



Australian Government

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Building a Solid Foundation – A Case for Adopting Fixed Maritime Zones

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Boyes, Phil Symonds**

The Problem

The size and diversity of the marine jurisdiction as well as the number and types of regulatory activities conducted in it have dramatically changed in the past 50 years.

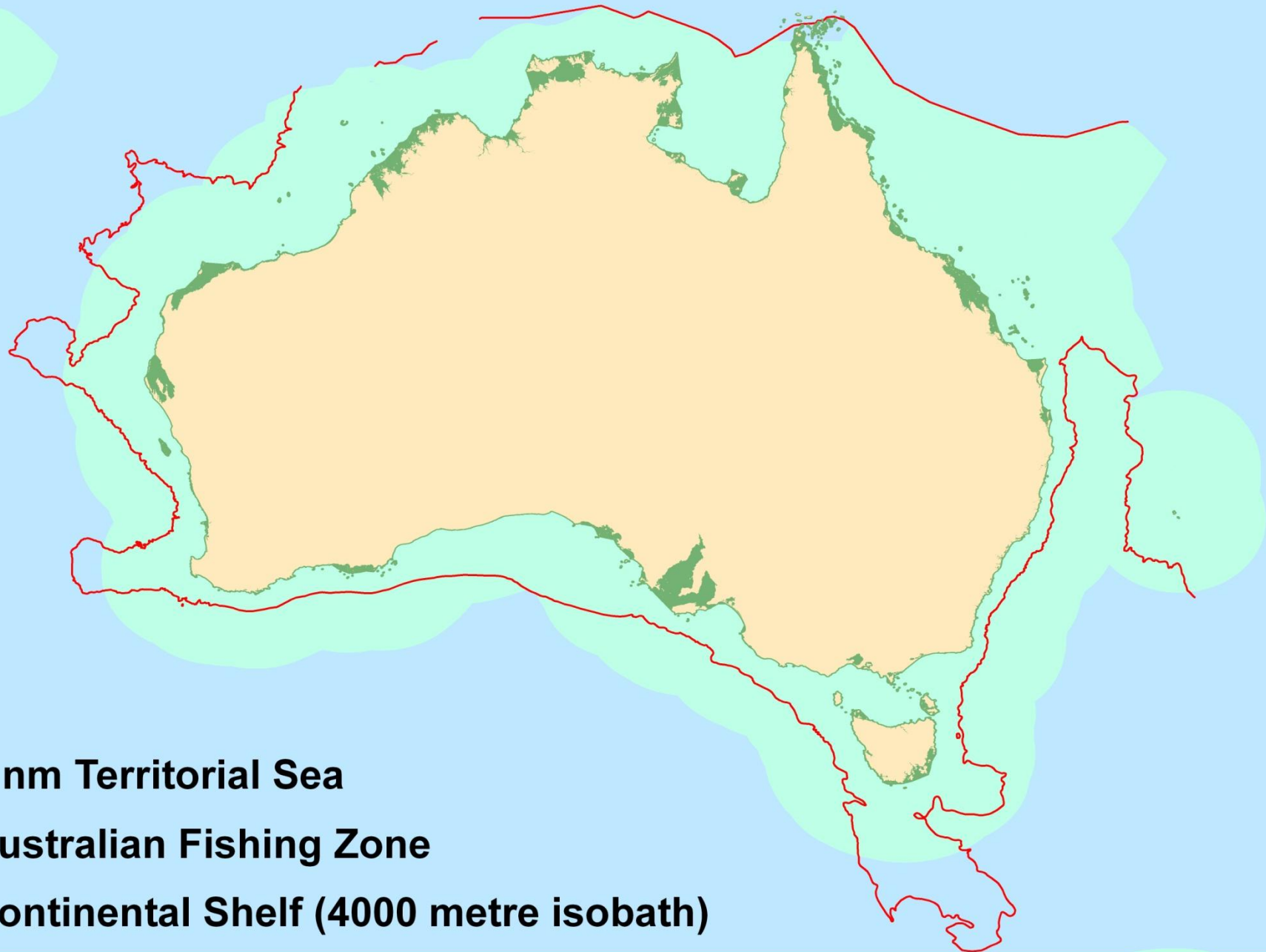
Methods used to define the maritime zones have not kept pace.

The Problem

All maritime users and enforcers require certainty in the spatial positioning of regulatory zones.

Unstable coastlines impede the coastal State from creating an integrated maritime registry that will provide this certainty.

