

**TERMS OF REFERENCE**  
**STUDY ON BLUE PRINT FOR FUTURE DEVELOPMENT**  
**OF SAFETY NAVIGATION AND MARINE ENVIRONMENTAL**  
**PROTECTION IN THE STRAITS OF MALACCA AND SINGAPORE**

**Submitted by Indonesia**  
**to the 8<sup>th</sup> Cooperation Forum**  
**5-6 October 2015, Singapore**

- 1 At the 39<sup>th</sup> Meeting in Langkawi Malaysia, the Tripartite Technical Expert Group (TTEG) agreed that Indonesia's proposal for Study on Blue Print for Future Development of Safety Navigation and Marine Environmental Protection in Straits of Malacca and Singapore to be adopted as new Straits' project (Project 10).
- 2 The Three Littoral States invite the participation of user states and stakeholders for the implementation of the Study to prepare a Blue Print for Future Development of Safety Navigation and Marine Environmental Protection in the Straits of Malacca and Singapore.

**BACKGROUND OF THE STUDY**

- 3 Strategic geographic features of the Straits has a role as the most efficient passage for vessels transiting from the Middle East region of Asia, Mediterranean, Western Part of Europe, and Africa to the Far East Asian region, South East Asia region, Pacific area, and vice versa. Marine traffic transiting through the Straits is consistently growing in number, types and size of vessels where at present the number of navigating vessel in the Straits has approach 100.000 vessel per annual including the largest size of 300.000 DWT vessel - the MalaccaMax.
- 4 With respect to the Chapter IV and Chapter V of the Safety of Life at Sea Convention (SOLAS) that requires certain safety measures shall be adopted to assure the safe, secure, and smooth navigation, the 3 Littoral States tirelessly carry out efforts to improve safety of navigation and marine environmental protection in the Straits which have resulted in a number of policies, measures, and concepts.
- 5 International requirement, initiatives and future perspectives on the development and the use of modernized technologies in marine navigation activities are sustainably increased in line with the requirement on higher level of safety, security, accuracy and efficiency of navigation.
- 6 Therefore, there is a need to develop clear and consistent direction in managing the Straits of Malacca and Singapore.

**OBJECTIVES**

- 7 To provide well examined reference for future works and programs of the Cooperative Mechanism that assures the accomplishment of its goals.
- 8 To develop program and strategic works of the Cooperative Mechanism.

- 9 To timely provide policies, systems and infrastructures in the Straits to meet the growing requirement of the conventions, the growing traffic, harbors and industries in the Straits, the developed standard, and technology.
- 10 To achieve higher assurance on the successful provision for safety of navigation and marine environmental protection in the Straits.

## **SCOPE OF THE STUDY**

- 11 This study focuses on technology and regulation for safety navigation and marine environmental protection in the Straits of Malacca and Singapore.

## **METHODS OF STUDY**

- 12 Conduct preliminary study to provide guidance, references and scope of follow-up studies.
- 13 Conduct follow up study that could comprises of :
  - Site surveys and data collection;
  - Risk assessment and formulation of risk management & control;
  - Identification of gaps between current condition and requirement;
  - Defining technology, policies, regulation and measures.
- 14 Workshop.
- 15 Establishment of working group and/or correspondence group and/or experts group.
- 16 Consider views and practical approach of international organization, related association, industries, user states, users and stake holders.
- 17 Scientific and academic approach.

## **PROPOSED SCHEDULE**

- 18 The study is expected to be completed within 5 (five) years
- 19 Preliminary study is expected to be conducted in 2016
- 20 Workshop and working group is expected to be commenced in 2017
- 21 Follow up study is expected to be commenced in 2018

## **AREA OF COOPERATION**

- 22 In-kind contribution

Interested parties are welcomed to contribute through in-kind contribution to implement the

whole or part of the work of the follow-up study and workshop.

**23 Direct contribution**

Interested parties are welcomed to contribute through direct contribution to finance the whole or part of the work of the follow-up study and workshop.

**24 Indonesia will contribute an in-kind contribution to conduct preliminary study in 2016**

- Three Littoral States are requested to provide contact point to assist and to facilitate the study and data collection, and invited to participate in the Focus Group Discussions (FGDs);
- User States and stakeholders are welcome to convey opinions, suggestions, data, recommendation and direct participations in Focus Group Discussions (FGDs);
- Progress of the study will be updated to the 41<sup>st</sup> TTEG Meeting in Indonesia;
- Result of the preliminary study will be submitted to the 42<sup>nd</sup> TTEG Meeting.

**FOR APPROVAL**

**25 The proposed TOR is submitted to the 8<sup>th</sup> CF Meeting to invite concrete participation and contribution of user states and stakeholders.**