



# **MARINE DEPARTMENT MALAYSIA**

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# MYWREMS (MalaYsian WReck Management Systems)

MALAYSIA MARINE DEPARTMENT



- ▶ Background.
- ▶ Regional training
- ▶ MYWREMS
- ▶ FUTURE PLAN
- ▶ PICTURES

## OUTLINE



- ▶ Under the Cooperative Mechanism (Project 1: Wreck Removal) MYWREMS Project received contribution from Germany through IMO Malacca and Singapore Straits Trust Fund.
- ▶ The project was undertaken by Federal Maritime and Hydrographic Agency (BSH) from Germany to develop data base software, provide necessary hardware and training for wreck management and monitoring in the Strait of Malacca for the government of Malaysia.

## BACKGROUND



- ▶ MYWREMS system is based on Germany's **GUWIS** i.e. **G**erman **U**nder **W**ater obstacle **I**nformation **S**ystem.
- ▶ GUWIS is none public Database, which contains all known underwater obstacle, wrecks, rocks and other obstruction. Also pipes and cables are also recorded in this database.

BACKGROUND - CONTINUED



- ▶ Introduction to Project 1 – Removal of Wrecks on the Traffic Separation Scheme in the Straits of Malacca and Singapore (MYWREMS) Training.
- ▶ In Kuala Lumpur, 27 – 29 November 2018.
- ▶ Instructor, Mr Johannes Goldfisch, from Federal Maritime and Hydrographic Agency of Germany

## REGIONAL TRAINING





► Participants from:

- Maritime and Port Authority of Singapore
- Directorate General of Sea Transportation, Ministry of Transport, Indonesia
- Malaysia Marine Department
- Department of National Heritage, Malaysia
- National Hydrographic Centre, Malaysia
- Maritime Institute of Malaysia (MIMA)

# REGIONAL TRAINING



- ▶ Participants were trained on how to make us of the system.
- ▶ Mark the conclusion of the Project 1 – Wreck Removal.

## REGIONAL TRAINING











- ▶ Currently was utilized to include the previously identified critical wreck in Straits of Malacca and Singapore.
- ▶ All available data has been inserted.
- ▶ Planned to include recently acquired data as well as new wreck from new accident.

MYWREMS



No	Name	Location	Status	Cargo	Year	Method of Survey
1	<b>MV AKTIS ISLAND</b> Ship Particulars Type – General Cargo LOA – 72.45 m GRT – 1510 Tons Flag - Denmark Incident – Grounding & Sinking	0.66 NM WEST OF ONE FATHOM BANK LIGHT HOUSE  02° 53.14' N 100° 59.00' E	Wreckage Still On Location And Charted As Wreck	Copra Coconut	1994	-
2	<b>MV ROYAL PACIFIC</b> Ship Particulars Type – Passenger Ship LOA – 135 m GRT – 13176 Tons Build - 1965 Flag – Bahamas Incident – Collision & Sinking	15.4 NM WEST OF TANJUNG TUAN  02° 27.206' N 101° 36.149' E	Wreckage Still On Location And Marked By Isolated Danger Mark Fl(2) 10sec	NA	1992	Multi Beam & Single Beam  Latest date of survey: 25 June 2012
3	<b>MV ICL VICRAMAN</b> Ship Particulars Type – Bulk Carrier LOA – 198 m GRT – 31374 Tons Build – 1979 Flag - India Incident – Collision & Sinking	5.5 NM SOUTHERN OF TANJUNG TUAN  02° 18.495' N 101° 51.160' E	Underwater Cutting Till 23m ACD and Charted	Steel Product	1997	Multi Beam & Single Beam  Latest date of survey: 23 June 2012

## MYWREMS – 7 CRITICAL WRECKS IN SOM

No	Name	Location	Status	Cargo	Year	Method of Survey
4	<b>MT SINGAPURA TIMUR</b> Ship Particulars Type – Bulk Carrier LOA – NA GRT – NA Flag - NA Incident – Collision & Sinking	8 NM OF SUNGAI UDANG, MELAKA. /5NM OF PULAU UNDAN  01° 58.171' N 102° 14.132' E	Reported Least Depth 30m Above The Wreck And Charted	Bitumin	2001	Multi Beam & Single Beam  Latest date of survey: 21 June 2012
5	<b>MV CALIFORNIA</b> Ship Particulars Type – Bulk Carrier LOA – 242.02 m GRT – 40182 Tons Flag - Panama Incident – Collision & Sinking	EAST BOUND TSS OFF PULAU UNDAN 01° 57.79' N 102° 10.54' E	Partial removal completed in September 2012	Iron Ore	2006	This wreck was cut partially to maintain water depth at 32m CD a for safe under keel clearance
6	<b>MV B OCEANIA</b> Ship Particulars Type – Bulk Carrier LOA – 230 m GRT – 38337 Tons Flag – Malta Incident – Collision & Sinking	EAST BOUND TSS 8 NM OF PULAU PISANG  01° 24.895' N 103° 07.736' E	Salvage Operation Completed in July 2013 (Total Removal)	Iron Ore	2011	Multi Beam
7	<b>MV SILVILAI</b>	01° 54.00' N 104° 08.36' E	-	NA	1984	-

