



# Australian Maritime Digest

ISSN 2201-7003

The Australian Maritime Digest is compiled by the Australian Association for Maritime Affairs  
– [www.aama.asn.au](http://www.aama.asn.au) – and published monthly for the benefit of the Australian maritime community.



1 July 2013

No. 224

## Contents

<b>Editorial.....</b>	<b>3</b>
Seeing the bigger picture – port development across Australia .....	3
Ports and the Environment – a proposed short seminar at the Pacific 2013 conferences – 8 October 2013 .....	3
Political turmoil in the Commonwealth Government .....	3
Have your say – send a Letter to the Editor .....	4
<b>Maritime Defence &amp; Border Protection.....</b>	<b>4</b>
Australia and India Defence Ministers' Dialogue .....	4
Defense Trade Cooperation Munitions List 2013 .....	4
National Sail Training Ship Young Endeavour - 25th anniversary .....	4
ACMS wins Pacific Patrol Boat training contract .....	4
Australian Defence Force participates in Pacific Partnership .....	4
Collins Class Submarines Update .....	4
HMAS Toowoomba returns from the Middle East .....	4
Extra eyes to monitor the Great Barrier Reef .....	4
Report - The importance of the Indian Ocean rim for Australia's foreign, trade and defence policy .....	4
Australia's Strategic Research Priorities .....	5
Sale of decommissioned Ships Manoora and Kanimbla .....	5
Maritime issues a vital part of Australian security .....	5
CSIRO and DSTO join to strengthen research capability .....	5
China Seas Developments – June .....	5
Border Protection Command Interceptions and/or Assistance – June .....	6
<b>Shipping, Shipbuilding &amp; Ports.....</b>	<b>6</b>
Marine Safety (Domestic Commercial Vessel) National Law Regulation 2013 .....	6
Navigation Regulation 2013 .....	6
NSS strengthens stevedoring relationship with Mariana Express Lines .....	6
Stevedore crushed to death by falling cargo .....	7
Shipping Faces Half Trillion Dollar Environment Costs .....	7
Solar Sailor Holdings Ltd wins Energy Globe National Award for Australia .....	7
New maps show how shipping noise spans the globe .....	7
South China Sea, Mediterranean and North Sea are shipping accidents hotspots .....	7
Draft model Work Health and Safety Code of Practice for Managing Risks in Stevedoring .....	7
How to implement an effective 'safety culture' for shipping .....	7
New single shipment record set for Port Hedland Port Authority .....	7
Fishing trawler salvage operation off Lady Elliot Island .....	7
Environment Protection and Biodiversity Conservation Amendment (Great Barrier Reef) Bill 2013 .....	7
"World's largest ship" named .....	7
Dry bulk cargoes liquification dangers .....	7
Maritime Transport and Offshore Facilities Security Amendment (Security Assessment Inspectors) Regulation 2013 .....	8
World's Fastest Ship - Incat High Speed Ferry Francisco .....	8
Maersk Line, MSC and CMA CGM to establish an operational alliance .....	8
European ports spearhead move to gas as ship fuel .....	8
UNESCO decision on Great Barrier Reef .....	8
ISO to Start Work on a Hull and Propeller Performance Measurement Standard .....	8
Australia's Strategic Research Priorities .....	8
WWF to "name and shame" flags to improve shipping's environmental record .....	8
IMO's Committee on Maritime Safety 92nd session .....	8
Environmental impact of the development of Gladstone Harbour .....	8
Australian and Chinese maritime authorities take part in joint exercise .....	8
Marine Order 501 (Administration - national law) 2013 .....	8
Marine Order 502 (Vessel identifiers - national law) 2013 .....	9
Marine Order 503 (Certificates of survey - national law) 2013 .....	9
Marine Order 504 (Certificates of operation - national law) 2013 .....	9
Marine Order 505 (Certificates of competency - national law) 2013 .....	9
Marine Order 506 (Approval of training organisations - national law) 2013 .....	9
Marine Order 507 (Load line certificates - national law) 2013 .....	9
Vessel Speed Reduction and Green Flag Awards - Los Angeles and Long Beach Ports .....	9
European Commission proposes first step towards cutting shipping emissions .....	9
World Shipping Outlook – June .....	9
UN, US & EU Sanctions on Iranian shipping – June developments .....	10
<b>Fisheries.....</b>	<b>10</b>
US 2013 Sea State Report - "No-take" Marine Protected Areas .....	10
Commonwealth marine reserves – recreational fishing & consultation .....	10
Release of ABARES' Australian fisheries surveys report 2012 .....	10
Fisheries Research and Development Corporation Amendment Regulation 2013 (No. 1) .....	10
Fishers help shape Reef Guardian program .....	10

EU changes rules on “super trawlers” .....	10
Statutory Management Plan for Torres Strait Finfish Fishery .....	10
Northern Prawn Fishery (Closures) Direction No. 164 .....	10
Food security from the oceans for Asia .....	10
Rural research and development corporations legislation introduced .....	10
Australia's Strategic Research Priorities .....	11
Southern and Eastern Scalefish and Shark Fishery (Closures) Direction No. 8 2013 .....	11

## **Resource Exploration & Development ..... 11**

US 2013 Sea State Report - “No-take” Marine Protected Areas .....	11
Offshore facility security assessments .....	11
Extra eyes to monitor the Great Barrier Reef .....	11
13 new offshore petroleum exploration permits announced .....	11
Maritime Transport and Offshore Facilities Security Amendment (Security Assessment Inspectors) Regulation 2013 .....	11
Agreement ends with best practice in place at Montara .....	11
Offshore Resources Bill passes Senate .....	11
Petroleum Resource Rent Tax Assessment Amendment Regulation 2013 (No. 1) .....	11

## **Marine Science & Environment..... 12**

Breaking the Silence: How our noise pollution is harming our whales .....	12
Acidifying oceans could spell trouble for squid .....	12
US 2013 Sea State Report - “No-take” Marine Protected Areas .....	12
Commonwealth marine reserves – recreational fishing & consultation .....	12
Shipping Faces Half Trillion Dollar Environment Costs .....	12
Solar Sailor Holdings Ltd wins National Energy Globe Award for Australia .....	12
Fishers help shape Reef Guardian program .....	12
New maps show how shipping noise spans the globe .....	12
Results of post summer check up of the Great Barrier Reef .....	12
South China Sea, Mediterranean and North Sea are shipping accidents hotspots .....	12
Ocean acidification killing oysters by inhibiting shell formation, study finds .....	12
Environment Protection and Biodiversity Conservation Amendment (Great Barrier Reef) Bill 2013 .....	12
Extra eyes to monitor the Great Barrier Reef .....	13
Debris in the deep .....	13
UNESCO decision on Great Barrier Reef .....	13
Climate tug of war disrupting Australian atmospheric circulation patterns .....	13
2013 Antarctic medals awarded .....	13
WWF to “name and shame” flags to improve shipping's environmental record .....	13
Vessel Speed Reduction and Green Flag Awards - Los Angeles and Long Beach Ports .....	13
European Commission proposes first step towards cutting shipping emissions .....	13

## **Letters to the Editor..... 13**

## **Conferences & seminars..... 13**

7-11 July 2013 - Australian Marine Sciences Association Golden Jubilee Conference – Gold Coast .....	13
8-11 July 2013 - Marine Workshop and Service Managers Course – Gold Coast .....	14
29-30 July 2013 - Port & Maritime Security Conference 2013 - Hilton on the Park, Melbourne .....	14
4-8 August 2013 - Intermediate Marina Management Course – Gold Coast .....	14
4-5 September 2013 - 4th Maritime Salvage & Casualty Response Seminar – London, UK .....	14
9-13 September 2013 - London International Shipping Week – London, UK .....	14
23-25 September 2013 - The Annual World Congress of Ocean-2013 , Hangzhou, China .....	14
7-9 October 2013 – Pacific 2013 International Maritime Conference (IMC) – Darling Harbour, Sydney .....	14
12-15 November 2013 - 2013 NSW Coastal Conference – Port Macquarie, NSW .....	14
16-17 October 2013 - 9th Ballast Water Management Summit – Hamburg, Germany .....	14
20-21 November 2013 – ACI's 7th Optimising Fuel Management & Operational Efficiency conference – Singapore .....	14
27-28 February 2014 - 6th Intermodal Asia 2014 Australia Exhibition and Conference – Melbourne .....	14
7-11 April 2014 – XXII International Maritime Pilots' Association Congress – Panama .....	14
7-11 June 2014 – World Aquaculture Conference – Adelaide Convention Centre, Adelaide .....	14
7-11 July 2014 - Australian Marine Sciences Association Conference – Canberra .....	14
2014 (date tba) - Defence and Industry Conference - Adelaide .....	14

