

Expectations & Realities of Oil Spill Response in Malaysia



INTRODUCTION

Malaysia is a Nation blessed with;

Pristine coastline of 4800 km

Sensitive Ecosystem

- Mangrove Swamp - 640 km
- Bountiful Fishing Grounds
- Over 270 islands that support rich coral & other marine life

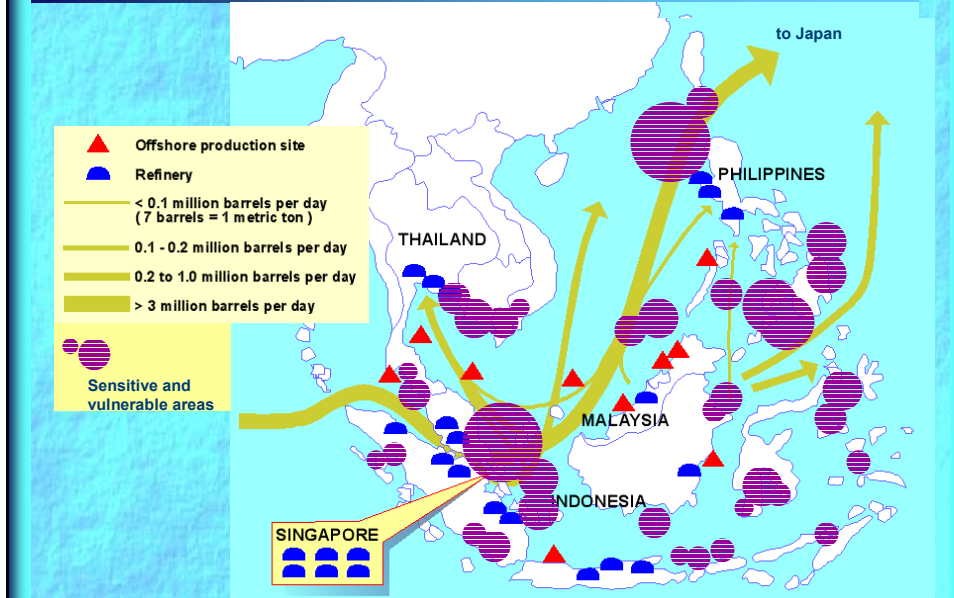
Tourism &
Maritime Industries

*But there are
threats.....*





The NOSCP is established to enhance the protection of the environment thru' provision of pooled resources to respond to oil spill contingencies arising in Malaysia and the EEZ



Malaysia's International Obligations to Oil Pollution Control

- International Convention for Prevention of Pollution from Ships, 1973 as Modified by the Protocol of 1978 (MARPOL 73/78)
- International Convention on Oil Pollution Preparedness, Response and Cooperation, 1990 (OPRC)
- 1992 Civil Liability and Fund conventions

MALAYSIA'S REGIONAL OSR ARRANGEMENT

- **SOP for Joint Oil Spill Combat Spill for Straits of Malacca and Singapore - 1981**
 - Malaysia, Indonesia and Singapore
- **Lombok-Macassar Oil Network Response Plan – 1987**
 - Malaysia, Indonesia and Philippines
- **SOP for Malaysia & Brunei Darussalam - 1993**
 - Malaysia and Brunei
- **ASEAN-OSRAP - 1994**
 - ASEAN countries

NATIONAL OIL SPILL CONTINGENCY PLAN

Objectives of NOSCP

- ✓ **Establishing coordinated oil spill response system**
- ✓ **Enhancing response capability within available resources & manpower**
- ✓ **Prevent detrimental effects of oil spill to the environment**



