



KYSTVERKET
NORWEGIAN COASTAL ADMINISTRATION

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	2021/1623-85		Jeanette Assev-Lindin	03/02/2025

Nomination of Guttorm Tomren for ARM Committee Chair 2025-2027

We refer to IALA's Circular Letter 2025/01, dated 8 January 2025, in which Member States are invited to nominate candidates for the vacant positions of Chair or Vice-Chair in IALA committees and subsidiary bodies. The deadline for submission is 10 February 2025.

Norway would like to nominate Guttorm Tomren for the position of Chair of the ARM Committee for the 2025–2027 term.

Guttorm has extensive and broad experience within the Norwegian Coastal Administration, as well as significant experience working with IALA.

Attached is a résumé outlining his expertise, background, and motivation for contributing to the improvement and harmonization of Marine Aids to Navigation.

Best regards

Arve Dimmen
Director Navigation Technology and
Maritime Services

Jeanette Assev-Lindin
Senior Adviser

This document is approved by electronic signature

Copy to:
NÆRINGS- OG FISKERIDEPARTEMENTET

Postboks 8090 Dep

Attachments: Résumé - nomination, Guttorm Tomren, ARM Chair

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All mail and e-mail should be addressed to Kystverket, not to any unit or individual



To whom it may concern:

**Application for position as ARM Chair 2025-2027 -
Guttorm Tomren, Senior adviser, Norwegian Coastal
Administration**



Member states are invited to nominate candidates for vacant positions in the IALA committees. One of these positions is the ARM Chair. Text below outlines the background for my application.

Background with IALA:

I have been a member of the ARM Committee since 2013, and as chair of WG1/WG2 since 2016. The work at IALA has been challenging and rewarding. To be able to meet and learn from fellow colleagues in similar roles is an important motivation for participating in the development/revisions of IALA documents. We then apply this knowledge in our daily work within the NCA. Hopefully we also bring knowledge and experience from Norway to other nations. The fellowship with other WG chairs, the ARM Chair and the ARM vice-chair is also a rewarding experience within my work at IALA. Since 2016 I have also participated in meetings with IHO, as an IALA liaison/rapporteur regarding issues with portrayal of AtoN in electronic charts (ENC).

Background with NCA:

I joined NCA in 2010 and have acted as the Head of section AtoN since 2013. This is a position overseeing all budgets and plans for renewal & maintenance of AtoN. This also includes establishing new AtoNs where applicable. During this period, the NCA has conducted several larger projects, like standardization of sector lights, standardization on LED and remote monitoring. In addition, new models of AtoN have been developed, and more are underway, with the objective of providing high performance at a lower life-cycle cost.

Background prior to NCA:

My background is as a certified Master mariner and have experience from seagoing service world-wide with chemical tankers and crude oil carriers. In the first years, I worked at large fishing vessels, mainly at Svalbard, Barents Sea and Greenland. I then completed a M.Sc degree in nautical engineering at NTNU Trondheim, with a thesis in DP systems. Finally, I worked 10 years in marine industry (Furuno Norge) prior to NCA, where I was involved in an international task group for developing integrated bridge equipment. In addition, I was closely involved in the development of bridge equipment due to new offshore vessels requirements, particularly ECDIS.

Motivation for applying:

Since 2016 I have been actively involved in addressing issues related to portrayal of AtoN in ENC. During this time, I have recognized the need for enhanced collaboration between IALA and other organisations, particularly IHO. Over the past few years, I have expanded my network within both IALA and IHO, and I have also gained more knowledge during the IHO/IALA workshops in Aalesund 2022/Annapolis 2024.

My tenure as WG1 Chair has provided me with valuable insights into ongoing work at IALA, which I believe positions me well to take on the role of ARM Chair. I view this opportunity as a natural progression in my contributions to the IALA committees.



M P A
SINGAPORE

Maritime and Port Authority of Singapore
460 Alexandra Road mTower #19-00 Singapore 119963
Tel: (65) 1800 272 7777
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3 February 2025

Mr Francis Zachariae
Secretary General
International Organization for Marine Aids to Navigation
10 rue des Gaudines
78100 Saint Germaine en Laye
France

Dear *Francis*,

REPUBLIC OF SINGAPORE'S NOMINATION OF VICE CHAIR FOR THE DIGITAL TECHNOLOGIES COMMITTEE FOR THE WORK PERIOD 2025-2027

In accordance with the draft General Regulations Article 10.3 and 10.4, Singapore has the honour to nominate Mr Dennis Khoo, Chief Technology Officer and Director (Maritime Systems and Technology) of the Maritime and Port Authority of Singapore, for the position as the Vice Chair of the Digital Technologies Committee (DTEC).

