

NOWPAP MERRAC

Northwest Pacific Action Plan
Marine Environmental Emergency Preparedness and Response
Regional Activity Centre



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Report of the 14th NOWPAP MERRAC Focal Points Meeting & the 6th Competent National Authorities Meeting

MERRAC, Daejeon

7-10 June 2011

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**THE FORTEENTH NOWPAP MERRRAC FOCAL POINTS MEETING &
THE SIXTH COMPETENT NATIONAL AUTHORITIES MEETING
FOR NOWPAP REGIONAL OIL AND HNS SPILL CONTINGENCY PLAN**
(MERRAC, Daejeon, 7-10 June 2011)

REPORT OF THE MEETING

Background

1. The Action Plan for the Protection, Management and Development of the Marine and Coastal Environment of the Northwest Pacific Region (NOWPAP) and three Resolutions were adopted at the First Intergovernmental Meeting (IGM) in Seoul (September 1994) by the NOWPAP member states namely People's Republic of China, Japan, Republic of Korea, and Russian Federation (hereinafter referred to as China, Japan, Korea and Russia). Resolution 1 identified five areas of priority for implementation of the Action Plan, one of which was NOWPAP/4: Development of Effective Measures for Regional Cooperation in Marine Pollution Preparedness and Response. For implementation of NOWPAP/4, it was recommended that a Forum be created under the NOWPAP framework. The objectives of the Forum were specified as follows: (i) to exchange information on marine pollution preparedness and response; (ii) to develop the NOWPAP Regional Oil Spill Contingency Plan (Plan); and (iii) to develop the Memorandum of Understanding (MOU) on the Regional Cooperation Regarding Preparedness and Response to Oil Spills. The NOWPAP member states, supported by United Nations Environment Programme (UNEP) and International Maritime Organization (IMO), have worked towards achievement of these objectives through Forum Meetings as well as the informal Expert Meetings and intersessional work.

2. The informal Meeting of Experts on Marine Pollution Prevention in the Northwest Pacific was held in Niigata in July 1996. The First Forum was launched in Toyama, Japan (July 1997), and an interim Terms of Reference (TOR) was agreed to facilitate its future work. The First Forum decided on initial tasks and designation of responsibility for the tasks among the NOWPAP member states. The Second Forum (Daejeon, Korea, April 1998) agreed on the scope of the continuous work of the NOWPAP member states. The Third Forum (Yuzhno-Sakhalinsk, Russia, July 1999) reviewed the progress of the initial tasks agreed at the Second Forum.

3. In March 2000, the Marine Environmental Emergency Preparedness and Response Region Activity Centre (MERRAC) was established in Daejeon, Korea, based on the agreement of the Fourth NOWPAP IGM (China, April 1999). MERRAC took on the responsibility of functioning as the secretariat for the Meeting, as defined its TOR.

4. The Fourth Forum Meeting was held in Qingdao, China, in May 2001 and considered the draft Plan prepared by IMO. It was agreed that IMO would prepare a draft MOU taking into account

the two existing draft MOUs, following the discussions on the type of document to be developed, and it was also agreed that the Expert Advisory Group Meeting (Japan, November 2001) be organized to discuss the revised draft Plan and the draft MOU prepared by IMO during intersessional period. Based on the decision by the Fourth Forum Meeting, the name of the Forum was changed into "NOWPAP MERRAC Focal Points Meeting (FPM)" and the meeting would be organized periodically at MERRAC office each year in May, from the Fifth NOWPAP MERRAC FPM.

5. The Fifth NOWPAP MERRAC FPM held at MERRAC office in May 2002 concluded the text of the draft Plan and its associated MOU and decided to rearrange the intersessional activities as the routine tasks of MERRAC and specific projects co-ordinated by MERRAC. The Sixth NOWPAP MERRAC FPM (September 2003) considered and approved the draft annexes of the draft Plan (UNEP/IMO/NOWPAP/MERRAC/FPM 6/10) and agreed to forward the draft Plan and its associated MOU to the Eighth NOWPAP IGM. As the decision of Fifth and Sixth NOWPAP MERRAC FPMs, the NOWPAP Regional OPRC Training Course (IMO Level 2 Course) were also held in Korea in October 2002 and Japan in November 2003, respectively, as an Expert Meeting.

6. The Eighth NOWPAP IGM (Sanya, China, November 2003) adopted the Plan as technical and operational guidelines for regional cooperation in cases of oil spill emergencies in the NOWPAP region, and approved the text of the MOU on the regional cooperation regarding preparedness and response to oil spills. Based upon the decision of the Eighth NOWPAP IGM, MERRAC hosted the presentation ceremony of the signature of the MOU on NOWPAP Regional Oil Spill Contingency Plan in Busan, Korea, on 2 November 2004. The MOU signed by ministerial level of the NOWPAP member states and the Plan was finally established by NOWPAP member states.

7. The Seventh NOWPAP MERRAC FPM (MERRAC, May 2004) decided that 'Competent National Authorities Meeting for NOWPAP Regional Oil Spill Contingency Plan (CNA Meeting)' be organized once a year, in conjunction with the NOWPAP MERRAC FPM, in order to discuss the issues related to the Plan.

8. MERRAC held the 2004 Expert Meeting in Qingdao, China (15-18 November 2004) in order to discuss and review, at a technical level, various topics related to MERRAC Specific Projects and also the preliminary CNA Meeting in conjunction with the Expert Meeting to discuss the inception and implementation of the Plan. The Eighth NOWPAP MERRAC FPM and the First CNA Meeting (MERRAC, May 2005) reviewed the recommendation of the 2004 Expert Meeting, and rearranged MERRAC Specific Projects.

9. The Tenth NOWPAP IGM (Toyama, Japan, 24-26 November 2005) approved the expansion of the geographical coverage of the Plan and as well as new MERRAC's activities including chemical (HNS) spill, marine based pollution (MARPOL and OPRC with IMO), Marine

Litter (with other RACs) during 2006/2007 biennium and Ballast Water and Alien Invasive Species (with Globallast II), IMO convention, and Liability and Compensation at a later stage. The meeting also decided to start the Marine Litter Activity (MALITA) to deal with marine litter problem in the NOWPAP region together with NOWPAP RCU, RACs and NOWPAP member states.

10. Based upon the decision of the Tenth NOWPAP IGM, the Ninth NOWPAP MERRAC FPM (MERRAC, 5-7 June 2006) agreed to amend relevant texts of the Plan adding the HNS part. The 2006 Expert Meeting held in Yuzhno-Sakhalinsk, Russia, (November 2006) developed the draft NOWPAP Regional Oil and HNS Spill Contingency Plan and the associated MOU, incorporating the various comments made during the meeting.

11. The Eleventh NOWPAP IGM (Moscow, Russia, 20-21 December 2006) approved TOR for NOWPAP MERRAC FPM with minor amendments, which was revised at the Ninth NOWPAP MERRAC FPM. The IGM also decided to implement evaluation in order to assess the usefulness and effectiveness of the Regional Activities Centre (RAC) system as a whole and their individual performance in particular. Through the RACs evaluation conducted by an independent international consultant, it was evaluated that MERRAC played an important role in oil and chemical spills contingency plan development.

12. The Tenth NOWPAP MERRAC FPM and the Second CNA Meeting (MERRAC, 15-18 May 2007) reviewed the draft texts of NOWPAP Regional Oil and HNS Spill Contingency Plan and the associated MOU which had been developed by the 2006 NOWPAP MERRAC Expert Meeting. And the Twelfth NOWPAP IGM (Xiamen, China, 23-25 October 2007) approved the draft text of the NOWPAP Regional Oil and HNS Spill Contingency Plan with minor modifications. Regarding the MOU, keeping the original MOU signed by the ministerial level of the NOWPAP member states, the meeting requested MERRAC to prepare and distribute the draft text of the Agreement to the NOWPAP member states for adoption at the Thirteenth NOWPAP IGM. The Meeting also approved to implement the NOWPAP Regional Action Plan on Marine Litter (RAP MALI) during 2008/2009 as a next phase of MALITA.