NATIONAL OIL SPILL CONTINGENCY PLAN

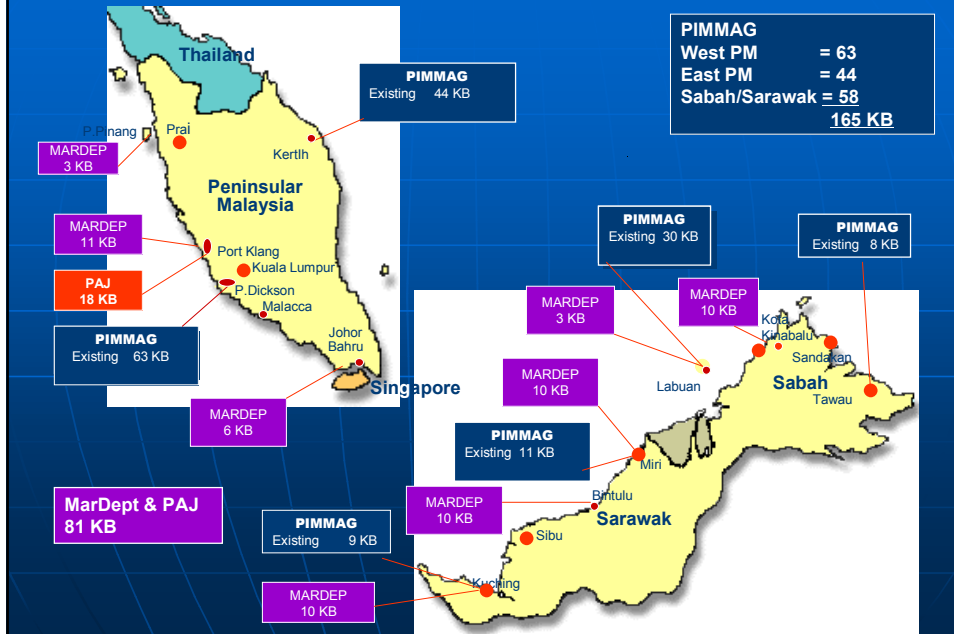
Tiered Response

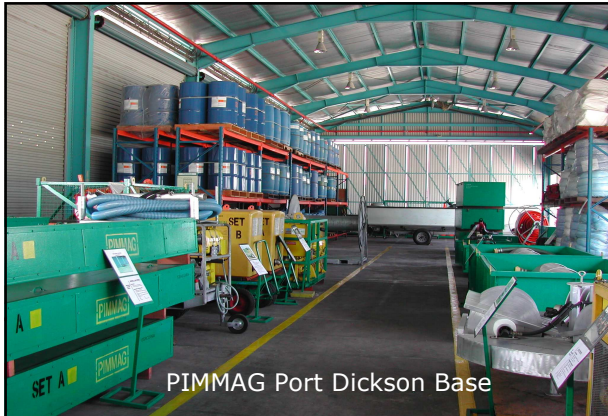
- ✓ **Local Response**
Small spill within port limit & control of local resources
- ✓ **State Response**
For spill that has gone beyond the control of local response
- ✓ **Regional Response**
Major spill which requires assistance from neighboring countries

MEMBERS OF NATIONAL OIL SPILL CONTROL COMMITTEE (NOSCC)

- Department of Environment
- Marine Department
- Fisheries Department
- Meteorological Services Dept
- Royal Malaysia Navy
- Royal Malaysia Air Force
- Royal Malaysia Police
- Police Air Wing
- Royal Custom & Excise
- Immigration Dept
- Wisma Putra
- National Security Div
- MMEA
- PETRONAS
- PIMMAG
- Fire & Rescue Dept

