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AMOSPlan



AUSTRALIAN INDUSTRY COOPERATIVE OIL SPILL RESPONSE ARRANGEMENTS



AMOSC is a member of the Global Response Network

AMOSPlan
AUSTRALIAN INDUSTRY COOPERATIVE OIL SPILL RESPONSE ARRANGEMENTS

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AUSTRALIAN INDUSTRY COOPERATIVE OIL SPILL RESPONSE ARRANGEMENTS

INTRODUCTION

The cooperative arrangements for response to oil spills by the Australian oil and associated industries are brought together under AMOSPlan.

AMOSPlan is managed by the Australian Marine Oil Spill Centre (AMOSC), which also coordinates the participation of the oil industry in the National Plan to Combat Pollution of the Sea by Oil and Other Noxious and Hazardous Substances (National Plan).

The National Plan is the umbrella contingency planning and response arrangement for Australia and is a cooperative arrangement between the Commonwealth, State and Northern Territory Governments and the shipping and oil industries for responding to marine oil spills. The National Plan is administered by the Australian Maritime Safety Authority (AMSA), a Commonwealth Government business enterprise.

AMOSPlan totally replaces the previous industry mutual aid arrangement referred to as the Marine Oil Spills Action Plan (MOSAP).

This publication has been prepared as a guide to the industry's mutual aid arrangements and their place in the National Plan.

This document is available on the AMOSC web-site (www.aip.com.au/amosc)

The full contact details for Mutual Aid Contacts are on the Web – access details are available from AMOSC.

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AUSTRALIAN INDUSTRY COOPERATIVE OIL SPILL RESPONSE ARRANGEMENTS

OVERVIEW

Companies exploring for or producing oil offshore or transporting oil by sea maintain individual capabilities – both equipment and personnel – to respond rapidly to oil spills occurring at their facilities.

In recognition that oil spills may occur that require response efforts beyond the individual company capabilities, the companies have over a number of years developed cooperative arrangements providing for mutual aid.

These mutual aid arrangements are brought together under AMOSPlan.

AMOSPlan embraces the:

- Response and training activities of AMOSC; and
- Company to company mutual assistance arrangements administered by AMOSC.

AMOSC, a subsidiary company of the Australian Institute of Petroleum (AIP), operates the oil industry's major oil spill response facility. Located at Geelong, AMOSC's stockpile of oil spill response equipment includes oil spill dispersant and containment, recovery, cleaning, absorbent and communications equipment.

AMOSC has a permanent staff of seven. In responding to oil spills, the permanent staff is supplemented by participating Oil Company personnel specially trained for this purpose. Some eighty-four company employees form the AMOSC Core Group.

In addition to oil spill response, AMOSC operates training courses at its well resourced training centre at Geelong and at company sites. These training courses cover the full range of oil spill response activities – from equipment operation through to management activities. AMOSC also provides advice, auditing, and contingency planning and exercise management services.

Selected AMOSC equipment is also available under short term hire arrangements, to cover temporary requirements for equipment, such as offshore drilling operations.

Under AMOSPlan designated oil spill response resources of individual companies are made available to other companies and to the National Plan under service contract agreements administered by AMOSC.

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AUSTRALIAN INDUSTRY COOPERATIVE OIL SPILL RESPONSE ARRANGEMENTS

PARTICIPATION IN AMOSPLAN

Companies may participate in the AMOSPlan arrangements by subscribing to AMOSC in one of the following categories:

PARTICIPATING COMPANY

This category comprises the major oil producing companies and refiner/marketer companies. Annual subscriptions towards the capital and operating costs of AMOSC for these companies reflect production, refining capacity or annual movements of oil by sea.

ASSOCIATED COMPANY

This category comprises ship owners and operators and smaller companies engaged in oil exploration, production and/or distribution. However, in contrast to the Participating Companies, companies in this category are not required to undertake to lend any of their own resources through AMOSPlan.

Associated Companies have access to AMOSC training workshops at Participating Company rates. Access to AMOSC and other company resources for oil spill response is available at 1.5 times Participating Company rates.

AMOSC Associated Companies pay a fixed annual subscription ("See ["HOW TO SUBSCRIBE"](#) on AMOSC Website for current rate).

In addition a joining fee equivalent to the current annual subscription is payable for each approved application regardless of previous membership.

AMOSC Participating and Associated Companies are all corporate members of AIP, the cost of which is included in the above subscriptions.

The current list of companies is in Appendix I.

Non-subscriber companies are able to access training and oil spill response equipment and personnel under AMOSPlan – either through AMOSC or through AMSA.

For non-subscriber companies, training is accessible at 1.2 times Participating Company rates. Should a company elect not to subscribe to AMOSC but subsequently request the use of AMOSC or other company resources, these are available at 2.0 times Participating Company rates.

For non-subscriber companies that explore or produce offshore or ship or receive oil as cargo and make a conscious decision not to subscribe to AMOSC, an access charge of \$250,000 (including GST) also applies at time of call-out. This charge is additional to the resource hiring charges.