## **Subscriptions.....15**

## EDITORIAL

**Australian Association for Maritime Affairs**

**The objectives of the Australian Association for Maritime Affairs are to generate greater public awareness of maritime affairs, and to encourage well-informed decision making on maritime issues.**

[www.aama.asn.au](http://www.aama.asn.au)

**Seeing the bigger picture – port development across Australia**

Most readers are probably aware of a major benefit that comes from presenting a larger number of shorter maritime-related articles in the *Australian Maritime Digest*: it shows trends in issues. There remains, however, a serious weakness: space constraints (and readers' time) ensures that only items which the Editor assesses as “significant” in themselves can be included. That means that many not-quite-significant items or, even more challenging, items in which the maritime dimension has been ignored, cannot be included.

One such area has been the omission of a longer term national ports development plan from recent announcements of Commonwealth Government's infrastructure spending intentions.

For example, the maritime element of national transport infrastructure spending was quite conspicuously ignored in the recent Budget, which was bad enough, but possibly even more worrying has been the language used in recent announcements about where the transport money *is* being spent. “Inter-modal” now seems to refer to just the sites and facilities where there is a cross-over between road and rail transport – no mention of the fact that much of the stuff has come off, or is going to, ships.

In part, this may reflect electoral realities – there are more truck drivers and railway workers across Australia, and in more marginal seats, than there are port workers or Australians actually at sea in the miniscule number of Australian ships – but some naïve readers (and Editors) might have expected someone, somewhere in the government and political system to be looking at the overall transport needs of the nation, which leads to the issue of the development of ports. Certainly the reported comments of Infrastructure Australia at a recent CEDA conference seem to suggest the frustration is shared, even if Mr Deegan was (tactfully?) ascribing the blame to public service turf wars for the failure to advance COAG-endorsed national transport strategies which *did* include ports.

It has probably not escaped the attention of many readers that both the Commonwealth and Queensland State Governments are having an electoral problem accommodating the shipping needs of Queensland's, and Australia's, export interests with the need to preserve the Great Barrier Reef's World Heritage status, and it will definitely not have escaped politicians' notice, or that of the mining companies, that there seem to be quite a lot of votes in the issue, right across Australia, some focussing on the economic and regional benefits of the exports, others on the need to protect the Reef. The result has been a conflating of the issues of the moral rights and wrongs of digging up and selling coal and other non-renewable resources with the need to preserve the Great Barrier Reef. It is possible that separating the two issues might make both more open to rational decisions.

Again, some naïve readers (and Editors) might have expected the development of a national-level plan to solve the issue(s) without either closing down all the existing ports or assassinating all the environmental activists. One strategic solution that has been suggested to the Editor is to develop the Port of Bundaberg, well clear of the Reef, and there may be others, but there seems to be little public discussion of the strategic options, just a never-ending kind of ideological trench warfare between the various players, fixated on the *status quo*. It would be sad if continuation of this particular battle is seen primarily in relation to its benefit to particular politicians in locking in pre-determined blocs of electoral and/or financial support!

These sorts of maritime “non-issues” don't come with announcements which can then be mentioned in *Australian Maritime Digest*. All that the *Digest* can do is demonstrate to its readers the *absence* of those discussions which thoughtful readers might have expected to see. With its broad coverage of 60-80 different maritime issues each month, it is thus possible to use the *Digest* to determine what is *not* being addressed.

Which leads in to something to pencil into your diary ....

**Ports and the Environment – a proposed short seminar at the Pacific 2013 conferences – 8 October 2013**

As readers are probably aware, Maritime Australia Limited is organising a [Pacific 2013](#) series of International Maritime Conferences at Darling Harbour, Sydney, from 7-9 October, to coincide with the International Naval Review to mark the centenary of the arrival of HMA Fleet Unit. As part of the Pacific 2013 conferences, the AAMA has been asked to organise a short seminar on *Ports and the Environment* in one of the Conference Centre rooms on the afternoon of Tuesday 8 October. This would follow from the seminar on *The Sea and the Environment*, which was held in conjunction with the Pacific 2012 conferences.

Attendance would be free and details are still being resolved, partly because there is so much that *could* be addressed – just reading a list of associated regulatory authorities could occupy much of the afternoon – but it is hoped to have time for attendees to vent their spleen. More details will be provided if/when this seminar gets off the ground.

**Political turmoil in the Commonwealth Government**

As usual, the late June political upheaval in Canberra seems to have brought much of the normal business of the Commonwealth Government to a shuddering halt, while so many people in Parliament House either pack their belongings or stand around gossiping and spreading rumours. That seems to have reduced the flow of maritime policy announcements to be reported in this month's *Digest*,

although AMSA seems to have been able to “keep calm and carry on”, trying to implement the new national shipping law that comes into force on 1 July by publishing all the new Marine Orders that are reported under “Shipping, Shipbuilding and Ports” below.

## Have your say – send a Letter to the Editor

If you have a view on any maritime topic, please send a short Letter to the Editor – [news@aama.asn.au](mailto:news@aama.asn.au) - and attach any detailed reasoning so we can assess whether we can publish your supporting material on the AAMA website, with a link from your Letter to the Editor.

### DISCLAIMER

Views expressed in the *Australian Maritime Digest*  
do not necessarily reflect those of the  
Australian Association for Maritime Affairs – [www.aama.asn.au](http://www.aama.asn.au).

---

## MARITIME DEFENCE & BORDER PROTECTION

---

### Australia and India Defence Ministers' Dialogue

In a move with implications for Australia's wider interests and the situation in the China Sea, Australia's Defence Minister, Stephen Smith, conducted a formal bilateral Defence Ministers' [Dialogue](#) with India's Minister of Defence, Mr A. K. Antony. Among other practical measures that will further enhance bilateral defence cooperation between Australia and India, they [agreed](#) to continue ongoing bilateral Naval exchanges to build confidence and familiarity between the two Navies and work towards a bilateral maritime exercise in 2015.

### Defense Trade Cooperation Munitions List 2013

Defence Minister Stephen Smith made the [instrument](#), which identifies goods that are eligible for trade under the Defence Trade Cooperation Treaty referred to in the *Defence Trade Controls Act 2012*.

### National Sail Training Ship *Young Endeavour* - 25<sup>th</sup> anniversary

The Minister for Defence Science and Personnel, Warren Snowdon, [congratulated](#) the Young Endeavour Youth Scheme on 25 years of youth development voyages aboard the national Sail Training Ship *Young Endeavour*.

### ACMS wins Pacific Patrol Boat training contract

The Minister for Defence Materiel Mike Kelly [announced](#) the signing of a \$21 million four-year contract with AMC Search Ltd to provide Pacific Patrol Boat (PPB) training services. AMC Search Ltd (AMCS) is the commercial arm of the Australian Maritime College, located in Launceston, Tasmania.

### Australian Defence Force participates in Pacific Partnership

Defence medical practitioners and engineers have deployed on [Pacific Partnership 2013](#). Australia's largest contingent, onboard *HMAS Tobruk*, will deliver medical, dental, veterinary and engineering aid to Vanimo and Wewak, in Papua New Guinea from 13 June to 6 July 2013.

### Collins Class Submarines Update

Minister for Defence Stephen Smith and Minister for Defence Materiel Mike Kelly [announced](#) further significant initiatives to both maintain the capability of Australia's Collins Class submarine fleet and further improve Collins Class maintenance, sustainment and availability. The Government has provided Combined Pass approval for the first stage of SEA 1439 Phase 3.1 Collins Obsolescence Management to resolve obsolescence in the Integrated Ship Control Management and Monitoring System in the Collins Class submarine fleet.

