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PROGRESS REPORT ON PROJECT 1 Removal of Wrecks in the Traffic Separation Scheme in the SOMS



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MARINE DEPARTMENT MALAYSIA

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INTRODUCTION

- ✘ Annually more than 100,000 ships passed through the Straits of Malacca and Singapore (SOMS);
- ✘ In the Strait of Malacca, more than 80,000 ships passing through reported to the Port Klang VTS Centre and on average, 4947 (2010-2017) are deep draft vessels and carrying oil and chemical cargoes;

TRAFFIC IN THE STRAITS

	2007	2017
Total	70718	84456
Tanker	14931	20629
DDVs	3753	6711

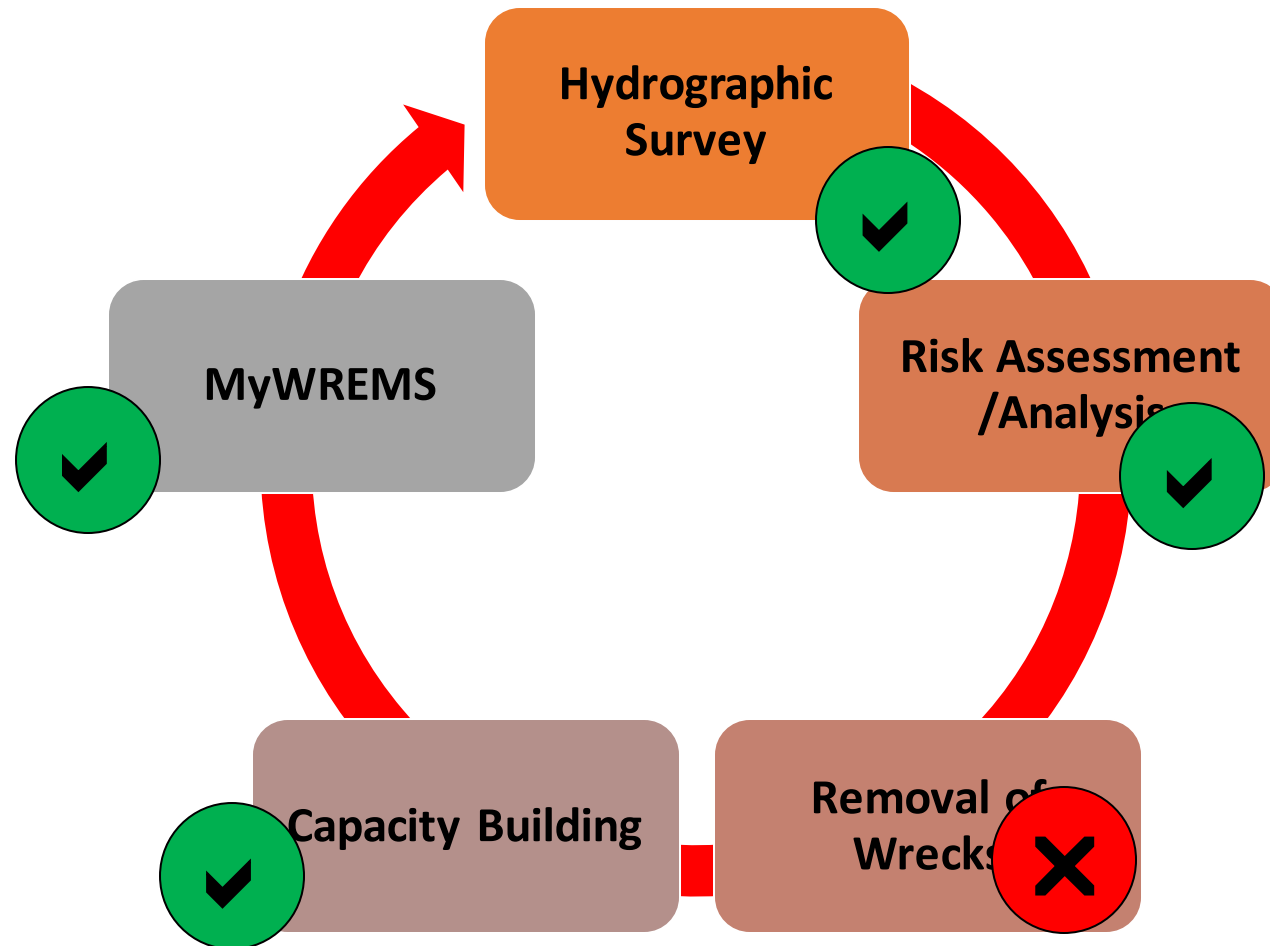
INTRODUCTION

- ✘ The rules for vessels navigating the Straits require deep draft vessels (DDV) and VLCC to have Under Keel Clearance (UKC) of at least **3.5m** so these deep draft vessels of 21m draft will need at least 24.5m water depth;
