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 Committees

1) AtoN Requirement Management Committee
2) VTS Committee
3) Engineering and Sustainability Committee
4) e-Navigation Committee

+ Legal Advisory Panel (LAP)
  Policy Advisory Panel (PAP)
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
Valuable results

Shaking up the maritime community
Sharpen the maritime Transport Chain

Change in the Maritime World
Valuable results

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)
Sea Traffic Management

Improving *Transport Efficiency* and *Reduce Risk* in congested waters.

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

Need for *Change of Mindset*
Main challenge for making STM come true?

Maritime Community is rather conservative

Ship-owners must see the Business Case

Must be a global initiative

Must be based on International Standards (infrastructure such as the Maritime Cloud)
Dissemination, Dissemination
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.

Let's 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
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 and ITU supporting e-Navigation and the principles Developed by 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*
Something has changed!

We made Mona Lisa keep on smiling
We have all shaken and sharpened
We made a difference for ships sailing
Some change has already happened!

and the show must go on....