### *HMAS Toowoomba* returns from the Middle East

Minister for Defence Stephen Smith [welcomed](#) *HMAS Toowoomba* home from a six-month deployment to the Middle East Area of Operations (MEAO)

### Extra eyes to monitor the Great Barrier Reef

Federal Environment Minister Tony Burke [launched](#) a powerful Reef monitoring program – Eye on the Reef – that will engage an army of volunteers to help protect the iconic Great Barrier Reef. The integrated Eye on the Reef is a free mobile technology app that allows people to send in real-time sightings of marine animals while they're still out on the Reef and contribute to its long-term protection. [This sounds as if it has potential application to other sightings – shipping, other maritime activities, and surveillance – Editor]

### Report - The importance of the Indian Ocean rim for Australia's foreign, trade and defence policy

The Senate Foreign Affairs, Defence and Trade References Committee tabled this [report](#) in which the committee said “Despite the challenges posed by the diversity of the Indian Ocean rim countries, the committee sees significant benefit in Australia working at a strategic policy level to promote the concept of an Indian Ocean rim region.”

## Australia's Strategic Research Priorities

The Prime Minister and several ministers [released](#) Australia's 15 [Strategic Research Priorities](#). The only ones with direct maritime connotations appeared to be:

- Optimise food and fibre production using our land and marine resources; and
- Manage the flow of goods, information, money and people across our national and international boundaries.

## Sale of decommissioned Ships Manoora and Kanimbla

Minister for Defence Materiel Dr Mike Kelly AM MP [announced](#) the disposal by sale of the Royal Australian Navy's decommissioned ships HMAS *Manoora* and HMAS *Kanimbla*. The ships would be recycled by purchaser Southern Recycling LLC in the United States in a manner commensurate to the environmental standards the Commonwealth expected of such disposal activities by 2014.

## Maritime issues a vital part of Australian security

In a [speech](#) to the National Press Club, the Minister for Foreign Affairs, Bob Carr, said: "As the Defence White Paper made clear in May, our geographic circumstances make maritime issues a vital part of our security. In fact, Australia has always identified freedom of navigation and benign security surroundings as key to the defence of our sovereignty and independence of action. In the maritime sphere, we confront potential challenges born in territorial disputes, and potential challenges to freedom on the high seas, to freedom of navigation. Increasingly, we are looking at a geostrategic stage framed by both the Indian and the Pacific oceans."

## CSIRO and DSTO join to strengthen research capability

The CSIRO and the Defence Science and Technology Organisation (DSTO) have signed a Strategic Relationship [Agreement](#) aimed at high-impact research priorities. Technologies which will come under the umbrella of the agreement include horizon scanning and emerging technologies, manufacturing technologies, advanced materials, intelligent processing, energy storage, autonomous systems, sensors and bio-technology.

## China Seas Developments – June

If any reader has become confused about about which country claims what in the South China Sea, the BBC published a helpful [map](#) in late January, which puts the issues in better perspective.

Australian Minister for Defence Stephen Smith, Japanese Minister of Defense Itsunori Onodera, and U.S. Secretary of Defense Chuck Hagel held [trilateral defence ministerial talks](#) in Singapore June 1 on the margins of the International Institute of Strategic Studies Shangri-La Dialogue. This was the second meeting of its kind among the three nations' top defense officials. [And from the spelling and date conventions, the joint statement probably reflects US views accurately – Editor] Defence Minister Smith also made a [speech](#) at the Dialogue on "strategic transparency". Probably *not* coincidentally, ASPI released "[Something new under the Rising Sun: expanding Australia–Japan defence cooperation](#)".

Also on 1 June, Australian Minister for Defence Stephen Smith [said](#) that "in the margins of the Shangri-La Dialogue in Singapore, the Five Power Defence Arrangements (FPDA) Ministers from Singapore, Malaysia, the United Kingdom, New Zealand and Australia met." and "Over the coming years, practical cooperation through established multilateral defence and security frameworks such as the FPDA will become even more important to maintain and enhance regional cooperation and security."

The *Voice of America* [reported](#) "It is fishing season once again in the South China Sea and, as in past years, clashes between Chinese fishermen and those of their maritime neighbors are on the rise. China is aggressively asserting its sovereignty over the disputed waters while some of its neighbors are also defending their claims with diplomatic might.

The *Pakistan Observer* [reported](#) that "China dismissed calls for arbitration to resolve disputes after the U.S. and Japan vowed to resist attempts to seize contested territory by force, signaling further tensions in Asian waters vital to world trade." [Although dated 3 June, this was not posted until 14 June - Editor]

The *Global Post* [reported](#) that, in a speech at the Shangri-La Dialogue security forum in Singapore, Singapore Defense Minister Ng Eng Hen proposed that Asian militaries build up trust so as to reduce tension over disputed territories in the South China Sea. "We must step up practical cooperation, especially between militaries, to build understanding, if not trust"

The *People's Daily Online* [reported](#) that "Admiral Cecil D. Haney, commander of the U.S. Pacific Fleet, paid an official call on Jiang Weilie, commander of the South China Sea Fleet of the Navy of the Chinese People's Liberation Army (PLAN), at the office building of the South China Sea Fleet on the afternoon of May 30, 2013."

Bloomberg [reported](#) that "Malaysian Prime Minister Najib Razak called for claimants in the South China Sea to jointly develop resources to avoid conflict and prevent "extra-regional states" from becoming involved."

The *Voice of America* [reported](#) that "The top American military commander in the Pacific issued a stern warning to any country that might try to seize control of disputed areas in the South China Sea."

*Xinhua* newsagency [reported](#) "Representatives of China and the 10-member Association of Southeast Asian Nations (ASEAN) recently met and discussed the South China Sea issue, a Foreign Ministry spokesman said Thursday. [6 June]

*The Hindu* [reported](#) that "China and Vietnam have agreed to set up a hotline between their navies amid escalating maritime tensions over the disputed South China Sea islands."

*Focus Taiwan* [reported](#) that "China issued the first ever blue book on its development in the Indian Ocean on Saturday [8 June] in which it said it faces big challenges there because of the perception that it poses a threat to the region."



*gulfnews.com* [reported](#) that “A Philippine government’s investigating body has recommended the filing of criminal charges against several members of the Philippine Coast Guard for the death of a Taiwanese fisherman off northern Luzon in the South China Sea on May 9, a local paper said.”

The *Japan Times* [reported](#) that “Defense Minister Itsunori Onodera is making final arrangements to visit the Philippines and Hawaii from later this month, a government source said. During his trip to Manila from June 26 and Hawaii on July 1, Onodera will stress the need to ensure maritime safety based on the rule of law amid China’s growing assertiveness in the East and South China seas, the source said.

An article in the *Jakarta Post* [said](#), *inter alia*, “Indonesia, ever since the failure of ASEAN countries to wrap up a code of conduct regarding this dispute, has been trusted by the parties involved, including China, to play a role as a mediator in this case. Thus, if Indonesia wants to prevent the conflict from escalating in the future, it will require improved naval power.”

*Xinhua* newsagency [reported](#) that, during Vietnamese President Truong Tan Sang's visit to China, Chinese President Xi Jinping said “China and Vietnam should make a decision to direct and push forward on seeking a political solution to the South China Sea issue in line with taking responsibilities for history and people. We should proceed from the Chinese-Vietnamese friendship and the development of both countries, so the issue does not affect bilateral ties.”

*euronews* [reported](#) that “China condemned on Friday [21 June] what it called the “illegal occupation” of a disputed coral reef by the Philippines, and vowed to protect its sovereignty after Manila moved new soldiers and supplies to the remote location. The Second Thomas Shoal, known in China as the Ren’ai reef, is at the centre of the latest territorial dispute between Beijing and Manila.”

The *Japan Times* [reported](#) that “Prime Minister Shinzo Abe is considering visiting certain members of the Association of Southeast Asian Nations next month, probably after the July 21 Upper House election, a government source said Sunday [23 June]. Abe is apparently aiming to strengthen ties with countries involved in territorial disputes with China in the South China Sea as it continues to feud with Beijing over the uninhabited Senkaku Islands in the East China Sea.”

The *Hindustan Times* [reported](#) that “A US destroyer will join the Philippine Navy's flagship for war games starting Thursday [27 June] close to a flashpoint area of the South China Sea, adding to tensions with China over rival territorial claims.”

