lifeboats and Liferafts
SOLAS 1960 / Chapter III	Reg. 35 : Number and Capacity of Lifeboats and Liferafts
SOLAS 1960 / Chapter III	Reg. 36 : Davits and Launching Arrangements
SOLAS 1960 / Chapter III	Reg. 38 : Emergency Lighting
SOLAS 1960 / Chapter IV	Reg. 13 : Portable Radio Apparatus for Survival Craft
SOLAS 1960 / Appendix	PS : (Form of Safety Certificate for Passenger Ships) PASSENGER SHIP SAFETY CERTIFICATE*
SOLAS 1960 / Appendix	SE : (Form of Safety Equipment Certificate for Cargo Ships) CARGO SHIP SAFETY EQUIPMENT CERTIFICATE*

Prospective

Search

Effective Date

01/01/2018

~

ddmmyyy

Word Search

Advanced Search

Ship Type

Choose one

▼

Date

Choose one

▼

ddmmyyy

Criteria Selection

Choose One

▼

Submit

Click here for a new search

Check Deficiencies

Tree View

My Ship Tree


Prospective

My Ship EU

Prospective

This function helps a user identify the documents adopted by the IMO and ILO which will have an effective date in the coming years. It will also provide the summary of deficiencies which may result of the entry into force of amended or newly adopted Conventions.

User can input effective date, ship type and Convention among other search filters. The system will indicate the detailed information about the regulation which will be in force. This information will be in line with the MSC, MEPC Resolutions and ILO meeting documents adopting the amendments to the Conventions.



Selection Criteria:

- Search by Deficiency Code
- Search by Defective item
- Search by Convention or Code
- Search by Deficiency Area/Subarea

RuleCheck – Overview

My Ship EU

*Category

*Ship Type

*Keel laying date 

Current Date  ddmmyyyy

Voyage Type

Number of Passengers

Freeboard Length m

Gross Tonnage GT

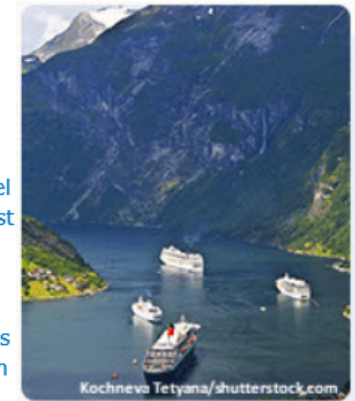
Flag State

Compile

My Ship EU

My Ship EU is similar to the My Ship Tree functionality and provides to the user a customized tree view structure of the applicable EU Directives and Regulations for an individual ship after choosing or inserting the relevant input factors.

The input factors with an asterisk in bold (*) (Category, Ship Type, Keel laying date,) under the Information Input Page are mandatory and must be filled in, to produce the My Ship EU tree view in a structured form that includes the relevant Regulations and Articles applying to an individual ship. Additional filters such as Voyage Type, Number of Passengers (in case of passenger ship search), Freeboard Length, Gross Tonnage and Flag State could be utilized for narrowing down the search results for the user.