1982



3 nm Territorial Sea

Australian Fishing Zone

Continental Shelf (4000 metre isobath)

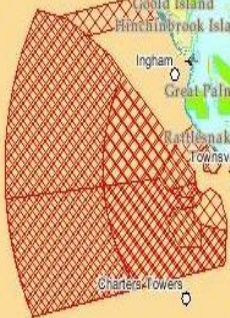


Hannah Island
 Flinders Island
 Howick Island
 Lizard Island
 Low Wooded Island (isle)

Port Douglas
 Mareeba
 Cairns
 Gordonvale
 Atherton
 High Island

Innisfail
 Stephens Island
 Coonanglebah (dunk) Island
 Gold Island

Queensland



Hinchinbrook Island
 Ingham
 Great Palm Island

Battle Snake Island
 Townsville

Ayr
 Home Hill
 Peters Islands (part)

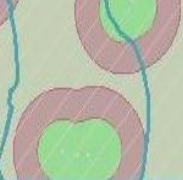
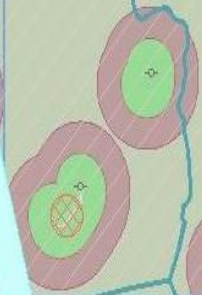
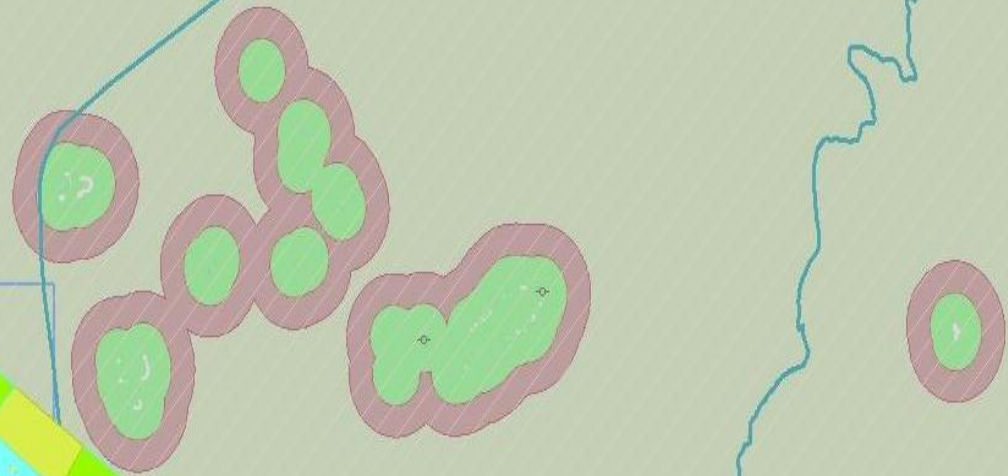
Bowen
 Stoned Island
 Cannonvale
 Anrie Beach
 Proserpine

Hamilton Island
 Shaw Island
 Goldsmith Island
 Carlisle Island
 St Bees Island

Mackay
 Sarina
 Prudhoe Island
 Irving Islet
 Pine Peak Island
 Middle Island

West Hill Island
 Marble Island
 Long Island
 Mansfield Island

Moranbah





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Map Data © 2010 AND
23°53'28.84" S 136°50'01.50" E elev 185 m

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Eye alt 11001.33 km



Monaco

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Image NASA

© 2010 MapData Sciences Pty Ltd. PSMA
16°14'17.84" S 137°44'15.60" E elev. 0 m

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Imagery Dates: Aug 9, 2003 - Jan 25, 2005

Eye alt 20.66 km

Jul 30, 2009 10:00:00 am

10:00:00 am

10:00:00 am

Preview Quality Imagery by



Preview Image, GEOEYE-1, 20090730010732884GE10319309_002, 7/30/2009, GEOY

**LTE - Sandbank
extensive growth
2000-3000 metres**

**LTE - Sandbank
continued propogation
300-500 metres**

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Image NASA
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16°14'17.84" S 137°44'15.60" E elev. 0m

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Eve alt. 20.66 km

Certainty requires Stability

Certainty is the answer to:

- Increasing marine regulation,
- Complex administrative demands,
- Greater scrutiny.

Ideally, maritime zones should be:

- Certain
- Consistent with UNCLOS
- Capable of digital representation

Ambulatory maritime zones cannot provide certainty

States need a stable system of maritime zones on which to build a comprehensive digital database of maritime interests.

Fixing the Outer Limits

Technical and practical solution to the problem of managing unstable coastlines.

For the first time it will ensure that the written legislative instrument and its digital representation will be equivalent

Fixing the Outer Limits

Method

- undertake a rigorous study of the coastline, using the best available data;
- consider using Article 7(2) for unstable coastline areas,
- create a baseline;
- generate a complete and stable set of limits.

Fixing the Outer Limits

What it allows the State to achieve:

- Increased certainty for all maritime space users.
- A good faith representation of the various maritime zones, consistent with UNCLOS.
- Allows for the creation of a digital maritime interest management system.



