

Ship Observations Team

National Report for 2013

1.	Country	AUSTRALIA
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2.	Prepared by	GRAEME BALL
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3. **Contributing national marine organizations:**

Insert as applicable – VOS / SOOP / ASAP – Include additional detail where appropriate e.g (data management).

Organization	Australian Bureau of Meteorology (ABOM)
Programmes #	VOS / SOOP
Website URL	http://www.bom.gov.au/

Organization	CSIRO Marine and Atmospheric Research (CMAR)
Programmes #	SOOP
Website URL	http://www.cmar.csiro.au/

Organization	Royal Australian Navy (RAN) Hydrography and Metoc Branch
Programmes #	SOOP
Website URL	http://www.metoc.gov.au/

Organization	
Programmes #	
Website URL	

Organization	
Programmes #	
Website URL	

4. **List of National Focal Points for SOT / VOS / SOOP / ASAP** (see Appendix 1):

5. **List of Port Meteorological Officers** (see Appendix 2):

Appendix 1: List of National Focal Points for SOT / VOS / SOOP / ASAP

Country = AUSTRALIA

Instructions: One profile per person. Include all applicable Focal Point roles in the first line of each profile.

	1	2	3
Focal Point *	SOT / VOS / SOOP / ASAP	SOOP	
Name	Graeme Ball	Ann Gronell Thresher	
Title	Manager, Marine Operations Group	Scientist-in-Charge of Operations Argo/SOOP	
Agency	Bureau of Meteorology	CSIRO Marine and Atmospheric Research	
Postal Address	GPO Box 1289 Melbourne VIC 3001 Australia	GPO Box 1538 Hobart TAS 7001 Australia	
Email	g.ball@bom.gov.au	ann.thresher@csiro.au	
Telephone	+61 3 9669 4203	+61 3 6232 5419	
Facsimile	+61 3 9669 4168	+61 3 6232 5123	
	4	5	6
Focal Point *			
Name			
Title			
Agency			
Postal Address			
Email			
Telephone			
Facsimile			

* Insert all appropriate - SOT / VOS / SOOP / ASAP

Appendix 2: List of Port Meteorological Officers

Country = AUSTRALIA

	1	2	3
Main Port	Head Office	Head Office	
Name	Mr. Graeme Ball	Mr. Joel Cabrie	
Position / Role	Manager, Marine Operations Group	Technical Officer, Marine Operation Group	
Postal Address	Bureau of Meteorology GPO Box 1289 Melbourne VIC 3001 Australia	Bureau of Meteorology GPO Box 1289 Melbourne VIC 3001 Australia	
Email	g.ball@bom.gov.au	j.cabrie@bom.gov.au	
Group Email	marine_obs@bom.gov.au		
Telephone	+61 3 9669 4203	+61 3 9669 4651	
Facsimile	+61 3 9669 4168	+61 3 9669 4168	
	4	5	6
Main Port	Sydney	Fremantle	Melbourne
Name	Mr. Michael Funnell	Mr. Craig Foster	Mr. Justin Wood
Position / Role	Port Meteorological Officer Sydney	Port Meteorological Officer Fremantle	Port Meteorological Officer Melbourne
Postal Address	Bureau of Meteorology GPO Box 413 Darlinghurst NSW 1300 Australia	Bureau of Meteorology PO Box 1370 Perth WA 6872 Australia	Bureau of Meteorology GPO Box 1636 Melbourne VIC 3001 Australia
Email	PMA.Sydney@bom.gov.au	PMA.Fremantle@bom.gov.au	PMA.Melbourne@bom.gov.au
Group Email	portmetagents@bom.gov.au		
Telephone	+61 2 9296 1553	+61 8 9263 2292	+61 3 9669 4954
Facsimile	+61 2 9296 1648	+61 8 9263 2297	+61 3 9669 4964
Ports or area Serviced	Sydney, Newcastle, Port Kembla	Fremantle, Kwinana	Melbourne, Geelong