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AUSTRALIAN INDUSTRY COOPERATIVE OIL SPILL RESPONSE ARRANGEMENTS

AMOSPLAN IN OPERATION

LEGAL ARRANGEMENTS

Several legal agreements underpin AMOSPlan. These address AMOSC's operating arrangements, the basis on which company personnel and equipment can be made available to AMOSC and the basis on which AMOSC can make personnel and equipment available in response to oil spills.

The agreements are:

- AMOSC Centre Rules

The Centre Rules define the basis of AMOSC's operations, its relationship with Participating and non-Participating Companies and its area of operation.

- Core Group Secondment Agreements

These Agreements, between AMOSC and each Participating Company, set out the basis on which Core Group members can be seconded from each company to AMOSC, normally to supplement AMOSC's own staff in an oil spill response.

- Principal and Agency Agreements

These Agreements, between AMOSC and each Participating Company, set out the basis on which personnel and company-owned equipment can be loaned by each Company to AMOSC.

The relevant Company acts as Principal, undertaking to supply resources as available and being able to recover these if required for an own incident. AMOSC acts as Agent, also insuring the equipment for the Principal.

The costs of hire of equipment are not specified in this Agreement, but typically would be at the schedule of rates for equivalent AMOSC equipment. However, particularly in a mutual aid arrangement, the parties may agree a different hire rate at the time. The agreement specifies that the Principal rebates out of pocket costs including insurance to AMOSC and a fee of 10% to AMOSC, except no fee is payable when the agreement is for mutual aid between Participating Companies.

- Master Service Contracts

These Contracts, between AMOSC and each Participating and Associated Company, set out the basic conditions of hire of resources from AMOSC.

In the event that a company is involved in an oil spill incident necessitating activation of its Contract, a supplementary Service Contract specifies the equipment and/or personnel to be hired. The specified equipment will vary depending on the nature and location of the oil spill incident.

The equipment and personnel covered by these Contracts include AMOSC personnel and equipment and personnel and equipment hired by AMOSC from the Participating Companies.

The legal linkages are shown in Appendix II.

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AUSTRALIAN INDUSTRY COOPERATIVE OIL SPILL RESPONSE ARRANGEMENTS

ACTIVATION

COMPANY ACTIVATION

AMOSPlan is activated by a company when the response to an oil spill incident is regarded by the company as requiring resources beyond those of the company itself.

In the event that the oil spill response requires the call out of AMOSC's own resources, the call out request is made directly to AMOSC by the approved authority in the company.

Should the response require mutual aid from equipment owned and personnel employed by another company, the request for assistance is made directly company to company via each company's nominated Mutual Aid Contact. These Mutual Aid Contacts have been nominated in each location where industry related marine oil activity takes place.

In parallel with the direct contact between companies, the borrowing company is required to contact AMOSC to activate the relevant Principal and Agency Agreement (of the lending company) and/or Service Contract (for the borrowing company).

A decision tree, describing the initiation of the response to an industry incident is set out in Appendix III.

SUPPORT TO THE NATIONAL PLAN

A Master Service Contract is in place between AMOSC and AMSA, enabling AMSA to hire equipment and personnel from AMOSC on behalf of the National Plan. These resources include both AMOSC's own resources and those that may be available from Participating Companies.

The Principal and Agency Agreements in place with AMOSC allow resources from these companies to be hired through AMOSC by AMSA on behalf of the National Plan.

Should a non-industry National Plan party require industry resources to assist in oil spill response; the request must be channelled via AMSA to AMOSC.

MUTUAL AID CONTACTS

The duties and responsibilities of the Mutual Aid Contacts are set out in Appendix IV.

The ports and offshore facilities with nominated Mutual Aid Contacts are set out in Appendix V.

The full contact details for Mutual Aid Contacts are on the Web, but for security reasons are not directly accessible from the AMOSC site.

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AMOSPLAN AND THE NATIONAL PLAN

The oil industry's oil spill response capabilities are fully integrated into the *National Plan to Combat Pollution of the Sea by Oil and other Noxious and Hazardous Substances*.

Operational responsibilities for the participants in the National Plan are set out in the intergovernmental Agreement on the National Plan to Combat Pollution of the Sea by Oil and Other Noxious and Hazardous Substances available on the AMSA web site -

<http://www.amsa.gov.au/me/natplan/interplan.htm#functions>

In the Administrative Arrangements, responsibilities are defined in terms of Statutory Agency and Combat Agency.

The Statutory Agency is the Agency that has statutory responsibility for oil pollution matters in the relevant area. The Statutory Agency is in all cases a Commonwealth, State or Northern Territory Government Agency.

The Combat Agency means the Agency having responsibility for action in response to the oil spill. In some cases, the Combat Agency will be the same body as the Statutory Agency.

Combat Agency responsibilities are illustrated in Appendix VII.

Industry resources are available to the National Plan, through AMOSPlan as described in the previous chapter.

