Australian Marine Oil Spill Centre

Phillip Starkins
Australian Marine Oil Spill Centre

Overview

- AMOSC
- Principles of organisation & approach
- Spills
- Opportunities

Australian Marine Oil Spill Centre

- Formed in 1991.
- Annual operating cost provided by member companies – membership based across three ‘tiers’.
- Not for profit, industry funded response organisation.
- Surge & technical resources; Mutual aid; Capability building; Advocacy & policy

AMOSC Response Capability

- Australia's Indusrty Level/Tier 3 equipment stockpile
  - Dispersant: surface and subsea
  - Subsea First Response Toolkit (seabed debris clearance)
  - Light boom / heavy boom / single vessel systems
  - Light skim / heavy skim
  - OWR kits
  - Temp storage
  - (Shoreline) PPE – east and west coast cache
  - SMV – drones, satellite, OSTM & tech expertise
- 17 staff / Core Group of 120 company personnel

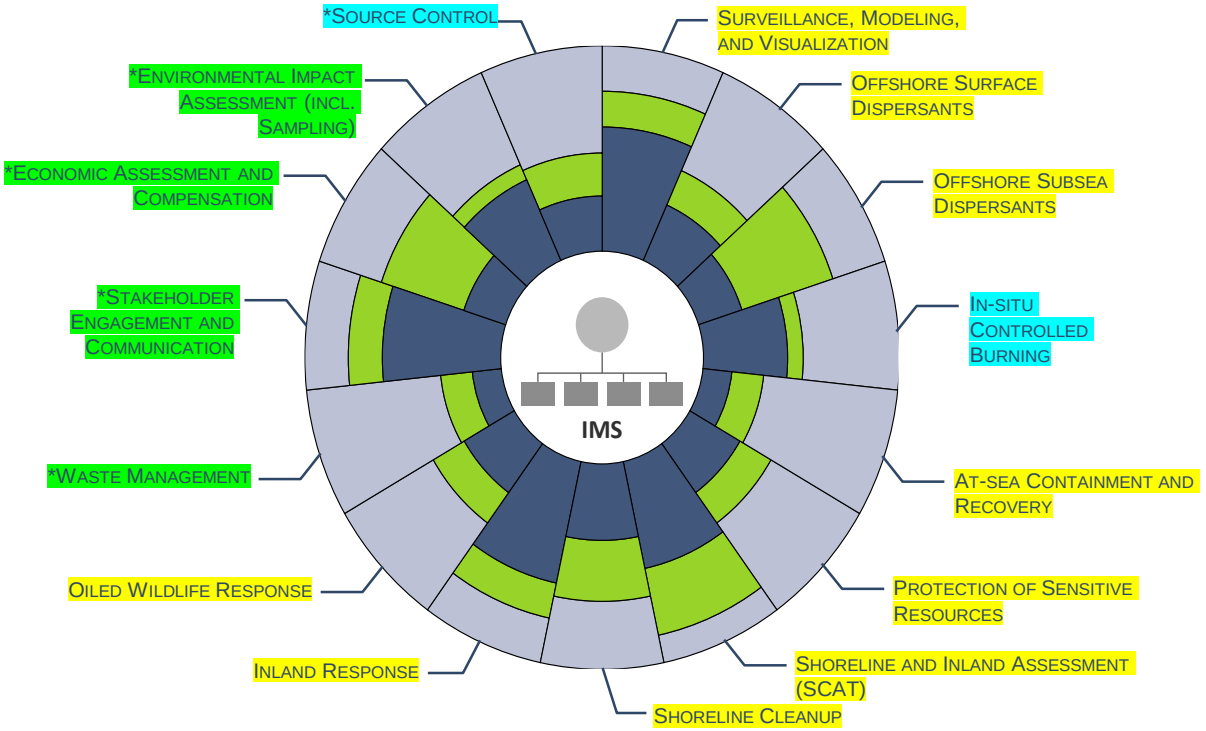
Capabilities of Tiered Preparedness and Response

The following 15 capabilities essentially represent the scope of Tiered Preparedness and Response:

AMOSC, Government & Mutual Aid – strong capability

External company resources – tier three required

Members & third parties support



Stockpile locations

Industry Mutual Aid / AMOSPlan

Resources

AMOSC own equipment and personnel

Company personnel to AMOSC via *Core Group Secondment Agreement*

Industry resources to AMOSC via *Principal and Agency Agreement*

AMOSC

Requirements

Resources to National Plan via *AMOSC/AMSA Master Service Contract*

To Industry Companies *Master Service Contract*

Oil Pollution Preparedness, Response and Cooperation, 1990 (OPRC90)

Upstream Petroleum: *Offshore Petroleum and Greenhouse Gas Storage Act*

Ships and shipping *'Protection of the Sea Acts' (State and Federal)*

Environment Regulations

National Plan

Operators undertaking petroleum activities: EP (with OPEP)

Operators of Port Facilities: OPEP/OSCP

Australian System: International Conventions

ITOPF

COUNTRY & TERRITORY PROFILES
A Summary of Oil Spill Response Arrangements & Resources Worldwide