13. The Eleventh NOWPAP MERRAC FPM and the Third CNA Meeting (MERRAC, 10-13 June 2008) agreed to change the definition of HNS in line with the one used in OPRC-HNS Protocol. Regarding the Agreement, considering a legal and administrative, the meeting agreed to change the title into "Resolution," and then submit to the Thirteenth NOWPAP IGM for final adoption. The FPM also agreed to enhance the NOWPAP Exercise in order to build capacity to respond to oil and HNS spill.

14. The Thirteenth NOWPAP IGM (Jeju, Korea, 20-21 October 2008) adopted the Resolution of the NOWPAP Regional Oil and HNS Spill Contingency Plan and the Plan came into effect. The IGM approved the new activities of NOWPAP RACs for 2008-2011 and decided to conduct a RCU evaluation in 2009.

15. The Twelfth NOWPAP MERRAC FPM and the Fourth CNA Meeting (MERRAC, 1-3 June 2009) agreed to replace the annex 4 to NOWPAP Regional Oil and HNS Spill Contingency Plan with the IMO POLREP format, which was considered the internationally accepted format utilized by other regions. The meeting also agreed to mark “available equipment” by adding the columns of Information System of Equipment which is maintained as MERRAC Routine Tasks together with the information of their cost and/or rate.

16. The Fourteenth NOWPAP IGM (Toyama, Japan, 8-10 December 2009) reviewed RCU performance report conducted by Mr. Alan Fox. Based on the several suggestions regarding the NOWPAP RCU Terms of Reference (TOR), the meeting agreed to redraft RCU TOR and to present it to the Fifteenth NOWPAP IGM for discussion and approval. The meeting also approved to implement the NOWPAP Regional Action Plan on Marine Litter (RAP MALI) for 2010-2011.

17. The Thirteenth NOWPAP MERRAC FPM and the Fifth CNA (MERRAC, 8-11 June 2010) agreed to organize the Forum on Sakhalin Projects, in the form of 2010 MERRAC Expert Meeting, back to back with the Third NOWPAP DELTA, at Hokkaido, Japan, in September, 2010.

18. The Fifteenth NOWPAP IGM (Moscow, Russia, in November 2010) decided to further develop the NOWPAP Medium-term Strategy (MTS) 2012-2017 and NOWPAP Programme of Work (PoW) 2012-2013, in consultation with NOWPAP RACs, and to submit it to the next IGM.

19. Based upon the agreement of the Thirteenth NOWPAP MERRAC FPM and the Fifth CNA Meeting, the Fourteenth NOWPAP MERRAC FPM and the Sixth CNA Meeting were held back to back on 7-10 June 2011 simultaneously, in order to save relevant budget. The list of the participants to the meeting is attached as **Annex I**.

The Fourteenth NOWPAP MERRAC Focal Points Meeting

Agenda item 1. Opening of the meeting

20. The meeting was opened at 10:00 a.m. at MERRAC office (Daejeon) on 7 June 2011 by Dr. Seong-Gil KANG, Director of MERRAC. In his opening remarks, he warmly welcomed participants of the Fourteenth NOWPAP MERRAC Focal Points Meeting (FPM) and the Sixth Competent National Authorities (CNA) Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan. Mentioning the recent earthquake-tsunami disaster occurred in the northern Japan on 11 March 2011, he expressed deep condolences on the affected people, and also hoped its rapid recovery. As Director of MERRAC, he thanked the NOWPAP member states, IMO, UNEP, NOWPAP RCU and other relevant bodies for their support and contributions toward the efforts in organizing this NOWPAP MERRAC FPM. He expressed the wish to have further co-operation on MERRAC activities to conserve and protect the NOWPAP sea area.

21. Mr. Suak-Ho VAN, Director General of KORDI Daedeok Branch, welcomed all participants and congratulated the MERRAC secretariat for organizing the meeting successfully. Introducing the role and activities of KORDI as a pioneering and challenging Research and Development institute in the field of ship and offshore technologies, he mentioned to continuously support on MERRAC activities. Also, he expressed sincere sympathy on the tens of thousands of victims and Japanese Government due to the latest devastating event.

22. Dr. Alexander TKALIN, Co-ordinator of NOWPAP, welcomed all participants and congratulated the MERRAC secretariat for organizing the meeting successfully. Informing the decision from Russia on payment of a contribution of the NOWPAP Trust Fund in 2011, he stressed that the NOWPAP Trust Fund needs to be sustained to implement the future activities of MERRAC such as ballast water and reduction of CO₂ emission from ships.

23. Mr. James PAW, Programme Co-ordination Officer, IMO, on behalf of the Organization, welcomed all participants. Recalling the Deepwater Horizon incident in the Gulf of Mexico in 2010 and the latest devastating high magnitude earthquake in northern Japan, he pointed out that in both situations, it was the environment and coastal populations that suffer. He extended his deep sympathy to the people of Japan that were affected by the recent disaster. He remarked that marine pollution from ships have been reduced over the past forty years, while significant spill incidents, both oil and HNS, still occur. With this, he emphasized the necessity of continuous conduct of NOWPAP DELTA exercise and continuing refinement of the NOWPAP Regional Oil and HNS Spill Contingency Plan in order to enhance effectiveness and efficiency of response in the event of a spill incident.

24. The delegations of China, Japan, Korea and Russia expressed their thanks to MERRAC for organizing the meetings as well as NOWPAP RCU, IMO, and KORDI for their support to MERRAC activities. They expressed the willingness to continuous cooperation with MERRAC activities and wished the meeting successfully and fruitful outcome. Additionally delegation of Russia drew attention to the need to work with IMO for obtaining consultative status of MERRAC in IMO. Especially, the member states offered deep condolences to the delegation of Japan on the latest earthquake-tsunami occurred in March 2011, in Japan, and hoped it would be recovered as soon as possible, and accordingly Japan expressed sincere thanks to all NOWPAP member states on concerns and supports.

Agenda item 2. Organization of the meeting

25. The meeting unanimously elected Mr. Chang-woo HA, Deputy Director of Marine Pollution Response Planning Division, Korea Coast Guard (KCG), Korea, as chairperson, and Dr. Natalia KUTAEVA, Head of Maritime Environment Protection Division, State Marine Pollution

Control, Salvage & Rescue Administration of the Russian Federation (SMPCSA), Russia, as Rapporteur, respectively.

26. The meeting agreed to apply the rules of procedure in line with the provisions in the Terms of Reference of the NOWPAP MERRAC FPM, with English as the working language. Director of MERRAC presented the provisional list of documents (**Annex II**), indicating that additional documents might be submitted during the meeting.

Agenda item 3. Adoption of the agenda

27. Director of MERRAC introduced the Provisional Agenda (UNEP/IMO/NOWPAP/MERRAC/FPM 14/1) and the Annotated Provisional Agenda (UNEP/IMO/ NOWPAP/MERRAC/FPM 14/2). The meeting adopted the agenda as set out in **Annex III**.

Agenda item 4. Overview of the progresses made in the intersessional period after the Thirteenth NOWPAP MERRAC Focal Points Meeting

28. Dr. Sangjin LEE, Scientific Affairs Officer of NOWPAP, reported the general progress of NOWPAP activities, and introduced the activities of the other RACs during the intersessional period since the Thirteenth NOWPAP MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM 14/3). He noted that NOWPAP has enhanced partnerships with other regional programmes and relevant organizations, and raised public awareness on marine and coastal environment. He reported briefly the progress on NOWPAP Regional Action Plan on Marine Litter (RAP MALI), and introduced NOWPAP projects being implemented on marine and coastal biodiversity.

29. Mr. James PAW, IMO representative, made a presentation on the latest IMO's activities in marine environment protection (UNEP/IMO/NOWPAP/MERRAC/FPM 14/4). He reported the outcomes of OPRC-HNS Technical Group (TG 11) and the Marine Environment Protection Committee (MEPC 61) such as the present status of manuals and guidance documents developed by TG including special area and particularly sensitive sea area (PSSAs), liability and compensation, technical co-operation, and ratification of IMO Convention. The meeting noted the outcomes of works of the IMO within the framework of the strategic plan for the period 2010 to 2015, including recent ratifications of IMO conventions during the intersessional period.