Industry personnel participate in National Plan activities in a number of ways:

I) Oil Spill Response Activities

In addition to their involvement in oil spill response through AMOSPlan, oil industry employees participate in National Plan activities as follows:

- A) **Industry Advisers** have been nominated from AMOSC subscriber companies to provide a direct link from the government appointed Marine Pollution Controller to the affected company. The Industry Adviser is able to provide advice and company resources to the response organisation. In addition the Industry Adviser acts as the link from the response organisation to the Adviser's own company.

The nominated Industry Advisers are listed in Appendix VIII.

- B) **Industry Personnel** have also been nominated as members of the National Response Team – a group of key industry and government personnel nominated for their experience and expertise to assist the Combat Agency in response to an oil spill. This is administered by AMOSC.

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AUSTRALIAN INDUSTRY COOPERATIVE OIL SPILL RESPONSE ARRANGEMENTS

II) Contingency Planning

Industry representatives are involved at both Commonwealth and State/Northern Territory levels in Committees established under the National Plan:

- A) **The National Plan Management Committee (NPMC)** provides strategic direction to AMSA in managing the National Plan. AIP represents the oil industry on the NPMC.
- B) **The National Plan Operating Group (NPOG)** provides advice and assistance to AMSA. NPOG meets bi-annually. AMOSC represents the oil industry on NPOG.
- C) **The State/Northern Territory Oil Spill Committees** have major responsibilities in oil spill contingency planning, equipment location and oil spill response.
- D) The relevant oil industry companies are members of the State Committees.

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OIL SPILL RESPONSE EQUIPMENT IN AUSTRALIA

Oil spill response equipment in Australia is owned as follows:

- National Plan

This equipment is purchased by AMSA, using National Plan funds and is under the custodianship of AMSA, State agencies or some industry companies. The equipment is available for hire, via the custodian.

- State Agencies

Some States have elected to purchase equipment over and above the National Plan allocations. This equipment is available for hire via the State agency.

- AMOSC

The major central stockpile held at Geelong (and support stocks held in Exmouth & Broome) is available for hire through AMOSC.

- Industry

This equipment is owned by various companies and is positioned to allow these companies to carry out their Combat Agency responsibilities. Some of this equipment is available as part of the mutual aid arrangements.

All National Plan, all AMOSC and those industry equipment resources potentially available for response to an incident are listed in the Marine Oil Spill Equipment System (MOSES) database, included as Appendix IX.

MOSES is administered by AMSA. The current version of MOSES is available by email from AMSA.

Updates of industry equipment and contact details should be forwarded to AMOSC.

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AERIAL DISPERSANT SPRAY CONTRACT

Since 1996, a contract arrangement has been in place through AMSA, on behalf of the National Plan, to make agricultural aircraft available for dispersant spraying. A renewal of this contract commenced 5 January 2009 with the initial contract period being two and a half (June 2011) years.

The contract with AMR ensures six aircraft are available to leave base within four hours of mobilisation, one each located as follows:

1. Eastern Zone – Moree NSW
2. North Eastern Zone – Emerald QLD
3. Northern Zone – Batchelor NT
4. Western Zone – Ballidu WA
5. Southern Zone – Adelaide SA
6. South Eastern Zone – Ballarat VIC

Aircraft used under this contract must meet detailed specifications including a requirement for turbine power, typically met by, for example, Airtractor type aircraft. Aircraft must also comply with all Civil Aviation Safety Authority requirements including those for low flying. Most aircraft nominated are AT502 type of 1850 litre capacity and range up the AT802 of 3000 litre capacity.

Aircraft are required to operate up fully loaded a minimum 30 NM offshore from the coast.

In addition to the supply of aircraft, AMR are contracted to provide a Liaison Officer and Dispersant Loading personnel.

The Liaison Officer represents AMR and is responsible for assisting with the management and supervision of AMR's aircraft and dispersant loading operations during an incident.

The Loading Crew will consist of two (2) personnel who will have sufficient expertise and knowledge to load dispersant and refuel AMR's aircraft.

AMR will within ninety (90) minutes of activation by AMSA advise the time at which the Liaison Officer(s) and Loading Crew(s) can be at the nominated location ready to commence operations.

The Liaison Officer(s) and Loading Crew(s) must be on-site within twenty-four (24) hours of activation by AMSA.

AMR's performance is measured against agreed Key Performance Indicators (KPI). KPI's are based upon:

1. Aircraft availability;
2. Quality management;
3. Reporting and innovation; and,
4. Safety and the environment.

In addition to the overall administration requirements, AMR is responsible for:

- Management of sub-contractors and daily availability reporting to AMSA;
- Training of pilots in AUET and the requirement to fly at low level over the sea;
- Obtaining all necessary approvals and preparation of manuals;
- Participation in National Plan exercises, including actual flying operations, funded by others;
- Management of aerial dispersant operations during an exercise or response.

AMR are not responsible for supply and loading of dispersant during a response.

