

# NOWPAP MERRAC

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



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## Report of the 13<sup>th</sup> NOWPAP MERRAC Focal Points Meeting & the 5<sup>th</sup> Competent National Authorities Meeting

MERRAC, Daejeon

8-11 June 2010



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## **Report of the 13<sup>th</sup> NOWPAP MERRAC Focal Points Meeting & the 5<sup>th</sup> Competent National Authorities Meeting**

MERRAC, Daejeon

8-11 June 2010

**THE THIRTEENTH NOWPAP MERRRAC FOCAL POINTS MEETING &  
THE FIFTH COMPETENT NATIONAL AUTHORITIES MEETING  
FOR NOWPAP REGIONAL OIL AND HNS SPILL CONTINGENCY PLAN**

(MERRAC, Daejeon, 8-11 June 2010)

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 UNEP and IMO, have worked towards achievement of these objectives through Forum Meetings as well as the informal 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 IGM on NOWPAP (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 MOU's, 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 each year in May, from the Fifth NOWPAP MERRAC FPM.

5. The Fifth NOWPAP MERRAC FPM held in MERRAC in May 2002 concluded the text of the draft Plan and its associated MOU and decided to rearrange the intersessional activities as the routine work 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 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, Republic of 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 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 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 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 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 MERRAC FPM with minor amendments, which was revised at the Ninth MERRAC FPM. The IGM also decided to implement evaluation in order to assess the usefulness and effectiveness of the Regional Activities Center (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 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 and requested MERRAC to prepare and distribute the draft text of the Agreement to the NOWPAP member states during the intersessional period for comments, aiming to adopt it 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 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 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 15<sup>th</sup> NOWPAP IGM for discussion and approval. The 14th IGM also approved to implement the NOWPAP Regional Action Plan on Marine Litter (RAP MALI) for 2010-2011.

17. Based upon the agreement of the Twelfth MERRAC FPM and the Fourth CNA Meeting, the Thirteenth NOWPAP MERRAC FPM and the Fifth CNA Meeting were held back to back on 8-11 June 2010 simultaneously, in order to save relevant budget. The list of the participants to the meeting is attached as **Annex I**.

### **The Thirteenth NOWPAP MERRAC Focal Points Meeting**

#### **Agenda item 1. Opening of the meeting**

18. The meeting was opened at 10:00 a.m. at MERRAC (Daejeon) on 8 June 2010 by Dr. Seong-Gil KANG, Director of MERRAC. In his opening remarks, he warmly welcomed participants of the 13th MERRAC Focal Points Meeting (FPM) and the 5th Competent National Authorities (CNA) Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan. Mentioning on the recent oil spill incident occurred in U.S.A., he highlighted that international cooperation is more essential in case of large oil spill which exceed response capability of each member state. As Director of MERRAC, he thanked the NOWPAP member states, IMO, UNEP, NOWPAP RCU and other relevant bodies for their support and contributions towards the efforts for dealing with the incident. He expressed the wish to have further co-operation to conserving and protecting the NOWPAP sea area.

19. Dr. Sangjin LEE, Scientific Affairs Officer of NOWPAP, welcomed all participants and congratulated the MERRAC secretariat for organizing the meeting successfully. He mentioned that the risk of oil spills is unfortunately quite substantial as well as spills of toxic substances and other chemicals in NOWPAP region, and underlined the importance of the NOWPAP Regional Oil and

HNS Contingency Plan for the region. MERRAC is playing a very significant role in the NOWPAP activities in close cooperation with UNEP and IMO to develop effective regional cooperation on oil pollution preparedness and response in the NOWPAP region. Noting that, in 2009, MERRAC had effectively completed several specific projects and several activities as planned, he expressed his gratitude to all MERRAC Focal Points, MOERI/KORDI and Korean Government for their contribution to MERRAC activities and organization of these important meetings.

20. On behalf of Korean Government, Mr. Sang-Woon KIM, Director of Marine Pollution Response Planning Department, Korea Coast Guard, warmly welcomed all participants to Korea. He noted that MERRAC has contributed to the regional co-operation in marine pollution preparedness and response in the NOWPAP region and carried out valuable specific projects. He mentioned that these kinds of regional co-operations should be continuously strengthened for the marine environment.