30. Dr. Seong-gil KANG, Director of MERRAC, reported on MERRAC's activities made during the intersessional period since the Thirteenth MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM 14/5). He also presented the expenditure of the budget of MERRAC for the 2010/11 biennium for the MERRAC activities (UNEP/IMO/NOWPAP/MERRAC/FPM 14/6). In particular, he noted that MERRAC is in close consultation with IMO to make an application for observer status in IMO.

Agenda item 5. Review of the progresses made for each task agreed at the Thirteenth NOWPAP MERRAC Focal Points Meeting, and identification of continuous work

31. The meeting reviewed the progress on Routine Tasks and Specific Projects made after last NOWPAP MERRAC FPM (Annex V of UNEP/IMO/NOWPAP/MERRAC/FPM 13/23) and identified future activities to be continued under each task and project.

5.1. Routine Tasks

Focal Points

32. Ms. Hye-Mi LEE, Consultant of MERRAC, introduced the document on the Focal Points (UNEP/IMO/NOWPAP/MERRAC/FPM 14/7). She informed that all NOWPAP member states submitted their updated lists of the Focal Points, which were reflected accordingly in the present document considered by the meeting. Also, she noted that Russia informed the possibility of change of their Focal Point in the near future. The meeting agreed to update the Annex I of the NOWPAP Regional Oil and HNS Spill Contingency Plan.

Information System

33. Ms. Hye-Mi LEE (MERRAC) introduced the report on the Information System (UNEP/IMO/NOWPAP/MERRAC/FPM 14/8). She reported that all NOWPAP member states submitted the updated list of response equipment, and institutions and experts in the field of marine pollution preparedness and response. Regarding the information on national performance standards and/or regulations on the application of non mechanical methods, China, Japan and Korea had submitted the updated reports. Russia confirmed the application of standards concerning the usage of dispersants for oil spill response which has been already submitted to MERRAC.

34. Dr. Jeong-Hwan OH, Senior Consultant of MERRAC, reported on the draft summary report of national performance standards and/or regulations on the application of non mechanical methods. The meeting encouraged to continue the update of the report, especially regarding the information of boom and oil gelling agents.

35. The meeting agreed for MERRAC to upload the updated lists of equipment, institutions and experts on MERRAC website (<http://merrac.nowpap.org>), including national performance standards and/or regulations on the application of non mechanical methods. The meeting further agreed to continuously update the list of Information System, and maintain the list by MERRAC.

Reports on Oil and HNS Pollution Incidents

36. Ms. Hye-Mi LEE (MERRAC) introduced the document on oil and HNS pollution incidents (UNEP/IMO/ NOWPAP/MERRAC/FPM 14/9). Presenting the recent trends and other statistics on occurrence of oil and HNS spills in the region, she stated that all NOWPAP member states submitted updated lists of oil and HNS spill incidents with spillage over 10 tons. The Consultant requested member states to report oil and HNS spill incidents using the POLREP format as soon as it occurs, with a view that MERRAC would upload the information on its website in order to share information promptly.

37. Approving to upload the updated lists of oil and HNS incidents on MERRAC website, the meeting requested MERRAC to continue to maintain the list of oil and HNS spill accidents in the region as one of its Routine Tasks.

5.2. Specific Projects

38. Dr. Jeong-Hwan OH (MERRAC) reported on the general progress made in the implementation of Specific Projects (UNEP/IMO/NOWPAP/MERRAC/FPM 14/10).

39. The representatives of the leading countries or the leading experts for each project reported their activities, results and/or recommendations on each Specific Project. The following Specific Projects were considered:

- Quantitative Minimum Level of Preparedness (China and Russia)
- Application of HNS training manual to actual training course (Japan)
- Regional Report on HNS Preparedness and Response (MERRAC)
- Legislation and practice on marine pollution damage civil liability and compensation (China)
- Environmental issues related to oil spill incidents in the NOWPAP region (MERRAC)
- Development of the practical assistance procedure and system under the NOWPAP Regional Oil and HNS Spill Contingency Plan (MERRAC)

40. Following the presentations, the meeting discussed the achievements and/or recommendations emanating from these projects and identified the future work needed to be carried out under the Specific Projects. The main conclusions of the discussion for each Specific Project are summarized as follows:

Quantitative Minimum Level of Preparedness (China and Russia)

41. Ms. Cuiming XU (China) explained the progress report on quantitative minimum level of preparedness and response for the port, oil terminal and off-shore platform, which includes the information of relevant Chinese and Korean standard (UNEP/IMO/NOWPAP/MERRAC/FPM 14/10 Annex 1). Following the detailed discussion on further activities on this specific project, the meeting agreed to terminate this project at this moment considering the present situation of member states (e.g. lack of available information or resources).

42. Dr. Natalia KUTAEVA (Russia) suggested launching new activities for development of the manual on conduction of oil spill response operational exercises based on the experiences of NOWPAP members. The above manual would include the relevant information of NOWPAP members and recommendation on conduction of oil spill response operational exercise, including procedure and instruction related to briefing, debriefing and exercise itself. As concern exercises in question, the manual could include recommendation of planning phase named by, preparation of the scenario, development of the map of exercise's area, etc. Such manual developed by the experience of NOWPAP members could be considered as a course book. She further informed that written more detailed proposal will be submitted to the next NOWPAP MERRAC FPM.

Application of HNS training manual to actual training course (Japan)

43. Mr. Yasuhiro URANO (Japan) proposed to withdraw implementation of this specific project due to the limitation of their available resources to carry out the project at this moment. The meeting agreed to the proposal.

Regional Report on HNS Preparedness and Response (MERRAC)

44. Dr. Jeong-Hwan OH (MERRAC) reported on the revised regional report on HNS preparedness and response (UNEP/IMO/NOWPAP/MERRAC/FPM 14/10 Annex 3). The meeting agreed to publish the report in PDF version as a MERRAC technical report after editorial correction within 1 or 2 months after the meeting. MERRAC was requested to upload the published report on MERRAC website.

Legislation and practice on marine pollution damage civil liability and compensation (China)

45. Mr. Chunchang ZHANG (China) reported on the progress of the project on legislation and practice related to civil liability and compensation for marine pollution damage in the region (UNEP/IMO/NOWPAP/MERRAC/FPM 14/10 Annex 5). He informed that an expert group was established, and national reports has been developing by the expert group according to the outline suggested by the leading expert of China during the last intersessional period after the Thirteenth

NOWPAP MERRAC FPM, and also invited NOWPAP member states to submit their report as soon as possible, according to the workplan.

46. The meeting encouraged to continue the project for next intersessional period and request to submit the draft report to the Fifteenth NOWPAP MERRAC FPM.

Environmental issues related to oil spill incidents in the NOWPAP region (MERRAC)

47. Ms. Hye-Mi LEE (MERRAC) reported a draft report of the project on environmental issues related to oil spill incidents in the NOWPAP region focusing on the case study of *Hebei Spirit* oil spill, including contents (UNEP/IMO/NOWPAP/MERRAC/FPM 14/10 Annex 6).

48. The meeting agreed to submit a draft summary report to the Fifteenth NOWPAP MERRAC FPM after collecting more information provided by the NOWPAP members, if any.

49. Dr. Natalia KUTAEVA (Russia) informed that in the framework of bilateral Russian Federation – U.S.A. governmental agreement on co-operation in combating pollution in the Bering and Chukchi Seas in emergency situation, US Coast Guard is going to submit the final report on the lesson learnt at Deepwater Horizon incident including comparison of effectiveness of oil spill response equipment by type. She also noted to the meeting that she will report the results, as appropriate, at the next NOWPAP MERRAC FPM for sharing information among the NOWPAP member states.

Development of the practical assistance procedure and system under the NOWPAP Regional Oil and HNS Spill Contingency Plan (MERRAC)

50. Dr. Jeong-Hwan OH (MERRAC) reported on the draft questionnaire to assess the status on the assistance procedure and system under the NOWPAP Regional Oil and HNS Spill Contingency Plan (UNEP/IMO/NOWPAP/MERRAC/FPM 14/10 Annex 7). Further to the draft questionnaire, he presented the result of self-assessment made by MERRAC as an example for the reference of the member states.

