



**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
THE MINISTRY OF OCEANS AND FISHERIES OF  
THE REPUBLIC OF KOREA  
AND  
THE INTERNATIONAL ORGANIZATION FOR  
MARINE AIDS TO NAVIGATION  
ON  
TECHNICAL COOPERATION**

**February 2025**

## **INTRODUCTION**

RECALLING the continuous need to improve and harmonize marine aids to navigation for the benefit of the maritime community and the protection of the environment;

CONSIDERING our common desire to promote friendly relations and strengthen our collaboration; and

AIMING to promote bilateral cooperation based on the spirit of equality and mutual respect;

The Ministry of Oceans and Fisheries (MOF) of the Republic of Korea and the International Organization for Marine Aids to Navigation (IALA) (hereinafter referred to collectively as the "Sides" and individually as a "Side") have reached the following understanding:

### **§ 1**

#### **OBJECTIVE**

1. The objective of this Memorandum of Understanding (MoU) is to strengthen the cooperation between the Sides within the field of improvement and harmonization of marine aids to navigation (AtoN) worldwide.

### **§ 2**

#### **GENERAL PROVISIONS**

1. This MoU is a nonbinding document and not intended to create any legally binding commitments under any law.
2. This MoU will be implemented within the scope of available resources, and limits of concurrent laws and regulations of the Sides.

### **§ 3**

#### **AREAS OF COOPERATION**

1. This MoU encompasses cooperation between the Sides within the following areas:
  - a. technical development and cooperation;
  - b. education, training and capacity building; and
  - c. research and knowledge sharing.

## § 4

### TOPICS TO BE ADDRESSED

1. The cooperation may address any relevant topics relating to the objective of this MoU upon which the Sides can accept. This is an initial list of possible topics:
  - a. digitalization in general within the field of marine AtoN, particularly the maritime Internet of Things (IoT) as well as development and operation of systems and tools that strengthen progress and lower barriers in digitalization;
  - b. harmonization, collection, management and analysis of digital information relating to marine AtoN, for instance developing IALA questionnaires and a worldwide AtoN information database;
  - c. Maritime Position, Navigation and Timing (PNT) solutions, particularly solutions that are independent of satellite based PNT systems; and
  - d. maritime services in the context of e-Navigation, particularly data product specifications (S-200), the concept of Maritime Resource Name (MRN) and an MRN registry;
2. The Sides consent to make further consultations in order to develop and decide on the topic and scope of cooperation.

## § 5

### CONTRIBUTION FROM THE MINISTRY OF OCEANS AND FISHERIES OF THE REPUBLIC OF KOREA

1. The contribution from MOF of the Republic of Korea is provided by MOF and its related public institutions:
  - a. Korea Research Institute of Ships & Ocean Engineering (KRISO);
  - b. Electronics and Telecommunications Research Institute (ETRI); and
  - c. Korea Institute of Aids to Navigation (KATON).
2. The contribution can take various forms, such as technical, operational and financial support, seminars, workshops and conferences, as well as the secondment of one or more technical officer(s) to IALA;
3. The Sides consent to make further consultations in order to develop the type and level of support to be provided.

**§ 6****CONTRIBUTION FROM IALA**

1. The contribution from IALA can take the form of participation from the World-Wide Academy, the Secretariat and experts from the IALA membership, the hosting of activities at IALA premises and logistical support.

**§ 7****CONFIDENTIALITY**

1. Shared confidential information must be clearly marked as confidential by each Side. The Sides will not share confidential information obtained under this MoU with a third party without written consent.

**§ 8****MUTUAL COOPERATION**

1. On behalf of the Sides, the Director-General of Maritime Affairs and Safety Policy Bureau of the MOF of the Republic of Korea and the Secretary-General of IALA will review this MoU as needed.

**§ 9****INTELLECTUAL PROPERTY**

1. Any intellectual property rights brought by a Side for the implementation of activities under this MoU will remain the property of that Side.
2. Each Side will not use the name, logo, or official emblem of the other Side in any publication without consent.

**§ 10****SETTLEMENT OF DISPUTES**

1. Any dispute that may arise between the Sides relating to any matter under this MoU will be settled amicably through consultations between the Sides.

**§ 11**

**EFFECTUATION, DURATION, TERMINATION AND MODIFICATION**

1. This MoU will take effect from the date of signature and will remain in effect until either Side terminates it with a ninety (90) days' written notice.
2. This MoU may be modified at any time by mutual written consent of the Sides.

*Signed in Singapore on the 20<sup>th</sup> of February 2025, in duplicate, in the English language.*

*For the Ministry of Oceans and Fisheries  
of the Republic of Korea:*

*For the International Organization for  
Marine Aids to Navigation:*

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*Director General  
Maritime Affairs and Safety Policy Bureau  
Ministry of Oceans and Fisheries*

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*Secretary-General  
International Organization for Marine Aids  
to Navigation*