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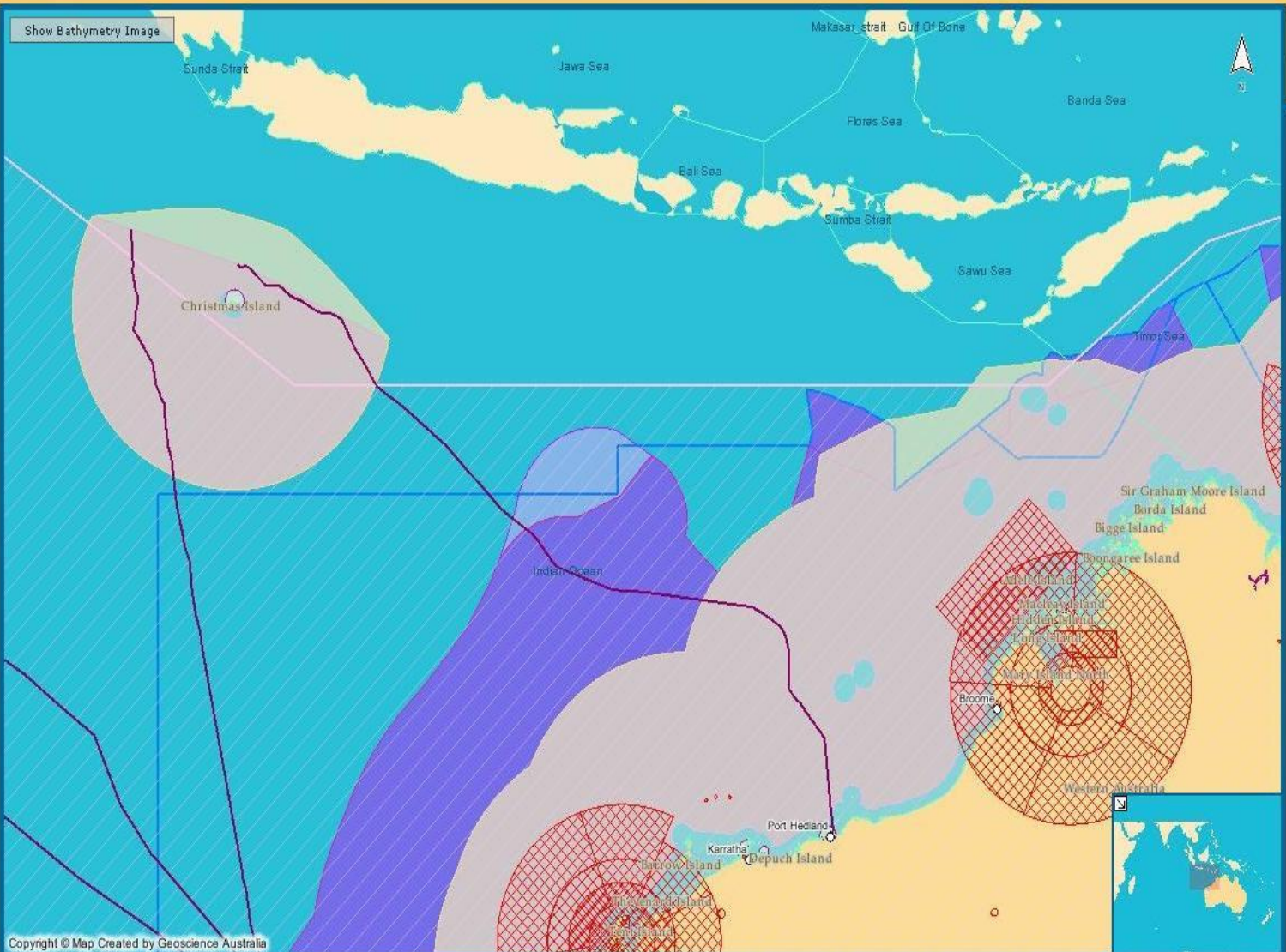
Maritime Boundaries | Petroleum | Fisheries | Regulatory | Environment | Native Title | Offshore Minerals

Keep Map Extent

Maritime

Links

Navigation | Measure | Draw | Data | Save | Information



Legal Interests | Distance to Boundary

Welcome | **Layers** | Legend | Find

- ▶ Maritime Boundaries
- ▼ Other Themes
- ▶ Petroleum
- ▶ Fisheries
- ▼ Regulatory
 - Navigational Aids
 - Ferry Routes
 - Telecommunications Cable
 - Bass Link
 - Restricted Airspace
 - Oceans And Seas
 - Submarine Cable Protection Zones
 - Excisions From Migration Zone
 - Customs and Port Limits
 - Designated Shipping Areas
 - Search and Rescue Zones
- ▶ Environment
- ▶ Native Title
- ▶ Offshore Minerals
- ▶ Maritime Features
- ▶ Gazetteer PlaceNames
- ▶ Seabed Imagery

Automatically Refresh Map

Note: Adding more layers to the map may slow the drawing time.



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Questions?