51. The meeting agreed to submit the further results of self-assessment made by the member states to the next NOWPAP MERRAC FPM, using newly revised the questionnaire reflecting comments made during the meeting, such as the scope, the detailed items, and level of grade of the questionnaire.

Agenda item 6. Sea-based marine litter activities

52. Dr. Sangjin LEE (NOWPAP RCU) highlighted several activities implemented under the NOWPAP Regional Action Plan on Marine Litter (RAP MALI) after the Thirteenth NOWPAP MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM 14/11). He stressed on the activities and efforts of RACs and RCU to increase visibility on 2010 NOWPAP ICC campaigns and Fifth International Marine Debris Conference. He also noted that 2011 NOWPAP ICC Campaign and workshop will be held in China.

53. Dr. Jeong-Hwan OH (MERRAC) reported on the MERRAC activities carried out under RAP MALI implementation (UNEP/IMO/NOWPAP/MERRAC/FPM 14/12). He also made a presentation on the regional report on port reception facilities in the NOWPAP region updated based upon the information of the IMO GISIS and the draft case study report on negative impacts of marine litter in the NOWPAP region, including marine litter monitoring data of DINRAC and case study provided by Expert Group.

54. Regarding regional report on port reception facilities in the NOWPAP region, the meeting agreed to publish the updated report in a hard copy, collecting the updated information by China and Russia within 3 months after the Fourteenth NOWPAP MERRAC FPM.

55. With respect to the draft case study report on negative impacts of marine litter in the NOWPAP region, the meeting agreed to circulate it to the Marine Litter Focal Points and/or MERRAC Focal Points during the intersessional period for their review, and then finalize the case study report to meet time schedule of the RAP MALI workplan.

56. Mr. Masao OMORI (Japan) proposed NOWPAP RCU to try to more harmonize the activities of the NOWPAP RACs on RAP MALI. In responding to the comment, Dr. TKALIN replied that they will continuously endeavor to address marine litter problem by cooperative activities among the RACs.

Agenda item 7. Revision and/or amendment of NOWPAP Regional Oil and HNS Spill Contingency Plan, including its Annexes

57. Dr. Jeong-Hwan OH (MERRAC) introduced the revised Annex 9 (List of HNS which might be covered under the Plan) of NOWPAP Regional Oil and HNS Spill Contingency Plan, which was re-arranged based on the consultation of Chinese and Korean experts (UNEP/IMO/NOWPAP/MERRAC/FPM 14/13).

58. Mr. Yasuhiro URANO (Japan) pointed out that this revised format had not been circulated by MERRAC secretariat to the member states prior to the meeting for their internal review, and requested the meeting to discuss it at the next NOWPAP MERRAC FPM. Based on the comment by Japan, the meeting agreed to postpone the discussion on revision of the Annex 9.

The Sixth Competent National Authorities Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan (for Agenda 8 – 12)

Agenda item 8. Report and discussion on the NOWPAP Training and Exercise carried out during the last intersessional period and to be held in the near future

59. Dr. Jeong-Hwan OH (MERRAC) introduced a progress report on the activities related to NOWPAP Training and Exercise (UNEP/IMO/NOWPAP/MERRAC/FPM 14/14).

60. Mr. Yasuhiro URANO (Japan) reported the result of the Sixth NOWPAP BRAVO exercise conducted in February 2011, and Dr. Se-Jin Park (Korea) reported the result of the Seventh NOWPAP BRAVO exercise conducted in May 2011 (Annex 1 and Annex 2 of UNEP/IMO/NOWPAP/MERRAC/FPM 14/14, respectively).

61. Based on the experience of the Sixth and Seventh NOWPAP BRAVO exercises, the several issues were discussed such as communication manner (fax and/or e-mail), flexibility of time interval and the designation of the title for the exercise.

62. The meeting agreed to use both e-mail and fax as main communication manner, and also to designate secondary e-mail address for ensuring timely and accurate communication, if necessary. Regarding the time interval between the messages during the exercise, it was agreed that the flexibility can be given depending on the situation and intention of leading country within fixed total time to conduct the exercise. The meeting also agreed to the proposal of the Russian delegation to designate the title of each BRAVO exercise including information such as date, nation and location.

63. The meeting agreed to organize NOWPAP BRAVO continuously twice a year. According to the rotational basis, China and Russia were invited to lead NOWPAP BRAVO at the second half of 2011 and the first half of 2012, respectively.

64. Mr. Yasuhiro URANO (Japan) reported the result of the Third NOWPAP DELTA (Joint NOWPAP Oil Spill Exercise) co-organized by Japan and Russia in September 2010, in Hokkaido,

Japan, and the information paper to be submitted by Japan to the Twelfth session of the MEPC/OPRC-HNS Technical Group (TG 12) on 4-8 July 2011 to be held at IMO Headquarters (UNEP/IMO/NOWPAP/MERRAC/ FPM 14/14 Annex 3). Evaluating that the exercise was very meaningful and successful, the meeting expressed thanks to Japan and Russia for their effort on the implementation of the exercise.

65. Dr. Se-Jin Park (Korea) presented on the draft plan of the Fourth NOWPAP DELTA to be organized by Korea and China during the period of "Expo 2012 Yeosu, Korea" in Yeosu, Korea, from 12 May to 12 August, 2012 (UNEP/IMO/NOWPAP/MERRAC/FPM 14/14 Annex 4). It was noted that Japan and Russia will be invited as observers. He suggested organizing the exercise in conjunction with the Fifteenth NOWPAP MERRAC FPM to save the budget and increase the participation of member states. Ms. Cuiming XU (China) stated that China Maritime Safety Administration (MSA) will discuss the draft plan in detail with Korea Coast Guard in due course. It was reported that the detailed plan will be circulated after the consultation between China and Korea. As reply to the suggestion, the meeting agreed to the draft plan submitted by Korea.

Agenda item 9. Report of the Forum on Sakhalin Projects (2010 NOWPAP MERRAC Expert Meeting)

66. Mr. Yasuhiro URANO (Japan) reported the results of the Forum on Sakhalin Projects, in the form of 2010 MERRAC Expert Meeting held in Wakkanai, Japan, on 5 September 2010 (UNEP/IMO/NOWPAP/MERRAC/FPM 14/15). He provided the electronic version of the proceedings on the Forum including presentation materials. It will be uploaded on MERRAC website to share the relevant information among the member states. The meeting reminded the importance to prepare for and response to marine pollution incidents in the Sakhalin region, and agreed to report the existing regional cooperative mechanism among the related parties and private sector in the Sakhalin region including the local contingency plan at the next meeting.

Agenda item 10. Report of representative of CNAs on issues related to latest progress in their respective countries

67. Mr. Chunchang ZHANG (China) introduced the report on new regulations of China on emergency preparedness and response of vessel-induced pollution to marine environment that came into effect as of 1 June 2011 (UNEP/IMO/NOWPAP/MERRAC/FPM 14/16 Annex 1-1). He stressed that the regulation including improvement of response procedure, assessment effects after clean-up, and quality test of response equipment and appliances would contribute to environmental protection against the vessel-induced marine environment pollution.

68. Mr. Chunchang ZHANG (China) also reported on oil spill response to "Xin-gang 7.16" accident occurred in Dalian, China, on 16 July 2010 (UNEP/IMO/NOWPAP/ MERRAC/FPM 14/16 Annex 1-2). He noted pollution situation caused by the incident, emergency response and cleanup operations taken during and/or after the incident. He also explained that it was not classified into marine accident because the accident occurred on land-side. He mentioned that the lessons from the incident were improvement of national marine oil spill emergency response mechanism, promotion of national oil spill emergency preparedness, and research and development of new clean-up technologies.

69. Mr. Chunchang ZHANG (China) further presented on the liquid chemical spill response exercise carried out at Ningbo port, in China, 2010 (UNEP/IMO/NOWPAP/MERRAC/FPM 14/16 Annex 1-3), aiming to test the operability of Oil-Chemical Spill Contingency Plan and to enhance the proficiency and coordination of response forces. The meeting acknowledged the presentation.

