

**9th CO-OPERATION FORUM UNDER THE CO-OPERATIVE MECHANISM
ON SAFETY OF NAVIGATION AND ENVIRONMENTAL PROTECTION
IN THE STRAITS OF MALACCA AND SINGAPORE**

ROYAL AMBARRUKMO HOTEL, YOGYAKARTA, INDONESIA

26 AND 27 SEPTEMBER 2016

REPORT OF THE MEETING

1. OPENING SESSION

- 1.1 The Ninth Meeting of the Co-operation Forum (hereinafter referred to as the Forum) under the Co-operative Mechanism on Safety of Navigation and Environmental Protection in the Straits of Malacca and Singapore (hereinafter referred to as SOMS) amongst Indonesia, Malaysia, Singapore (hereinafter referred to as the Littoral States), user States and other stakeholders of the Straits, was held on 26 and 27 September 2016 at the Royal Ambarrukmo Hotel, Yogyakarta, Indonesia.
- 1.2 The list of participants as attached in **ANNEX A**.
- 1.3 Mr. Gatot Saptadi, Deputy for Economic and Development, Secretariat of Special Region of Yogyakarta delivered welcome speech representing Governor of Special Region of Yogyakarta. He welcomed all delegates of the Forum to Yogyakarta and highlighted Yogyakarta is the city of art and culture. He also informed that Yogyakarta has many investment opportunities which could be developed.
- 1.4 Mr. Sugihardjo, Secretary General of the Ministry of Transportation of the Republic of Indonesia officially opened the Forum and welcomed all delegates of 9th CF to Yogyakarta. He highlighted the commitment of Government of Indonesia to accelerate and materialize the vision under Global Maritime Fulcrum to strengthen national identity as a maritime nation. He noted the concrete progress of Co-operative Mechanism since it was endorsed in 2007 and encouraged the Littoral States to review and discuss the possibility to conduct joint pilotage services in SOMS. He also expressed his appreciation to contributors for their continued support and contribution in the Co-operative Mechanism.
- 1.5 Mr. Rossid Bin Musa, Deputy Director General Marine Department Malaysia, Head of Malaysia Delegation, expressed his appreciation to Indonesia for hosting the meeting. He highlighted the importance of safety of navigation and marine environment protection issues in SOMS as a vital international shipping lane. He further highlighted that safety of navigation and marine environment protection for shipping have always been a primary agenda for Malaysia. He reiterated that Malaysia is committed to ensuring that SOMS remains open for international shipping and safe for navigation.
- 1.6 Mr. Andrew Tan, Chief Executive, Maritime and Port Authority of Singapore, Head of Singapore Delegation, expressed his appreciation to Indonesia for hosting the meeting. He highlighted the significance of SOMS as a major waterway for international shipping. He further highlighted the importance of the Cooperative Mechanism as co-operative framework that provided a platform for Littoral States, user States and other stakeholders to jointly work on maintaining and enhancing the safety of navigation and marine environmental protection, and the roles of Cooperation Forum as an important

engagement platform to promote cooperation in SOMS. He also underlined the importance of instilling a safety culture in the maritime community.

- 1.7 Mr. A. Tonny Budiono, Director General for Sea Transportation, Ministry of Transportation of the Republic of Indonesia welcomed all delegates to the Forum and highlighted the importance of Co-operative Mechanism to enhance the safety of navigation and marine environmental protection in SOMS. He expected that the projects under Cooperation Forum could create an optimal output to achieve the objectives of mutual concerns. He also reiterated the Littoral States to review and discuss the possibility to conduct joint pilotage services in SOMS.
- 1.8 In conjunction with Opening Session, the meeting witnessed a Signing Ceremony for the success of Phase II - Joint Hydrographic Re-Survey of the Traffic Separation Scheme in the Straits of Malacca and Singapore, by Director General for Sea Transportation Indonesia, Head for Hydro-Oceanographic Office Indonesia, Deputy Director General Marine Department Malaysia, Chief Executive of Maritime and Port Authority of Singapore, and Executive Director of Malacca Strait Council.
- 1.9 The speeches delivered by Deputy for Economic and Development, Secretariat Special Region of Yogyakarta, Secretary General of the Ministry of Transportation of the Republic of Indonesia, Director General for Sea Transportation, Ministry of Transportation of the Republic of Indonesia and Heads of Delegation of the Littoral States as attached in **ANNEX B**.