The Canadian *Globe and Mail* [reported](#) that “The Philippine military has revived plans to build new air and naval bases at Subic Bay, a former U.S. naval base that American forces could use to counter China’s creeping presence in the disputed South China Sea, senior navy officials said.”

Reuters [reported](#) “Countries with territorial claims in the South China Sea that look for help from third parties will find their efforts “futile”, China's Foreign Minister Wang Yi warned on Thursday [27 June], adding that the path of confrontation would be “doomed”.”

## Border Protection Command Interceptions and/or Assistance – June

The Home Affairs Minister, Jason Clare, reported in June: [31 May](#) HMAS Bathurst (intercept), [1 June](#) HMAS Warramunga and HMAS Glenelg (assist), [1 June](#) HMAS Warramunga (intercept), [4 June](#) Customs and Border Protection, with support from the Australian Federal Police (intercept), [4 June](#) HMAS Maitland (intercept), [4 June](#) HMAS Warramunga (intercept), [5 June](#) HMAS Broome (intercept), [5 June](#) HMAS Glenelg (assist), [6 June](#) HMAS Wollongong (intercept), [7 June](#) HMAS Glenelg (intercept), [7 June](#) Merchant Vessel MT British Curlew (assist), [8 June](#) HMAS Glenelg (intercept), [9 June](#) HMAS Warramunga (assist), [10 June](#) HMAS Warramunga (intercept), [10 June](#) HMAS Glenelg (assist), [11 June](#) HMAS Glenelg (intercept), [11 June](#) HMAS Maitland (intercept), [12 June](#) HMAS Warramunga (intercept), [12 June](#) HMAS Glenelg (assist), [13 June](#) ACV Triton (intercept), [14 June](#) HMAS Glenelg (intercept), [14 June](#) HMAS Warramunga (assist), [15 June](#) HMAS Warramunga (intercept), [15/16 June](#) HMAS Warramunga (intercept), [16 June](#) HMAS Glenelg and HMAS Warramunga (assist), [16 June](#) HMAS Warramunga (intercept), [18 June](#) ACV Ocean Protector (assist), [19 June](#) ACV Ocean Protector (assist), [20 June](#) HMAS Maitland (assist), [20 June](#) HMAS Maitland and ACV Botany Bay (assist), [20 June](#) HMAS Glenelg (intercept), [21 June](#) HMAS Larrakia (intercept), [21 June](#) merchant vessel with the assistance of ACV Ocean Protector (assist), [23 June](#) HMAS Larrakia and ACV Ocean Protector (assist), [23 June](#) HMAS Larrakia (intercept), [25 June](#) HMAS Larrakia (intercept), [26 June](#) HMAS Larrakia (intercept), [26 June](#) HMAS Larrakia (2<sup>nd</sup> intercept), 28 June HMAS Larrakia (assist), 28 June ACV Ocean Protector (assist)

---

## SHIPPING, SHIPBUILDING & PORTS

---

### Marine Safety (Domestic Commercial Vessel) National Law Regulation 2013

The Minister for Transport, Mr Albanese, made this [regulation](#), which prescribes the kinds of community groups whose vessels will not be considered domestic commercial vessels, prescribes vessels that are or are not domestic commercial vessels, includes transitional arrangements and prescribes laws dealing with marine safety for domestic commercial vessels that will be able to operate along with the Act.

### Navigation Regulation 2013

The Minister for Transport, Mr Albanese, made this [regulation](#), which is concerned with the management of customs vessels under the Navigation Act 2012 but also addresses matters related to liability, loss and salvage.

### NSS strengthens stevedoring relationship with Mariana Express Lines

North QLD supply chain management provider NSS has been [awarded](#) the multi-million stevedoring, storage, transport and logistics contract for the international shipping line Mariana Express Lines, which services Townsville, Cairns, Darwin and northern Queensland.

## Stevedore crushed to death by falling cargo

Following a stevedoring fatality, in the cargo holds of the general cargo ship *Weaver Arrow*, which was berthed in Newcastle, NSW, the ATSB released its [report](#) and [said](#) it has issued two safety advisory notices to stevedoring companies, highlighting the risks of break-bulk cargo toppling and of stevedore fatigue.

## Shipping Faces Half Trillion Dollar Environment Costs

The International Chamber of Shipping [said](#) that “impending new legislation to protect the environment potentially presented an additional industry-wide cost of more than half a trillion US dollars between 2015 and 2025.”

## Solar Sailor Holdings Ltd wins Energy Globe National Award for Australia

[Solar Sailor Holdings Ltd](#) has won the Energy Globe [award](#) for Australia on World Environment Day for its entry of Solar Sailboats with Hybrid Engines. Having won the National Award, Solar Sailor is automatically entered in the World Awards, to be announced in September.

## New maps show how shipping noise spans the globe

*Space Daily* [reported](#) that scientists have now modeled shipping noise on a global scale. The world-wide maps were presented for the first time at the 21st International Congress on Acoustics (ICA 2013), held June 2-7 in Montreal.

## South China Sea, Mediterranean and North Sea are shipping accidents hotspots

The WWF [published](#) a [report](#) on world-wide shipping accidents. The South China Sea and East Indies, east Mediterranean and Black Sea, North Sea and British Isles were found to be dangerous hotspots for accidents involving ships. The report pointed out that “The risk to the environment is directly linked to the type and amount of hazardous substances, including oil, being transported and the sensitivity of the marine area where any accident could occur.”

## Draft model Work Health and Safety Code of Practice for Managing Risks in Stevedoring

Safe Work Australia has [released](#) a draft model Code of Practice for Managing Risks in Stevedoring for public comment. Public comment will close on Friday 19 July 2013 at 5:00pm AEST.

## How to implement an effective ‘safety culture’ for shipping

The International Chamber of Shipping (ICS) has published new [guidance for shipowners](#) on how shipping companies and crews can implement an effective ‘safety culture’. The new ICS Guidelines are being distributed free of charge throughout the industry and were launched at the IMO Symposium on the Future of Ship Safety in London.

## New single shipment record set for Port Hedland Port Authority

The largest ever shipment of iron ore left [Port Hedland](#) on 9 June with 256,450 tonnes headed for China. The Fortescue loaded vessel, *PSU Seventh*, left on a draft of 18.84 metres.

## Fishing trawler salvage operation off Lady Elliot Island

The Great Barrier Reef Marine Park Authority (GBRMPA) [reported](#) that the salvage operation of a fishing trawler *Joseph M*, which ran aground near Lady Elliot Island on 6 June, was successfully completed over night on 12/13 June. The fishing trawler was safely towed to Bundaberg for repairs.

## Environment Protection and Biodiversity Conservation Amendment (Great Barrier Reef) Bill 2013

The Senate Environment and Communications Legislation Committee tabled its [report](#) on the Bill. The Committee's theme is that a lot more study is needed before port developments in the Great Barrier Reef region are approved. Recommendation 1 reads: “The committee recommends that port development in the Great Barrier Reef region should be confined to existing (already developed) major port areas, pending the outcomes of the strategic assessments currently being conducted by the Commonwealth and Queensland governments.

## “World's largest ship” named

Maersk [announced](#) the naming - *Mærsk Mc-Kinney Møller* - of what it claims to be the world's largest ship. “The Triple-E is the largest ship in the world, and it sets new standards in the container industry, not just for size, but also of energy efficiency and environmental performance. With unique design features for slower speeds and maximum efficiency, this vessel will emit 50% less CO2 per container moved than the current average on the Asia-Europe route. Maersk Line has ordered a total of 20 of these vessels, which will be phased in gradually over the next couple of years on the existing route between Asia and Northern Europe (AE10).” [The move to ever larger container ships has implications for ports and dredging. The pull-back from up to 30 knots container ships has defence implications. - Editor]

## Dry bulk cargoes liquification dangers

*Intermanager* [reports](#) that “One shipper has requested an owner not to test cargoes in response to stricter industry awareness over liquefaction dangers. Amid the growing concern over the loss of life attributed to dry bulk cargoes that liquefy, and stricter testing from insurers, it has emerged that at least one shipper is now requesting that owners do not follow mandatory testing as a condition of charter. [This relates to some recent shipping losses in S E Asia when nickel ore liquefied. See also [here](#) – Editor]

## Maritime Transport and Offshore Facilities Security Amendment (Security Assessment Inspectors) Regulation 2013

The Minister for Transport, Mr Albanese, made this [regulation](#) which amends the *Maritime Transport and Offshore Facilities Security Regulations 2003* to prescribe the criteria that a person must satisfy in order for the Secretary of the Department of Infrastructure and Transport to be able to appoint, in writing, that person as a security assessment inspector.

