STUDY ON BLUE PRINT
FOR FUTURE DEVELOPMENT OF SAFETY NAVIGATION & MARINE ENVIROMENT PROTECTION IN STRAITS OF MALACCA AND SINGAPORE

submitted by

DIRECTORATE GENERAL OF SEA TRANSPORTATION
OF THE REPUBLIC OF INDONESIA

8TH COOPERATION FORUM
UNDER COOPERATIVE MECHANISM ON SAFETY OF NAVIGATION AND ENVIRONMENTAL PROTECTION IN THE STRAITS OF MALACCA AND SINGAPORE
Singapore, 05-06 OCTOBER 2015

BACKGROUND

STRAITS OF MALACCA & SINGAPORE

- Straits used for International Navigation

  (UNCLOS part III)

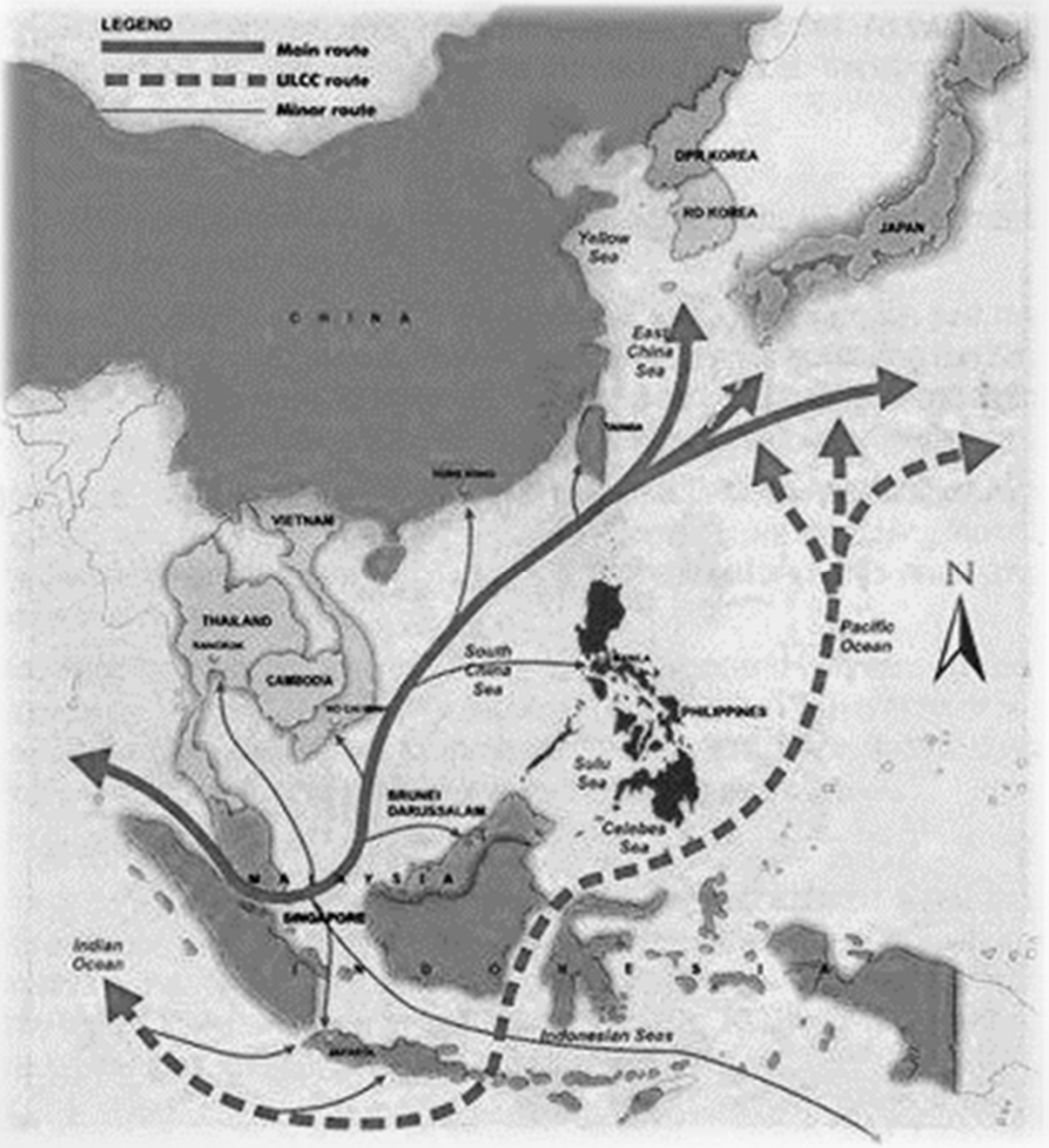
- 100.000 vessels p.a

  (incld. 300.000 DWT MalaccaMax)