2. ADOPTION OF THE AGENDA

- 2.1 The Provisional Agenda of the Forum was adopted. The Agenda as attached in **ANNEX C**.

3. BUSINESS ARRANGEMENT

- 3.1 The Forum agreed to conduct the meeting fully in Plenary.

4. CO-OPERATIVE MECHANISM IN THE STRAITS OF MALACCA AND SINGAPORE (SOMS) AND USER POINT OF VIEWS

- 4.1 The Forum noted the following presentations:
 - 4.1.1 Update on Aids to Navigation Fund (by Singapore)
 - 4.1.2 Update on IMO Malacca and Singapore Straits Trust Fund (by IMO)
 - 4.1.3 Users' Point of View on the Enhancement of Safety of Navigation and Marine Environmental Protection in the SOMS (by People's Republic of China)
 - 4.1.4 Japan's Cooperation to Enhance Safety of Navigation in the SOMS (by MLIT Japan)
 - 4.1.5 Assisting Safe Passage of Small Scale Shipping in the SOMS (by Witherby Seamanship International)
- 4.2 The Forum acknowledged the contributions received by ANF Secretariat from user states and stakeholders with the total amount of US\$21.7 million. The contributors are the People's Republic of China, India, Japan, Republic of Korea, United Arab Emirates, Saudi Arabia, International Foundation for Aids to Navigation, International Maritime Organization, Malacca Strait Council, The Nippon Foundation and Witherby Publishing Group. Furthermore, the Forum noted the estimated balance in ANF's account as per

August 31st, 2016 is US\$6,669,194.45. The forum also thanked all the contributors for their active participation the ANF, and further invited a broader involvement from other user States and Stakeholders.

- 4.3 The Forum thanked and appreciated IMO's contribution as a complementary fund to the Cooperative Mechanism. In this regard, IMO would continue to ask its member states to donate to the IMO Trust Fund.
- 4.4 The Forum thanked all the comprehensive presentations made by delegates related to Cooperative Mechanism in the SOMS. All presentations as attached in **ANNEX D**.

5. NAVIGATIONAL SAFETY IN THE SOMS

- 5.1 The Forum noted the following presentations:
 - 5.1.1 Straits Project 1 — Removal of Wrecks in the Traffic Separation Scheme in the SOMS (by Marine Department Malaysia)
 - 5.1.2 Straits Project 5 — Replacement and Maintenance of Aids to Navigation in the SOMS (by DGST Indonesia)
 - 5.1.3 Straits Project 10 — Study of the Blueprint for the Future Development of Safety of Navigation and Marine Environment Protection in the SOMS (by DGST Indonesia)
 - 5.1.4 Strategic Management of Navigational Safety – experiences from the North Sea and implications for SOMS (by COWI)
 - 5.1.5 New Straits Project / Project 13 – New Study for the Safety of Navigation in the SOMS (by Malacca Strait Council)
 - 5.1.6 “Safe Passage in the Singapore Strait” Safety Video (by MPA Singapore)
 - 5.1.7 Updates on Indonesian VTS in the Straits of Malacca and Singapore (by DGST Indonesia)
 - 5.1.8 Voluntary Pilotage Services in the Straits of Malacca and Singapore (by Maritime Safety and Security Consultancies)
 - 5.1.9 Submarine Cable in SOMS and Its Importance and Contribution to the Safety of Navigation in the SOMS (by Telekom Malaysia Berhad)
- 5.2 ICS requested further information on Indonesia's VTS which was established in Dumai and Batam that covered whole Traffic Separation Scheme (TSS) in the SOMS. Indonesia responded that the establishment VTS in those areas already complied with IMO Resolution A.857 (20) on Guidelines of Vessel Traffic Service.
- 5.3 Indonesia appreciated the idea shared by COWI and Witherby publisher. However, Indonesia was of a view that method presented by COWI will include the hydrographic aspect of SOMS as well as its locality features like the existence of small ships, traditional fishing and future development of new harbors and newly growing economics spots in the region that certainly would influence the traffic.
- 5.4 Indonesia thanked to Capt Hartmut Hesse from Maritime Safety and Security Consultancies for sharing the experience, knowledge and practices on pilotage in several areas. Indonesia also encouraged the Forum, Littoral States to intensify their efforts for the completion of the guidelines on Voluntary Pilotage Services and deliberation of a joint pilotage board. Indonesia also encouraged user States and user of SOMS to utilize the services when become available, which is in line with the IMO Resolution the A 375 (X) which recommend ships in particular Deep Draft Vessel and Very Large Crude Carrier Vessel to use pilotage service of the respective Littoral States when they become available.
- 5.5 The Forum thanked for all the comprehensive presentations made by delegates related to Navigational Safety in the SOMS. All presentations as attached in **ANNEX E**.

