

7<sup>th</sup> Cooperation Forum under the  
Cooperative Mechanism on the Safety  
Of Navigation and Environmental Protection  
In the Straits of Malacca and Singapore  
Agenda Item : 2.1 (i)

CF7/2  
1 September 2014

# Project MYWREMS (MalaYsian WREckManagement System)

7<sup>th</sup> Cooperative Forum  
Project 1: Wreck Removal  
22<sup>th</sup> – 23<sup>th</sup> September 2014  
Langkawi, Malaysia

By: Malaysia Marine Department

# Presentation Outlines

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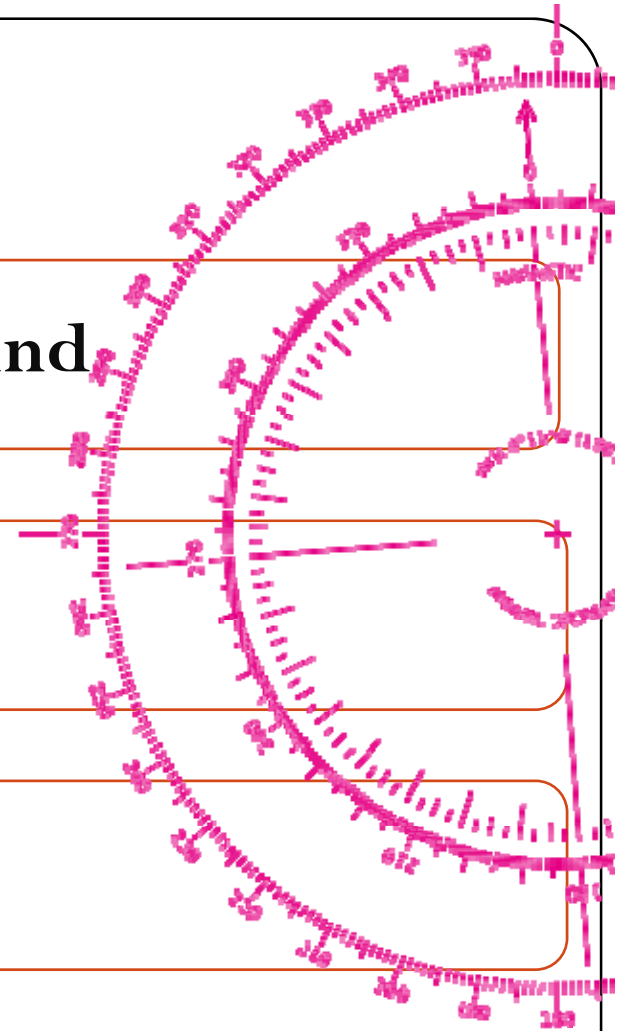
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# MYWREMS Project Background

Under Cooperative Mechanism (Project 1 : Wreck Removal)

The project contributor is from Germany, amount of USD100,000 through IMO Malacca and Singapore Straits Trust Fund.

MYWREMS Project had commenced in year of 2013 with the consultation between BSH & Malaysia Marine Department(MMD).



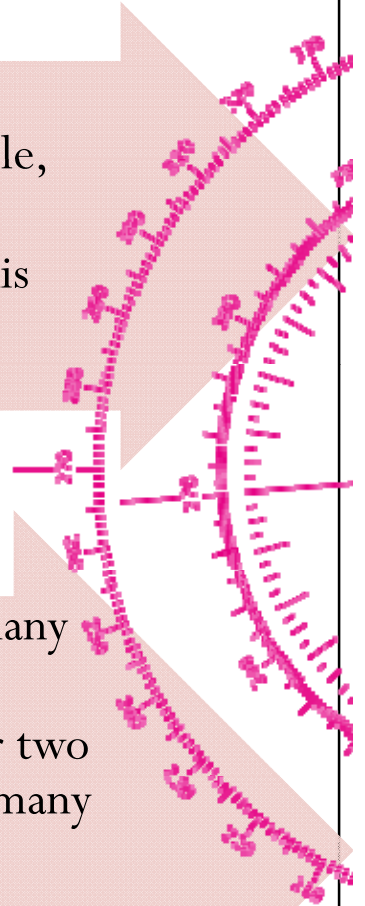
# MYREMS General Overview

Based on Germany's  
**GUWIS** i.e. German  
Under Water obstacle  
Information System

- GUWIS is none public Database
- Contains all known underwater obstacle, wrecks, rocks and other obstruction.
- Pipes and cables are also recorded in this database.