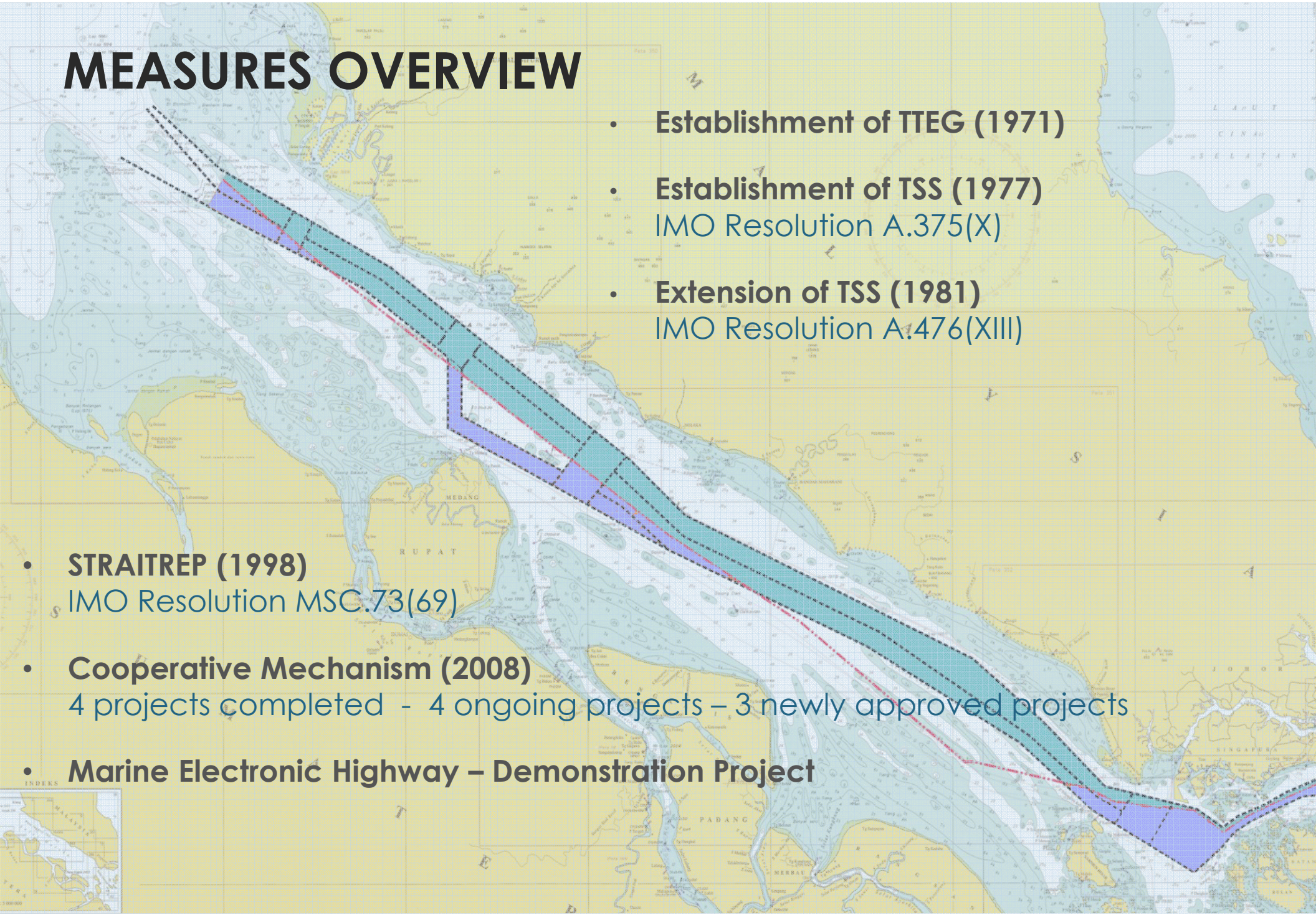
- Dangerous features of the 650 NM Straits

