



M P A
SINGAPORE

First Joint Malaysia & Singapore Exercise to tackle Chemical Spills at Sea

Presentation to

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Date (06 Oct 2015)

Background



MSJCE¹

Bilateral cooperation programme between Singapore and Malaysia to tackle environmental challenges.



**Emergency
Response Plan**

Emergency Response Plan jointly developed by relevant Singapore agencies & Malaysia's Department of Environment (DOE) under the auspices of MSJCE.



**Joint Chemspill
Exercise**

ChemSpill Exercise to enhance preparedness and test the roles & responsibilities of different responding agencies.

Joint Emergency Response Plan

Objectives

- To test the alerting, notification & communication procedures;
- To acquire information from different sources, assess and exchange information;
- To agree to a realistic response strategy, deploy the most appropriate response equipment expeditiously; and
- To practice the command and control roles of government & industry players.



Exercise – 9 April 2014

Scenario

- Chemical tanker had departed Pasir Gudang, Johor and encountered steering failure.
- Drifted into Singapore waters & collided with cargo vessel.
- Tanker sustained damage to one of its cargo tanks and spilled the chemical, Xylene.
- 2 crew member on board the chemical tanker were injured & found unconscious.
- Shipmaster estimated about 100 tonnes of Xylene spilled into the environment.

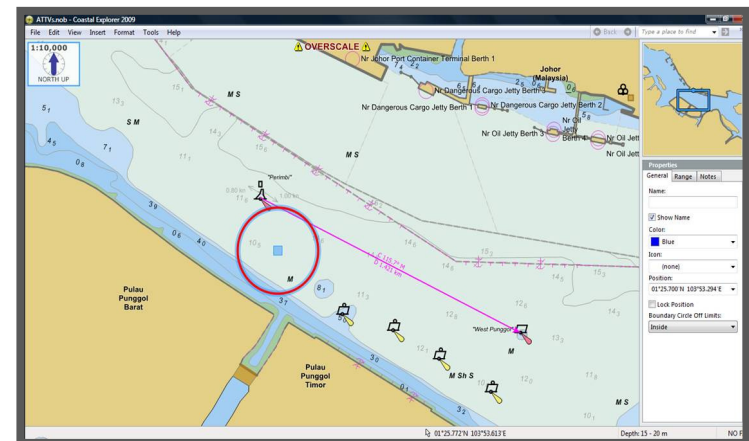




Photo 1: Conducting water spraying at the incident site
to combat the chemical spill



Photo 2: Rescue & evacuation of an injured crew



Photo 3: Simulation of fire suppressing agent & measurement of chemical in air

Malaysia Response Agencies



Malaysia Marine Dept. (MMD), Malaysia Maritime Enforcement Agency (MMEA), Marine Police, Johor Port Authority


Singapore Response Agencies



MPA, SCDF Marine Command, Singapore Police Coast Guard,
Oil Spill Response Limited (OSRL)

Joint Media Releases

MPA & NEA Joint Release



JOINT MEDIA RELEASE

FOR IMMEDIATE RELEASE

FIRST JOINT MALAYSIA AND SINGAPORE EXERCISE TO TACKLE A CHEMICAL SPILL AT SEA

First emergency response exercise in the Straits of Johor as part of bilateral cooperation under Malaysia-Singapore Joint Committee on the Environment

Singapore, 9 April 2014 – To test the readiness of Singapore and Malaysia's agencies, the Maritime and Port Authority of Singapore (MPA) and the Malaysia Marine Department (MMD) today conducted the first ever joint chemical spill exercise at sea, along the Straits of Johor.

2 As part of the bilateral cooperation programme under the Malaysia-Singapore Joint Committee on the Environment (MSJCE), the Emergency Response Plan (ERP), jointly developed by MPA, MMD, National Environment Agency (NEA) and Johor Department of Environment (DOE), seeks to enhance the preparedness of emergency response agencies from both countries in tackling potential chemical accidents involving the seaborne transportation of hazardous chemicals in the Straits of Johor.

BORNEO Post, 10 Apr 2014



Friday, September 25, 2015

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Nation

Malaysia, Singapore hold first joint exercise to tackle chemical spills at sea

April 10, 2014, Thursday

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SINGAPORE: Malaysia and Singapore yesterday held their first-ever joint exercise to tackle chemical spills at sea.

The exercise, conducted by the Maritime and Port Authority of Singapore (MPA) and the Malaysia Marine Department (MMD), was held in the Strait of Johor that lies between Johor and Singapore.

A statement issued by the MPA and Singapore's National Environment Agency (NEA) said the exercise was held to test the readiness of Singapore and Malaysia's agencies in the event such an incident occurred in their waters.

The statement quoted MPA chief executive Andrew Tan as saying that regional co-operation was important as incidents at sea resulting in chemical and oil spills were often transboundary in nature.

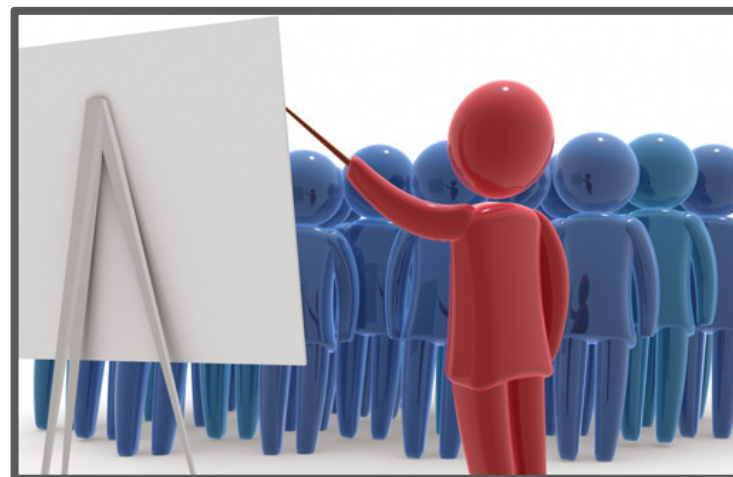
"This is the first bilateral exercise we have conducted to tackle a chemical spill at sea. Such an exercise allows us to test regional and multi-agency response capabilities so that we are ever ready and well-prepared to respond swiftly and effectively to any maritime accidents, be it a collision, chemical leak or oil spill," he was quoted as saying. — Bernama

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Moving Forward

- To continue with joint field exercises biennially to test the response strategy, under MSJCE auspices;
- To enhance exchange of information and communication procedures;
- To regularly update the SOPs;
- To continuously enhance our preparedness to respond effectively to chemical incidents through regular tabletop and field exercises; and
- Next joint field deployment exercise is scheduled in 2016.



Thank You