MYWREMS – 7 CRITICAL WRECKS IN SOM



search

current wreck data

investigation report

user

version

[Go back](#)

[Back to last query result](#)

SHOW: WRECK/OBJECT

wreck number

1004

wreck name

MV California

country

Malaysia

office

Central Region

object acronym

WRECKS

wreck type

WRECKS not dangerous

date

short description

Ship Particulars  
Type - Bulk Carrier  
LOA - 242.02 m  
GRT 40182 Tons  
Flag - Panama  
Incident - Collision & Sinking  
Cut to 31m CD (2012) and charted by wreck symbol

active

active

area

EAST BOUND TSS OFF PULAU UNDA

locking

public

object type

IRON ORE

vertical accuracy

length

width

registered tonnage

drawing position

center

date of modification

Feb 19, 2019 3:42:41 PM

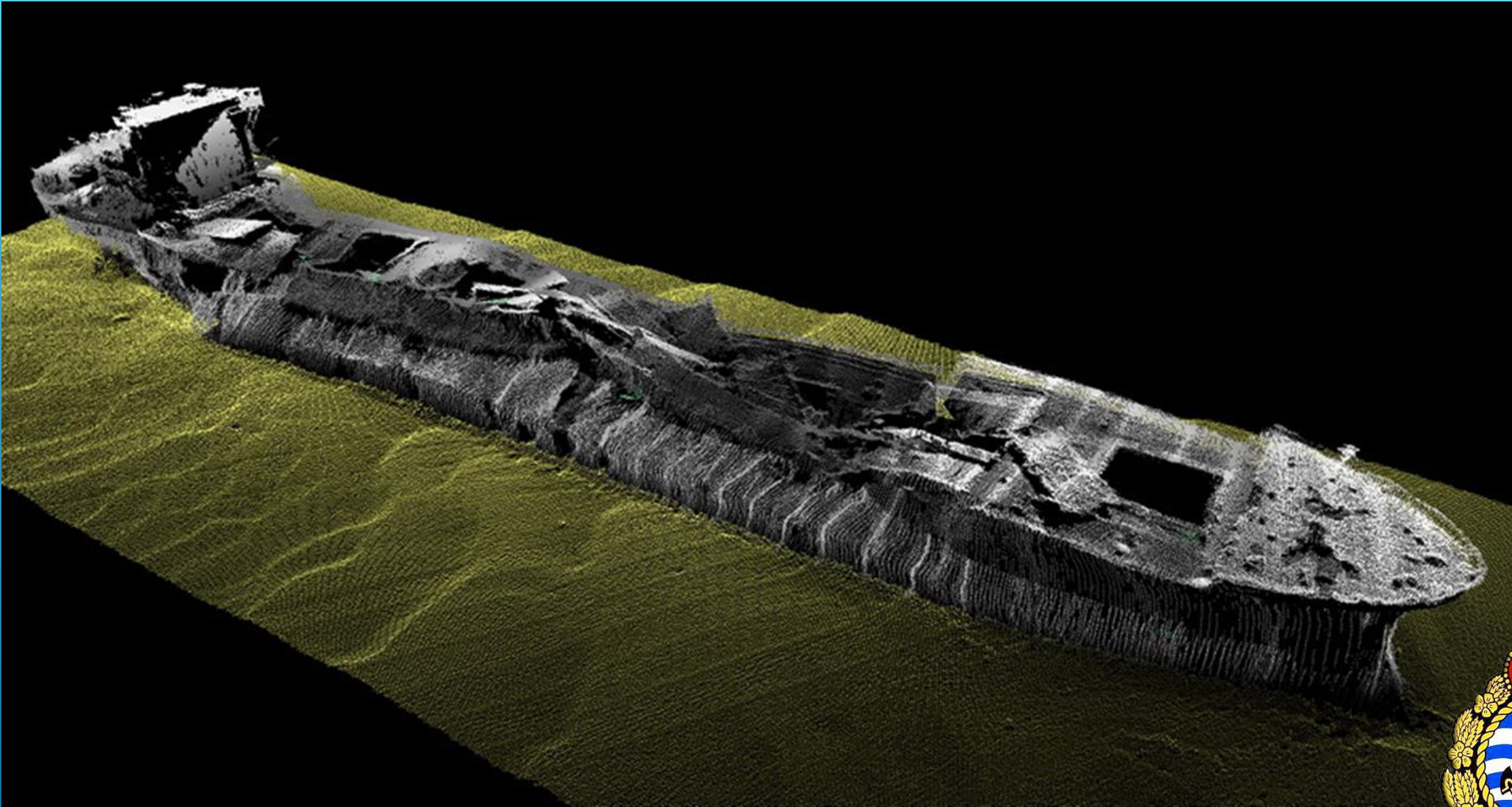
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104628

[cross reference investigations](#) [cross reference nautical charts](#)

Min/Max





**MV California**





- ▶ Future plans:
  - ▶ To utilize the fund's balance to conduct surveys to all 7 most critical wrecks.
  - ▶ To survey other critical wrecks.

MYWREMS



► THANK YOU

MYWREMS