- Requires measures to assure Safe, Secure & Smooth Navigation

- International requirement, initiatives and future perspectives



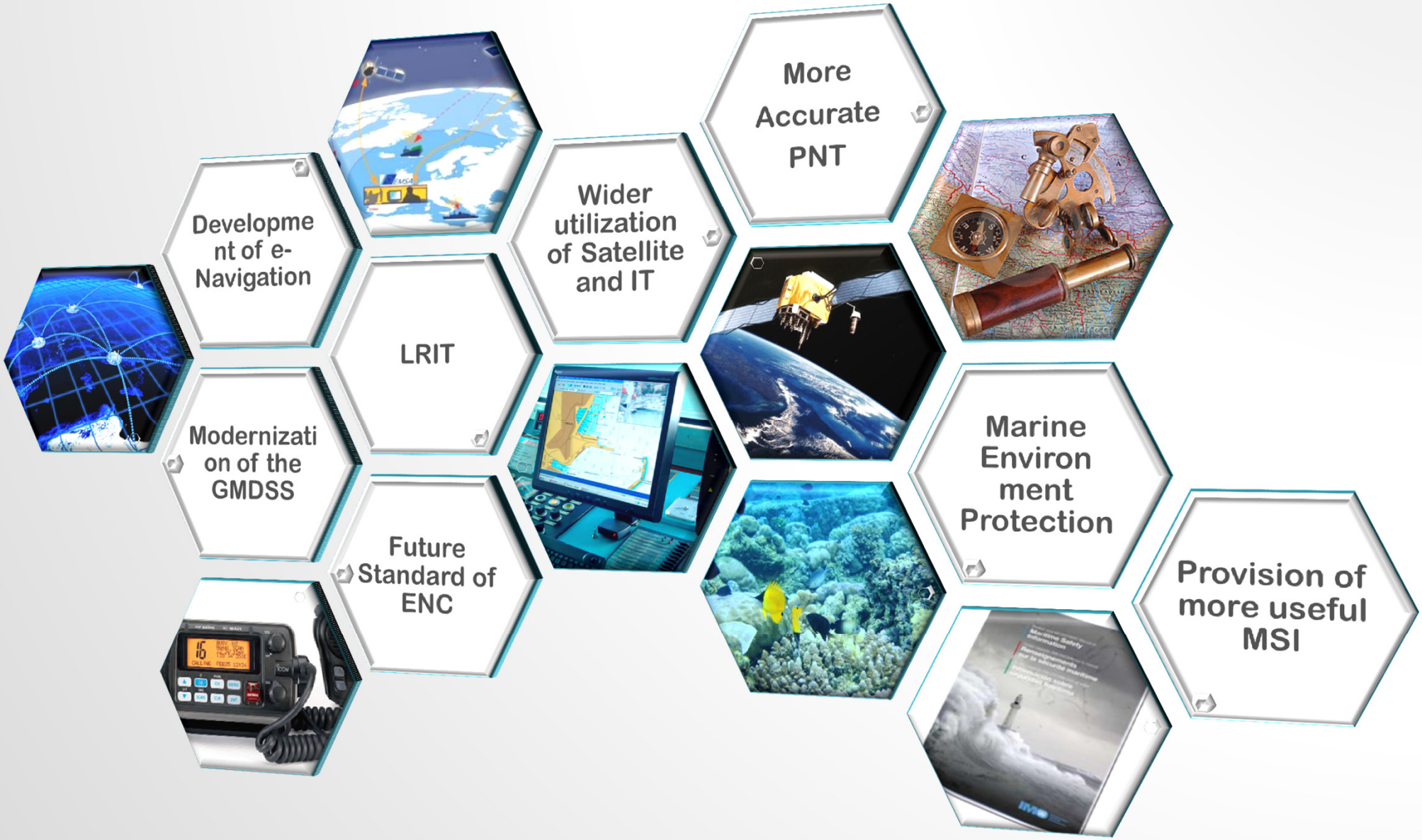
MEASURES OVERVIEW



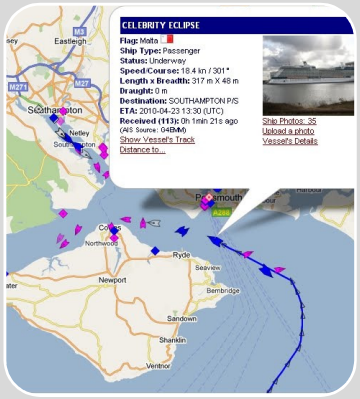
- **Establishment of TTEG (1971)**
- **Establishment of TSS (1977)**
  IMO Resolution A.375(X)
- **Extension of TSS (1981)**
  IMO Resolution A.476(XIII)