70. Mr. Takahiro HAGIHARA (Japan) introduced the HNS Response Policy and System in Japan including roles and activities of the Maritime Disaster Prevention Center (MDPC) and case of HNS incident (UNEP/IMO/NOWPAP/MERRAC/FPM 14/16 Annex 2). He stressed the importance of the responder safety, fire fighting and monitoring of the toxicity in response to HNS incident.

71. Dr. Won-Joon SHIM (Korea) made a presentation on the result of the environmental impact assessment implemented after the *Hebei Spirit* oil spill, including monitoring of residue oil and biological toxicity test, etc (UNEP/IMO/NOWPAP/MERRAC/FPM 14/16 Annex 3). Especially, he stressed that the response options need to be chosen considering the environmental recovery and restoration at the beginning of the response activities. Following his presentation, the meeting encouraged the member states to continuously share the relevant information on environmental impact and recovery after spill incident in the NOWPAP region.

72. Dr. Natalia KUTAEVA (Russia) reported the Federal (National) Contingency Plan of the Russian Federation including the Regional Contingency Plan for Oil Spill Prevention and Response at Far-East Marine Basin of the Russian Federation. Expecting that National Contingency Plan will be put into force in 2011, she mentioned that the Regional Contingency Plan is useful in the NOWPAP region and its abstract will be submitted to MERRAC after translation into English.

73. Dr. Natalia KUTAEVA (Russia) further presented the international complex exercises on response to marine casualties and oil spills at the regional level in the Barents Sea and North Caspian Sea carried out in 2010. She also noted that two international complex exercises including search and rescue of people were successfully completed and interaction among the participating countries was well practiced.

74. The meeting encouraged the NOWPAP members to continuously report any relevant progress made during the intersessional period in order to exchange information between NOWPAP member states and to increase regional co-operation as well as response capacity.

Agenda item 11. Conduct of a Table-top Exercise

75. Mr. James PAW (IMO) briefly introduced the scenario of the Table-top Exercise developed by MERRAC with technical support of IMO and Oil Spill Response (UNEP/IMO/NOWPAP/MERRAC/FPM 14/17). Subsequently, Mr. Joselito GUEVARRA, Senior Consultant of Oil Spill Response (OSR) and Ms. Narudee LERDPHORNSUTTIRAT, Spill Response Advisor (OSR) led the exercise with the participation of the member states.

76. During the table-top exercise, the member states took roles and actions as leading and assisting members, applying the general procedure of NOWPAP Regional Oil and HNS Spill Contingency Plan, such as notification, and requesting and assisting response equipment.

77. The meeting noted that the main constraint during the table-top exercise was the provision of information on customs and immigration procedures, and arrangement of an agent at port for the rapid entry of equipment and personnel in case of oil spill emergency under the NOWPAP Regional Oil and HNS Spill Contingency Plan.

78. The meeting agreed to provide information for the rapid granting of entry visas and facilitation of customs formalities from each member state for consideration at the next NOWPAP MERRAC FPM in order to ensure the effective and efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan.

Agenda item 12. Discussion on Efficient Implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan

79. The meeting agreed to discuss continuously this agenda at the next NOWPAP MERRAC FPM using the results of questionnaire survey prepared by MERRAC secretariat as a checklist to assess current status on assistance procedures and system being implemented under the NOWPAP Regional Oil and HNS Spill Contingency Plan. It was proposed that the questionnaire will be developed through the further consultation among the member states during the intersessional period.

The Fourteenth NOWPAP MERRAC Focal Points Meeting

Agenda item 13. Discussion on the draft Medium-term Strategy for MERRAC activities and potential collaborative areas with other RACs and organizations

80. Dr. Alexander TKALIN (NOWPAP RCU) briefly introduced the draft NOWPAP Medium-term Strategy (MTS) 2012-2017 and NOWPAP Programme of Work (PoW) 2012-2013, which have developed in close consultation with NOWPAP RACs to be submitted to the Sixteenth NOWPAP

IGM (UNEP/IMO/ NOWPAP/MERRAC/FPM 14/19 Annex 1 and 2). Further to the presentation, Dr. Seong-Gil KANG (MERRAC) briefed MERRAC activities to be implemented under the NOWPAP PoW 2012-2013 by reiterating the activities on oil and HNS pollution response (no changes with current ones).

81. Some of the participants expressed their concerns that climate change issue is too broad to deal with at the regional level and is likely to be duplicated with other projects being implemented by international conventions and/or cooperative programmes. On the contrary, other participants urged on the necessity of any regional and/or national implementation of such global conventions as climate change, biodiversity and IMO conventions to efficiently and effectively achieve the designated purposes of each convention. In this regard, the meeting concluded not to touch in detail the issues related to MTS at this point in time, recognizing the draft document on MTS will be discussed at the upcoming NOWPAP IGM. It was also recommended that comments or opinions on the draft MTS could be delivered to their respective national NOWPAP Focal Points, if any, to further discuss the issues at the next NOWPAP IGM.

82. The meeting noted the draft NOWPAP MTS 2012-2017 and the draft NOWPAP PoW 2012-2013 will be submitted to the next NOWPAP IGM by RCU, which may be revised further based upon comments by member states, if any.

83. Mr. James PAW (IMO) made a presentation on the Global Initiative (GI) Programme being carried out between IMO and IPIECA, in various regional seas, in particular, the Western and Central African region (WACAF). He then proposed possible arrangements where the NOWPAP region could implement a GI programme (UNEP/IMO/NOWPAP/MERRAC/FPM 14/20).

84. The meeting agreed to the proposal by MERRAC to carry out a survey during the intersessional period on what are needed by the member states and the region in education and training, technical assistance and information in order to prepare a work programme that will be considered under a joint meeting between IMO and IPIECA, and NOWPAP MERRAC to launch the GI Programme in the NOWPAP region.

85. China informed the meeting of the statement on this issue signed between IMO and IPIECA, and China MSA in 2007.

Agenda item 14. The proposed workplan and budget for the MERRAC activities for the 2012/2013 biennium

86. Dr. Seong-Gil KANG (MERRAC) proposed the draft workplan and budget of MERRAC for the 2012/13 biennium to the meeting (UNEP/IMO/NOWPAP/MERRAC/FPM 14/22), which include

two options for next biennium budget. He explained first option (the total budget scale: US\$163,000) prepared with an optimistic view point that NOWPAP Trust Fund situation could be improved, while second one (the total budget scale: US\$107,000) keeps the same amount of the current biennium. It was suggested to make more detailed explanation on specific project for option A, including budget by communication among the NOWPAP members during the intersessional period after this meeting but before the NOWPAP IGM meeting.

87. The meeting agreed to submit two options to NOWPAP IGM for their consideration as a MERRAC's budget for next biennium. The revised workplan and budget for 2012-2013 are attached in **Annex IV** and **Annex V**, respectively.

88. Mr. Yasuhiro URANO (Japan) commented that the same budget should be kept for next biennium as a current biennium if there is no improvement for NOWPAP Trust Fund.

Agenda item 15. Arrangement of intersessional work and venues and dates of the Fifteenth NOWPAP MERRAC Focal Points Meeting and the Seventh Competent National Authorities for NOWPAP Regional Oil and HNS Spill Contingency Plan

89. Following the presentation of the MERRAC secretariat, the Routine Tasks and the Specific Projects during intersessional period were rearranged as attached in **Annex VI**.

90. The meeting agreed to hold the Fifteenth NOWPAP MERRAC FPM and the Seventh CNA Meeting in May-June 2012, in conjunction with Fourth NOWPAP DELTA exercise during the period of the "EXPO 2012 Yeosu Korea". The venue will be held at MERRAC office tentatively, and the flexibility of the meeting place might be considered depending on the situation.

Agenda item 16. Other Matters

91. Ms. Tong An (DINRAC) made a presentation on DINRAC Web GIS and Web Database on oil and HNS spills incidents, whose data was provided by MERRAC. She also gave suggestions and recommendations on data management, and requested the data information on oil and HNS spill incident lists be updated to meet their standardized and unified format in order to acquire high data quality, to make the data easier to access, and to help make more detail and accurate statistics and analyses. The meeting advised the communications between MERRAC and DINRAC about further work on this issue.