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The annual cost of the stand-by part of the contract is shared by the oil industry through the AMOSC and the National Plan through AMSA.

Should a call out occur an activation charge of \$7,000.00 per aircraft applies

Additionally operating charges of \$1,3950.00 per 1 hour or \$1,560.00 per 1 hour (dependant on aircraft) are payable during spraying operations. All costs exclude GST.

Mobilisation of the service is through the AMSA Environment Protection Group Duty Officer via AusSAR (phone 02 6230 6811, facsimile 02 6230 6868). Requests for activation should be followed up as soon as possible with a formal written request.

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FURTHER INFORMATION

Further information on AMOSPlan can be obtained from AMOSC:

Mail:

Australian Marine Oil Spill Centre
PO Box 1497
Geelong
Victoria
3220

Telephone: +61 (0)3 5272 1555
Facsimile: +61 (0)3 5272 1839
Email: amosc@amosc.com.au
Web: www.aip.com.au/amosc

24 hour emergency phone 0438 379 328

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AUSTRALIAN INDUSTRY COOPERATIVE OIL SPILL RESPONSE ARRANGEMENTS

APPENDIX I- AMOSC SUBSCRIBER COMPANIES

AMOSC PARTICIPATING COMPANIES:

- Apache Energy
- BHP Billiton
- BP
- Caltex
- Chevron
- ExxonMobil
- Santos
- Shell Australia
- Woodside Australia Energy

AMOSC ASSOCIATED COMPANIES

- ASP Ship Management
- ConocoPhillips
- East Puffin Ltd
- ENI
- Hess
- Inpex Browse
- InterOil Ltd
- Japan Energy
- MEO Australia Limited
- Nexus Energy
- Oil Search
- Origin Energy
- PTTEP Australasia
- Rio Tinto
- Roc Oil
- Teekay Shipping
- Total
- Vermilion Oil & Gas

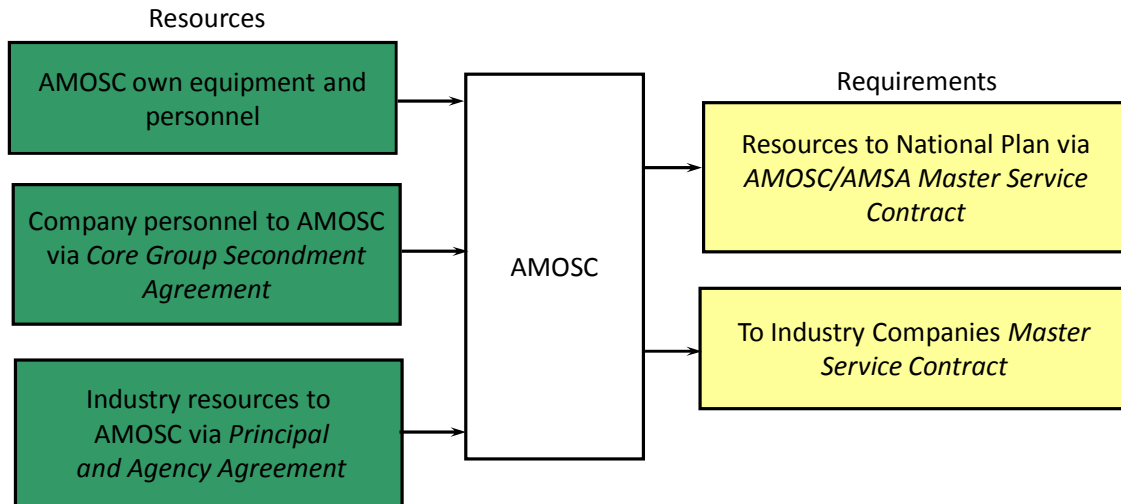
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APPENDIX II - AMOSPLAN LEGAL LINKAGES

