

**Ship Observations Team  
National Report for 2008**

1.	<b>Country</b>	Australia
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2.	<b>Prepared by</b>	Graeme Ball
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3. **Contributing national marine organizations:**

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

<b>Organization</b>	Australian Bureau of Meteorology (ABOM)
<b>Programmes #</b>	VOS / VOSclim / SOOP
<b>Website URL</b>	<a href="http://www.bom.gov.au/inside/oeb/networks/marine_obs.shtml">http://www.bom.gov.au/inside/oeb/networks/marine_obs.shtml</a>

<b>Organization</b>	CSIRO Marine and Atmospheric Research (CMAR)
<b>Programmes #</b>	SOOP
<b>Website URL</b>	<a href="http://www.cmar.csiro.au/">http://www.cmar.csiro.au/</a>

<b>Organization</b>	Royal Australian Navy (RAN)
<b>Programmes #</b>	SOOP
<b>Website URL</b>	<a href="http://www.navy.gov.au/">http://www.navy.gov.au/</a>

<b>Organization</b>	Defence Oceanographic Data Centre (DODC)
<b>Programmes #</b>	SOOP (data management)
<b>Website URL</b>	<a href="http://www.metoc.gov.au/">http://www.metoc.gov.au/</a>

<b>Organization</b>	Joint CMAR/ABOM Australian Facility for Ocean Observing Systems (JAFOOS)
<b>Programmes #</b>	SOOP (data management)
<b>Website URL</b>	<a href="http://www.bom.gov.au/bmrc/ocean/JAFOOS/index.html">http://www.bom.gov.au/bmrc/ocean/JAFOOS/index.html</a>

4. **List of National Focal Points for SOT / VOS / VOSClim / SOOP / ASAP** (see Appendix 1):
5. **List of Port Meteorological Officers** (see Appendix 2):
6. **Programme Reports**

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

**(Australia)**

<b>Focal Point *</b>	SOT / VOS / VOSClm / SOOP / ASAP	SOOP	
<b>Name</b>	Graeme Ball	Ann Gronell Thresher	
<b>Title</b>	Manager, Marine Operations Group. Chair, JCOMM Ship Observations Team.	Scientist-in-Charge of Operations Argo/SOOP	
<b>Agency</b>	Bureau of Meteorology	CSIRO Marine and Atmospheric Research	
<b>Postal Address</b>	GPO Box 1289 Melbourne VIC 3001 Australia	GPO Box 1538 Hobart TAS 7001 Australia	
<b>Email</b>	g.ball@bom.gov.au or smmo@bom.gov.au	Ann.Thresher@csiro.au	
<b>Telephone</b>	+61 3 9669 4203	+61 3 6232 5419	
<b>Facsimile</b>	+61 3 9669 4168	+61 3 6232 5123	

<b>Focal Point *</b>			
<b>Name</b>			
<b>Title</b>			
<b>Agency</b>			
<b>Postal Address</b>			
<b>Email</b>			
<b>Telephone</b>			
<b>Facsimile</b>			

\* Insert as appropriate - SOT / VOS / VOSClm / SOOP / ASAP

## Appendix 2: List of Port Meteorological Officers

(Australia)

<b>Port / Office</b>	Head Office	Fremantle	Melbourne
<b>Name</b>	Mr. Graeme Ball	Mr. Malcolm (Mal) Young	Mr. Albert Dolman
<b>Title</b>	Manager, Marine Operations Group. Chair, JCOMM Ship Observations Team.	Port Meteorological Agent Fremantle	Port Meteorological Agent Melbourne
<b>Postal Address</b>	Bureau of Meteorology GPO Box 1289 Melbourne VIC 3001 Australia	c/- Bureau of Meteorology PO Box 1370 Perth WA 6872 Australia	c/- Bureau of Meteorology GPO Box 1636M Melbourne VIC 3001 Australia
<b>Email</b>	smmo@bom.gov.au marine_obs@bom.gov.au (group address)	PMA.Fremantle@bom.gov.au	PMA.Melbourne@bom.gov.au
<b>Telephone</b>	+61 3 9669 4203	+61 8 9474 1974	+61 4 3858 7341
<b>Facsimile</b>	+61 3 9669 4168	+61 8 9474 2173	+61 3 5229 5432
<b>Comment</b>	VOS Program Manager and National PMO Focal Point		

<b>Port / Office</b>	Sydney		
<b>Name</b>	Mr. Sean Quinlan		
<b>Title</b>	Port Meteorological Agent Sydney		
<b>Postal Address</b>	c/- Bureau of Meteorology GPO Box 413 Darlinghurst NSW 1300 Australia		
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<b>Facsimile</b>	+61 2 9316 1001		