92. Dr. Alexander TKALIN (NOWPAP RCU) and James PAW (IMO) suggested considering providing meeting documents through the MERRAC website and/or other electronic means using the relevant experience of IMO, instead of having paper copies at the meeting, except the working documents prepared during the meeting, and the meeting agreed.

Agenda item 17. Adoption of the report of the meeting

93. The meeting adopted the report of the meeting with its annexes following its presentation by a Rapporteur.

Agenda item 18. Closure of the meeting

94. After the customary exchange of courtesies the Chairperson declared the meeting was closed at 12:15 on Friday, 10 June 2011.

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Annex V Proposed Budget for MERRAC activities for the 2012/2013 Biennium

Annex VI The List of the Tasks, Lead Country/Agency, Required Actions and Expected Outputs for intersessional period

Annex VII List of the files in the CD-ROM

Annex I

List of Participants

Annex I. List of Participants to the Fourteenth NOWPAP MERRAC Focal Points Meeting & the Sixth Competent National Authorities Meeting

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Annex II

List of Documents

**Annex II. List of Documents for the Fourteenth NOWPAP MERRAC Focal Points Meeting
& the Sixth Competent National Authorities Meeting**

Working Documents

UNEP/IMO/NOWPAP/MERRAC/FPM 14/1	Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 14/2	Annotated Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 14/3	Report of the NOWPAP Regional Coordinating Unit (RCU) on the Progress in the Implementation of the Northwest Pacific Action Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 14/4	Report on the Activities of IMO Made After the Thirteenth MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 14/5	Report on MERRAC Activities Made After the Thirteenth MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 14/6	Report on the Annual Expenditure of MERRAC Budget for the 2010/2011 Biennium
UNEP/IMO/NOWPAP/MERRAC/FPM 14/7	Report on the Focal Points
UNEP/IMO/NOWPAP/MERRAC/FPM 14/8	Report on the Information System
UNEP/IMO/NOWPAP/MERRAC/FPM 14/9	Report on the Oil and HNS Spill Incidents
UNEP/IMO/NOWPAP/MERRAC/FPM 14/10	Progress Report on the Implementation of the MERRAC Specific Projects

UNEP/IMO/NOWPAP/MERRAC/FPM 14/11	Implementation of the NOWPAP RAP MALI
UNEP/IMO/NOWPAP/MERRAC/FPM 14/12	Report of MERRAC Activities on RAP MALI
UNEP/IMO/NOWPAP/MERRAC/FPM 14/13	Revision and/or Amendment of NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 14/14	Report on the NOWPAP Training and Exercise
UNEP/IMO/NOWPAP/MERRAC/FPM 14/15	Report on the organization of Forum on Sakhalin Projects
UNEP/IMO/NOWPAP/MERRAC/FPM 14/16	Latest Progress Report on the Oil and HNS Pollution Preparedness and Response in the NOWPAP Region
UNEP/IMO/NOWPAP/MERRAC/FPM 14/17	A Table Top Exercise for the Efficient Implementation of the NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 14/18	Discussion on Efficient Implementation of the NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 14/19	Discussion on Medium-term Strategy of MERRAC Activities under the Framework of NOWPAP
UNEP/IMO/NOWPAP/MERRAC/FPM 14/20	Introduction of the Developing Oil Spill Preparedness through the Global Initiative (GI) Programme

UNEP/IMO/NOWPAP/MERRAC/FPM 14/21 Draft Proposed Workplan and Budget of MERRAC Activities for the 2012/2013 Biennium

UNEP/IMO/NOWPAP/MERRAC/FPM 14/22 Draft Arrangements of the Existing Tasks and Identification of Additional Tasks for Intersessional Works

Reference Documents

UNEP/IMO/NOWPAP/MERRAC/FPM 14/INF1 List of Documents

UNEP/IMO/NOWPAP/MERRAC/FPM 14/INF2 Time Schedule

UNEP/IMO/NOWPAP/MERRAC/FPM 14/INF3 List of participants

UNEP/IMO/NOWPAP/MERRAC/FPM 14/INF4 Logistic information

UNEP/IMO/NOWPAP/MERRAC/FPM 13/23 Report of the 13th MERRAC Focal Points Meeting and the 5th Competent National Authorities Meeting (MERRAC, Daejeon, 8-11 June 2010)

UNEP/NOWPAP IG. 15/12 Report of the 15th Intergovernmental Meeting of the Northwest Pacific Action Plan (Moscow, Russia Federation, 16-18 November 2010)

Annex III

Agenda

Annex III. Agenda of the Fourteenth NOWPAP MERRAC Focal Points Meeting & the Sixth Competent National Authorities Meeting

The Fourteenth NOWPAP MERRAC Focal Points Meeting

1. Opening of the meeting
2. Organization of the meeting
 - 2.1. Election of the officers
 - 2.2. Organization of work
3. Adoption of the agenda
4. Overview of the progress made during the intersessional period after the Thirteenth NOWPAP MERRAC Focal Point Meeting
 - 4.1. Report of a representative of NOWPAP RCU on the implementation of Northwest Pacific Action Plan (NOWPAP)
 - 4.2. Report of a representative of IMO on the latest activities related to marine pollution prevention, preparedness and response
 - 4.3. Report of the Director of MERRAC on the programme implementation and expenditures for the 2010-2011 biennium
5. Review of the progress made for each of tasks agreed at the Thirteenth NOWPAP MERRAC Focal Points Meeting, and identification of future work
 - 5.1. Routine tasks
 - Focal Points
 - Information system (equipment, institution, experts, and performance standard)
 - Report on oil and HNS pollution incidents
 - 5.2. Specific Projects
 - Survey on the quantitative minimum level of preparedness (China and Russia)
 - Legislations and practice on marine pollution damage civil liability and compensation (China and Russia)
 - Application of HNS training manual to actual training course (Japan)
 - Environmental issues related to oil spill incidents (MERRAC)
 - Review of the assistance procedures and systems under the RCP (MERRAC)

6. Sea-based marine litter activities
 - 6.1. Report of implementation of the NOWPAP Regional Action Plan on Marine Litter (RAP MALI)
 - 6.2. Report on MERRAC activities on the implementation of NOWPAP RAP MALI and discussion on the future work
7. Revision and/or amendment of NOWPAP Regional Oil and HNS Contingency Plan, including its Annexes

The Sixth Competent National Authorities Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan

8. Report and discussion on the NOWPAP training and exercise carried out during the last intersessional period and to be held in the near future
 - 8.1. Report of the NOWPAP BRAVO Exercise (Japan, Korea)
 - 8.2. Report of the 3rd NOWPAP DELTA (Joint Oil Spill Exercise, held on 4 September 2010) with the information paper for introducing the 3rd NOWPAP DELTA to the Twelfth session of the OPRC-HNS Technical Group (TG 12)
 - 8.3. Future plan on training and exercise
9. Report of the Forum on Sakhalin Projects (2010 NOWPAP MERRAC Expert Meeting)
10. Report of the representatives of CNAs on issues related to latest progress in their respective countries including
 - National Contingency Plan
 - Case Studies of Recent National Oil/HNS Spills
 - National/Sub-regional Training and Exercise
 - Others
11. Conduct of a Table-top Exercise
12. Discussion on efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan

The Fourteenth NOWPAP MERRAC Focal Points Meeting

13. Discussion on medium-term strategy for MERRAC activities and potential collaborative areas with other RACs and organizations
 - 13.1. Discussion on the draft NOWPAP medium-term strategy to be presented at the 16th NOWPAP Intergovernmental Meeting
 - 13.2. Developing oil spill preparedness through the Global Initiative (GI) programme
14. The proposed MERRAC work programme and budget for the 2012/2013 biennium
15. Arrangement of intersessional work and venues and dates of the Fifteenth NOWPAP MERRAC Focal Points Meeting and the Seventh Competent National Authorities for NOWPAP Regional Oil and HNS Spill Contingency Plan
16. Other Matters
17. Adoption of the report of the Meeting
18. Closure of the Meeting