Industry Arrangements

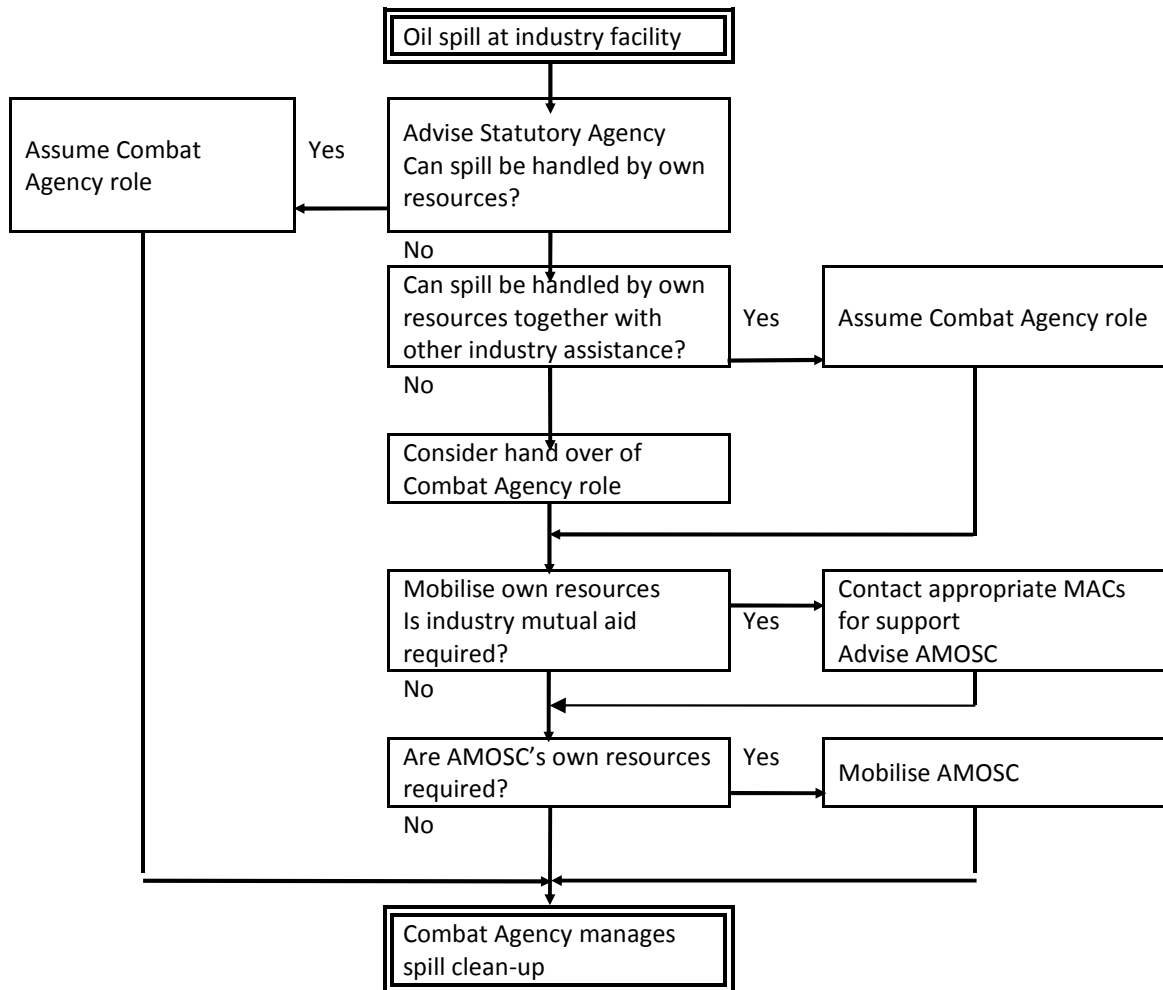
AMOSPlan Arrangements



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APPENDIX III - INDUSTRY OIL SPILL RESPONSE DECISION TREE



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APPENDIX IV - DUTIES AND RESPONSIBILITIES OF MUTUAL AID CONTACTS

The Mutual Aid Contact (MAC) is a designated representative from each of the AMOSC subscriber companies operating in a particular port or area.

OBJECTIVES

To liaise with the local industry and local port authorities in the preparation and updating of oil spill contingency plans;

When requested either by one of the other local oil industry MACs, or by the local port authority or other appropriate state agency, the MAC will assist in providing an effective response to an actual or potential oil spill.

RESPONSIBILITIES

In order to be able to achieve the objective above, the MAC must:

- Be familiar with the local contingency plans and ensure that these are kept up to date;
- Know relevant oil industry personnel in the port;
- Know what clean-up equipment is available in the port - as well as relevant equipment which may be available to the port from (say) local contractors;
- Know how to deploy and operate the clean-up equipment;
- Know who else can deploy and operate the equipment;
- Ensure the availability of a qualified deputy during absences;
- Know the environmental sensitivity of the area;
- Maintain and/or ensure that clean-up equipment is in good working order;
- Know how to contact outside help;
- Be trained in oil spill prevention and clean-up;
- Ensure that actions taken and expenditures incurred in dealing with an oil spill are adequately documented.

Changes to personnel, equipment and other resources should be advised to AMOSC.

