



MARITIME INSTITUTE OF MALAYSIA  
INSTITUT MARITIM MALAYSIA

# Feasibility Study on the Identification of Possible Particularly Sensitive Sea Area (PSSA) in the Straits of Malacca

7<sup>th</sup> Cooperative Forum on Safety of Navigation and  
Environmental Protection in the Straits of Malacca and  
Singapore

22-23 September 2014

Langkawi

# Outline

- Introduction
- Overview of National PSSA Workshop
- Options for PSSAs
- Current efforts
- Further needs
- Recommendation

# Overview of National PSSA Workshop



# Overview of National PSSA Workshop

- Held from 23 – 25 February 2011
- Objective
  - Provide understanding of IMO tools for specific area management
  - Emphasis on PSSA
- 29 participants from 16 organisations
- IMO and resource persons

# Outputs of break out groups

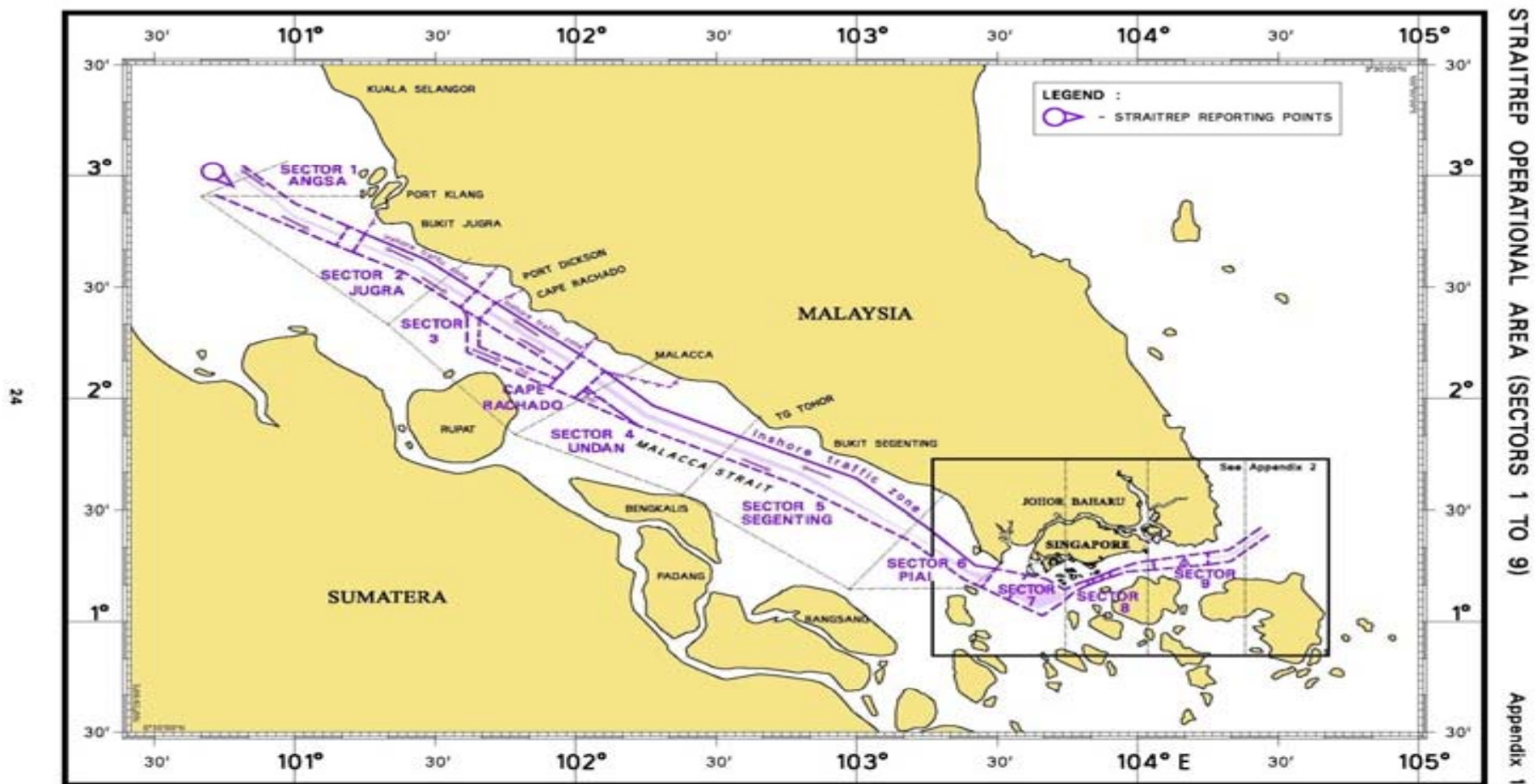
- Identification of potential PSSAs
- Identification of APMs

# Options for PSSAs

- West coast of Sabah around Semporna
- Miri – Sibuti marine park, Sarawak
- Pulau Layang-Layang
- Specific sites on the Straits of Malacca
  - Northeast Langkawi
  - Larut-Matang mangrove area
  - Pulau Jarak, Pulau Perak, Pulau Sembilan
  - Sungai Pulai RAMSAR site

# Identification of potential PSSAs

- The Straits of Malacca





# Identification of potential PSSAs

- Why the Straits of Malacca?





# Options for PSSAs

- Specific sites on the Straits of Malacca
  - Northeast Langkawi
  - Larut-Matang mangrove area
  - Pulau Jarak, Pulau Perak, Pulau Sembilan
- North of One Fathom Bank to Langkawi

# Current efforts

- Marine Parks and Marine Protected Areas in Peninsular Malaysia, RAMSAR sites
- National physical planning
- Environmental sensitivity index mapping by national oil corporation (PETRONAS)
- Various tools in Straits of Malacca and Singapore (TSS, VTMS, mandatory reporting, routing)

# Further needs

- Refinement of site selection
- Data collection to update site status and threats
- Data collection in traffic pattern and volume in areas for consideration
- Littoral state consultation
- Stakeholder consultation and buy-in

# Recommendation

- Undertake feasibility study for establishment of PSSA in Straits of Malacca either for specific sites or area north of One Fathom Bank to Lankgkawi

Thank You