MYREMS i.e.  
Malaysia Wreck  
Management System

- This system will be developed in Germany and delivered by turn-key system
- Including 2 weeks training program for two officers in Hamburg and Rostock, Germany (cost will be included in the package)
- After the training the system will be air freighted to Malaysia Marine Department



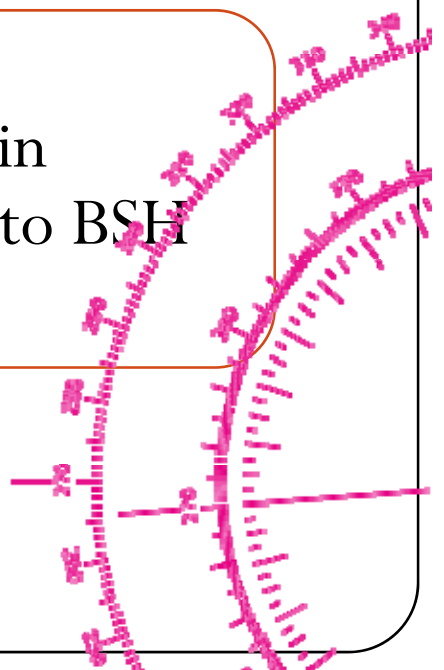
# Current Status

**Data Feeding**

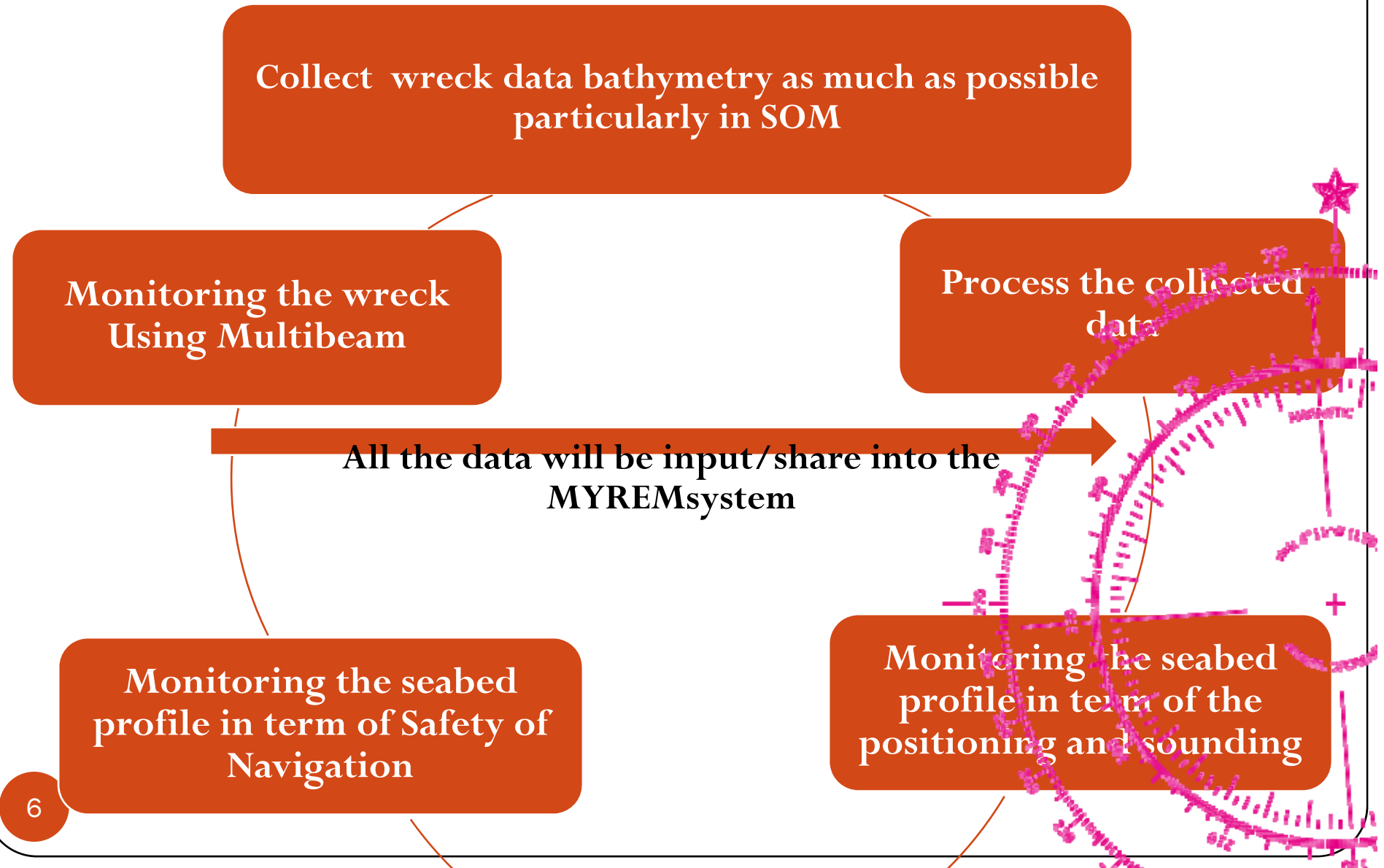
- wrecks information and other necessary data particularly in the Strait of Malacca.