2 Dennis has contributed actively towards DTEC and e-Navigation Information Services and Communications Committee (ENAV) proceedings over the past five years, and at all editions of DTEC since its inception in September 2023. He has led delegations to present and share Singapore's initiatives in incident management, VHF Data Exchange System (VDES), Maritime 5G and automated near-miss incident identification at DTEC plenary sessions and working group meetings. With his experience in systems engineering, master planning, systems architecting and programme management accumulated in his more than 20 years in the Singapore public service, including his most recent ones at MPA, he is well-positioned to contribute his knowledge and expertise to DTEC.

3 Dennis is currently the Vice Chair of Working Group 2 (WG2) under the DTEC since September 2024. Despite it being his first session as WG2 Vice Chair, he was instrumental in leading the smooth conduct of the WG2 proceedings. Under his guidance, MPA's work task to develop a "discussion paper on digitalisation in the scope of IALA", as identified in the 2023-2027 IALA Committee Work Programme approved by IALA Council 79, gained much attention at DTEC for its ambition and impact. One notable highlight of his DTEC contributions to date would arguably be the finalisation of the IALA Maritime Communications (MARCOM) Manual under the joint leadership of WG2 Chair, WG2 Vice-Chair and Task Group Leader (Ernest Batty), given that the MARCOM manual was only the 4th manual that IALA has published since its inception, but the 1st under her new Intergovernmental Organisation status, adding to the likes of the IALA Aids to Navigation Guide (NAVGUIDE), the IALA Vessel Traffic Services (VTS Manual) and the IALA Complementary Lighthouse Use (CLU) Manual.

4 In addition to his professional qualifications and experience, Dennis is already well known to the IALA Community. With his approachable demeanour and constructive attitude, I am confident he will be an asset in bringing Member States together during various technical discussions.

5 Please find enclosed to this letter the curriculum vitae of Dennis for consideration.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Teo Eng Dih', with a stylized, cursive script.

TEO ENG DIH
CHIEF EXECUTIVE
MARITIME AND PORT AUTHORITY OF SINGAPORE

CURRICULUM VITAE

Dennis KHOO (Mr.)

M. Eng (Electronics, Signal Processing and Telecommunications)

Mobile: +65 9139 8863

Email: dennis_khoo@mpa.gov.sg

LinkedIn: khoodennis

PERSONAL PROFILE

Engineer by interest, training and execution, with experience in master planning, systems architecting, capability development, project management and programme delivery.

Manager through practice, tribulations through conviction, with proficiency in time management, stakeholder management, and the holy trinity of cost, performance and schedule management.

Leader who is striving to bring my team members to new growth areas and help them fulfil their greatest potential.

CURRENT PROFESSIONAL EXPERIENCE

- **Chief Technology Officer at Maritime and Port Authority of Singapore (MPA)**
 - ❖ Developing strategies through technology foraging to position MPA at the forefront of maritime innovation in navigational safety at the international stage.
 - ❖ Orchestrating delivery of multi-disciplinary innovations while ensuring interoperability between existing and future systems.
 - ❖ In-depth understanding of architectural considerations on how system design, analysis and integration impacts performance, availability and resiliency.
- **Director of Maritime Systems and Technology at MPA (concurrent appointment)**
 - ❖ Spearheading capability development and system management efforts for MPA's mission-critical command and control, communications, sensors and autonomous systems
 - ❖ Imbuing sound system engineering knowledge of standards, regulations and guidelines based on information exchange and interoperability requirements
 - ❖ Institutionalising robust reliability, qualification and evaluation concepts to help teams proactively manage obsolescence throughout system lifecycle

CAREER HIGHLIGHTS

- In the two years prior to joining MPA, I was **Deputy Director (Ops-Tech Group) at the Ministry of Home Affairs (MHA)**, and concurrently **Head (Surveillance & Sensemaking) at the Defence Science and Technology Agency (DSTA)**, where I deepened system engineering competencies and participated in front-end studies, master planning and systems architecting work for MHA, notably their next generation Command, Control, Communications, Computing and Information (C4I) systems and their Home Team Operations Centre.

- Serving as the **Assistant Director (Planning & Control)** for both **National Security Programme Centre (PC)** and **Networked Systems PC at DSTA** for nearly three years, I concurrently assisted two PC Heads in overseeing all operational, human resource, business planning, budgeting, governance, performance management and management reporting matters of the respective PCs to ensure smooth day-to-day operations.
- My five years as **Programme Manager in Advanced Systems PC and Networked Systems PC at DSTA** were dedicated towards leading multi-disciplinary in-house teams and defence ecosystem stakeholders to manage the acquisition of large-scale advanced communications systems (total value >\$500mil) for the Ministry of Defence, as well as towards coaching of multiple project teams to design, implement, enhance and upgrade various communications systems to meet stringent user requirements.
- To broaden my perspectives, I took on a two-year concurrent appointment as an **Investment Manager at Cap Vista Pte Ltd** where I scoured, evaluated and recommended new and emerging communications technologies for potential investment opportunities, and where I managed the investment portfolio of a fuel cell start up.
- I started my career as an **Engineer** in the Communications Experimentation Centre at DSTA, which allowed me to work on cutting edge communications technologies and projects, including a two-year stint as a **Manager for Capability Development** in the Defence Industry and Systems Office at the Ministry of Defence.