- ✘ Vessels with drafts of greater than 20m will have to carefully plan their passage through the SOMS to coincide with the incident of high water to ensure unimpeded passage;

OBJECTIVE

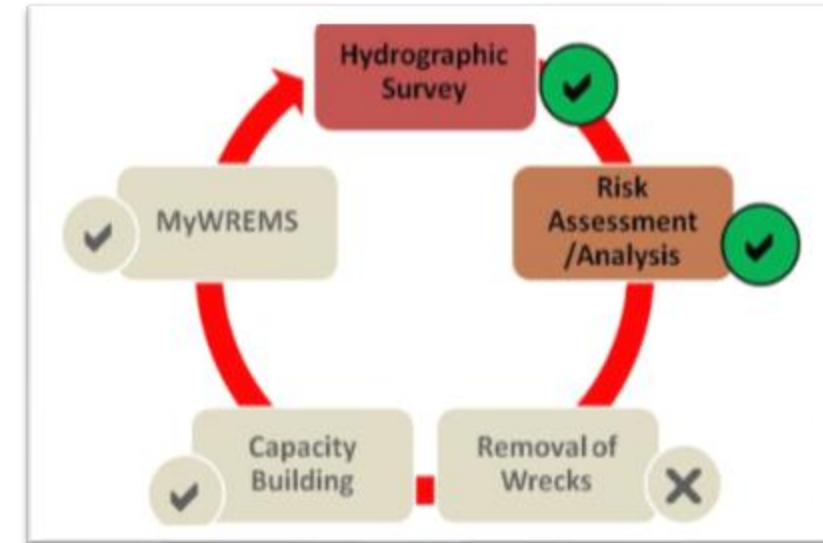
- ✘ To enhance the safety of navigation in the Straits of Malacca and Singapore (SOMS) particularly within the Traffic Separation Scheme (TSS) for deep draft vessels
- ✘ by determining the risks and removing of hazards to allow for continuous and unobstructed navigation.

SCOPE



UPDATES@ACHIEVEMENT

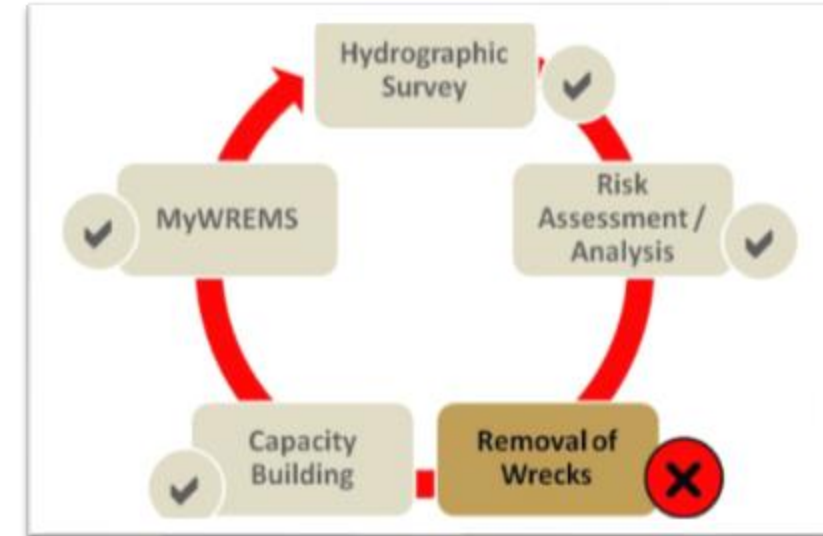
- ✘ Hydrographic Survey & Risk Assessment / Analysis
 - ✘ Hydrographic Survey and risk assessment of this project has been identified to be part of the MEH Project;
 - ✘ On going as part of Joint Hydrographic Survey in the SOMS project by MSC and expected to be accomplish on the 2021;



