



11th Project Co-ordination Committee Meeting

Workshops on Oil Spill Assessment & Monitoring in the Strait of Malacca and Singapore (SOMS)

Protection of the Marine Environment-Prevention
and Preparedness for the Marine Pollution



Contents



Background



Contents



Conclusion



Part 1

Background



Part 1 Background



On the 18th Meeting of the Aids to Navigation Fund (ANF), the Workshops on Oil Spill Risk Assessment & Monitoring in the Straits of Malacca and Singapore (SOMS) were approved.

The workshops were held in Guangzhou, China , on March 18-23,2018, with 38 attendees.



Part 2

Contents



Part 2 Contents



1

Introduction

National reports

2

Lectures

**Share experiences
together
Discuss several cases**

3

Field Visits

**Visit MSA branches
Visit oil spill response base
Watch some demonstrations**

Part 2 Contents-Introduction



- Overview of China Maritime Safety Administration
- National Report from Indonesia, Malaysia and Singapore
- Introduction on Oil Spill Risk and its Preparedness Strategy including Oil Monitoring Capacity Building in China



Part 2 Contents-Lectures (for Workshop Oil Spill Risk Assessment)



- Techniques for preferable response to accidents involving spills of hazardous substances in the marine environment.
- Assessment of pollution risk and response during the accidents by 2 selected cases.

- Oil spill risk assessment methods, technologies and application
- Case study on the application of technical guidelines on environmental risk assessment of oil spill on waters



Part 2 Contents-Lectures For Workshop Oil Spill Monitoring



- Operational oil spill simulation and response support



- Principles and application of satellite remote sensing on oil spill monitoring

- The techniques of the detection of oil spill on water by airborne remote sensing;
Application of unmanned helicopter in oil spill surveillance and monitoring

- The application of sensing and remote sensing technology to improve marine administration and emergency response

Part 2 Contents-Technical visit in Huizhou

Huizhou
MSA

Demonstration of the terminal/port
oil spill monitoring and alarm system

Introduction to the shore-based oil spill
detection radar under construction



Part 2 Contents-Technical visit in Huizhou



Huizhou
Oil Spill
Response
Base

➔ Embark on an oil recovery ship
and learn more about
the shipboard oil monitoring equipment

➔ Visit the stockpile of
oil spill emergency response equipment



➔ On-site demonstration of the oil spill model of CNOOC





Part 2 Contents-Technical visit in Zhongshan

Zhongshan
MSA

01 Demonstration of the SMART Maritime Platform.

02 Demonstration of the CCTV oil monitoring system to which the ultraviolet fluorescence detection equipment is integrated.



Part 2 Contents-Technical visit in Zhongshan



Demonstration of movable stockpile of oil spill emergency response equipment

Demonstration of oil spill monitoring equipment:

UAV, underwater robot, alarm buoy, tracking buoy and current kite.



Part 2 Contents-Closing Ceremony



Closing remarks by
each delegation

Exchange
gifts



Awarding
certificates of
attendees





Part 3

Conclusion



Positive outcomes



01

Advanced technology and good experience shared extensively

02

Capacity of oil spill response improved greatly

03

Cooperation and friendship enhanced further



Thanks for watching

If there's any question,
don't hesitate to contact us.
Email: cmciic@gdmsa.gov.cn