### World's Fastest Ship - Incat High Speed Ferry *Francisco*

Australian ferry builder Incat Tasmania [says](#) its world first high speed dual-fuel vehicle and passenger ferry - the 99 metre high speed vessel *Francisco* (Incat hull 069 and named in honour of the new Pope) - is now officially fast with a lightship speed of 58.1 knots (107.6 kilometres an hour). *Francisco* has been constructed for South American company Buquebus, for service on the River Plate, between Buenos Aires Argentina and Montevideo, Uruguay.

### Maersk Line, MSC and CMA CGM to establish an operational alliance

Maersk Line, MSC Mediterranean Shipping Company S.A. and CMA CGM have in principle [agreed](#) to establish a long-term operational alliance on East – West trades, called the P3 Network. The P3 Network will operate a capacity of 2.6 million TEU (initially 255 vessels on 29 loops) on three trade lanes: Asia – Europe, Trans-Pacific and Trans-Atlantic. The *Herald-Sun* gave the [story](#) a less positive spin.

### European ports spearhead move to gas as ship fuel

*Malaya Business Insight* [quotes](#) a Reuters report that “North European ports are leading a switch to natural gas as a cleaner way to power ships than burning oil-based bunker fuel, while regulation and cost benefits are likely to convince other sectors to follow in coming years.”

### UNESCO decision on Great Barrier Reef

Environment Minister, Tony Burke, [welcomed](#) a decision by UNESCO's [World Heritage Committee](#) which recognised the Australian Government's commitment to protecting the Great Barrier Reef. Mr Burke said the Reef had not been listed as ‘in danger’.

### ISO to Start Work on a Hull and Propeller Performance Measurement Standard

Norwegian company Jotun has [welcomed](#) news that the International Standards Organization is to mobilize an expert group to start work on a common industry standard for measurement of changes in hull and propeller performance.

### Australia's Strategic Research Priorities

The Prime Minister and several ministers [released](#) Australia's 15 [Strategic Research Priorities](#). The only ones with direct maritime connotations appeared to be:

- Optimise food and fibre production using our land and marine resources; and
- Manage the flow of goods, information, money and people across our national and international boundaries.

### WWF to “name and shame” flags to improve shipping's environmental record

*Intermanager* [reported](#) that “The WWF environmental lobby will highlight good and bad performing flag states, and ask poor performing ones to “shape up or ship out”. Under a new “Shipshape” project to be launched in September, individual shipowners who use the poorer flag states could also be approached.”

### IMO's Committee on Maritime Safety 92nd session

*Intermanager* [reported](#) on the outcomes of the International Maritime Organisation committee's 92<sup>nd</sup> session, which included: piracy and private armed security, new ship construction standards, passenger ship safety, fire protection, development of an International Code for Ships using Gas as Fuel (IGF Code), training and watchkeeping, radio communications and search and rescue, Flag State implementation, and protective coatings for dedicated seawater ballast tanks in all types of ships and double-side skin spaces of bulk carriers.

### Environmental impact of the development of Gladstone Harbour

The Gladstone Ports Corporation has [released](#) the *Curtis Coast Coastal and Marine Resource Inventory Report 2012* which, it says, demonstrates that the environmental impact of two decades of extensive development in the Port of Gladstone has been minor.

### Australian and Chinese maritime authorities take part in joint exercise

Fostering international cooperation and information exchange were the aims of a search and rescue [exercise](#) undertaken by Australian and Chinese maritime authorities at Garden Island on Wednesday, 26 June. As part of a visit of China's largest and most advanced patrol vessel, *Haixun 01*, personnel from the China Maritime Safety Administration and the Australian Maritime Safety Authority (AMSA) took part in a desktop search and rescue exercise on board the ship.

### Marine Order 501 (Administration - national law) 2013

The Australian Maritime Safety Authority (AMSA) made the [order](#), which deals with administration and interpretation of the other Marine Orders made under the national law. Its purpose is to reduce the volume of the Marine Orders and to facilitate their consistent interpretation. [Having lived through numerous Taxation Laws Simplification processes, many revisions of the superannuation legislation, and innumerable codifications of the Companies Laws, would anyone care to take the Editor's wager, and bet that the volume of the Marine Orders *will* actually be reduced?]



**Marine Order 502 (Vessel identifiers - national law) 2013**

The Australian Maritime Safety Authority (AMSA) made the [order](#), which provides requirements for the application, issue and display of unique identifiers for domestic commercial vessels. A unique identifier is a unique identification number issued to each vessel that stays with the vessel for its lifetime even if it changes ownership or use.

**Marine Order 503 (Certificates of survey - national law) 2013**

The Australian Maritime Safety Authority (AMSA) made the [order](#), which provides requirements for the application, issue, variation, suspension and revocation of certificates of survey for domestic commercial vessels. It also specifies the standards that apply to the survey of domestic commercial vessels.

**Marine Order 504 (Certificates of operation - national law) 2013**

The Australian Maritime Safety Authority (AMSA) made the [order](#), which provides for certificates of operation for domestic commercial vessels to be issued by the National Regulator.

**Marine Order 505 (Certificates of competency - national law) 2013**

The Australian Maritime Safety Authority (AMSA) made the [order](#), which provides requirements for the application, issue, variation, suspension and revocation of certificates of competency for the master or crew of domestic commercial vessels. The Order also provides for endorsement and renewal of certificates.

**Marine Order 506 (Approval of training organisations - national law) 2013**

The Australian Maritime Safety Authority (AMSA) made the [order](#), which provides that a person may apply for an approval of an organisation as a training organisation or for a variation of such an approval. It also provides that the National Regulator is the relevant decision maker concerning approvals and is required to maintain an approved training organisation database.

**Marine Order 507 (Load line certificates - national law) 2013**

The Australian Maritime Safety Authority (AMSA) made the [order](#), which provides that a person may apply for the issue of a load line certificate. It also provides that the National Regulator has powers for dealing with load line certificates once issued, being the power of variation, suspension and revocation. The Marine Order further provides for offences for the owner and master of a vessel if the vessel is operated without or in a manner contrary to the load line certificate issued.

**Vessel Speed Reduction and Green Flag Awards - Los Angeles and Long Beach Ports**

As part of air pollution measures which might eventually be adopted by Australian ports, Mitsui O.S.K. Lines (MOL) [announced](#) that the company has earned recognition from the ports of both Los Angeles and Long Beach, California, for its efforts to ensure compliance with standards that call for vessels to slow down within 40 nautical miles (nm) of the shore.

**European Commission proposes first step towards cutting shipping emissions**

The European Commission took the first step towards cutting greenhouse gas emissions from the maritime transport industry. It [proposed](#) legislation which, starting in 2018, will require owners of large ships using EU ports to monitor and report the ships' annual carbon dioxide (CO<sub>2</sub>) emissions. The Commission also published a Communication setting out its strategy to address and reduce these emissions, preferably through measures at global level.

**World Shipping Outlook – June**

As a reference point for many of the following reports on the world shipping outlook, here is the [Baltic Dry Index](#).

Reuters [reported](#) “Lloyds Banking Group is looking to sell an estimated \$500 million tranche of its shipping loans as it continues to shrink its non-core portfolio, trade finance sources said”.

In a counter-intuitive article, Bloomberg Businessweek [reported](#) that “Iron-ore shipping costs advanced the most in five weeks amid speculation that falling prices for the commodity in China may drive up demand and curb a vessel glut. Rates for Capesizes carrying 150,000 metric tons or more advanced 8.7 percent to \$6,300 a day, the largest increase since May 2, according to data today [12 June] from the Baltic Exchange in London.”