APPENDIX V - AUSTRALIAN OIL PORTS, OFFSHORE FACILITIES AND MUTUAL AID CONTACTS

STATE	PORT/ OFFSHORE FACILITY	OIL HANDLING DETAILS					MUTUAL AID CONTACTS	
		Crude Loading	Crude Import	Product Loading	Product Import	Comment	Company	Contact
Northern Territory	Challis	Yes	-	-	-	FPSO in the Timor Sea	Coogee Resources	Frank Wratten
	Jabiru	Yes	-	-	-	FPSO in the Timor Sea	Coogee Resources	Bob Brooks/Simon Lofthouse
	Darwin	-	-	-	Yes	Shell, BP, ExxonMobil & Caltex all import white products into Vopak. East Arm wharf is a common user berth. Vopak conducts cargo transfers Port Authority called in if a spill occurs	Vopak	
	Gove	-	-	-	Yes		ALCAN port. ALCAN is Combat Agency and conducts cargo transfers	ALCAN
	Groote Eylandt	-	-	-	Yes	Fuel oil import for power generation. White Products import for town and mine. BHP/GEMCO port; GEMCO is Combat Agency.		
	Laminaria	Yes	-	-	-	White products import for island and mine FPSO in Timor Sea	BHP/GEMCO Woodside	Peter Merritt Peter Cowell/Tracey Dodd
	Karumba	-	-	-	Yes	Diesel imports		
	Weipa	-	-	-	Yes	Fuel oil and white products in Ports Corp called in if a spill occurs.	BP	Steve O'Donnell
	Cairns	-	-	-	Yes	White products imports, Common user berth. Each company manages own discharge. Port Authority called in if a spill occurs.	BP Caltex Shell	Jon Proctor Justin Marshall Gary Jefferies / Shaun Butler
Townsville	-	-	-	Yes	Shell and BP import white products. Fuel oil imported by QNI and bitumen feedstock in by Shell. Common user berth, Port Authority called in if a spill occurs	Shell BP	Garry Jefferies Brett Edwards	
Mackay	-	-	-	Yes	White products imports, Common user berth. Each company manages own cargo transfers. Port Authority called in if a spill occurs.	Caltex Shell BP	Chris Shepherd Gary Jefferies / David Mann Larry Neelands	
Gladstone	-	-	-	Yes	BP, Caltex import white products;	BP	Wayne Johnson/Scott Kean	
Brisbane	Yes	Yes	Yes	Yes	Caltex Lytton Refinery;	Caltex	Brian Butler	

STATE	PORT/ OFFSHORE FACILITY	OIL HANDLING DETAILS				MUTUAL AID CONTACTS		
		Crude Loading	Crude Import	Product Loading	Product Import	Comment	Company	Contact
		Yes	Yes	Yes	Yes	BP Bulwer Island Refinery;	BP Refinery	Colin Braybrook
						BP fuel oil Refinery/Terminal by barge.	BP Terminal	Kenneth O'Sullivan
					Yes	Shell Pinkenba import some white products, Bitumen feedstock, solvents and Bitumen	Shell	Norm Micke
New South Wales	Sydney	Yes	Yes	Yes	Yes	Terminal for Shell Clyde Refinery; Bunker barge operated by ASP	Shell	Brent Geeves / Stuart Davis
	Newcastle				Yes		BP	
	Botany	-	-	-	Yes	SPC Bulk Liquids Berth; Shell, BP, ExxonMobil & Caltex all import white products into Vopak.	Vopak	
	Banksmeadow	-	-	Yes	-	Caltex bunker facility	Caltex	Ron Brennan
	Kembla	-	-	Yes	-	BHPT bunker facility		
Victoria	Bass Strait	-	-	-	-	Esso/BHP crude production	Esso	Deepinder Singh
	Westernport	Yes	-	-	-	ExxonMobil Long Island Point loading facility	Esso	Paul May
	Geelong	Yes	Yes	Yes	Yes	Shell Geelong Refinery	Shell	Glenn Lyons / Geoff Caddy
	Melbourne Gelibrand Pier	-	Yes	Yes	Yes	Exxon Mobil Altona Refinery crude import.	ExxonMobil	Daniel Joyce
	Holden Dock				Yes	Exxon Mobil products handling at Holden Dock. , Common user berth. Port Authority called in if a spill occurs	ExxonMobil Shell Newport Caltex Newport BP	Alexandra Robinson Richard Andrei Hem Kumar/Mario Aquilina Sven Boss-Walker
	Yarraville							
Tasmania	Hobart	-	-	-	Yes	Caltex and BP import white products;	Caltex	Jamie Whiteway
						BP import bitumen feedstock; Port Authority called in if a spill occurs.	BP	Stephen Loosmore
	Burnie	-	-	-	Yes	Fuel oil and white product import; Port Authority called if an incident occurs.	BP	Steven Loosmore
	Devonport	-	-	-	Yes	White products imports, Common user berth. Each company manages own discharge	Shell	Brad Aylett
						Port Authority called in if a spill occurs		
South Australia	Adelaide	-	-	-	Yes	ExxonMobil, BP and Caltex White products imports, Common user berth. ExxonMobil manages cargo transfers. ExxonMobil imports fuel oil	Exxon Mobil BP Caltex Shell	Paul Duncan Greg Ellis Trevor Bayliss Remi Cabasug
						Port Authority called in if a spill occurs		
	Bonython	Yes	-	-	Yes	Santos Port Bonython Plant.	Santos	Warren Kruger/Jim Phillips

