

Our date
4 December 2024

Our reference
24-00090-78

Ulrika Borg, +46104784904

Your date
22 August 2024

Your reference
Circular Letter IGO
2024/01

IALA
Secretary-General Francis Zachariae
secgen@iala-aism.org

Dear Secretary-General,

**Declaration of candidacy for IALA Council for 2025-2027,
Sweden**

In accordance with Article 7.7 (d) of the IALA Convention and Article 3.5 of the General Regulations of the association mutatis mutandis, I have the honour to inform you that I have been authorized to present Sweden, as a candidate for the election to the Council of the International Association of Marine Aids to Navigation in February 2025.

The attached statement sets out the background to this nomination.

Should Sweden be elected the Member State will be represented at Council meetings by

Swedish Maritime Administration
Head of business area Construction and Engineering.
Mr Johan Winell

SE-602 28 Norrköping Sweden
johan.winell@sjofartsverket.se

A statement setting out the suitability of Mr Winell for the role is attached.

Best regards,



Erik Eklund
Director General Swedish Maritime Administration

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Statement setting out the suitability of Mr Johan Winell

Mr Johan Winell
Head of business area Construction and Engineering
Infrastructure Department
Swedish Maritime Administration



Mr Winell has a background as an engineer. He has 25 years of experience within the field of maritime technology and a broad knowledge within hydrography, maritime radio- and navigational systems, VTS-systems as well as AtoN/fairway management. Mr Winell has within IALA as an NGO worked with the ENAV Committee (now DTEC) for a number of years which makes him familiar with the IALA organization and the procedures of its work.

Mr Winell has been employed at the Swedish Maritime Administration in two periods.

- 1991-1998 within the field of hydrography as a chart engineer, but also as a hydrographic surveyor and within the development of the remote-sensing technology Lidar survey system.
- 2006-2011 as a systems engineer in the field of maritime radio- and navigational systems and VTS-systems.
- 2012-2017 as head of systems engineering at the business area construction and engineering with responsibility for maritime shore systems and electrical installations in fairways and facilities.
- 2017 - to date as head of business area Construction and Engineering which includes the Swedish Maritime Administration's maritime shore systems, approximately 8000 AtoN:s and fairway maintenance and management.

Mr Winell did his military service as a surveyor assistant onboard a military survey vessel prior to his first employment at the Swedish Maritime Administration.

Mr Winell has also worked at the Swedish aerospace and defense company (SAAB) for a period of five years, in the field of anti-ship missile, the field of pre-flight mission planning systems and flight simulator development.

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Mr Winell has created a broad network nationally and internationally including actors within harbour management, various maritime suppliers and within R&D in the maritime field.

Mr Winell holds a Master of Science in Media Technology acquired in 2001 and a Master of Science in Quality Management acquired 2023. Mr Winell is also an experienced sailor, who navigates in the Baltic Sea during the summer times.

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Credentials of Sweden

As a firm believer in the objectives and work of IALA, Sweden is a long-standing and active member State (former national member) with many years of experience of the strategic work within Council.

If elected to the IALA Council, Sweden will in particular continue to promote a more digitized, sustainable and safe maritime sector through improvement and harmonization of aids to navigation. Sweden will also work to ensure good governance of IALA.

As a country located in the very northern part of the hemisphere with a long coastline, few land borders, a large archipelago and winters with arctic conditions, Sweden holds a long tradition as a maritime nation and is greatly depending on seaborne trade. Approximately 90 percent of Swedish imports and exports are carried by sea, shipping and ports being therefore of vital importance for the entire Swedish society. As a nation invested in and dependent on the maritime sector, Sweden would be honoured to, as a Member State serve in the IALA Council.

Sweden has a coastline of approximately 2 000 km and the Swedish Maritime Administration (SMA) is responsible for approximately 7 900 AtoN's and 1 100 lighthouses. As responsible authority for maritime infrastructure the SMA is responsible for several major fairway projects with the ambition to develop and improve fairway design in a modern, safe and sustainable way.

Sweden has ratified the Kuala Lumpur Convention (IALA Convention) and has fully supported the transition of IALA from a non-governmental Organization (NGO) to an inter-governmental Organization (IGO), which will strengthen IALA's mandate in enhancing international development and harmonization of marine AtoN.

According to the political direction in the digitization strategy of Sweden, the overarching goal is for Sweden to be the best in the world in using the possibilities of increased digitalization. Therefore, it is an aspiration for Sweden to actively participate within IALA in order to both develop and contribute with knowledge in this area. The goal of digitalization also suits very well together with Sweden's ambitious goals of decarbonization as digitalization might be a partial solution to the rising levels of greenhouse gases.

Sweden participates in the work of IALA's committees and working groups and contributes directly to the development of harmonization through standards and recommendations, as well as handling their implementation in the exercise of the authorities' mandate. As a Member State Sweden will continue to contribute to IALA's work within the maritime domain.

The development of positioning, research and innovation technology related to maritime safety devices has always been a focus area for the Sweden. The perhaps

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most well-known innovation originating from Sweden is the AIS transponder, which is now an extremely important data collector in shipping as well as a maritime safety device. Sweden has also brought forward ideas such as the Racon, mass production techniques for lighthouse manufacturing and the Dalén light, all of which have been and are important innovations within the IALA domain. Sweden will, of course, strive to continue to promote innovation of the same magnitude within the cooperation of the IALA domain in years to come.

Sweden has been a driving force and main actor in development of Sea Traffic Management, which will drive maritime safety into a new dimension. 1 role in the future when it comes to developing maritime safety together with the members of IALA.