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| CALL FOR ABSTRACTS |
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### THE SYMPOSIUM STEERING COMMITTEE INVITES IALA MEMBERS TO SUBMIT ABSTRACTS

The Symposium Steering Committee invites IALA members and other interested parties to submit abstracts of proposed presentations for the VTS-ENAV Symposium, on any of the topics listed, or on any other topic considered to be in alignment with the theme of the Symposium.

Authors should provide abstracts of approximately 200 words, in English language. Each abstract should include the author’s name and contact details.

The abstracts should be submitted by 31st May 2019 by filling in the form at Page 2 of this document.

marzo de 2017.

### Topics to be preferably addressed

1. **Organisational and legal challenges**

International obligations and regulatory challenges / limitations

VTS beyond current boundaries

Balance between VTS Competent Authority and VTS Authority

Future scope of VTS in a changing maritime domain

1. **VTS in a digital world**

Digitalisation opportunities for VTS, including maritime services in the context of e-navigation

Digital solutions for VTS operations

Role and position of the VTS in the logistic chain

Consequences of the digitalisation of VTS

VTS and cyber-threats

1. **Navigation safety, efficiency and security in a connected world**

Effects of globalisation of shipping and development of other services

Potential solutions to reduce the administrative burden aboard and ashore

Results of testbeds of maritime services in the context of e-navigation

1. **VTS qualifications, training and certification**

Competencies for VTS personnel in the future VTS

Establishing globally harmonised VTS training

Virtual reality and artificial intelligence in VTS training

1. **VTS and MASS – Responsibilities and consequences**

Autonomous, unmanned and / or remotely controlled ships in a VTS area

ABSTRACT SUBMISSION

**Topic No.: …. or**

**proposed new topic: ………………………………………**

AUTHOR:

**Title (Mr, Ms, Capt, etc.) :**

**Family name:**

**Surname:**

**Organization/company:**

**Position within the organization/company:**

**Postal address:**

**Telephone (including country and area codes)**

**Office: ……………………………………………. Mobile: …………………………………**

**e-mail(s):**

ABSTRACT:

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| **PLEASE RETURN TO** **contact@iala-aism.org** **by 31st May 2019** |