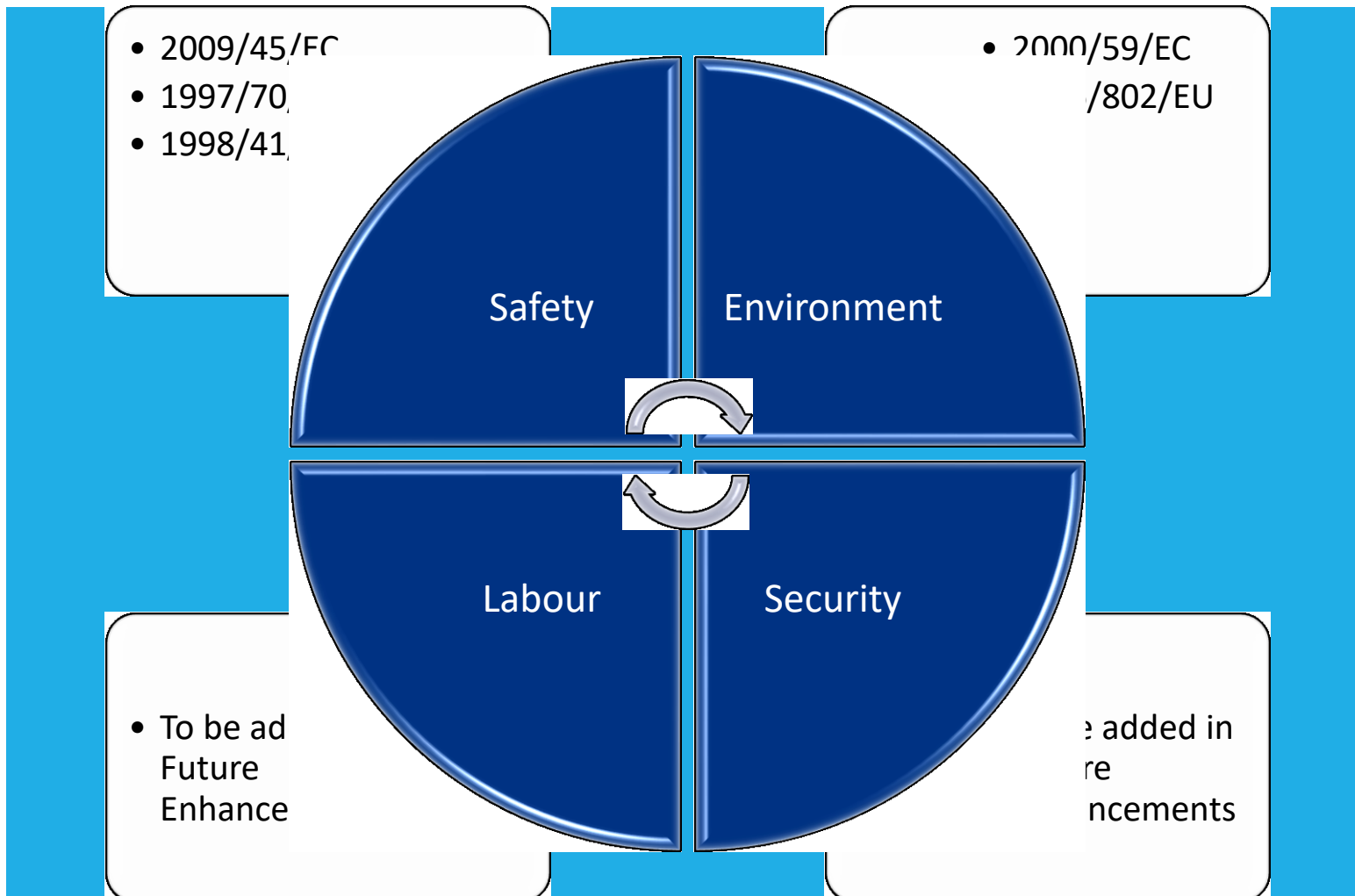


My Ship EU contains the following four Categories based on relevant EU legislation:

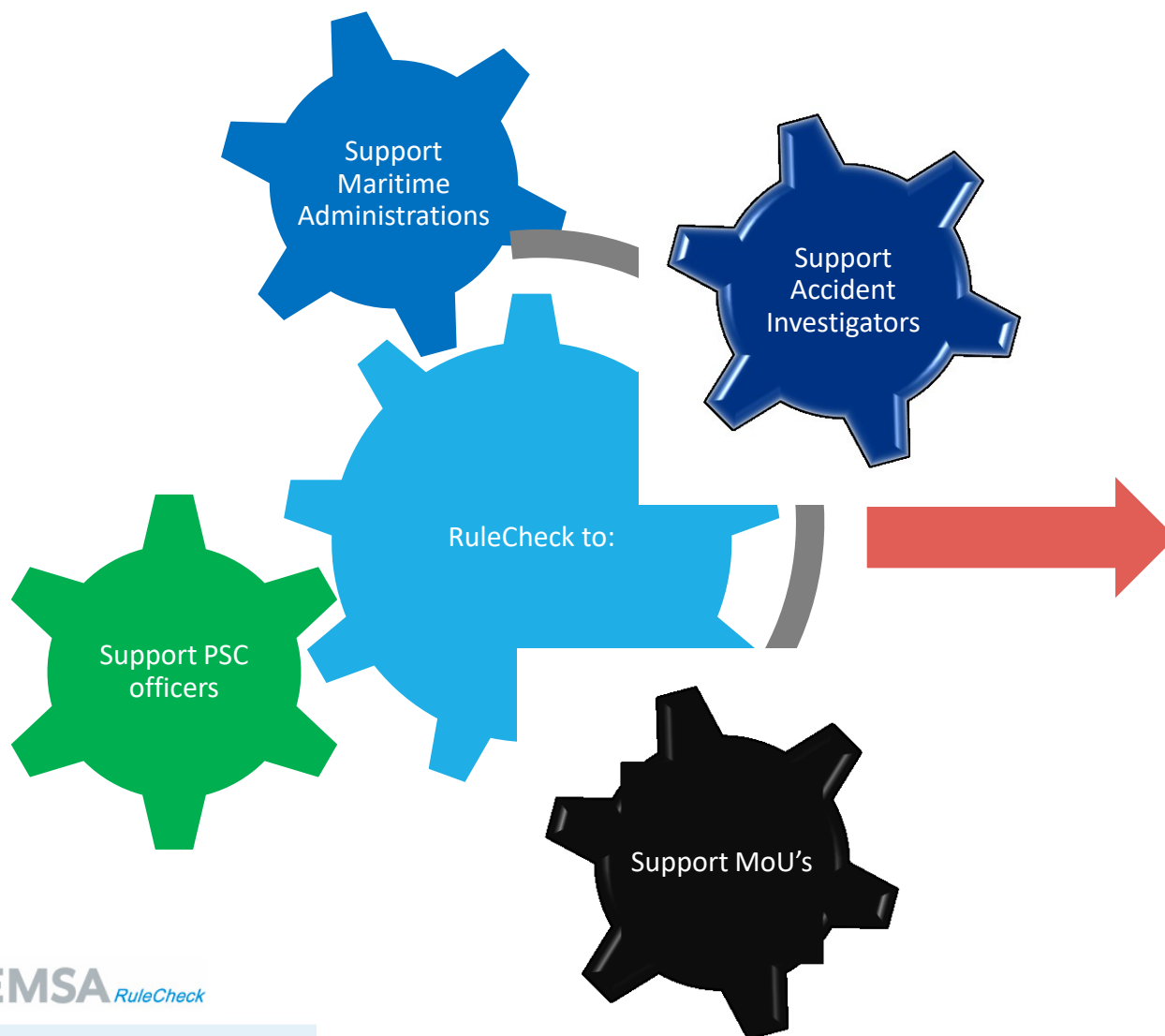
- Safety,
- Security,
- Environment,
- Maritime Labour.