21. The delegations of China, Japan, and Russia expressed their thanks to MERRAC for organizing the meetings as well as NOWPAP RCU, IMO, and MOERI/KORDI for their support to MERRAC activities. A representative of China, Mr. Zengfu XU, mentioned that it will be presented new regulation of China on the prevention and control of pollution damage to the marine environment. A representative of Japan, Mr. Takuro ITO, noted that marine environment protection is now regarded as high priority of Japanese policy, and expressed the importance of regional co-operation in the field of marine pollution preparedness and response. Dr. Natalia KUTAEVA, a representative of Russia, mentioned that Mr. Evgeny BARYSHEV was newly appointed as MERRAC Focal Point and emphasized importance of regional cooperation. They expressed the willingness to continue co-operating in MERRAC activities and wished the meeting successful and fruitful outcomes.

22. Mr. James PAW, Programme Coordinator Officer, IMO, welcomed the participants and mentioned that two incidents of oil pollution have occurred in the past two months in Singapore and in the Gulf of Mexico in U.S.A. Aside from highlighting the importance of prevention measures, he stated that oil and chemical spills are significant threats to the marine environment as demands to the industry increases due to global economic growth and diversification as well as the threat of chemical pollution from spillage of HNS as global economy diversified. He emphasized that co-operation and integration between all relevant organizations provides the best framework for preparedness as clearly manifested in the OPRC Convention and the OPRC-HNS Protocol. He assured of IMO's commitment with its continued support of NOWPAP MERRAC through its Integrated Technical Cooperation Programme. In closing, Mr. PAW thanked MERRAC, MOERI/KORDI and the Korea Coast Guard for the generous hosting of these two meetings.



**Agenda item 2. Organization of the meeting**

23. The meeting unanimously elected Mr. Tetsuya YAMAJI, Professor of Maritime Police Course, Japan Coast Guard Academy, as chairperson, and Mr. Changwoo HA, Professor of Marine Environmental Division, Korea Coast Guard Academy, as Rapporteur, respectively.

24. The meeting agreed to apply the rules of procedure in line with the provisions in the Terms of Reference of the NOWPAP MERRAC Focal Points Meeting, with English as the working language. The meeting confirmed that the decision making during the meeting, basically, would be on the consensus basis among the participating members. 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**

25. Director of MERRAC introduced the Provisional Agenda (UNEP/IMO/NOWPAP/MERRAC/FPM 13/1) and the Annotated Provisional Agenda (UNEP/IMO/NOWPAP/MERRAC/FPM 13/2). 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 Twelfth NOWPAP MERRAC Focal Points Meeting**

26. 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 12th MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM 13/3). 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.

27. Mr. James PAW, IMO representative, made a presentation at the meeting on the latest IMO's activities in marine environment protection (UNEP/IMO/NOWPAP/MERRAC/FPM 13/4). He reported the outcomes of the 10th OPRC-HNS Technical Group (TG) and the 60th session of the Marine Environment Protection Committee (MEPC 60) such as the present status of manuals and guidance documents developed by TG including training, information exchange and technical co-operation. He also informed the meeting that the NOWPAP HNS Training Manual will be included in the TG web-page. The meeting took note outcomes of Spillcon 2010 held in April 2010, as well as status of selected IMO Conventions.

28. Director of MERRAC reported on MERRAC's activities made during the intersessional period since the Twelfth MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM 13/5). He also presented the expenditure of the budget of MERRAC for the 2008/9 biennium for the MERRAC activities (UNEP/IMO/NOWPAP/MERRAC/FPM 13/6). Mr. Yasuhiro URANO, a delegation of Japan, commented MERRAC should consult more closely with leading country of each specific project, noting English correction fee among the project expenditure.

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

29. The meeting reviewed the progress on Routine Tasks and Specific Projects since the Twelfth MERRAC FPM (Annex VIII of UNEP/IMO/NOWPAP/MERRAC/FPM 12/20) and identified future activities to be continued under each task and project.

**5.1. Routine Tasks**

**Focal Points**

30. Ms. Hyon-Jeong NOH, Consultant of MERRAC, introduced the document on the Focal Points (UNEP/IMO/NOWPAP/MERRAC/FPM 13/7). She noted that all NOWPAP member states submitted their updated lists of the Focal Points, which was reflected accordingly in the present document considered by the meeting. The meeting warmly welcomed new MERRAC Focal Points of Japan and Russia, Mr. Toshinobu KAWAMURA and Mr. Evgeny BARYSHEV, respectively. The meeting approved to update the Annex I of the NOWPAP Regional Oil and HNS Spill Contingency Plan according to the information submitted.