PIMMAG, PAJ & Marine Dept. OSR Capability in Malaysia





PIMMAG Port Dickson Base

PIMMAG & PAJ



PAJ Stockpile, Port Klang



Marine Dept Stockpile, Port Dickson

Marine Department Stockpiles



Marine Dept Stockpile, Miri

Marine Dept OSR Exercise



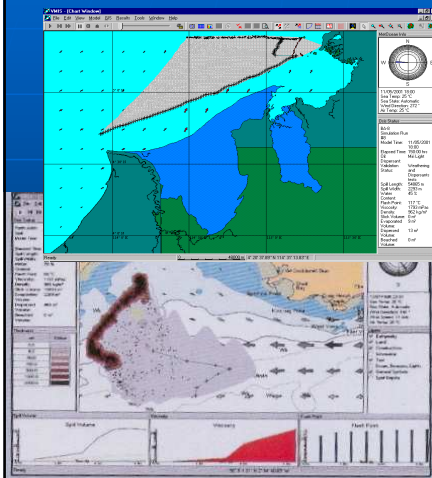
PIMMAG boom deployment Nov'05



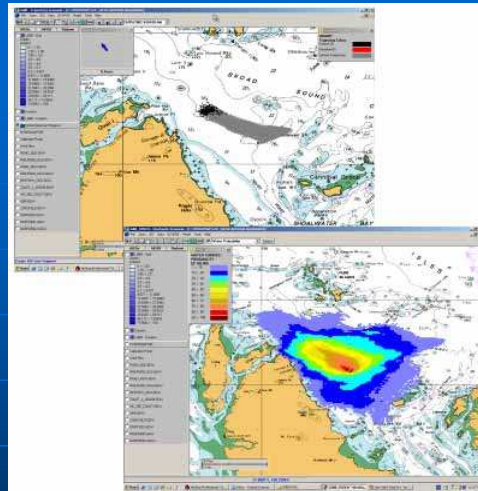
Revolving Fund Committee OSR exercise July 2005

OSR Exercises

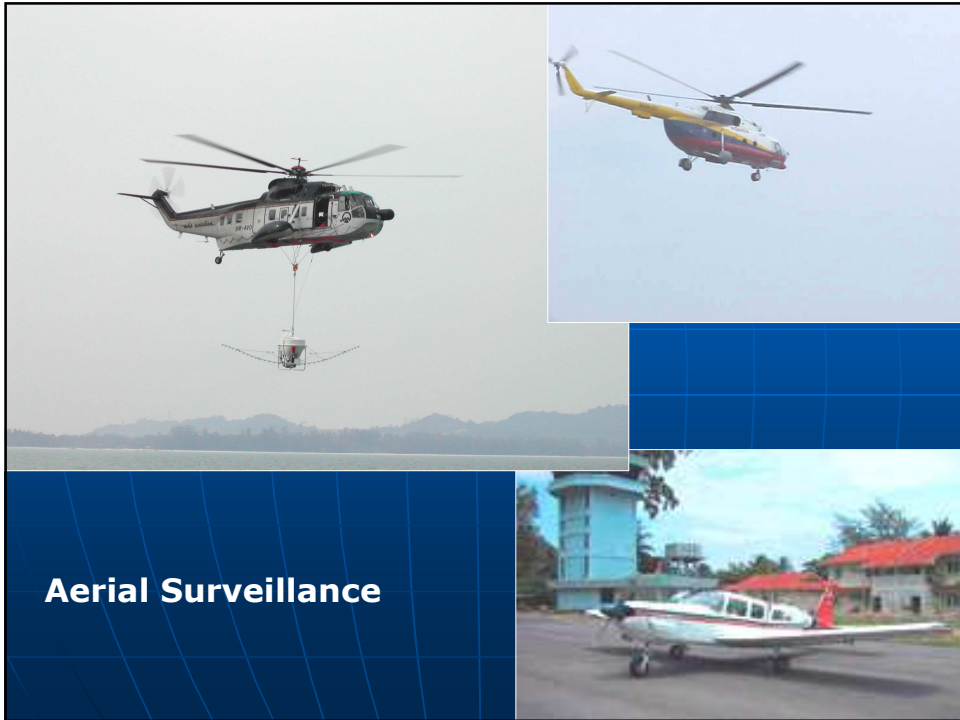
OIL SPILL RESPONSE INFORMATION PROGRAMMES