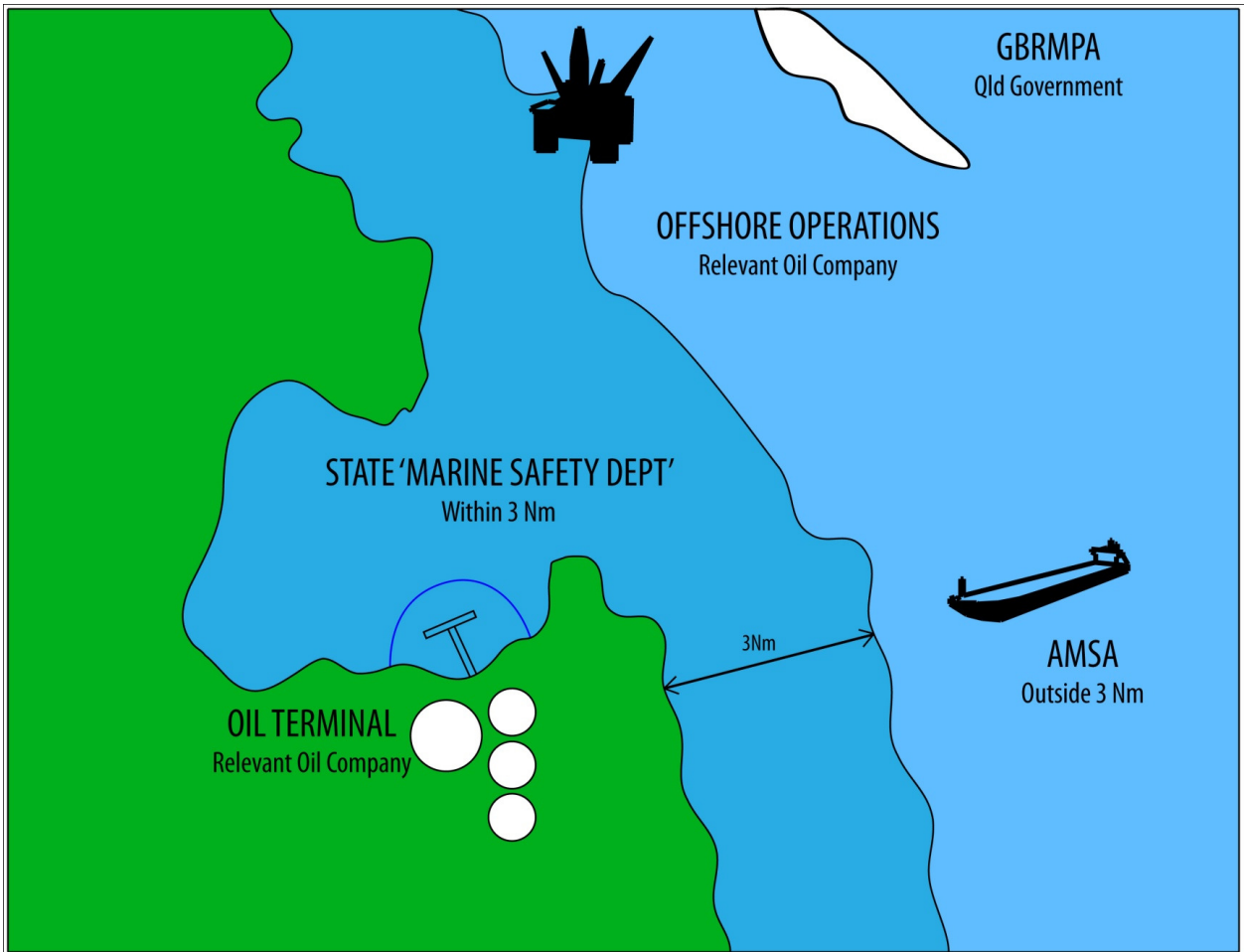
STATE	PORT/ OFFSHORE FACILITY	OIL HANDLING DETAILS					MUTUAL AID CONTACTS	
		Crude Loading	Crude Import	Product Loading	Product Import	Comment	Company	Contact
	Lincoln		-	-	Yes	White products imports, Common user berth. Each company manages own discharge. Port Authority called in if a spill occurs.	Shell Caltex	Remi Cabasug Rick Grainger
		-						
Western Australia	Esperance	-	-	-	Yes	White products imports, Common user berth. Each company manages own discharge. Port Authority called in if a spill occurs.	BP Shell	Grant Harris Marion Hutch / Richard Brown
	Kwinana	-	Yes	Yes	Yes	BP Kwinana Refinery.	BP	Frank Craig
						Mobil products handling, through Coogee Chemicals	Mobil	Jim Rule
	Fremantle	-	-	-	Yes	Common user berth Shell only imports white products or solvents BP Lube oil base stocks and solvents. Port Authority called in if a spill occurs	BP Shell Caltex	Ross Kerr/Marion Hutch/Steve Hannah
	Geraldton	-	-	-	Yes	White products imports, Common user berth. Each company manages own discharge. Port Authority called in if a spill occurs.	BP Shell	Stan Barbour Marion Hutch / Peter Adshead
	Barrow Is/ Thevenard Is	Yes	-	-	-	Chevron production facilities.	Chevron	Sean Hanrahan
	Varanus Is/ Airlie Is	Yes	-	-	-	Apache offshore crude loading.	Apache	Ivor Alexander
	Wandoo	Yes	-	-	-	ExxonMobil (Wandoo Production Alliance) platform.	Vermilion	Bruce Lake
	Griffin	Yes	-	-	-	FPSO.	BHPP Perth	Mike Porter
	N Rankin/ Goodwyn/ Cossack Pioneer/ Legendre	Yes	-	-	-	Rankin, Goodwyn & Legendre are fixed facilities Cossack Pioneer is a FPSO	Woodside	Tracy Dodd/Brooke Kempton
	Dampier	Yes	-	-	Yes	North West Shelf facility;	Woodside	Tracy Dodd/ Brooke Kempton/ Peter Cowell
							BP	Alan Bishop
	Cape Lambert	-	-	-	Yes	Robe port Mobil import white products.		
Pt Hedland	-	-	-	Yes	White products import.	BP	David Power	