UPDATES@ACHIEVEMENT

✕ Removal of Wrecks

- ✕ Eleventh (11) wrecks have been identified;
- ✕ It was decided that the removal of these wrecks would be too costly;
- ✕ Littoral States had agreed to proceed with monitoring wrecks via Wreck Monitoring System;



UPDATES@ACHIEVEMENT

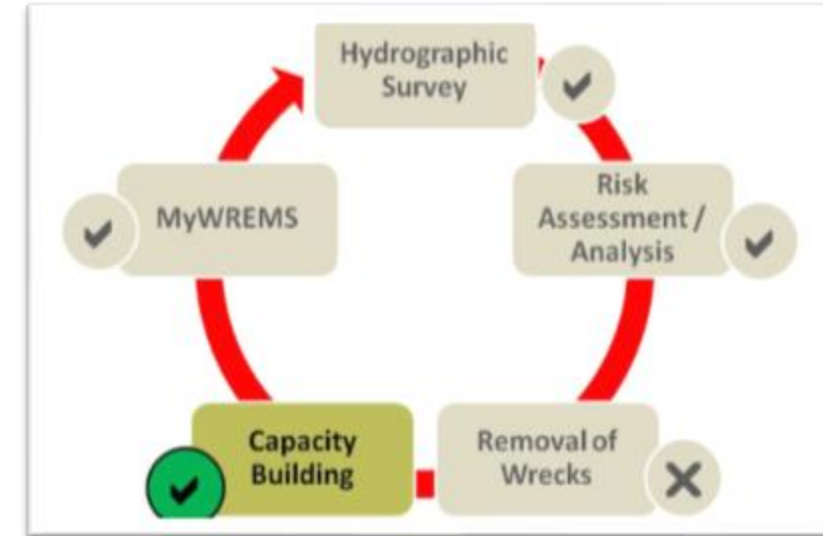
✘ Capacity Building

✘ 2 training program: -

- ✘ Capacity Building on the training program sponsored by India Government in Mac 2010 at Goa India;
- ✘ Officers from MDM and NHC undergo for “pilot based training” in Rostock, Germany in June 2017;

✘ Future Training

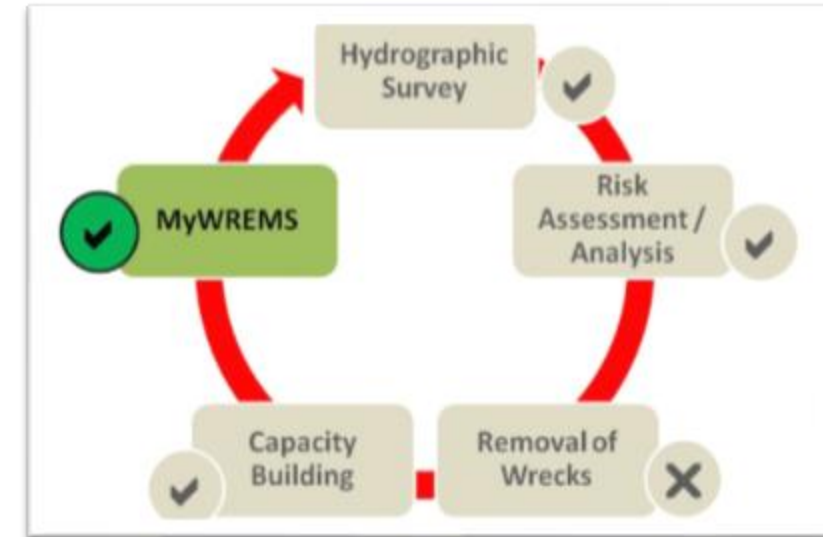
- ✘ Introductory course on MYWREMS by end 2018 in Kuala Lumpur



UPDATES@ACHIEVEMENT

✘ MYWREMS – Malaysia Wreck Management System

- ✘ 2013 to 2018
- ✘ Received financial support from IMO Straits Trust Fund;
- ✘ MYWREMS system is based on Germany's GUWIS i.e. German Under Water obstacle Information System;
- ✘ Consultation between Marine Department of Malaysia (MDM) & Federal Maritime and Hydrographic Agency of Germany (BSH);
- ✘ BSH, Germany which will prepare and conduct the training, most likely towards the end of the year 2018;



THANK YOU