6. E-NAVIGATION

6.1 The Forum noted the following presentations:

- 6.1.1 Straits Project 9 — Ship Traffic Management System in the SOMS (by Norwegian Coastal Administration (NCA), Norway)
- 6.1.2 Update on Marine Electronic Highway (by MPA Singapore)
- 6.1.3 Effective and Harmonized Marine Aids to Navigation in the SOMS (by IALA)
- 6.1.4 ENC Roles in the Safety of Navigation in SOMS (by Hydro-Oceanographic Office, Indonesia / PUSHIDROS AL)

6.2 ICS appreciated Japan for contributing to the realization of Joint Hydrographic Re-Survey in the SOMS, namely Phase One which was held in 2015 and Phase Two which will be conducted from 2017 to 2020, since the said hydrographic survey holds an important role for safety of navigation in the SOMS.

6.3 IALA informed that the Aids to Navigation Manager Level 1 course is being conducted in China. In this regard, IALA and China, as mentioned in the presentation on the 4.1.3 invited the Littoral States to participate in the next course in 2017.

6.4 The Forum noted that E-Navigation has two main elements namely equipment and human resources functioning to ensure the implementation of Aids to Navigation, which are conducted both on board and ashore. The communication between on board and ashore becomes the key element in supporting the safety of navigation in the SOMS. The Forum also further noted that the technology used in E-Navigation grows very fast in this decade in order to support the safety of navigation in the SOMS particularly.

6.5 The Forum thanked for all the comprehensive presentations made by delegates related to E-Navigation. All presentations as attached in **ANNEX F**

7. MARINE ENVIRONMENTAL PROTECTION IN SOMS

7.1 The Forum noted the following presentations:

- 7.1.1 New Straits Project / Project 11 – Development of Guidelines on the Places of Refuge for Ships in need of Assistance in the SOMS (by Marine Department Malaysia)
- 7.1.2 EU Operational Guidelines Place of Refuge (by ICS)
- 7.1.3 New Straits Project / Project 12 – Marine Oil Spill Monitoring System in the SOMS (by People's Republic of China)
- 7.1.4 Green Port Initiatives (by Indonesian Port Corporation / IPC I)
- 7.1.5 The Roles of Classification Society to Enhance Marine Environmental Protection in SOMS (by Indonesian Classification Society / BKI)
- 7.1.6 Update on the IMO/NORAD Identification and Designation of Malaysia's Particularly Sensitive Sea Areas (PSSAs) (by Maritime Institute of Malaysia)
- 7.1.7 Information on IMO/NORAD Project relating to the Identification and Designation of Particularly Sensitive Sea Areas (PSSAs) in Indonesia (by DGST Indonesia)
- 7.1.8 Biodiversity in the SOMS;
 - 7.1.8.1 Biodiversity in the SOMS (by Indonesian Institute of Sciences / LIPI)
 - 7.1.8.2 Biodiversity in the Straits of Malacca; Assessment and Way Forward (by Maritime Institute of Malaysia);
- 7.1.9 Strengthening Malaysia's Capacity to contribute to a Global Transformation of the Shipping Industry towards Low Carbon Future (by Marine Department Malaysia)