**Information System**

31. Ms. NOH (MERRAC) introduced the report on the Information System (UNEP/IMO/NOWPAP/MERRAC/FPM 13/8). 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 and Korea had newly submitted the information. It was agreed that MERRAC will develop a summary report of the information on national performance standards and/or regulations on the application of non mechanical methods of four NOWPAP member states and report it to the next MERRAC FPM.

32. Regarding the rental cost and/or rate of “available equipment”, which can be provided to other countries for assistance when major oil spill occurs in the NOWPAP region, the meeting encouraged member states to submit the relevant information with a view that member states may refer the information as a reference, despite of difficulties to estimate the cost and/or rate of available equipment. It is also agreed that inclusion of equipment list owned by private sector in the NOWPAP members is being made on a voluntary basis.

33. The meeting agreed for MERRAC to upload the updated lists of equipment, institutions and experts to MERRAC website (<http://merrac.nowpap.org>). 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**

34. Ms. NOH (MERRAC) introduced the document on oil and HNS pollution incidents (UNEP/IMO/ NOWPAP/MERRAC/FPM 13/9). She stated that all NOWPAP member states submitted an updated list 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 the information promptly.

35. The meeting approved for MERRAC to upload the updated lists of oil and HNS incidents to MERRAC website (<http://merrac.nowpap.org>). The meeting agreed that MERRAC will continue to maintain the list of oil and HNS spill accidents in the region as one of its Routine Tasks.

### **5.2. Specific Projects**

36. Dr. Jeong-Hwan OH, Senior Consultant of MERRAC, reported on the general progress made in the implementation of Specific Projects, noting that all the draft reports of Specific Projects have been submitted to MERRAC by the lead countries (UNEP/IMO/NOWPAP/MERRAC/FPM 13/10).

37. The representatives of the lead countries or the lead experts for each project reported their results and recommendations on each Specific Project. The following Specific Projects were considered:

- Quantitative Minimum Level of Preparedness (China and Russia)
- HNS Training Manual (Japan)
- HNS Database (MERRAC)
- Regional Report on HNS Preparedness and Response (MERRAC)

38. Following the presentations, the meeting discussed the achievements and recommendations emanating from these projects and identified the future work that needed to be carried 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)**

39. Mr. Chunchang ZHANG (China) presented the draft 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 standard (UNEP/IMO/NOWPAP/ MERRAC/FPM 13/10 Annex 2). According to the request of Mr. ZHANG, delegations of Japan, Korea and Russia informed that they will provide the necessary information for update the draft report. The meeting agreed to update the information on contact points of NOWPAP member states for the project in order to efficiently co-operate together after the meeting. Finally, the meeting agreed to continue this project.

#### **HNS Training Manual (Japan)**

40. Following the presentation by Mr. Yasuhiro URANO (Japan) (UNEP/IMO/NOWPAP/ MERRAC/FPM 13/10 Annex 3), the meeting noted the NOWPAP HNS Training Manual was successfully reported in IMO OPRC-HNS TG 10 held in March 2010. The meeting agreed to terminate this project and to publish the manual as a MERRAC Technical Report in a hard copy after editorial correction for improving its appearance. The meeting noted that the report will be also available to the public by linking to the web-based inventory to be hosted by REMPEC/IMO as well as MERRAC website.

#### **HNS Database (MERRAC)**

41. Based on the decision of the 12th MERRAC FPM, Dr. Jeong-Hwan OH (MERRAC) presented the HNS database established at MERRAC website using the results of MERRAC Specific Projects on HNS database led by Korea.

#### **Regional Report on HNS Preparedness and Response (MERRAC)**

42. Dr. Jeong-Hwan OH (MERRAC) reported the revised regional report on HNS preparedness and response (UNEP/IMO/NOWPAP/MERRAC/FPM 13/10 Annex 4). The meeting agreed to terminate the project and publish the report in PDF version as a MERRAC technical report after review by member states within 1 or 2 months after the meeting. MERRAC will upload the published report at the MERRAC website.