OSIS / SOCRATES



OILMAP

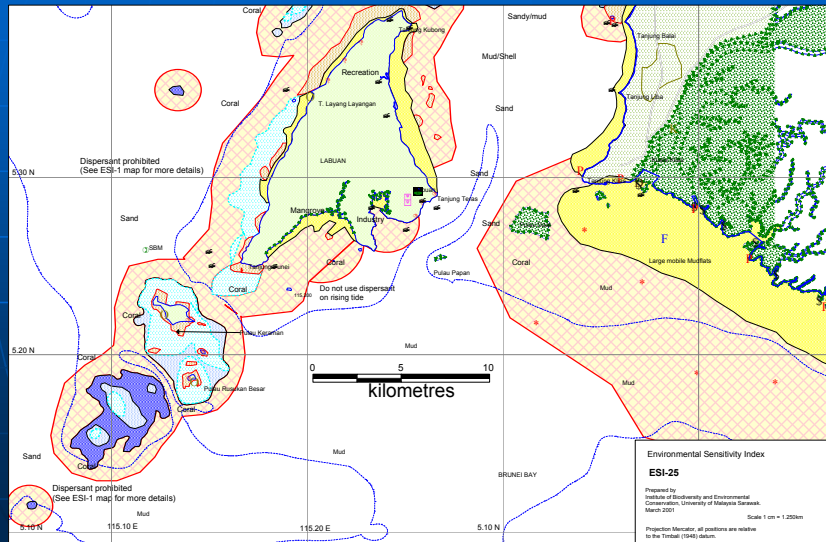


Aerial Surveillance

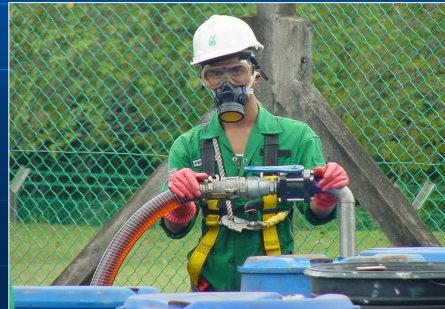


Oil Dispersant

DOE approval is required for use of dispersant.
Penalty for non-compliance with Environmental Quality Act 1974 is up to RM500,000 or 5 years jail or both



Manpower



Oil Recovery



Waste Management

Waste streams ;

1. Oil and water
2. Oil and organic debris e.g. leaves, logs
3. Oil and inorganic material e.g. absorbents booms
4. Oil, pebbles and other sediment particles e.g. oily sand
5. Oiled Personal Protective Equipment



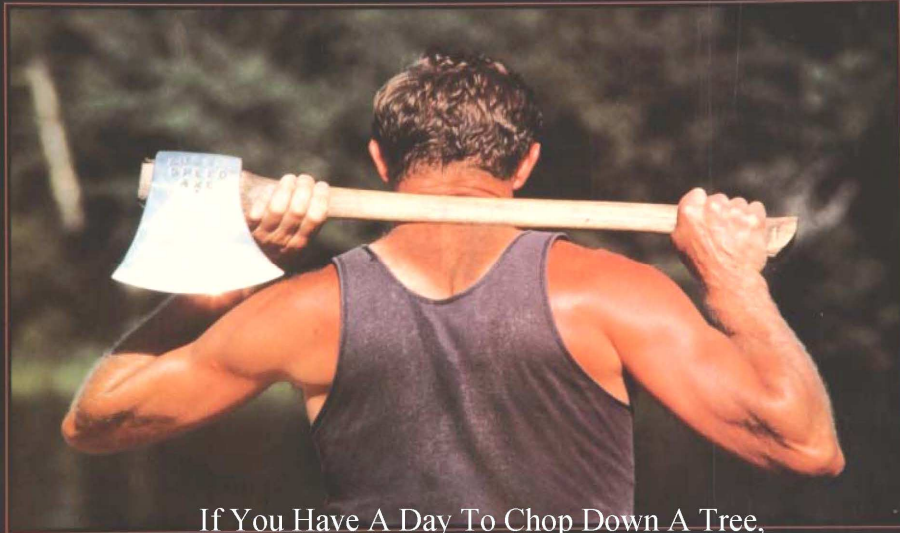
After the clean-up

Spiller is required to submit a detailed report of;

- Oil spill clean-up operations
- Waste management
- Environmental damage assessment
- Oil pollution mitigation
- Periodical monitoring
- Claims and compensations
- Cause of the spill
- Measures to prevent recurrence



P·R·E·P·A·R·A·T·I·O·N



If You Have A Day To Chop Down A Tree,
Spend Half A Day Sharpening Your Axe