**Project Delay**

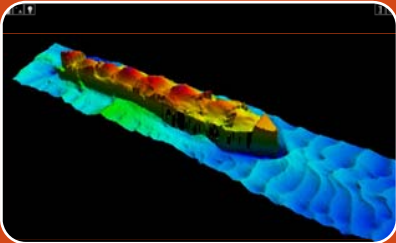
- Due to the delay in payment process to BSH



# Wreck Survey and Monitoring Activities in SOM

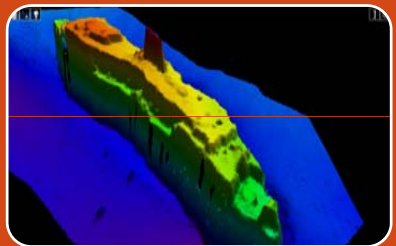


# Multibeam Survey 2014



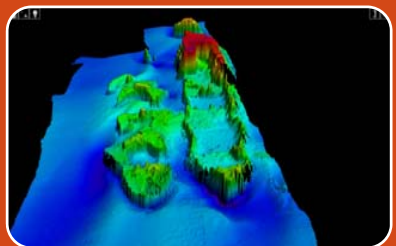
## MV CALIFORNIA

- OFF PULAU UNDAN, 01° 57.79' N, 102° 10.54' E
- Wreckage is stable, Cut partially to maintain water depth at 32m CD a for safe under keel clearance. Current least depth 32 meter



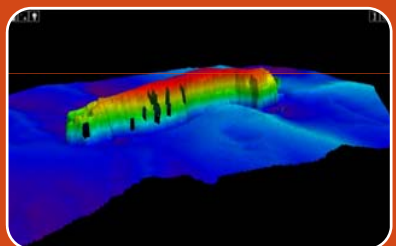
## MV ROYAL PACIFIC

- 15.4 NM WEST OF TANJUNG TUAN, 02° 27.206' N, 101° 36.149' E
- Wreckage is stable and marked by Isolated Danger Buoy Fl(2) 10sec
- Current least depth 42 meter



## MV ICL VICRAMAN

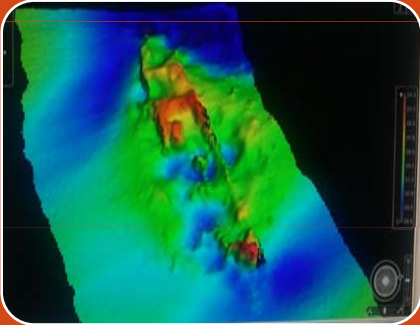
- 5.5 NM SOUTHERN OF TANJUNG TUAN, 02° 18.495' N, 101° 51.160' E
- Wreckage is stable , 23m ACD and charted. Current least depth 24



## MT SINGAPURA TIMUR

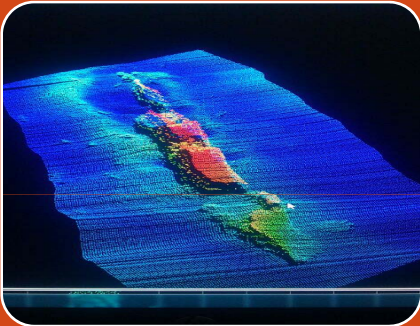
- 5NM OF PULAU UNDAN, 01° 58.171' N, 102° 14.132' E
- Wreckage is stable, Least depth 30m above the wreck and charted.
- Current least depth 34 meter