**Agenda item 6. Sea-based marine litter activities**

43. Dr. Sangjin LEE, Scientific Affairs Officer of NOWPAP, highlighted several activities implemented under the NOWPAP Regional Action Plan on Marine Litter (RAP MALI) after the 12th MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM 13/11). He explained public awareness activities, ICC campaigns, the guidelines published as well as national efforts of NOWPAP member states to address the marine litter problem.

44. Ms. Hyon-Jeong NOH, Consultant of MERRAC, reported on the MERRAC activities carried out under RAP MALI implementation (UNEP/IMO/NOWPAP/MERRAC/FPM 13/12). The meeting agreed to develop a case study report on negative impacts of marine litter, and MERRAC will collect many cases of negative impacts on marine litter occurred in the NOWPAP member states in order to understand how harmful marine litter is and how it affects to the marine environment in the NOWPAP region by establishing Expert Group consisting of experts nominated by MERRAC Focal Points and/or Marine Litter Focal Points. It was also agreed to develop public awareness materials such as pamphlet or brochure, which explains negative impacts of marine litter in the NOWPAP region. MERRAC will also update an assessment report of port reception facilities by using the information from the IMO GISIS website, if necessary and as appropriate. The meeting urged member states to contribute and support the MERRAC activities for its successful implementation of RAP MALI by providing relevant information when MERRAC develop relevant reports.

45. In response to the question on potential budget shortage raised by Mr. Mitsuhiro OIKAWA, a representative of Japan, MERRAC informed that the Korean Government decided to contribute budget of US\$ 33,000, as same as decreased amount for RAC budget, in order to support MERRAC activities, especially sea-based marine litter activities. Noting the difficulties of MERRAC Focal Points to implement marine litter related issues, the meeting agreed to implement designated activities under RAP MALI with close co-operation of Marine Litter Focal Points, NOWPAP RCU, and other RACs.

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

46. Dr. Jeong-Hwan OH, Senior Consultant of MERRAC, reported that progress made for the development of NOWPAP Regional Oil and HNS Spill Contingency Plan (UNEP/IMO/NOWPAP/MERRAC/FPM 13/13).

47. Regarding the Annex 3 of NOWPAP Regional Oil and HNS Spill Contingency, the meeting reviewed the two submitted National Contingency Plans of Japan and Korea, and agreed

to update Annex 3 accordingly. Representatives of Russia and China informed the meeting that they are now revising their National Contingency Plans and they will submit the revised National Contingency Plans in English as soon as they are finalized.

48. Regarding the Annex 9 of NOWPAP Regional Oil and HNS Spill Contingency entitled "List of HNS which might be covered under the Plan," the meeting reviewed the database format submitted by MERRAC. After discussion regarding column orders and duplication of UN No. and IMDG Code, the meeting agreed to rearrange the format after modifying the columns taking into account MARPOL 73/78 Annex 2. The meeting agreed to review the rearranged format modified by MERRAC within 1 or 2 months after the meeting for approval, and to update it as Annex 9 of NOWPAP Regional Oil and HNS Spill Contingency.

**The Fifth Competent National Authorities Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan (for Agenda 8 – 11)**

**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**

49. Ms. Hyon-Jeong NOH, Consult of MERRAC, introduced a progress report on the activities related to NOWPAP Training and Exercise (UNEP/IMO/NOWPAP/MERRAC/FPM 13/14).

50. Mr. Chunchang ZHANG, a representative of China, reported the 4th NOWPAP BRAVO exercise conducted in December 2009. Dr. Natalia KUTAEVA, a representative of Russia, reported the 5th NOWPAP BRAVO exercise conducted in April 2010 (Annex I and Annex II of UNEP/IMO/NOWPAP/MERRAC/FPM 13/14).

51. Based on the experience of the 4th and 5th NOWPAP BRAVO exercises, the several issues were discussed such as time interval and participation of relevant domestic authorities of NOWPAP member states. Dr. Se-Jin PARK, a representative of Korea, stressed that participation of relevant domestic authorities is important to improve the implementation of NOWPAP Regional Oil and HNS Contingency Plan, while Dr. Natalia KUTAEVA and Mr. Takuro ITO, representatives of Russia and Japan, expressed some difficulties to conduct NOWPAP BRAVO exercise together with other relevant domestic authorities within their respective countries. The meeting shared the opinion that e-mail communication during NOWPAP BRAVO exercise is sometimes more useful. After discussion, the meeting agreed that some details including interval time are depending on a leading country. The meeting further agreed to improve scenarios of NOWPAP BRAVO gradually.

