

Malaysia has been a committed member of IALA since joining as a National Member in 1962. Our contributions to IALA's mission include serving as a Councillor since 2002. Strategically located along the Strait of Malacca and the South China Sea, Malaysia has invested significantly in modernizing navigation infrastructure and enhancing safety in these vital maritime zones. Through the Cooperative Mechanism, Malaysia collaborates with Indonesia and Singapore to uphold obligations under UNCLOS, underscoring its dedication to safety and environmental protection in regional waters.

In addition, Malaysia actively supports human capital development and capacity-building initiatives in collaboration with IALA, the IMO, and ASEAN. We have extended technical assistance to nations such as Madagascar, further reflecting our commitment to global maritime safety and cooperation. As a regional leader, Malaysia oversees the Aids to Navigation Fund and hosts international forums, exemplifying its steadfast dedication to advancing IALA's objectives and fostering safe, efficient, and sustainable navigation worldwide.

I extend my sincere gratitude to Your Excellency for your continued commitment to the organization. Malaysia eagerly anticipates further strengthening its cooperation with IALA.

Please accept, Your Excellency, the assurances of my highest consideration.

Warm regards,



LOKE SIEW FOOK

## **AIDE-MÉMOIRE MALAYSIA FOR IALA COUNCIL**

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As a National Member since 1962 and Councillor since 2002, Malaysia has consistently supported IALA's mission. We are committed to continuing this role, especially during IALA's critical transition to an intergovernmental organization, to further advance global navigation safety and cooperation.

### **Managing Aids to Navigation Along Vital Shipping Routes**

Malaysia's maritime zone spans 4,625 kilometers and includes 878 islands, bordering two key international waterways—the Strait of Malacca and the South China Sea. Recognizing their strategic significance, Malaysia allocated USD 8.5 million in 2024 for developing and modernizing aids to navigation, and USD 13.1 million for their maintenance along the Strait of Malacca, ensuring the continued safety of one of the world's busiest shipping routes.

### **VTS in the Strait of Malacca**

The Klang and Johor VTS centres, integral to the STRAITREP system covering nine sectors, play a critical role in managing the dense traffic of the Strait of Malacca. In 2023, Klang VTS recorded 89,390 vessel transits, directly contributing to the efficiency of maritime traffic, enhancing safety in navigation, and protecting the marine environment—core tenets of IALA's objectives.

### **Co-operative Mechanism for Safety and Environmental Protection in the Straits of Malacca and Singapore**

In collaboration with Indonesia and Singapore, Malaysia upholds its UNCLOS obligations under Article 43. Since the Co-operative Mechanism's launch in 2008, Malaysia has overseen projects like wreck removal and oil spill monitoring. Malaysia will host the 16<sup>th</sup> Cooperation Forum, 16<sup>th</sup> Project Coordination Committee, and 48<sup>th</sup> Tripartite Technical Experts Group in 2025.

### **Chairmanship of the Aids to Navigation Fund**

The Aids to Navigation Fund (ANF), established in 2007, secures financial contributions to maintain navigation safety in the Straits of Malacca and Singapore. Malaysia chaired the ANF Committee from 2018 to 2022, efficiently utilizing funds for the maintenance of 18 critical aids in Malaysian waters, reflecting our commitment to IALA's goal of ensuring safe and efficient global navigation.

### **ASEAN Regional Training Centre for VTS Operators**

Since 2017, Malaysia's ASEAN Regional Training Centre, located at MATRAIN, has been pivotal in training VTS personnel with support from the Japan ASEAN Integrated Fund. Recently accredited to deliver IALA Model Course C0103-1, the centre continues to ensure skilled and competent VTS operations across ASEAN waters.

### **Supporting IALA World-Wide Academy**

Malaysia has supported IALA WWA to deliver trainings since 2018, with a total of EUR 500,000 sponsorships from 2018–2022 and EUR 250,000 contributed under the 2023–2026 MoU. Malaysia's support aligns with the Academy's goal to strengthen capacity building in states needing training.

### **Accredited Training Organization for VTS in Malaysia**

The Competent Authority of Malaysia has accredited MATRAIN and KASI Sdn Bhd to deliver VTS training in full compliance with IALA standards, ensuring a qualified and competent workforce to support safe navigation.

### **Aids to Navigation Inspection in the Straits of Malacca**

Malaysia regularly inspects 18 critical aids to navigation in the Strait of Malacca, with involvement from Malacca Straits Council and international observers who gain insight into maintenance methods and routines.