KEY PERSONALITY TRAITS

- A Meticulous, Driven and Diligent Team Player

EDUCATIONAL BACKGROUND

- Graduated from the École Spéciale de Mécanique et d'Electricité (**ESME Sudria**), Paris, France in 2002 with a **Master of Engineering** in Electronics, Signal Processing and Telecommunications (Specialisation in Signal Progressing)

CHARACTER REFERENCE

- Mr Tsoi Mun Heng, Vice-President (Planning), Singapore Institute of Technology



Department for Transport

Francis ZACHARIAE
Secretary-General
IALA
10 Rue des Gaudines
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FRANCE

By e-mail: secgen@ials-aism.org

Dave Whyte CMILT MTPS ACIRO
DEPUTY DIRECTOR MARITIME PEOPLE & SAFETY &
UK HEAD OF DELEGATION TO IALA
DEPARTMENT FOR TRANSPORT
33 HORSEFERRY ROAD
LONDON SW1P 4DR
DIRECT LINE: +44 (0) 7825 088954

Dave.Whyte@dft.gov.uk

22 January 2025

Dear Secretary-General,

United Kingdom Nomination of Captain Philip Day for Chair of the Policy Advisory Panel for 2025-27

Thank you for IALA's Circular Letter 2025/01, of 8 January 2025, seeking nominations from Member States for Chairs and Vice Chairs of the Committees and Subsidiary Bodies for the Work Period 2025-27.

The United Kingdom wishes to nominate Captain Phillip (Phil) Day as its candidate for the role of the Chair of the Policy Advisory Panel (PAP).

As you, the Secretariat and representatives of Member States are aware, Phil Day is a highly committed and motivated maritime professional who has been on the frontline of the delivery of IALA's vision for over 17 years. He made a significant contribution as the Chair of the Aids to Navigation Requirements and Management (ARM) Committee, driving forward the practical delivery of IALA's aim and objectives. Through this work, he has built a strong global network and is held in high esteem by colleagues from across the IALA membership and other international bodies for his dedication and ability as well as his, collegiate and collaborative style which ensures that all voices are heard.

PAP will be vital to enabling IALA to build on its many successes and ensuring it further enhances its reputation and capabilities under its new status as an inter-governmental organisation. The United Kingdom believes that Phil Day will provide the unbiased helicopter view that is necessary for PAP to ensure effective coordination and communication between the Committees and to provide the required level of support to the Secretariat, Council and ultimately the General Assembly. His proven track record and experience as Chair of ARM has given him an unrivalled apprenticeship for the Chair of PAP and this will enable him to guarantee that PAP fulfils its vital crosscutting remit for the benefit of all IALA Members.

A brief Curriculum Vitae is attached.

I would be grateful if you could acknowledge receipt and do not hesitate to contact me should you require any further information.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'D Whyte', with a stylized flourish at the end.

Dave Whyte
UK Head of Delegation
Department for Transport

Captain Phillip James Day

Tel: 07785 300 366 email: phil.day@nlb.org.uk

A highly experienced and globally respected Maritime leader with a proven track record in senior operational and managerial roles who has successfully delivered major transformational programmes and positive cultural change to ensure effective core services provided by happy and motivated people.

Key Competencies

- Master Mariner with Command experience
- Navigational safety
- Inclusive and motivating Leadership
- Emotional Intelligence and empathy
- Stakeholder engagement and management
- Organisational Change
- Management of Complex projects
- International Engagement
- Working with Government
- Risk Management
- Continuous Improvement and Quality Management Systems

Career History and Achievements

Director of Operations Northern Lighthouse Board

2016 – Present

Key Responsibilities:

- Leadership of coordinated and centralised operational planning
- Delivery of Lighthouse planned maintenance and fault rectification
- Operation and management of satellite Engineering teams
- Programme Management of all estate and vessel projects. SRO for Lighthouse Projects
- Project Management of the £52 million vessel replacement project
- Leading the mitigation and adaptation required to respond to Climate Change and associated Government Net zero targets.
- Governance Board, Navigation and Operations, People, Audit and Risk, and HSE committee member.
- Safe operational delivery, crewing and maintenance of NLB vessels; NLV Pharos and NLV Pole Star
- Delivery and management of NLB contract helicopter service, and following the re-procurement as a tri GLA contract, acting as the GLA Contract Manager
- Operation and maintenance of NLB's multi-function support base in Oban
- Delivery of the NLB buoyage network
- Superintendence of NLB and third party AtoN across Scotland and the Isle of Man including Ports Harbours, Aquaculture, Oil & Gas and Renewables; statutory consultation for all Marine Licences
- Chairing tri GLA Operations Committees on a three-year rotation, and delivering for NLB tri GLA strategy, AtoN Reviews (3), Fleet Reviews (3), Buoy Yard reviews (1) and GLA review (Atkins)
- Strategy, corporate plan, board reports and annual report development and review.
- Navigational Assessor and member of the Navigation Committee
- Introduction of Asset Management approach to estate care

Achievements

I have successfully delivered significant organisational change, in terms of governance, empowerment, improved performance and, importantly, boosted staff morale and commitment. With my Executive colleagues, I led the upfront planning and delivery of the broader organisational strategy for improvement, including driving cultural change, introducing team values, improved planning and cost control, implementing a risk-based approach and bringing much needed focus on the Climate Emergency. I set the strategic approach for a Vessel Replacement Project in terms of requirement, governance and

procurement. I led and set the pace for the negotiations with industry resulting in a successful contract award with a quality shipyard.

International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) 2007-Present

I was actively and extensively involved in committee work as chair (2010-2023) of one of the four technical committees (ARM committee) and a member of the Policy Advisory Panel. Responsible for ensuring the four-year work program is planned and delivered in a democratic, inclusive and consensus-based environment, whilst navigating international differences. I have developed an extensive and positive network of international colleagues including strong links with the IALA leadership. My international peers supported my continued position as chair over three successive work programmes: testament to my collegiate and effective approach to this task. Working with other maritime and technology based IGOs including IMO and IHO I have gained a broad understanding of current and future AtoN and vessel navigation technologies and, associated international and governmental policy and strategy.

Trustee - Scottish Nautical Welfare Society **2017- Present**

The SNWS is a Glasgow based charity that supports ex seafarers who face financial difficulties or who are in need of companionship and fellowship.

Marine Team Leader - BP Exploration **2004 – 2007**

Leading the Marine staff at a strategically important UK petro-chemical facility to manage round the clock operations ensuring the safe transfer of high-risk cargo, protect BP's commercial interests and protect the environment.

Master - Northern Marine Management **1998 – 2004**

Master (2000-2004) on a state-of-the-art Texaco owned Dynamic Positioned, ECDIS equipped, Shuttle Tanker, operating between North Sea Floating Production Storage and Offtake facilities and oil terminals across the UK and Northern Europe. Initially Chief Officer/Senior Dynamic Positioning Operator.

Deck Officer Various ranks -Royal Fleet Auxiliary and BP **1986 – 1998**

Initially served as 2nd Officer before quickly being promoted to Chief Officer on VLCCs operating worldwide.

Professional Memberships

The Corporation of the Trinity House of Leith –established in 1398 Trinity House of Leith is a Fraternity organisation of Master Mariners with a charitable and education focussed history and aims - elected a member in 2017



Mr. Francis ZACHARIAE

Secretary-General

International Organization for Marine Aids to Navigation (IALA)

Ankara, 7 February 2025

Subject: Declaration of Candidacy for the Position of Vice Chair of the Policy Advisory Panel (PAP) for the Work Period 2025-2027

Your Excellency,

I am reaching out regarding Circular Letter 2025/01 dated January 8, 2025. As a member of the IALA Council since 2006, the Republic of Türkiye is dedicated to furthering support for the Organization's Committees and subsidiary bodies.

In this context, I am honoured to officially nominate Captain Mr. Serhat AYTUGEL, Deputy Director General of the Directorate General of Coastal Safety, as a candidate for the vacant Vice Chair position on the Policy Advisory Panel (PAP).

I recognize that the Policy Advisory Panel plays a crucial role in coordinating the efforts of the IALA Committees and providing advice to the Council and Secretariat on policy and strategy matters related to the development and harmonization of navigation aid systems. Captain AYTUGEL's exemplary career, extensive maritime safety knowledge, and leadership skills, along with Türkiye's commitment to promoting IALA's mission and values, position him as an outstanding candidate for this role. His significant experience will surely enhance the effectiveness of the Panel.

I trust that you will appropriately consider Captain AYTUGEL's candidacy.

I would like to take this opportunity to express my highest regards.

Yours faithfully,

Durmuş ÜNÜVAR

Deputy Minister of Transport and Infrastructure

Republic of Türkiye