52. The meeting re-confirmed to organize NOWPAP BRAVO continuously twice a year, and Japan and Korea were invited to lead NOWPAP BRAVO during the intersessional period after the 13th MERRAC FPM, around late 2010 and early 2011, respectively.

53. Mr. Yasuhiro URANO, a representative of Japan, reported on the draft plan of the 3rd NOWPAP DELTA co-organized by Japan and Russia in Hokkaido, Japan, on 4th September 2010 in conjunction with 2010 MERRAC Expert Meeting (Annex III to UNEP/IMO/NOWPAP/MERRAC/FPM 13/14). Chinese and Korean Governments were invited to the 3rd NOWPAP DELTA as observers. The meeting agreed to the draft plan submitted by Japan, and wished a successful conduction of the joint exercise.

**Agenda item 9. Report of representatives of CNA on issues related to the latest progress in their respective countries**

54. Mr. Chunchang ZHANG, a representative of China, reported oil spill incident of M/V “Zoorik” occurred on 1 November 2009 and its response activities such as risk evaluation, salvage of life, monitor and surveillance, control and recover spilled oil, evaluation of the response, and claim and compensation carried out by Zhejiang Maritime Safety Administration (MSA) with support of China MSA. He informed that oil spill incident with spillage less than 500 tons is usually responded by local government.

55. Mr. ZHANG also made a presentation about the new regulation on the prevention and control of pollution to the marine environment caused by vessels and its relevant operations in the sea areas under the jurisdiction of the People's Republic of China. Under the regulation, the responsibility is shared by the state, local governments and industry. The regulation also enhances capability of preparedness, establishes the monitoring and surveillance scheme, and describes a use of dispersants in compliance with the national law and standards. The meeting noted the information provided by Chinese representative.

56. Mr. Yasuhiro URANO, a representative of Japan, reported on adoption of the MARPOL regulations to STS operations at sea. It was also informed that Japan Coast Guard participated in the Joint Oil Spill Response Exercise, MARPOLEX 2009, which was conducted by Directorate Indonesia, Philippines, and Japan in the east coast of Borneo Island, Indonesia from 14 to 16 on July 2009. He also reported that a project of ESI mapping based on shoreline/coastline classification in NOAA ESI guideline was completed in March 2009, which covers the whole coastal areas of Japan and is available on the website hosted by Japan Coast Guard: <http://www2.kaiho.mlit.go.jp/> (Japanese text only).

57. Dr. Won-Joon SHIM, a representative of Korea, reported environmental related issues raised after *Hebei Spirit* oil spill incident occurred in December 2007 in Korea, such as use of dispersants, submerged oil appearance, recreational beach opening, seafood safety management, net environmental benefit, and health effects on volunteer responders. The meeting noted the importance of such information provided by Korean representative.

58. Mr. Woo-Rack SUH, a representative of Korea, reported on the construction of oil spill training facility to be located in Busan, Korea which aims to establish a foundation to implement legal education for 'Marine pollution prevention manager' and to hold training courses for specialized oil spill response experts based upon the IMO model course. The meeting expressed its interests and hoped that the facility could contribute to strengthen international cooperation for preparedness of large scale oil spill.

59. Dr. Natalia KUTAEVA, a representative of Russia, reported that Russian Federal Contingency Plan for Oil Spill Preparedness and Response at Sea is under reviewing and it is expected to put into force in 2011. Regional Oil and Oil Product Spill Contingency Plan at the Far-Eastern Marine Basin of the Russian Federation Spill is under adopted now and it is expected to put into force till the end of this year. The meeting also shared the information about the programme of renewal on salvage and rescue fleet in Russia. She informed that Russian Federation was audited within the framework of the Voluntary IMO member State Audit Scheme. She also made a presentation about the Sub-Regional Training and Exercise conducted by Far-Eastern BASU in 2009, and reported lessons learned from recent oil spill response against incident on 17 January 2010, Island Russkiy, Vladivostok.