*Deutsche Welle*, addressing a PwC survey, [reported](#) that “Surging overcapacity amid weaker global trade is raising the fears among German shipping operators of a big market consolidation, a survey has found. The German captains of the industry seek a lifeline in new alliances.” [The headline refers to a “shakedown” but it probably means a “shakeout” - Editor]

The *China Post* [reported](#) that: “Taiwan Marine Transportation (TMT) said Friday [21 June] that it has filed for bankruptcy protection with the Federal Court in Houston in a bid to prevent its creditors from taking its vessels registered overseas into custody.”

The *China Daily* [reported](#) that “A guideline on promoting the development of the [Chinese] shipping industry is being drafted by the National Development and Reform Commission (NDRC) and the Ministry of Transport (MOT) and will be submitted to the State Council for approval later this year, sources said. The industry has posted huge losses for two consecutive years.”

The *Market Realist* [reported](#) that “Shipping capacity growth breaks below 7%, first time since 2009.”

## UN, US & EU Sanctions on Iranian shipping – June developments

There seem to have been no reports of sanctions developments in June, which may indicate that all EU and US sanctions implementation (and Iranian evasion) measures are in place, ready for the start of the strengthened sanctions on 1 July, or it may indicate that discussions are underway with the newly elected Iranian regime - Editor

---

## FISHERIES

---

### US 2013 Sea State Report - “No-take” Marine Protected Areas

The US Marine Conservation Institute's [report](#) calls for more “no-take” US marine protected areas (MPA). “No-take” protections mean that oil and gas drilling is prohibited, as well as fishing and other types of ecological disturbances. The report says that “many marine scientists and conservation experts” suggest a minimum of 20% of each marine ecosystem be designated “no-take”.

### Commonwealth marine reserves – recreational fishing & consultation

Environment Minister Tony Burke [said](#) “Claims that recreational fishers will be locked out of the ocean as a result of Commonwealth marine reserves are just another step in the Coalition’s baseless scaremongering.” The Australian Recreational Fishing Foundation (ARFF) [responded](#) that the Federal Government has lost support of Australia’s recreational fishing community on their Marine Park Policy. The Minister responded to a Question in Writing about marine reserves consultation on 4 June. [See pages 164-167 of the [Hansard](#).] A Motion of Disallowance of the reserves plans was moved by the Opposition in the House on 4 June, but lost. [See pages 55-80 of the [Hansard](#).]

### Release of ABARES' *Australian fisheries surveys report 2012*

The [report](#) presents results of the 2012 survey which focused on the Eastern Tuna and Billfish Fishery and the Commonwealth Trawl and Gillnet Hook and Trap sectors of the Southern and Eastern Scafish and Shark Fishery.

### Fisheries Research and Development Corporation Amendment Regulation 2013 (No. 1)

The Parliamentary Secretary for Agriculture, Fisheries and Forestry, Mr Sidebottom, made this [regulation](#), which declares the proportion of the annual fishing levies that is to be directed to the FRDC in the 2012–13 financial year, and authorises the Department of Agriculture, Fisheries and Forestry to transfer the funds comprising the research component of the fishing levies to the FRDC.

### Fishers help shape Reef Guardian program

The Great Barrier Reef Marine Park Authority (GBRMPA) [announced](#) that “Reef Guardian Fishers from across Queensland will gather in Townsville on Thursday [6 June] for the inaugural Reef Line Pilot Working Group meeting.” and “Fishers involved in the scheme are recognised for their efforts in implementing business and fishing practices that go beyond legislative requirements and assist with building a better future for the Reef.”

### EU changes rules on “super trawlers”

Greenpeace [claims](#) that its campaign against the super trawler *Magiris* has led to the EU changing its rules so that these ships:

- Will no longer be able to go abroad and fish already overfished species.
- Will not receive huge subsidies of that sort that helped P&P build some of their worst monster boats.
- Can’t exploit developing countries’ fish stocks without substantially more returns going to the resource owners themselves.

### Statutory Management Plan for Torres Strait Finfish Fishery

The Torres Strait Finfish Fishery has become the first wholly traditionally owned commercial fishery in Australia to have a Statutory Management Plan, giving greater certainty to fishers and the community. Minister for Agriculture, Fisheries and Forestry, Senator Joe Ludwig, [announced](#) the plan at a meeting with the Torres Strait Regional Authority on Thursday Island.

### Northern Prawn Fishery (Closures) Direction No. 164

The Australian Fisheries Management Authority (AFMA) made the [direction](#), which sets out a mid-season closure to protect stock prior to and during spawning periods between fishing seasons in the Northern Prawn Fishery.

### Food security from the oceans for Asia

The *Jakarta Post* [reported](#) that the Asia roadmap for food security from the oceans was being drafted at the Asia Conference on Oceans, Food Security and Blue Growth 2013, held in Nusa Dua. The outcomes of this conference will be important input for the global oceans summit in The Hague in September 2013.

### Rural research and development corporations legislation introduced

Senator Ludwig, Minister for Agriculture, Fisheries and Forestry, and The Hon. Sid Sidebottom, Parliamentary Secretary for Agriculture, Fisheries and Forestry [announced](#) that three bills introduced into the Parliament will assist RDCs to market their industries and also support increased productivity, create incentives for new investments and create greater efficiency from RDCs. [It is likely that the bills will lapse when Parliament is prorogued for the election but, if any reader would like to see the primary bill, click [here](#) – Editor]

## Australia's Strategic Research Priorities

The Prime Minister and several ministers [released](#) Australia's 15 [Strategic Research Priorities](#). The only ones with direct maritime connotations appeared to be:

- Optimise food and fibre production using our land and marine resources; and
- Manage the flow of goods, information, money and people across our national and international boundaries.

## Southern and Eastern Scalefish and Shark Fishery (Closures) Direction No. 8 2013

The Australian Fisheries Management Authority made the [direction](#), which closes areas of the Southern and Eastern Scalefish and Shark Fishery to all methods of fishing to reduce the targeted catch of Pink Ling.

---

## RESOURCE EXPLORATION & DEVELOPMENT

---

### US 2013 Sea State Report - "No-take" Marine Protected Areas

The US Marine Conservation Institute's [report](#) calls for more "no-take" US marine protected areas (MPA). "No-take" protections mean that oil and gas drilling is prohibited, as well as fishing and other types of ecological disturbances. The report says that "many marine scientists and conservation experts" suggest a minimum of 20% of each marine ecosystem be designated "no-take".

### Offshore facility security assessments

In Senate Estimates [hearings](#) [p65 of the Hansard] the Office of Transport Security said, with regard to offshore facility security assessments, "We are expecting that we would probably be able to finish our considerations by the end of this year in terms of improvements to the audit and inspection regime." and "We are also engaging with NOPSEMA on possible opportunities that we might have to share with them some of the security and safety responsibilities that we both have."

### Extra eyes to monitor the Great Barrier Reef

Federal Environment Minister Tony Burke [launched](#) a powerful Reef monitoring program – Eye on the Reef – that will engage an army of volunteers to help protect the iconic Great Barrier Reef. The integrated Eye on the Reef is a free mobile technology app that allows people to send in real-time sightings of marine animals while they're still out on the Reef and contribute to its long-term protection. [This sounds as if it has potential application to other sightings – shipping, other maritime activities, and surveillance – Editor]

### 13 new offshore petroleum exploration permits announced

Resources and Energy Minister Gary Gray [announced](#) the grant of 13 new offshore petroleum exploration permits as part of round one of the 2012 [sic] Offshore Petroleum Exploration Acreage Release. The award of these permits will see an estimated \$180 million in new investment in waters offshore Western Australia and Tasmania over the next three years.

### Maritime Transport and Offshore Facilities Security Amendment (Security Assessment Inspectors) Regulation 2013

The Minister for Transport, Mr Albanese, made this [regulation](#) which amends the *Maritime Transport and Offshore Facilities Security Regulations 2003* to prescribe the criteria that a person must satisfy in order for the Secretary of the Department of Infrastructure and Transport to be able to appoint, in writing, that person as a security assessment inspector.

### Agreement ends with best practice in place at Montara

Following three years of monitoring and close consultation with Montara field developers PTTEP Australasia, Resources Minister Gary Gray [announced](#) the deed of agreement between the Government and company will conclude on 21 June. The Montara field development has been subject to the deed since 2011, following the 2009 Montara oil and gas leak - the first major loss of well control in 25 years of safe offshore petroleum operations.

