

iala-aism



Mona Lisa 2.0

**Mid-Term Conference
Barcelona, 4-5 November 2014**

IALA

***The International Association of
Marine Aids to Navigation
and Lighthouse Authorities***

Ómar Frits Eriksson
Chairman IALA e-Navigation Committee
Director, Maritime Technology, Danish Maritime Authority

IALA-AISM

*Is an International
Technical Organization,
created in 1957*

Membership

- National
- Associate
- Industrial
- Honorary

Competency : all types of AtoN, physical AtoN, radio AtoN, VTS, AIS, e-Navigation...

... brings together services and organisations that deal with marine aids to navigation

... provides a forum to share expertise



IALA-AISM

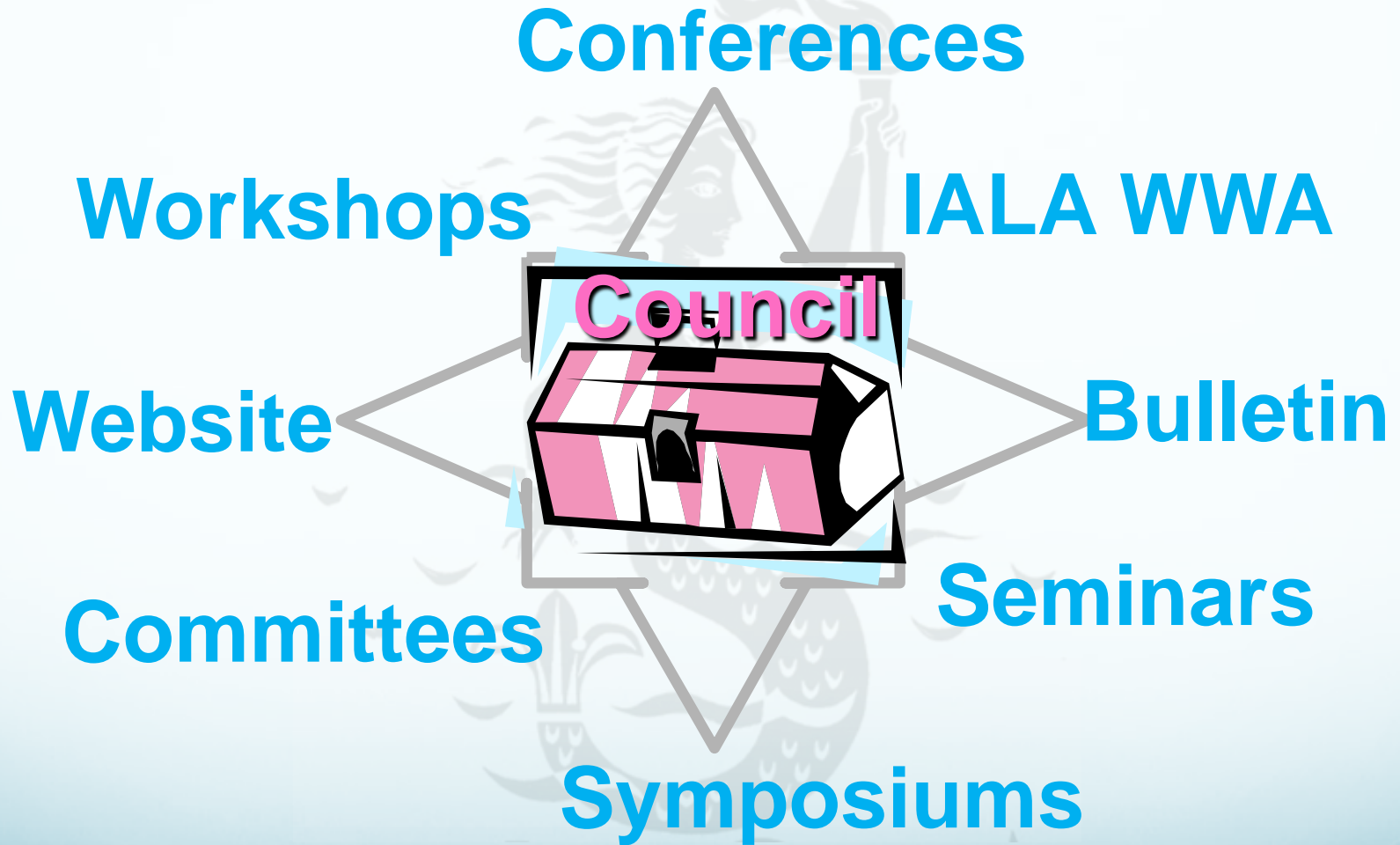
***Today, IALA is an NGO
(a charity under
French Law).***

**A new status
is in preparation
to make IALA an IGO similar to the IHO.**

**The decision was made at the General Assembly
held in A Coruña (Spain) from 26 to 31 May 2014.**



The IALA 'Toolbox'



IALA Committees

- 1) AtoN Management Committee**
 - 2) VTS Committee**
 - 3) Engineering and Sustainability Committee**
 - 4) e-Navigation Committee**
- + Legal Advisory Panel (LAP)
Policy Advisory Panel (PAP)**
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Providing guidance ...



