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EQUIPMENT

AMOSC houses Australia's major oil spill response equipment stockpile. All equipment is containerised for rapid handling.

AMOSC equipment is located in three venues. The primary stockpile is maintained at the Geelong Centre, while a range of equipment has been predeployed to Exmouth and Broome, WA.

Egmopol Barge

A purpose built, self-propelled oil spill recovery vessel using a conveyer and settling system for recovery of oil from harbours, coastal areas and inland waters.

Ro-Boom

A multi-purpose, heavy duty ocean boom. 3,000m of Ro-Boom is available, stored on 15 reels.

Ro-Skim

Two heavy duty offshore weir skimmer systems; to be used in conjunction with the Ro-Boom.

Zoom Boom

A medium duty rapid deployment, self-inflating boom for inshore waters. 3,400m is available in 25m lengths.

Beach Guardian Boom

A medium duty boom containing both water and air filled tubes, designed to form surface seals on intertidal zones, riverbanks and mud flats. 2,000m in 25m lengths is available.

Desmi 250 Skimmer

A heavy duty weir skimmer handling light to medium viscosity oil.

Temporary Storage

Three Lancer inflatable on-water oil storage barges, each of 25t capacity.

Four portable easy-to-erect aluminum framed shore storage tanks, each with a capacity of 9t. Two portable self-supporting fabric tanks with a capacity of 13t each.

Oil Mops

Four trailer-mounted units using 30 metre long rope mops made of polypropylene fibres interwoven through a central rope core. Gathered oil is squeezed out through a mangle into a sump. Suitable for collecting a wide range of oils where

Dispersant

150t of Dasic Slickgone NS in 1,000l and 205l containers, suitable for ship-board or aerial spray application.

Dispersant Spray Systems

Two 1,000l capacity helicopter under slung aerial dispersant spray bucket systems.

Two boat mounted dispersant spray systems.

Ro-Vac Vacuum Systems

Four mobile vacuum systems for recovering all but the heaviest oils, typically from the waters edge.

Steam/Electric Generators

Four trailer mounted, steam cleaning/pressure washing systems with electric generators, used for beach lighting and equipment cleaning.

Pumps

Five pumps for dispersant transfer and general pumping duties.

Consumables

Absorbent pads and booms.

Satellite Telephone System

Providing world-wide telephone and facsimile communication.

Other Communication Equipment

Two GPS navigation instruments, VHF/UHF base station, with TX/RX UHF and VHF hand held radios and air band radio.

Oiled Fauna Kit

To be used by the appropriate authorities to treat oil affected fauna, particularly birds.

Personnel Decontamination Kit

For use to minimise the spread of oil from a contaminated site to clean areas.

Response Equipment Container

AMOSC Document G013-06