Annex IV

Draft workplan for MERRAC Activities for the 2012/13 Biennium

Annex IV. Draft workplan for MERRAC Activities for the 2012/13 Biennium

Date	Activities	Responsible Organizations
Jan. - Jun. 2012	NOWPAP BRAVO exercise, 2012, Russia	Leading country, NOWPAP Members, MERRAC
May-Jun. 2012	4th NOWPAP DELTA, 2012, Korea, Yeosu (Joint Oil Spill Exercise) regarding the marine pollution preparedness and response	Lead country, NOWPAP Members, MERRAC, NOWPAP RCU, UNEP, IMO
May-Jun. 2012	15th NOWPAP MERRAC Focal Points Meeting and 7th Competent National Authorities Meeting in conjunction with 4th NOWPAP DELTA, Korea, Yeosu	MERRAC, NOWPAP RCU, UNEP, IMO
-	Intersessional work	Leading country, MERRAC
Jul. - Dec. 2012	NOWPAP BRAVO exercise, 2012, Japan	Leading country, NOWPAP Members, MERRAC
Jan. - Jun. 2013	NOWPAP BRAVO exercise, 2013, Korea	Leading country, NOWPAP Members, MERRAC
May-Jun. 2013	16th NOWPAP MERRAC Focal Points Meeting and 8th Competent National Authorities Meeting	MERRAC, NOWPAP RCU, UNEP, IMO
- 2013	An expert meeting on the technical issues regarding the marine pollution preparedness and response in the NOWPAP region (<i>date and venue to be determined</i>)	Host Country (China), MERRAC, NOWPAP RCU, UNEP, IMO, NOWPAP Members
Jul. - Dec. 2013	NOWPAP BRAVO exercise, 2013	Leading country, NOWPAP Members, MERRAC
-	Intersessional work	Leading country, MERRAC
Jan 2012 - Dec 2013	Implementation of specific projects on scientific and technical issues, such as oil and HNS issues, marine litter activities, etc. (<i>For implementation subject to the decision of IGM & FPM and availability of budget</i>)	Leading country, MERRAC, UNEP, IMO

Annex V

Proposed Budget for MERRAC activities for the 2012/2013 Biennium

Annex V. Proposed Budget for MERRAC activities for the 2012/2013 Biennium**1. Option A**

Activities	Budget (US\$)		
	2012	2013	Total
1. Focal Points Meeting & CNA Meeting - Coordinate MERRAC activities - Maintain and update RCP, including relevant Annexes - Report on oil and HNS pollution incident - Update the Information System - Planning the training and exercise	25,000	25,000	50,000
2. Expert Meeting (to be hosted by China) - Technical issues regarding the marine pollution preparedness and response in the NOWPAP region (e.g. HNS training)	-	23,000	23,000
3. Specific projects ^{*1)} (tentative) - Legislation and practice on marine pollution damage civil liability and compensation - Environmental issues related to oil spill incidents in the NOWPAP region - Development of the practical assistance procedure and system under the NOWPAP RCP - Other specific projects on oil and HNS issue < For implementation subject to the decision of IGM & FPM > - Marine Litter - Others	60,000		60,000
4. Coordination with IMO/UNEP and Regional Seas - NOWPAP IGM - OPRC-HNS TG Meeting - Yeosu Expo OCBPA Exhibition and other related activities ^{*2)} - Other Regional Activities Center - Regional cooperation	10,000	10,000	20,000
5. Publications and other miscellaneous costs - Technical Reports - Newsletter - Maintaining Homepage	5,000	5,000	10,000
6. NOWPAP Exercise - NOWPAP BRAVO Exercise (4 times) - NOWPAP DELTA Exercise (co-organized by Korea and China)	(In-kind)		(In-kind)
Total	70,000	93,000	163,000

*1) More detailed specific projects will be specified before the 16th NOWPAP IGM through e-mail discussion among the MERRAC Focal Points.

*2) External funding provided by Yeosu Expo Organizing Committee for OCBPA exhibition

2. Option B

Activities	Budget (US\$)		
	2012	2013	Total
1. Focal Points Meeting & CNA Meeting - Coordinate MERRAC activities - Maintain and update RCP, including relevant Annexes - Report on oil and HNS pollution incident - Update the Information System - Planning the training and exercise	24,000	24,000	48,000
2. Expert Meeting (to be hosted by China) - Technical issues regarding the marine pollution preparedness and response in the NOWPAP region (e.g. HNS training)	-	23,000	23,000
3. Specific projects (tentative) - Legislation and practice on marine pollution damage civil liability and compensation - Environmental issues related to oil spill incidents in the NOWPAP region - Development of the practical assistance procedure and system under the NOWPAP RCP - Other specific projects on oil and HNS issue	12,000		12,000
4. Coordination with IMO/UNEP and Regional Seas - NOWPAP IGM - OPRC-HNS TG Meeting - Yeosu Expo OCBPA Exhibition and other related activities ^{*1)} - Other Regional Activities Centre - Regional cooperation	9,000	9,000	18,000
5. Publications and other miscellaneous costs - Technical Reports - Newsletter - Maintaining Homepage	3,000	3,000	6,000
6. NOWPAP Exercise - NOWPAP BRAVO Exercise (4 times) - NOWPAP DELTA Exercise (co-organized by Korea and China)	(In-kind)		(In-kind)
Total	42,000	65,000	107,000

*1) External funding provided by Yeosu Expo Organizing Committee for OCBPA exhibition

Annex VI

**The List of the Tasks, Lead Country/Agency, Required Actions and
Expected Outputs for intersessional period**

Annex VI. The List of the Tasks, Lead Country/Agency, Required Actions and Expected Outputs for intersessional period

1. Routine Task carried out by MERRAC

Tasks	Lead Country / Agency	Actions	Expected Outputs
1. Regional Contingency Plan	MERRAC	<ul style="list-style-type: none"> - Maintain or update the RCP including editorial amendments - Maintain and/or update the appropriate annexes - Organize the Competent National Authorities for RCP - Carry out regional activities as required by the RCP 	<ul style="list-style-type: none"> - Regional cooperation system regarding marine pollution preparedness and response - Increased regional capacity on marine pollution preparedness and response - Updated Annexes to the Plan (in particular Annex 3 and Annex 9)
2. Focal Points Meeting and Competent National Authorities Meeting	MERRAC	<ul style="list-style-type: none"> - Coordinate and organize annual FPM and CNA meetings - Carry out follow-up to activities resulting from the two meetings 	<ul style="list-style-type: none"> - Exchange of relevant information on oil and HNS spill preparedness and response in the region - Update of Regional Contingency Plan
3. Report on Oil and HNS Pollution Incidents	MERRAC and NOWPAP Members	<ul style="list-style-type: none"> - Sharing the oil and HNS spill incidents when it occur - Collect lists of oil and HNS spill incidents over 10 tons of NOWPAP member states 	<ul style="list-style-type: none"> - Prompt sharing information and cooperation - Updated database on oil and HNS spills in NOWPAP region
4. Information System	MERRAC and NOWPAP Members	<ul style="list-style-type: none"> - Update information of oil and HNS spill response equipment, and institutions and experts - Maintain information related to the national standards, regulations on the application of non-mechanical methods of NOWPAP members and develop a summary report - Survey the availability of equipment for JROs and its rental rate - Report it to next MERRAC FPM (as reference material to the Information System) 	<ul style="list-style-type: none"> - Updated Information System (in particular the list of available equipment which can be possibly assisted to each member when major spills occur within the framework of the NOWPAP RCP) - Uploaded Information System (including, national standards, regulations on the application of non-mechanical methods of NOWPAP members) - Summarized report on the national standards, regulations on the application of non-mechanical methods of NOWPAP members