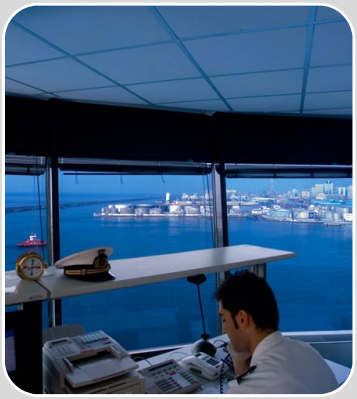
- **STRAITREP (1998)**
  IMO Resolution MSC.73(69)
- **Cooperative Mechanism (2008)**
  4 projects completed - 4 ongoing projects – 3 newly approved projects
- **Marine Electronic Highway – Demonstration Project**

CURRENT ISSUES



LOCALITIES





Occurrence of new transit destinations and increased number of crossing navigations

Needs on better organized ship's routeing system, STS, anchorage area, lay up area, place of refuge

Fishing Activities (traditional fishing boats activities) & Local Coastal Navigations

Growing number of submarine cables and pipes, offshore constructions

Rich Marine Biodiversity

GLOBAL DEMAND & TRENDS

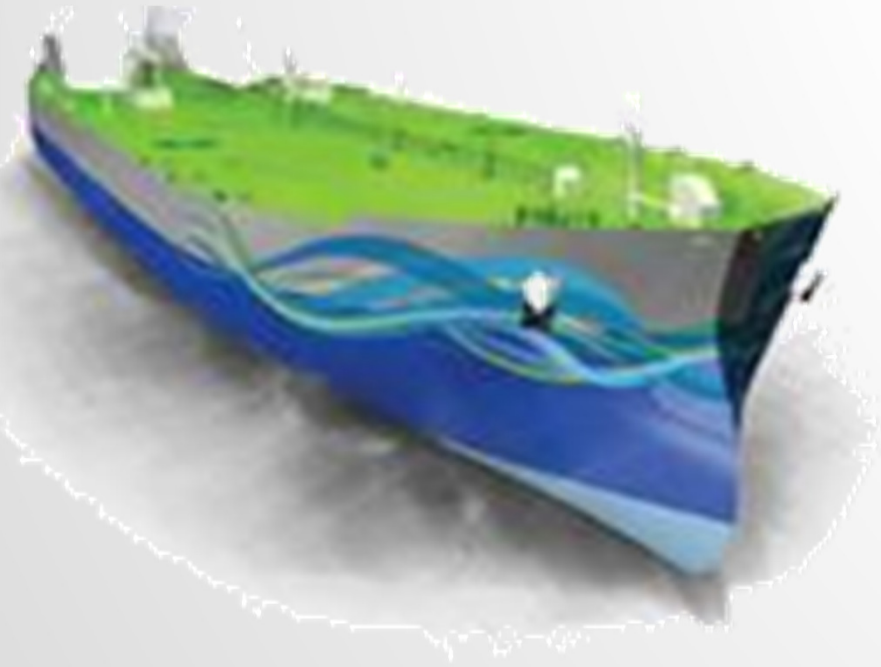
- Use of larger size of vessel
- Asean Economic Community (2015)
- New industrial and economic spots
- Modern technology and integrated onboard and ashore information & communications system

CHALLENGES

timely develop and establish appropriate and harmonized measures to cope with future challenges in securing implementation of international right of navigation and simultaneously ensure safety of navigation and marine environmental protection in the Straits

WHERE ARE WE GOING ?
TSS
STRAITREP
MEH-DP
OTHERS
regulation
technology
measures
policy
INCREASING TRAFFIC & REQUIREMENT
SAFETY OF NAVIGATION
ENVIRONMENT PROTECTION
EFFICIENT NAVIGATION
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11

METHODS



1. Conduct preliminary study to provide guidance, references and scope of follow-up studies.
2. 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.
3. Workshop.
4. Establishment of working group and/or correspondence group and/or experts group.
5. Consider views and practical approach of international organization, related association, industries, user states, users and stake holders.
6. Scientific and academic approach.

PROPOSED SCHEDULE

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

AREA OF COOPERATION

1. **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.

2. **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.

3. **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 41st TTEG Meeting in Indonesia;
   - Result of the preliminary study will be submitted to the 42nd TTEG Meeting.

RESPONSE REQUESTED

- The Meeting is expected to give input to complete the plan.
- User states and stakeholder are expected to identify possible contribution to the project.

END OF PRESENTATION

THANK YOU