- 7.1.10 Ballast Water Management Convention – A study on the “Same Risk Area” Concept (by MPA Singapore)
- 7.2 ICS encouraged the need for effective implementation of international regulation on the issues of marine environment protection. ICS provided several international regulations as example. Further, ICS suggested a regional arrangement in the region of the Straits of Malacca and Singapore to protect marine environment.
- 7.3 INTERTANKO welcomed the extensive research on biodiversity that had been presented by Indonesia and Malaysia. However, noting the presenters’ suggestions for increased regulation for international shipping, INTERTANKO suggested that additional research was required to clearly identify the source of the pollution and better understand the reasons that the polluters were polluting. INTERTANKO also provided examples of inter-Governmental cooperation such as HELCOM and REMPEC where effective surveillance and uniform enforcement for both coastal and international shipping went hand in hand with the provision of adequate port reception facilities by the coastal States.
- 7.4 China extended its appreciation to all stakeholders for their efforts to ensure the safety, security, environmental protection and facilitation of the SOMS. Over the years, China has been actively engaged in the Cooperative Mechanism and committed its contribution to the relevant activities. In view of the importance of the SOMS to the international shipping, China holds the opinion that any measures should be taken in a comprehensive way with full consideration of safety, security, environmental protection and transport facilitation at sea.
- 7.5 China and COWI proposed the need of port reception facilities in the Straits to have cost efficient shipping and the marine environment protected.
- 7.6 The Forum noted salient points of presentation under agenda 7 on Marine Environmental Protection in the Straits of Malacca and Singapore, as follows :
- 7.6.1 The guidance from IMO and related convention as the umbrella of developing the national regulations and the Littoral States as well as User States. The said guidance will be implemented to tackle the national or regional concern, should be discussed further in order to avert the introduction of invasive species into the marine environment, to protect the Malacca and Singapore Strait into clean blue Straits.
- 7.6.2 The project conducted under marine environmental protection in the Straits of Malacca and Singapore should involve related authorities and institutions such as marine industry, shipping industry, sea fearer, port communities and academic and research institution. The projects should be part of the Marine Environmental Protection (MEP) development plan in – short, medium and long term.
- 7.6.3 The scientific research and technologies used to support the implementation of MEP convention is important in order to maximize on controlling the activities from shipping and other related activities in the Straits of Malacca and Singapore, which may cause the pollution and damage of environment of the Straits of Malacca and Singapore.
- 7.6.4 The need to strengthen the cooperation among Littoral States, including the capacity to contribute to a global transformation on MEP awareness among the States.
- 7.7 The Forum thanked for all the comprehensive presentations made by delegates related to Marine Environmental Protection in SOMS. All presentations as attached in **ANNEX G**

8. NEW INITIATIVES

8.1 The Forum noted the following presentations:

8.1.1 New Perspective on the Enhancement of Marine Environmental Protection in the SOMS (by Ministry of Foreign Affairs Indonesia)

8.1.2 Sustainable Maritime Initiatives

8.1.2.1. Greening of the Straits of Malacca from Malaysian Ship-owners Association (MASA)

8.2 The Forum noted the new initiatives presented by Ministry of Foreign Affairs of the Republic of Indonesia regarding Enhancement of MEP in the SOMS.

8.3 The Forum noted that MASA highlighted how the increasing traffic in the SOMS affects a serious damage to the environment in the region. The Forum also noted MASA's proposal that Littoral States should set up a comprehensive management plan to monitor, manage, and protect the development of MEP in the SOMS.

8.4 The Forum thanked for all the comprehensive presentations made by delegates related to New Initiatives. All presentations as attached in **ANNEX H**

9. OTHER MATTERS

9.1 Indonesia informed the Forum concerning the upcoming Workshop on Common Phraseology and Procedures for VTS Communications hosted by Directorate General of Sea Transportation Indonesia and IALA on 20-24 February 2017 in Denpasar, Bali. This Workshop aims to facilitate the exchange of best practices and ideas and knowledge among a wide range of VTS professional and those from other sectors and contribute to influencing the formulation and development of IALA Documentation on VTS Communications. Further, Indonesia extended the invitation to the interest parties to participate on the said Workshop.

10. ADOPTION OF THE MEETING REPORT

10.1 The Forum considered and adopted the report of the Meeting.

11. CLOSING OF THE 9TH CO-OPERATION FORUM

10.1 The Chair thanked all delegations for their active participation and making the 9th Co-operation Forum a fruitful discussion.

10.2 The 10th Co-operation Forum will be held in Malaysia in 2017, with the details on the date and venue to be communicated at a later date.