### Offshore Resources Bill passes Senate

Minister for Immigration and Citizenship Brendan O'Connor said the [amendments to the Migration Act](#), which passed through the Senate, would come into effect in 2014. 'This legislation contains a sensible solution to the loophole in the Migration Act which meant overseas workers on vessels engaged in laying pipeline on the seabed did not require a work visa,' Mr O'Connor said. The Department of Immigration and Citizenship would now consult widely on the terms of a new visa for offshore resource industry workers from overseas.

### Petroleum Resource Rent Tax Assessment Amendment Regulation 2013 (No. 1)

The Assistant Treasurer, Mr Bradbury, registered the [regulation](#), which "amends the Petroleum Resource Rent Tax Assessment Regulations 2005, which provide a framework for determining the value of project gas for Petroleum Resource Rent Tax (PRRT) purposes in cases where it is used as feedstock in an integrated gas-to-liquids (GTL) operation, and where no arm's length price exists. The Regulation extends the existing framework to appropriately apply to onshore integrated GTL and gas-to-electricity (GTE) operations, as well as to the North West Shelf project, following the application of the PRRT being extended to onshore petroleum projects and the North West Shelf project from 1 July 2012."

## Breaking the Silence: How our noise pollution is harming our whales

The International Fund for Animal Welfare (Australia) released this [report](#), which found that “Noise in the ocean is causing whales stress, making it harder for them to hear, and forcing them to 'shout'.”

## Acidifying oceans could spell trouble for squid

*Eureka Science News* [reported](#) that Woods Hole Oceanographic Institution research soon to be published in the journal PLOS ONE demonstrates that acidifying oceans could dramatically impact the world's squid species. “Because squid are both ecologically and commercially important, that impact may have far-reaching effects on the ocean environment and coastal economies.”

## US 2013 Sea State Report - “No-take” Marine Protected Areas

The US Marine Conservation Institute's [report](#) calls for more “no-take” US marine protected areas (MPA). “No-take” protections mean that oil and gas drilling is prohibited, as well as fishing and other types of ecological disturbances. The report says that “many marine scientists and conservation experts” suggest a minimum of 20% of each marine ecosystem be designated “no-take”.

## Commonwealth marine reserves – recreational fishing & consultation

Environment Minister Tony Burke [said](#) “Claims that recreational fishers will be locked out of the ocean as a result of Commonwealth marine reserves are just another step in the Coalition’s baseless scaremongering.” The Australian Recreational Fishing Foundation (ARFF) [responded](#) that the Federal Government has lost support of Australia’s recreational fishing community on their Marine Park Policy. The Minister responded to a Question in Writing about marine reserves consultation on 4 June. [See pages 164-167 of the [Hansard](#).] A Motion of Disallowance of the reserves plans was moved by the Opposition in the House on 4 June, but lost. [See pages 55-80 of the [Hansard](#).]

## Shipping Faces Half Trillion Dollar Environment Costs

The International Chamber of Shipping [said](#) that “impending new legislation to protect the environment potentially presented an additional industry-wide cost of more than half a trillion US dollars between 2015 and 2025.”

## Solar Sailor Holdings Ltd wins National Energy Globe Award for Australia

[Solar Sailor Holdings Ltd](#) has won the Energy Globe [award](#) for Australia on World Environment Day for its entry of Solar Sailboats with Hybrid Engines. Having won the National Award, Solar Sailor is automatically entered in the World Awards, to be announced in September.

## Fishers help shape Reef Guardian program

The Great Barrier Reef Marine Park Authority (GBRMPA) [announced](#) that “Reef Guardian Fishers from across Queensland will gather in Townsville on Thursday [6 June] for the inaugural Reef Line Pilot Working Group meeting.” and “Fishers involved in the scheme are recognised for their efforts in implementing business and fishing practices that go beyond legislative requirements and assist with building a better future for the Reef.”

## New maps show how shipping noise spans the globe

*Space Daily* [reported](#) that scientists have now modeled shipping noise on a global scale. The world-wide maps were presented for the first time at the 21st International Congress on Acoustics (ICA 2013), held June 2-7 in Montreal.

## Results of post summer check up of the Great Barrier Reef

The Great Barrier Reef Marine Park Authority (GBRMPA) [released](#) the results of a post summer check up of the Great Barrier Reef which revealed low level coral bleaching at some locations and signs of minor stress from wet season flooding.

## South China Sea, Mediterranean and North Sea are shipping accidents hotspots

The WWF [published](#) a [report](#) on world-wide shipping accidents. The South China Sea and East Indies, east Mediterranean and Black Sea, North Sea and British Isles were found to be dangerous hotspots for accidents involving ships. The report pointed out that “The risk to the environment is directly linked to the type and amount of hazardous substances, including oil, being transported and the sensitivity of the marine area where any accident could occur.”

## Ocean acidification killing oysters by inhibiting shell formation, study finds

*PhysOrg* [reported](#) that “a new [study](#) led by researchers at Oregon State University has documented why oysters appear so sensitive to increasing acidity. It isn't necessarily a case of acidic water dissolving their shells, researchers say. Rather it is a case of water high in carbon dioxide altering [shell](#) formation rates, energy usage and, ultimately, the growth and survival of the young oysters.

## Environment Protection and Biodiversity Conservation Amendment (Great Barrier Reef) Bill 2013

The Senate Environment and Communications Legislation Committee tabled its [report](#) on the Bill. The Committee's theme is that a lot more study is needed before port developments in the Great Barrier Reef region are approved. Recommendation 1 reads: “The committee recommends that port development in the Great Barrier Reef region should be confined to existing (already developed) major port areas, pending the outcomes of the strategic assessments currently being conducted by the Commonwealth and Queensland governments.



## Extra eyes to monitor the Great Barrier Reef

Federal Environment Minister Tony Burke [launched](#) a powerful Reef monitoring program – Eye on the Reef – that will engage an army of volunteers to help protect the iconic Great Barrier Reef. The integrated Eye on the Reef is a free mobile technology app that allows people to send in real-time sightings of marine animals while they're still out on the Reef and contribute to its long-term protection. [This sounds as if it has potential application to other sightings – shipping, other maritime activities, and surveillance – Editor]

## Debris in the deep

*Science Direct* [reported](#) on a study which surveyed marine litter in Monterey Canyon, central California, USA and found, *inter alia*, “The highest relative frequencies of plastic and metal observations occurred below 2,000 m, indicating that previous studies may greatly underestimate the extent of anthropogenic marine debris on the seafloor due to limitations in observing deeper regions.”

## UNESCO decision on Great Barrier Reef

Environment Minister, Tony Burke, [welcomed](#) a decision by UNESCO's [World Heritage Committee](#) which recognised the Australian Government's commitment to protecting the Great Barrier Reef. Mr Burke said the Reef had not been listed as ‘in danger’.

## Climate tug of war disrupting Australian atmospheric circulation patterns

CSIRO [said](#) that further evidence of climate change shifting atmospheric circulation in the southern Australian-New Zealand region has been identified in a new study. The study, in the Nature journal *Scientific Reports*, demonstrates that mid-latitude high pressure zones (30°S-45°S) are being pushed further into the Southern Ocean by rising global temperatures associated with greenhouse warming. This is despite more frequent occurrences of strong El Niños in recent decades, which should have drawn the high pressure zones in the opposite direction toward the equator.

## 2013 Antarctic medals awarded

Seabird ecologist, Dr Barbara Wienecke and master mariner, Captain Scott Laughlin are the recipients of Australian Antarctic Medals for 2013. Governor General, Ms Quentin Bryce AC CVO [announced](#) the awards which are given for outstanding service to the Australian Antarctic program.

## WWF to “name and shame” flags to improve shipping's environmental record

*Intermanager* [reported](#) that “The WWF environmental lobby will highlight good and bad performing flag states, and ask poor performing ones to “shape up or ship out”. Under a new “Shipshape” project to be launched in September, individual shipowners who use the poorer flag states could also be approached.”