5. Training and Exercise	MERRAC and NOWPAP members	<ul style="list-style-type: none"> - Carry out two NOWPAP BRAVO exercises (communication exercise) during the intersessional period under the leading role of China and Russia on a rotation basis. - Conduct NOWPAP DELTA exercise co-organized by Korea and China. - Prepare a scenario for a table top exercise to be covered by the next CNA meeting - Facilitate the development and planning of joint training and exercise 	<ul style="list-style-type: none"> - Carried out two NOWPAP BRAVO exercises - Carried out NOWPAP DELTA exercise - Scenarios and plans for field and table top of oil and HNS spill preparedness and response exercises in NOWPAP region - Improved response capacity to oil and HNS spill - Improvement of communication system
6. Communications	MERRAC	<ul style="list-style-type: none"> - Maintain and facilitate routine communication links between relevant authorities in NOWPAP region 	<ul style="list-style-type: none"> - Establishment of efficient communication system relevant to oil and HNS spill preparedness and response in NOWPAP area - Enhanced sharing information among the member states
7. Other Routine Tasks as described by the TOR of MERRAC or decided upon by the FPM and/or IGM	MERRAC		

2. Specific projects coordinated by MERRAC during the intersessional period

Tasks	Lead Country / Agency	Actions	Expected Outputs
1. HNS Regional Report (to be concluded)	MERRAC	<ul style="list-style-type: none"> - Publish the report in PDF version as a MERRAC technical report after editorial correction by member within 1 or 2 month, and upload the report on MERRAC website 	<ul style="list-style-type: none"> - Published MERRAC technical report on HNS regional report
2. Legislations and Practice on Marine Pollution Damage Civil Liability and Compensation	China	<ul style="list-style-type: none"> - Collect information on legislations and practice related to civil liability and compensation for marine pollution damage in NOWPAP members - Develop a summarized report, considering the results to be produced 	<ul style="list-style-type: none"> - Developed summarized report on the legislations and practice related to civil liability and compensation for marine pollution damage from ships in NOWPAP region.
3. Environmental Issues related to Oil Spill Incidents in the NOWPAP Region	MERRAC and Korea	<ul style="list-style-type: none"> - Collect the information, data and experience on environmental issues raised during and/or after the oil spill incidents in the NOWPAP region, if any - Develop a summary report 	<ul style="list-style-type: none"> - Development of a summary report - Sharing the information and experience after oil spill incidents
4. Development of Practical Assistance Procedure and System under the RCP	MERRAC	<ul style="list-style-type: none"> - Finalize the questionnaire for the procedures of RCP for its efficient application after circulating the revised questionnaire reflecting comments by the member states - Harmonize the results of self-assessment made by the member states - Review the assistance procedure and system under the Regional Contingency Plan 	<ul style="list-style-type: none"> - Assessment of the applicability of RCP for assistance procedure and system - Development of a review report including suggestions for the improvement of the assistance procedure and system

5. Global Initiative(GI) Programme in the NOWPAP region	MERRAC (IMO)	<ul style="list-style-type: none"> - Collect and survey what we need for GI in this region - Prepare a draft work plan for making future strategies and/or activities for GI in NOWPAP region, in co-operation with IMO and IPIECA through IMO 	- Developed draft work plan to be dealt with in NOWPAP through GI Programme
6. Participation in the Yeosu Expo OCBPA exhibition ^{*1)}	MERRAC/ NOWPAP RCU	<ul style="list-style-type: none"> - Prepare details for participation to the Yeosu Expo - OCBPA exhibition on oil spill issues 	Increased public awareness on oil spill issue in this region
7. RAP MALI project	MERRAC	<ul style="list-style-type: none"> - Finalize and publish the regional report on port reception facilities in the NOWPAP region in a hard copy - Develop a final case study report on negative impacts of marine litter in the NOWPAP region - Carry out the activities requested of MERRAC under the RAP MALI project, e.g., Maintained the web database on case study of negative impacts 	<ul style="list-style-type: none"> - Published regional report on port reception facilities in the NOWPAP region - Strengthening public awareness through MERRAC website
8. Manual of conduction oil spill response operational exercise	Russia	<ul style="list-style-type: none"> - Collect the relevant information of NOWPAP members and recommendation on conduction of oil spill response operational exercise - Develop the detailed proposal on the manual 	- Developed detailed proposal on manual of conduction oil spill response operational exercise
9. Other Specific projects as described by the TOR of MERRAC or decided upon by the F.P Meetings and/or IGM		-	
		-	

^{*1)} External funding provided by Yeosu Expo Organizing Committee for OCBPA exhibition

Annex VII

List of the files in the CD-ROM

Annex VII. List of the files in the CD-ROM

1) Report of the Fourteenth NOWPAP MERRAC Focal Points Meeting & the Sixth Competent National Authorities Meeting (MERRAC, Deajeon, 7-10 June 2011)

Agenda 4. Overview of the progresses made in the intersessional period

- 2) Report on NOWPAP Implementation (Dr. Sang-Jin LEE, RCU)
- 3) Report on IMO Activities (Mr. James PAW, IMO)
- 4) MERRAC Activities and Expenditure 2010/11 (Dr. Seong-Gil KANG, Director of MERRAC)

Agenda 5. Review of the progresses made for each task agreed at the Thirteenth NOWPAP MERRAC Focal Points Meeting, and identification of future work

- 5) Focal Points (Ms. Hye-Mi LEE, Consultant of MERRAC)
- 6) Information System (Ms. Hye-Mi LEE, MERRAC)
- 7) The draft summary report (Dr. Jeong-Hwan OH, Senior consultant of MERRAC)
- 8) Oil and HNS spill incidents (Ms. Hye-Mi LEE, MERRAC)
- 9) MERRAC Specific Projects (Dr. Jeong-Hwan OH, MERRAC)
- 10) Environmental Issues (Ms. Hye-Mi LEE, MERRAC)
- 11) Questionnaire of assistance procedure (Dr. Jeong-Hwan OH, MERRAC)

Agenda 6. Sea-based marine litter activities

- 12) Negative impacts of marine litter in the NOWPAP region (Dr. Jeong-Hwan OH, MERRAC)
- 13) Report of MERRAC Activities on RAP MALI (Dr. Jeong-Hwan OH, MERRAC)

Agenda 7. Revision and/or amendment of NOWPAP Regional Oil and HNS Contingency Plan

- 14) Revision and/or amendment of NOWPAP RCP (Dr. Jeong-Hwan OH, MERRAC)

Agenda 8. Report and discussion on the NOWPAP training and exercise

- 15) Report on the NOWPAP Training and Exercise (Dr. Jeong-Hwan OH, MERRAC)

Agenda 9. Report of the Forum on Sakhalin Projects (2010 NOWPAP MERRAC Expert Meeting)

- 16) Proceedings on the Forum, including presentation materials (Mr. Yasuhiro URANO, Japan)

Agenda 10. Report of representative of CNAs on issues related to latest progress

- 17) Report on new regulations of China (Mr. Chunchang ZHANG, China)
- 18) Oil Spill Response to "Xin-gang 7.16" accident (Mr. Chunchang ZHANG, China)
- 19) Liquid Chemical Spill Response Exercise at Ningbo port (Mr. Chunchang ZHANG, China)
- 20) HNS Response Policy and System in Japan (Mr. Takahiro HAGIHARA, Japan)
- 21) Environmental Impact and Recovery after the *Hebei Spirit* Oil Spill (Dr. Won-Joon SHIM, Korea)
- 22) National Contingency Plan of Russian Federation (Dr. Natalia KUTAEVA, Russia)
- 23) International Complex Exercise (Dr. Natalia KUTAEVA, Russia)

Agenda 11. Conduct of a Table-top Exercise

24) NOWPAP Table-top Exercise (Mr. Joselito GUEVARRA, OSR)

Agenda 13. Discussion on the draft Medium-term Strategy for MERRAC activities and Other Co-operative Issues

25) NOWPAP PoW 2012/13 (Dr. Seong-Gil KANG, MERRAC)

26) Global Initiative (GI) Programme (Mr. James PAW, IMO)

Agenda 14. The proposed workplan and budget for the MERRAC activities for the 2012/13 Biennium

27) Proposed Workplan and Budget of MERRAC for the 2012/13 (Dr. Seong-Gil KANG, MERRAC)

Agenda 16. Other Matters

28) DINRAC Web GIS and Web Database (Ms. Tong AN, DINRAC)