IALA
Documentation

www.iala-aism.org

Recommendations

Guidelines

Manuals

IALA - AISM

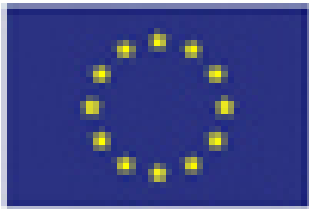
*making rules and recommendations
is one aspect
but delivering knowledge and experience
is also essential.*

***The IALA
World-Wide Academy***



MONA LISA

SECURING
THE CHAIN BY **2.0**
INTELLIGENCE AT SEA



Co-financed by the European Union

Trans-European Transport Network (TEN-T)

Taking maritime transport into the digital age



The vision is to:

shake up and **sharpen** the whole transport chain
by *making real-time information available* to all
interested and authorized parties.

Taking maritime transport into the digital age...

It is called Sea Traffic Management (STM) and
it will change the maritime world.

It is like introducing the Smartphone,
at first no one really knows what they need it for,
and then they cannot live without it.

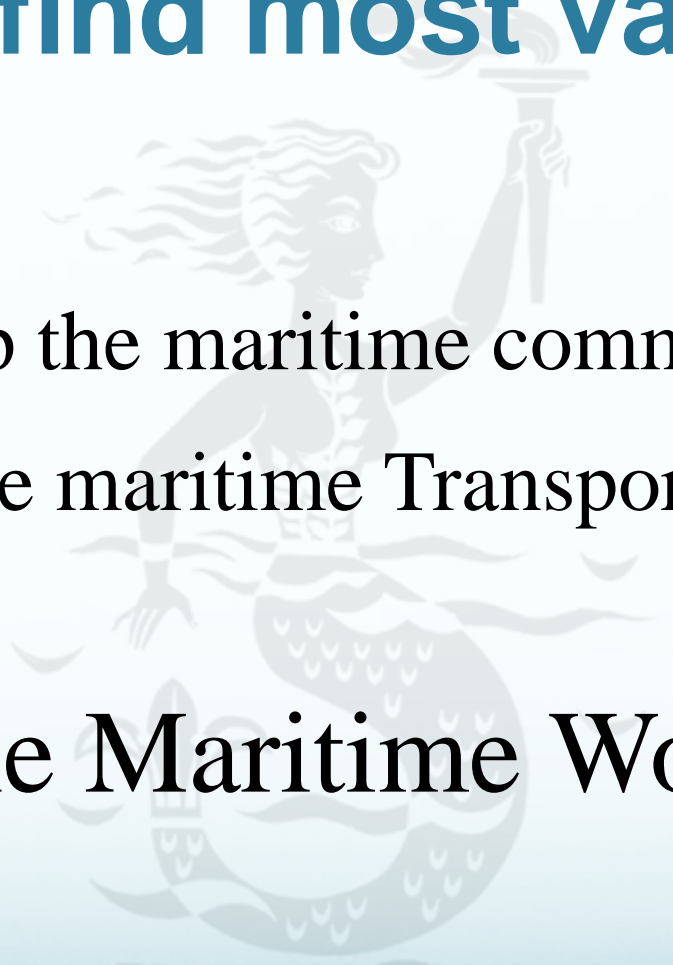
Magnus Sundström

1. Which MONALISA 2.0 results do you find most valuable?

Shaking up the maritime community

Sharpen the maritime Transport Chain

Change the Maritime World



1. Which MONALISA 2.0 results do you find most valuable...

More tangible results:

SWIM Concept (*need to Share* information)

Route Exchange (std's for sharing voyage info)

EU Maritime Simulation Network
(exceptional and unique asset)

2. Do you think STM is important and why?

Yes!

In order to improve *Transport Efficiency*
and *Reduce Risk* in congested waters.

But *the world is not ready for it yet...*

Therefore we need the **Change** of mindset

3. What is the biggest challenge for making STM come true?

Maritime Community is rather conservative

Ship-owners able to see the Business Case?