STATE	PORT/ OFFSHORE FACILITY	OIL HANDLING DETAILS				MUTUAL AID CONTACTS		
		Crude Loading	Crude Import	Product Loading	Product Import	Comment	Company	Contact
	Broome	-	-	-	Yes	White products imports, Common user berth. Each company manages own discharge. Port Authority called in if a spill occurs.	BP Shell	Chris Northcott Shane Bradbury
						Occasional crude export through BP; Port Authority called in if a spill occurs.	BP	Chris Northcott

APPENDIX VI - CONTACT DETAILS FOR AMOSPLAN MUTUAL AID CONTACTS

The full contact details for Mutual Aid Contacts are on the web, but for security reasons are not directly available from the AMOSC site – access details are available from AMOSC.

APPENDIX VII - COMBAT AGENCY RESPONSIBILITY



APPENDIX VIII INDUSTRY ADVISERS

Company	Location	National plan Role	Surname	Given Name	Company role
Apache Energy	Perth, WA	Industry Adviser	Alexander	Ivor	Operations Superintendent
ASP Ship Management	Melbourne, VIC	Industry Adviser	Andrews	Douglas	DPA
BHP Billiton	Perth, WA	Industry Adviser	Starkey	Brian	HS & E Manager
BP	Bulwer Island, QLD	Industry Adviser	Hirschfeld	Kathy	Manager, Bulwer Island
BP	Kwinana, WA	Industry Adviser/Executive Response Group Member	Donnes	Peter	Regulatory Affairs Manager
BP	Kwinana, WA	Industry Adviser	Heyns	Thys	Manager, Kwinana Business Unit
Caltex	Kurnell, NSW	Industry Adviser	Huizenga	Tip	Refinery Manager
Caltex	Kurnell, NSW	Industry Adviser	James	Ken	Manager Supply Operations
Caltex	Sydney, NSW	Industry Adviser	McNally	John	Senior EHS Specialist
Chevron	Barrow Is, WA	Industry Adviser	Hanrahan	Sean	WA Oil Operations Manager
Chevron	Perth, WA	Industry Adviser	Hatch	Craig	Field Superintendent
ConocoPhillips	Perth, WA	Industry Adviser	Heinold	Wesley	DOC HSE Team Leader
ENI Australia	Perth, WA	Industry Adviser	Santellani	Giordano	Operations Manager
Esso	Long Island Pt, VIC	Industry Adviser/State Committee Member - Industry	Singh	Deepinder	Marine Supervisor
MEO					
Oil Search Limited	Sydney, NSW	Industry Adviser	Curtis	Andy	Operations Risk Manager
Roc Oil	Sydney, NSW	Industry Adviser	Seage	Neil	HSE Manager
Santos	Adelaide, SA	Industry Adviser	Whitelaw	Trevor	Stakeholder Adviser
Shell	Geelong, VIC	Industry Adviser	Bridgland	Ian	HSS Manager
Shell	Geelong, VIC	Industry Adviser (alt)	Caddy	Geoff	Operations Manager
Teekay Shipping (Aust)	Sydney, NSW	Industry Adviser	Parmeter	David	Managing Director
Vermilion Oil & Gas Pty Ltd	Perth, WA	Industry Adviser	Lake	Bruce	Managing Director
Woodside	Perth, WA	Industry Adviser/State Committee Member - Industry	Pittson	Jarrold	Manager (Environment)

APPENDIX IX - INDUSTRY MEMBERS OF STATE COMMITTEES

National plan Region	Surname	Given Name	Company	Company role	Location
01 - NT	Stennett	John	Shell	NT Facilities Engineer	Darwin, NT
03 - NSW	Whittaker	David	Caltex	Area IB Production Supt.	Kurnell, NSW
04 - VIC					
05 - TAS	Whiteway	Jamie	Caltex	Terminal Manager Hobart	Hobart, TAS
06 - SA	Kruger	Warren	Santos	Plant Manager	Port Bonython, SA
07 - WA					