# Multibeam Survey 2014



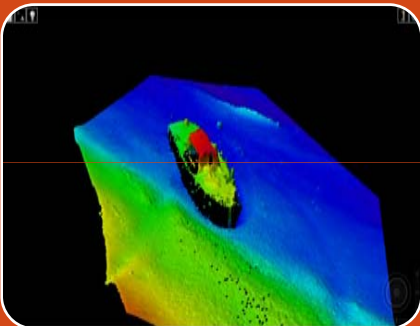
## Unknown Wreck

- OFF MUKA HEAD, 05° 09.83' N, 100° 09.28' E
- Least depth 23 meter



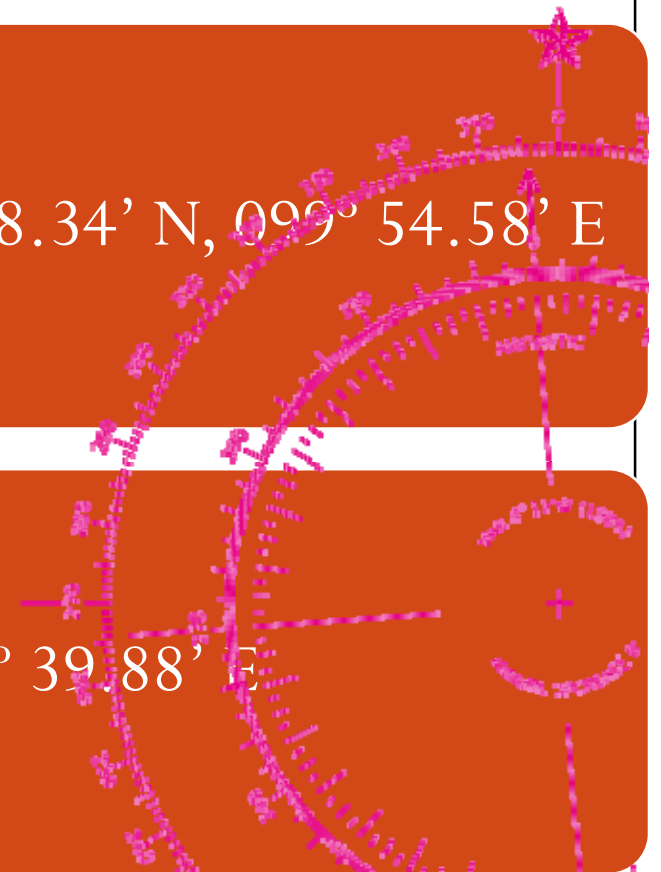
## Unknown Wreck

- OFF PULAU KENDI, 05° 28.34' N, 099° 54.58' E
- Least depth 31 meter



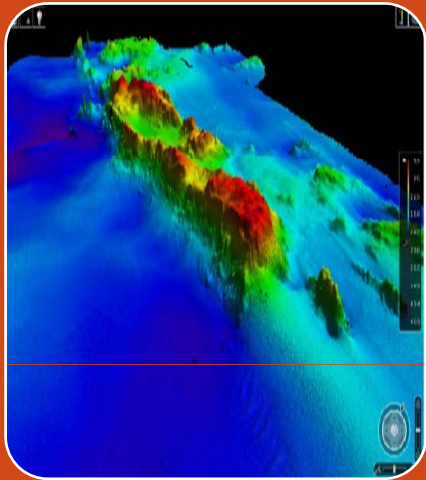
## Unknown Wreck

- LUMUT, 04° 16.14' N, 100° 39.88' E
- Least depth 6 meter



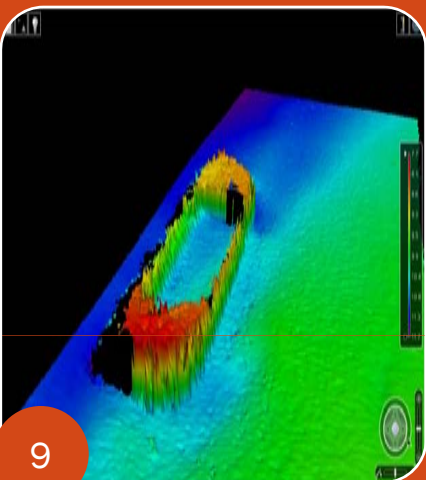


## Multibeam Survey 2014



### Unknown underwater obstruction

- K. LINGGI, 02° 26.16' N, 101° 57.23' E
- Least depth 6.7 meter
- Marked by Isolated Danger Buoy Fl(2) 10sec



### Unknown Wreck

- LUMUT, 04° 14.31' N, 100° 38.26' E
- Least depth 7 meter

Thank you for your kind attention.