AUSTRALIA

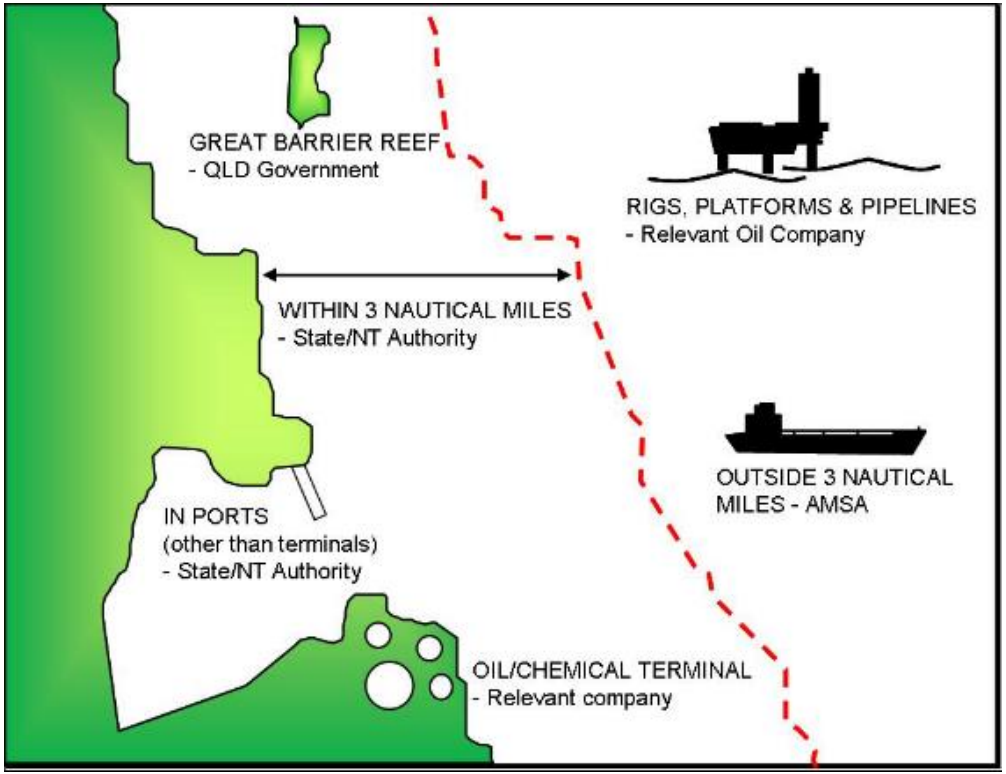
CONVENTIONS

Prevention & Safety					Spill Response		Compensation						
MARPOL Annexes					OPRC	OPRC	CLC			Fund	Supp	HNS*	Bunker
73/78	III	IV	V	VI	'90	-HNS	'69	'76	'92	'92	Fund		
✓	✓	✓	✓	✓	✓	✓			✓	✓	✓		✓

* not yet in force

Federated system of government

Australian System: Control Agencies/Jurisdictional Authorities



Member – Control Agency

Government Agency – Control Agency

AMOSC
Australian Marine Oil Spill Centre Pty Ltd

Response

- *Solomon Trader*
  - HFO spill
  - Very very remote – nil infrastructure
    - Spill response part of diplomatic efforts
  - 2 x C&R strike teams, surveillance strategy
  - WHS

- Sydney Harbour
  - Fuel oil spill – pipe & bunding failure
  - North shore – busiest waterway in Australia
  - Member directed by local EPA to undertake high pressure, hot fresh water cleaning of artificial rock faces & walls
  - Worked with member – educate the regulator & execute the tactics

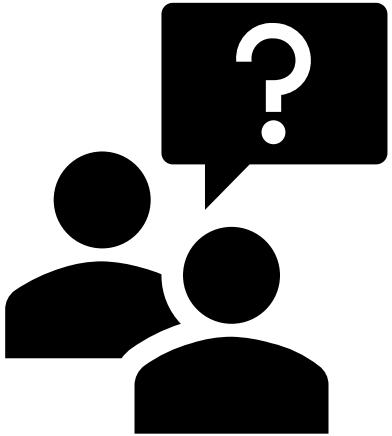
Opportunities

- ‘Rings of assurance’
  - Focus on preparedness/divorced from response
- Consistency
  - ‘But its different…’ factor
  - Shoreline/Nearshore TRPs and STR’s
- Regional exercises & drills
  - Management and operations
- Collaboration on ‘common good’ work sets
  - Workplace health & safety
    - Exposure and human monitoring
  - Dispersant use & maintenance protocols
- Operational & Scientific Monitoring Programmes
  - Holder of contracts for OM’s & SM’s execution

Opportunities

- Review of the Australian *National Plan for Maritime Environmental Emergencies*
  - Resource (equip & people), technical and know-how sharing
  - Shipping & petroleum
- IMT personnel capability & capacity reasoning
  - Guidance paper on # against bands of scenarios
- New warehousing and office space; east coast response vessel

Any questions?

Thank you for you time.

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