

CEARAC workplan for implementation of the State of Marine Environment Report in the NOWPAP Region

1. Background

The workplan for the State of Marine Environment Report in the NOWPAP Region was approved in the 10th Intergovernmental meeting (Toyama, November 2006) as main activity of POMRAC for 2006-2007. The suggested structure of the report (Table 1) was proposed by POMRAC. CEARAC was assigned to write subset of its contents, Chapter 4.3 Harmful algal blooms (WG3 + WG4), Chapter 5.1 Marine litter and 5.2 Persistent Toxic Substances and so on.

This document explains the work plan for the State of Marine Environment Report in the NOWPAP Region in CEARAC.

Table 1
Suggested structure of the
STATE OF MARINE ENVIRONMENT REPORT IN THE NOWPAP REGION
(as of 13 September 2005)

Parts of the report	Who will lead	Volume (pages)	When it will be ready (approx.)
Executive Summary	POMRAC	1	2007, Jan.
1. Introduction	POMRAC	1	2007, Jan.
2. Geography, hydrography and climate (very short, only to explain differences among different parts of NOWPAP sea area and mention monsoon climate)	POMRAC	2	2006, June
3. Human pressures (also very short – differences in population/industrial development among different parts of NOWPAP sea area – from existing documents)	POMRAC	2-3	2006, June
4. Current marine environmental	POMRAC	12-17	2006, June

issues			
4.1. Pollutant inputs from atmosphere (WG1)	POMRAC	2-3	2006, June
4.2. Pollutant inputs from rivers and waste waters (WG2, organized according to the GPA pollutant nodes – trace metals, nutrients, oil and hydrocarbons, POPs, etc.)	POMRAC	2-3	2006, June
<i>4.3. Harmful algal blooms (WG3 + WG4)</i>	<i>CEARAC</i>	<i>2-3</i>	<i>2006, June</i>
4.4. Oil spills	MERRAC	2-3	2006, June
4.5. Coastal environmental hot spots (consultant, based on available info from NOWPAP old national reports, GIWA, PICES, PDF-B proposal, etc.)	POMRAC CEARAC	2-4	2006, June
4.6. Biodiversity situation	POMRAC	2-3	2006, June
5. Emerging environmental issues	POMRAC	9	2006, August
<i>5.1. Marine litter</i>	<i>CEARAC</i> MERRAC	<i>2-3</i>	<i>2006, August</i>
<i>5.2. Persistent Toxic Substances</i>	<i>CEARAC</i>	<i>2</i>	<i>2006, August</i>
5.3. HNS spills	MERRAC	2	2006, August
5.4. Ballast waters and marine invasive species	MERRAC	2	2006, August
5.5. Other GPA pollution nodes: sewage, sediment	POMRAC and other RACs	3	2006, August

<p>mobilization, physical alterations and destruction of habitats (land reclamation), possible effects of dam construction, implications of climate change, etc.</p>			
<p>5.6. Other (mariculture, biodiversity, marine protected areas, etc.)</p>	POMRAC	2	2006, August
<p>6. Summary (or ASSESSMENT?) and recommendations</p>	POMRAC	5-6	2006, Oct.
<p>6.1. Summary of current situation (from chapter 4) plus a few words about DINRAC (data and information management)</p>	POMRAC DINRAC	2-3	2006, Oct.
<p>6.2. Emerging issues and the way forward: 1) ICARM; 2) data and info management; 3) policy and legislation; 4) biodiversity conservation; 5) HNS spills 6) ballast waters (inv. species); 7) any other recommendations (from GIWA and PICES reports)</p>	POMRAC DINRAC MERRAC CEARAC	3	2006, Oct.
<p>7. References</p>	POMRAC and others RAC	1-2	2007, Jan.
<p>FINAL REPORT AS A WHOLE</p>	POMRAC and others RAC	30-40	2007, Feb.

2. CEARAC Workplan of the State of Marine Environment Report in the NOWPAP Region

2.1 Chapter 4.3 (Harmful algal blooms (WG3 + WG4))

Integrated Report on Harmful Algal Blooms and Ocean Remote Sensing for the NOWPAP Region was published in 2005. These two reports will be condensed into 2-3 pages as contents of Chapter 2.4 by CEARAC.

2.2 Chapter 5.2 (Persistent Toxic Substances)

CEARAC will summarize the situation of Persistent Toxic Substances which exists in the NOWPAP Region based on based available information from past NOWPAP national reports, GIWA, PICES, PDF-B proposal, etc, with the cooperation of consultant in the NOWPAP Members.

2.3 Chapter 5.1 (Marine Litter)

CEARAC will summarize the situation of land based marine litter in the NOWPAP Region based on reports of Research on Washed-up Driftage on the Coasts of the Northwest Pacific Region of NPEC and annual reports of International Coastal Cleanup published by the Ocean Conservancy, etc, with the cooperation of consultant in the NOWPAP Members.

Situation of sea based marine litter in the NOWPAP Region will be summarized by MERRAC.