The EU legislation could apply to all or to some of the following cases for the particular ships that are included in the Ship Type function menu in My Ship EU as follows:

- (a) Flying the flag of an EU Member State, engaged on international voyages.
- (b) Regardless of the ship's flag, engaged exclusively on domestic voyages as defined in Article 2 of the Council Directive 98/18/EC.
- (c) Operating to or from ports of EU Member States on a regular shipping service, regardless of their flag.
- (d) Engaged on activities within EU Member State's territorial seas, territory and exclusive economic zone, regardless of their flag.



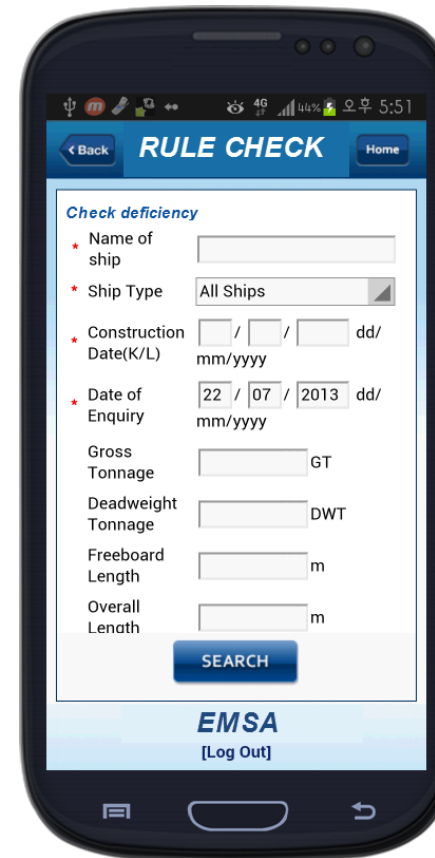
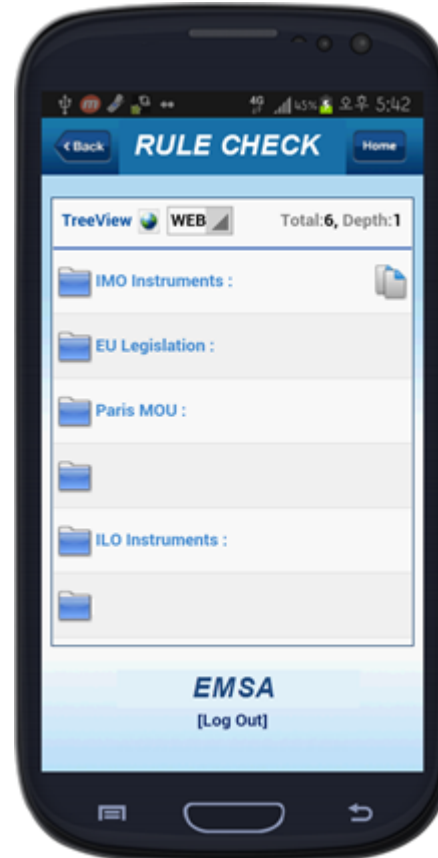
The Added value of RuleCheck



- Improve the harmonization of PSC activities and procedures.
- Improve the Unified interpretation of IMO Conventions.
- Improve the quality of the PSC reports and therefore the quality of the PSC data.
- Better implementation of the relevant legal instruments during the Flag State Control inspections

Possible Future Developments

Development of a mobile app for using RuleCheck.







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