## World Aids to Navigation Day Celebration

Malaysia commemorates World Aids to Navigation Day annually to raise awareness of navigation safety. This initiative underscores Malaysia's dedication to the IALA's objectives

### Significant Investments in Marine Aids to Navigation for Enhanced Safety and Standards

Malaysia has made substantial investments to ensure navigation safety and uphold high standards for marine aids to navigation. These investments target critical infrastructure and cutting-edge technology, reinforcing Malaysia's dedication to IALA's objectives:

- **Vendor Development Program (VDP):** The Malaysian government has pledged USD96 million from 2017 to 2026 to support a 10-year VDP aimed at fostering technological R&D, upgrading infrastructure, and enhancing supporting systems essential for safe and efficient navigation.
- **Automatic Identification System (AIS):** Between 2003 and 2016, Malaysia invested RM35 million in AIS technology, improving vessel identification accuracy, aiding in traffic management, and reducing the risk of collisions.
- **Vessel Traffic Services (VTS):** With an allocation of RM50 million from 2006 to 2030, Malaysia's VTS infrastructure supports continuous monitoring and safe passage for vessels, especially in high-traffic areas like the Strait of Malacca.
- **1Network:** Over a 10-year span, RM150 million has been dedicated to the 1Network project, which enables real-time information exchange across VTS's network, optimizing traffic management and safety protocols.
- **VHF Data Exchange System (VDES):** Malaysia has earmarked a future commitment of RM20 million to VDES technology, a modern communication system that will enhance data exchange and operational efficiency.

These strategic investments highlight Malaysia's proactive approach to strengthening navigational safety, advancing technology integration, and maintaining top-tier standards for marine aids to navigation.

### **Integrated Technical Cooperation Programme (ITCP)**

Malaysia has demonstrated a strong commitment to human capital development in the maritime sector through collaboration with organizations such as the International Maritime Organization (IMO), the International Organization for Marine Aids to Navigation (IALA), Government of Japan and others organization. Under the International Technical Cooperation Programme (ITCP), participants from developing countries and island nations are sponsored to attend a variety of seminars, training sessions, and workshops. Since 2013, Malaysia has successfully supported over 700 participants from 75 countries worldwide, contributing to global capacity building efforts.

## DESIGNATE REPRESENTATIVE OF MINISTRY OF TRANSPORT MALAYSIA TO IALA COUNCIL MEETINGS

Dr. Siva Sangar Krishnan is a distinguished professional with over 29 years of experience in the maritime and logistics sectors, currently serving as the Undersecretary of the Maritime Division at the Ministry of Transport (MOT), Malaysia. His extensive background includes international shipping, maritime digitalization, maritime law, port management, and supply chain logistics.

Dr. Siva holds a Ph.D. from the University of Helsinki, focusing on the application of blockchain technology in international shipping. He also earned a Master's degree in Maritime Law and Ocean Policy from the World Maritime University (WMU), an institution under the United Nations' International Maritime Organization (IMO). His educational background is further enriched with advanced diplomas in logistics, public administration, and maritime transport.

During his previous role as Director at the National Logistics Centre, MOT, Dr. Siva made significant contributions to Malaysia's logistics and maritime sectors. He led the establishment of the Malaysia Maritime Single Window (MMSW) aligning it with the IMO's Facilitation (FAL) Convention to enhance digitalization and efficiency in maritime trade. Additionally, Dr. Siva played a crucial role in formally establishing the National Logistics Centre Malaysia (NLCM) to strengthen Malaysia's logistics infrastructure, trade facilitation, and digital integration.

In his current role as Undersecretary of the Maritime Division, Dr. Siva continues his work in advancing Malaysia's maritime policies. Previously as Deputy Undersecretary, he led the incorporation of international maritime conventions, including SOLAS, STCW, MLC, and MARPOL into national legislation, reinforcing Malaysia's alignment with global maritime standards. His legislative efforts have contributed to the enhancement of maritime safety, environmental protection, and workforce standards in Malaysia.

Dr. Siva also brings strong private-sector experience from his managerial roles at DHL, Mediterranean Shipping Company, and Maersk, having worked in international locations like Germany, Denmark, and Thailand. This experience has equipped him with valuable insights into the complexities of global supply chains and logistics management.

Dr. Siva's breadth of experience, leadership in policy development, and strategic vision make him exceptionally qualified to represent Malaysia at the International Organization for Marine Aids to Navigation (IALA) Council Meetings. His expertise in regulatory implementation and sectoral leadership underscores his preparedness to advocate for Malaysia's maritime interests on the international stage.



**MENTERI PENGANGKUTAN MALAYSIA**  
(Minister of Transport Malaysia)

Our Ref: MOT.100-4/1/4 Jld.3 (44)  
Date : 27 November 2024

**Secretary-General**  
International Organization for Marine Aids to Navigation (IALA)  
10, rue des Gaudines  
78100 Saint Germain en Laye  
**FRANCE**

*Your Excellency,*

**DECLARATION OF CANDIDACY**

In accordance with Article 7.7 (d) of the 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 Malaysia as a candidate for election to the Council of the International Organization for Marine Aids to Navigation (IALA) in February 2025.

The attached statement outlines Malaysia's credentials for a position on the Council.

If elected, Malaysia will be represented at Council meetings by:

Name	:	Dr. Siva Sangar Krishnan
Title	:	Undersecretary Maritime Division Ministry of Transport Malaysia No.26, Jalan Tun Hussein Presint 4, 62100 Putrajaya MALAYSIA
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A statement detailing Dr. Siva Sangar Krishnan's credentials to represent Malaysia is also enclosed.