

IALA - International Association of Marine Aids to Navigation and  
Lighthouse Authorities  
10 rue des Gaudines, 78100 St Germain en Laye

23-11-2021

**Our reference:**

Case 2021103838

Office

/Peter Dam

Dear Francis

With reference to Circular Letter 17/2021 11 October 2021 and according to article 4.3.3 of the General Regulations I hereby on behalf of the Danish Maritime Authority submit a paper for IALA Council 74 regarding “National Matters”. We have the pleasure to inform the IALA-Council regarding two points, which are seen below:

DMA Regulatory Future Lab

New technologies and solutions are evolving faster than regulation can keep up with, which is often a barrier for first movers. To break down the barriers, the Danish Maritime Authority has now established the DMA Regulatory Future Lab.

The DMA Regulatory Future Lab introduces a new framework and new methods for approving innovative solutions to the challenges facing shipping. If an inquiry for approval of new technologies, designs, operations, etc. challenges the current regulation, it can now be managed in Future Lab. Here, solutions are found in collaboration with the ship owner, designers, classification society, consultants, etc.

MASS (Maritime Autonomous Surface Ship) and digitalization in the maritime domain are focus areas in the DMA, and we are working continuously on conditions, which can ensure competitive, sustainable and innovative framework conditions for the maritime industry and at the same time ensure and maintain a high level of safety in all activities. By the introduction of Future Lab, we can bring our collaboration with the maritime industry to a new level, and be a more active partner in the evolution that shipping is undergoing.

The DMA strongly recognizes that the focus on digitalization and MASS in IALA has been strengthened. The development of MASS will bring changes to shipping, port operations and the safety of navigation, and it is important to assess and discuss its impact on IALA related services at an early stage of its development.

We believe that IALA has a very important role in the digital transformation, and that relevant IALA publications can contribute to the

**DANISH MARITIME AUTHORITY**

Caspar Brands Plads 9

DK-4220 Korsør

Denmark

Tel. +45 72 19 60 00

CVR-no. 29 83 16 10

EAN-no. 5798000023000

[dma@dma.dk](mailto:dma@dma.dk)

[www.dma.dk](http://www.dma.dk)

MINISTRY OF INDUSTRY,  
BUSINESS AND FINANCIAL  
AFFAIRS

work in DMA Regulatory Future Lab. The development of appropriate IALA Standards, Guidelines and Recommendations are essential, as well as the work with common terminology and standards for communication, ship reporting and data exchange, between MASS and various stakeholders.

As MASS involves work programs across all IALA technical committees, we welcome the established cross committee MASS Task Group, in which we had the pleasure to participate in the first meeting in August 2021.

Denmark's maritime spatial plan

The Danish Maritime Authority has now published Denmark's first maritime spatial plan on <https://havplan.dk/en/page/info>

The maritime spatial plan is to form the basis of the coordination of the many uses of Denmark's sea area in a manner that can support the conditions for sustainable growth in Blue Denmark. The maritime spatial plan establishes which sea areas in Danish waters can be used for, inter alia, offshore energy extraction, shipping, fishing, aquaculture, seabed mining and environmental protection towards 2030.

The maritime spatial plan creates more safety for maritime businesses and better predictability of the uses of the sea and the impact on the marine ecosystems.

The working group on maritime spatial planning has representatives from 17 authorities in Denmark with activities and responsibilities at sea or along the coastline.

The Danish Maritime Authority would like to highlight the good IALA guidance available on the subject including “Recommendation R1010, The involvement of maritime authorities in marine spatial planning” and guideline “G1121, Navigational Safety within marine spatial planning”.

Yours sincerely



Niels Peter Fredslund  
IALA-Councilor