## Vessel Speed Reduction and Green Flag Awards - Los Angeles and Long Beach Ports

As part of air pollution measures which might eventually be adopted by Australian ports, Mitsui O.S.K. Lines (MOL) [announced](#) that the company has earned recognition from the ports of both Los Angeles and Long Beach, California, for its efforts to ensure compliance with standards that call for vessels to slow down within 40 nautical miles (nm) of the shore.

## European Commission proposes first step towards cutting shipping emissions

The European Commission took the first step towards cutting greenhouse gas emissions from the maritime transport industry. It [proposed](#) legislation which, starting in 2018, will require owners of large ships using EU ports to monitor and report the ships' annual carbon dioxide (CO<sub>2</sub>) emissions. The Commission also published a Communication setting out its strategy to address and reduce these emissions, preferably through measures at global level.

---

## LETTERS TO THE EDITOR

---

Here is where the *Australian Maritime Digest* will, at the discretion of the Editor, publish “Letters to the Editor” in future editions.

If you have comment to make on an article in a previous *Digest*, or if you wish to comment on a maritime issue that you think *should* be addressed, please e-mail [news@aama.asn.au](mailto:news@aama.asn.au) with “Letter to the Editor” in the subject field. Please keep your “letter” to 100-150 words and include hyperlinks to any supporting documentation.

### SOMETHING TO SAY?

#### The Australian Maritime Digest

(ISSN 2201-7003)

Why not advertise in the *Australian Maritime Digest*, particularly if your advertisement is relevant to a current story? Your advertisement would reach right into the heart of the maritime community – those who would be most interested in your organisation, its events and its products. Advertising is accepted at the discretion of the Editor and rates are based on \$330 for a quarter page.

Contact the Editor, Richard Griffiths: [news@aama.asn.au](mailto:news@aama.asn.au)

---

## CONFERENCES & SEMINARS

---

### 7-11 July 2013 - Australian Marine Sciences Association Golden Jubilee Conference – Gold Coast

The theme is “*Shaping the Future*” For details click [here](#)

**8-11 July 2013 - Marine Workshop and Service Managers Course – Gold Coast**

Run by the Marina Industries Association, this 4 day residential program provides management training for individuals currently working in, or working toward, a leadership role in the field of marine service/repairs. For details, please e-mail [education@marinas.net.au](mailto:education@marinas.net.au)

**29-30 July 2013 - Port & Maritime Security Conference 2013 - Hilton on the Park, Melbourne**

Now in its tenth year, the annual Port & Maritime Security Summit will again provide a platform for information sharing between Defence and Border Protection Command, civil maritime agencies, quarantine, police and customs authorities, the ports and shipping authorities. For details, click [here](#)

**4-8 August 2013 - Intermediate Marina Management Course – Gold Coast**

This four-day course is accredited by the [Global Marina Institute \(GMI\)](#) and is designed to provide marina personnel in a leadership position with fast-track training in the critical issues of marinas. For details, email the Marinas Industry Association Industry Education Officer, Ian Winestock - [education@marinas.net.au](mailto:education@marinas.net.au)

**4-5 September 2013 - 4<sup>th</sup> Maritime Salvage & Casualty Response Seminar – London, UK**

The event will focus on the most current developments in operational response to a salvage situation and what impact these have had on the industry. Register [here](#)

**9-13 September 2013 - London International Shipping Week – London, UK**

*London International Shipping Week* will comprise dozens of maritime events hosted by shipping-related associations and commercial organisations, together offering multiple networking opportunities. For details, click [here](#).

**23-25 September 2013 - The Annual World Congress of Ocean-2013 , Hangzhou, China**

Theme: Economy, Resources and Growth. For details, click [here](#).

**7-9 October 2013 – Pacific 2013 International Maritime Conference (IMC) – Darling Harbour, Sydney**

The Pacific 2013 IMC will be held in association with the Pacific 2013 International Maritime Exposition and the Royal Australian Navy's Sea Power Conference, and follows the success of the International Maritime Conference held in January 2012. Normally held every two years, it has been brought forward to October 2013 to coincide with the Royal Australian Navy's centenary celebrations of the first arrival of the RAN's fleet unit in Sydney on 4 October 1913. For details: click [here](#)

**12-15 November 2013 - 2013 NSW Coastal Conference – Port Macquarie, NSW**

Covers: strategic planning, coastal values, infrastructure and the coast, and science and technology. For details, click [here](#).

**16-17 October 2013 - 9<sup>th</sup> Ballast Water Management Summit – Hamburg, Germany**

Case studies of how shipowners have gone through the process of selection and integration of ballast water systems and the latest on the ratification process and regional regulatory requirements. For details: click [here](#)

**20-21 November 2013 – ACT's 7<sup>th</sup> Optimising Fuel Management & Operational Efficiency conference – Singapore**

It will examine the performance enhancing options available to ship owners and ship managers for efficiency maximisation and increased profitability. For details: click [here](#)

**27-28 February 2014 - 6th Intermodal Asia 2014 Australia Exhibition and Conference – Melbourne**

Hosted by Port of Melbourne Corporation.

**7-11 April 2014 – XXII International Maritime Pilots' Association Congress – Panama**

For details: click [here](#)

**7-11 June 2014 – World Aquaculture Conference – Adelaide Convention Centre, Adelaide**

Australia is hosting World Aquaculture for the first time since 1999. This annual event will incorporate the biennial Australasian Aquaculture conference and trade show. Call for papers by 1 November 2013. For details, click [here](#)

**7-11 July 2014 - Australian Marine Sciences Association Conference – Canberra**

Details tba.

**2014 (date tba) - Defence and Industry Conference - Adelaide**

Press [statement](#)

There is no charge for entries under  
"CONFERENCES & SEMINARS".  
Email details to [news@aama.asn.au](mailto:news@aama.asn.au).

## SUBSCRIPTIONS

## AAMA SUBSCRIPTION &amp; MEMBERSHIP APPLICATION FORM

Please tick your requirements, complete the payment details and return to the AAMA Secretariat (details below)

## SUBSCRIPTION TO THE AUSTRALIAN MARITIME DIGEST

An e-newsletter published monthly (except January) – includes entitlement to membership of the AAMA

- ☐ **Australian Maritime Digest:** for the financial year from 1 July 2013 – 30 June 2014 - **\$95.00**
- ☐ (tick if applicable) – I do not wish to take up my entitlement of Membership of the AAMA.

## SUBSCRIPTION TO AUSTRALIAN JOURNAL OF MARITIME AND OCEAN AFFAIRS

(Quarterly publication available in electronic or hard copy format)

e-copy

Hard copy

Member's Rates ☐ \$95.00

☐ Australia: \$130.00

☐ Outside Australia: \$160.00

Non-Member's Rates ☐ \$110

☐ Australia: \$140.00

☐ Outside Australia: \$175.00

## Notes:

- Prices are shown in Australian dollars and include GST (within Australia) or postage (outside Australia) as applicable.
- A licence is required for subscribers to distribute electronic copies of publications within their organisations. Contact AAMA Secretariat or see AAMA Website.

## TAXATION INVOICE

## CONTACT DETAILS

Name: [Dr/Mr/Mrs/Ms] ..... Email: .....

Organisation: .....

Address: .....

State: ..... Postcode: ..... Phone: ..... Mobile: .....

## PAYMENT OPTIONS (please select one)

1. ☐ **Credit Card:** Please charge \$ \_\_\_\_\_ to my ☐ MasterCard ☐ Visa

Card No.

Name on Card (please print): \_\_\_\_\_

Signature \_\_\_\_\_ Expiry date \_\_\_\_/\_\_\_\_

2. ☐ **Cheque** enclosed (payable to Australian Association for Maritime Affairs) for \$ \_\_\_\_\_

PLEASE NOTE THAT FOREIGN CURRENCY CHEQUES CANNOT BE ACCEPTED.

3. ☐ **EFT** payment of \$ \_\_\_\_\_ has been paid by direct deposit (reference name or organisation shown above)

**Bank:** Westpac, Manuka ACT; **A/c Name:** Australian Association for Maritime Affairs; **BSB:** 032 729; **A/c #:** 13 2645

**AAMA details:** PO Box 241, Deakin West ACT 2600, Australia – Phone: 61 2 6290 1505 - Email: [admin@aama.asn.au](mailto:admin@aama.asn.au)