Must be a global initiative (ship investments)

Must be based on International Standards
(infrastructure)

Contribution to IALA, IHO, IMO in terms of e-Navigation & VTS

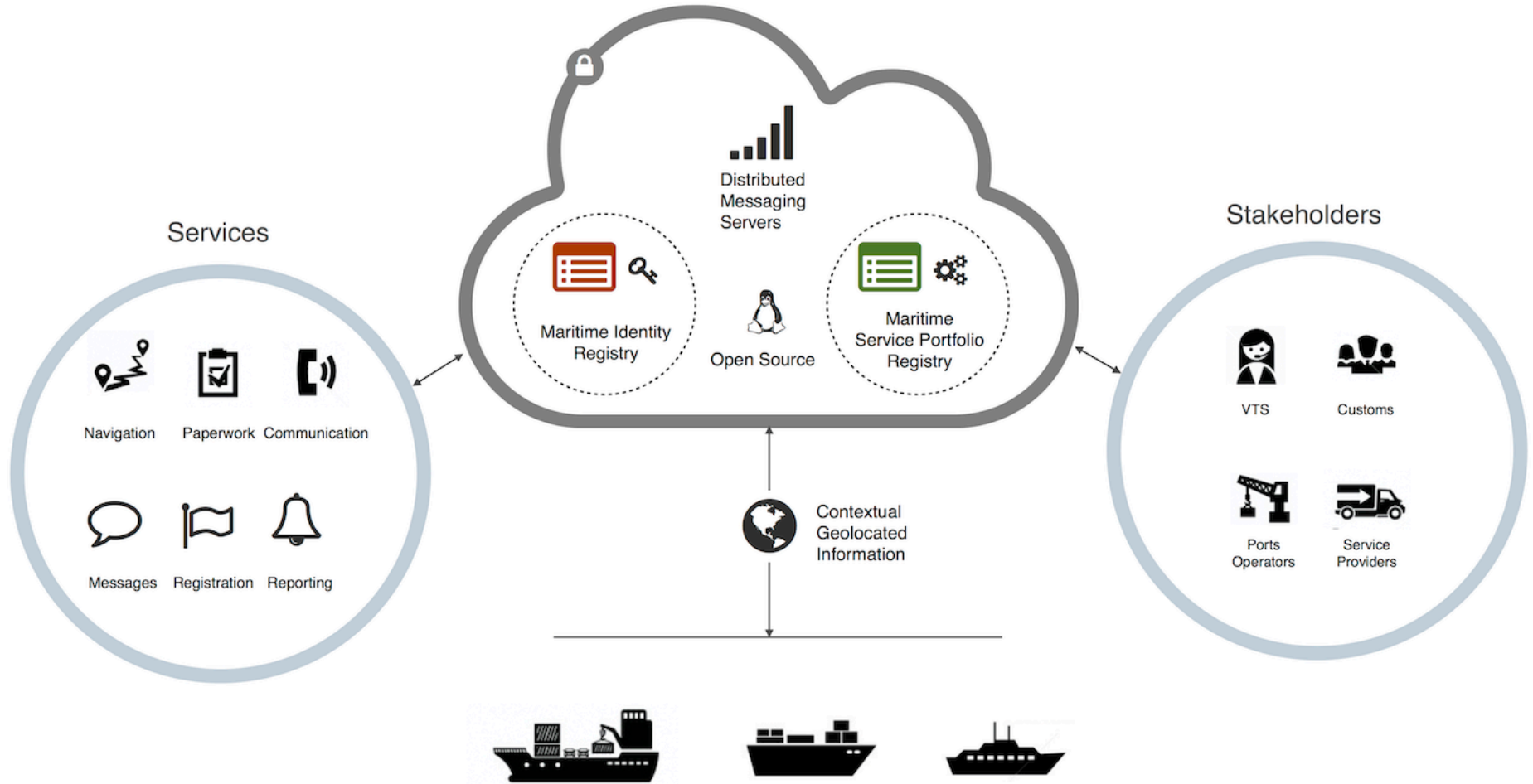
I would like to see more inputs from MONALISA2.0 to IALA ENAV and VTS committees.

Introducing STM will take time, but let's get the International Standards done now.

Lets use the **Maritime Cloud**

as the Global infrastructure framework

The Maritime Cloud



*Logical Infrastructure framework based on Internet Technology
Identity and Service Registry – Geographical Awareness
Utilizes existing Communication Technologies - allows Roaming*

Keep up the good work

The opinion of the EU with a population of 500 million – cannot be ignored.

All partners representing 10 countries (and EU) should speak with one voice in the IMO, supporting e-Navigation and the principles of MONALISA 2.0

While Mona Lisa still is smiling

Let's all shake and sharpen

Let's make a difference for ships sailing

Let's make some change happen