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

#### **Agenda item 10. Conduct of a table-top Exercise**

61. Dr. Jeong-Hwan OH, Senior Consultant of MERRAC was invited to lead a table-top exercise based on the scenario developed by MERRAC with technical support of IMO and Oil Spill Response (UNEP/IMO/NOWPAP/MERRAC/FPM 13/16). During the discussion of the table-top exercise issues, he recalled a general procedure of NOWPAP Regional Oil and HNS Spill Contingency Plan. The presentation detailed the roles and actions of leading and assisting members with general procedures of the NOWPAP Regional Oil and HNS Spill Contingency Plan. During the discussion of the table-top exercise issues, the meeting participants identified the necessity of sharing more information on customs and immigration procedures, and on pre-arrangement procedures in NOWPAP member states.



62. The meeting agreed to develop a checklist of NOWPAP member states for self-assessment to understand the level of preparedness for efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan.

**Agenda item 11. Discussion on efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan**

63. Taking into account the discussion under Agenda item 10, the meeting agreed to develop questionnaires for self-assessment to understand the level of preparedness for efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan within 1 or 2 months after the meeting, and to circulate its draft to member states for their review. For developing questionnaires, MERRAC was requested to contact IMO to ask reference information on its activities in West-Central Africa and/or other regions related to preparedness. After then, the NOWPAP member states will be requested to fill out the questionnaires. The meeting asked MERRAC to develop a review report based on the submitted information and submit it back to next MERRAC FPM.

**The Thirteenth NOWPAP MERRAC Focal Points Meeting**

**Agenda item 12. Discussion on the organization of the 2010 NOWPAP MERRAC Expert Meeting (expected to be held in September 2010)**

64. Dr. Jeong-Hwan OH, Senior Consultant of MERRAC, reported on the progress made for the organization of MERRAC Expert Meeting (UNEP/IMO/NOWPAP/MERRAC/FPM 13/18).

65. Mr. Yasuhiro URANO, a representative of Japan, reported on the draft plan of the Sakhalin Project Forum, in form of 2010 MERRAC Expert Meeting, to be held in Hokkaido, Japan, on 5th September 2010, in conjunction with the 3rd NOWPAP DELTA (Annex I of UNEP/IMO/NOWPAP/ MERRAC/FPM 13/18). Taking into account the budgetary contribution of Japan, it was agreed to invited participants of NOWPAP member states as much as possible using the allocated budget for MERRAC Expert Meeting in 2010/11 biennium. In order to estimate the number of funded participants, MERRAC was requested to check air fare and to provide the information to Japan after the meeting. The meeting agreed to organize the Sakhalin Project Forum, in principle, and to discuss continuously further details (such as the scope of the participation and presentation arrangement of the NOWPAP member states) by e-mail during intersessional period after the 13th MERRAC FPM.

**Agenda item 13. Discussion on mid- or long-term strategy for MERRAC activities and other co-operative issues**

**Developing Oil Spill Preparedness through the Global Initiative (GI) Programme**

66. Mr. James PAW, IMO Programme Coordinator Officer, made a presentation on the developing oil spill preparedness through the Global Initiative (GI) programme which was launched in 1996 to assist countries in developing national and/or regional structures and capability for oil spill preparedness and response through the mobilization of external assistance and industry support at national and regional levels (UNEP/IMO/NOWPAP/ MERRAC/FPM 13/19). He also explained that the underpinnings of GI is the OPRC Convention but the programme also covers other related instruments including conventions relating to liability and compensation.

67. Mr. Daniel CHAN, Regional Advocacy Coordinator of Oil Spill Response Limited, and an observer from IPIECA, also delivered a presentation on GI programme. He introduced IPIECA and addressed the necessity of the GI programme with a view that the underlying principles remains the same and good results achieved in one region may be replicated in another region, although all regions may require a tailored approach. He stressed that it is important to recognise that the GI is a long term process, requiring sustained effort and continued commitment from all key stakeholders.

68. Recognising the necessity of the implementation of the specific activity and projects linked with the GI programme in the NOWPAP region, the meeting requested MERRAC to contact IMO and IPIECA to discuss possible future strategies and/or actions with a view that GI programme may launch in the NOWPAP region.

**Co-operation with NOWPAP RCU and other RACs**

69. Dr. Sangjin LEE, Scientific Affairs Officer of NOWPAP, introduced the draft NOWPAP medium-term strategy to be submitted to Fifteenth NOWPAP Intergovernmental Meeting (UNEP/IMO/NOWPAP/MERRAC/ FPM 13/20). In the NOWPAP medium-term strategy for 2011-2015, he explained that it was both considered operational (programmatic) and thematic strategy elements, i.e., 1) Integrated coastal and river basin management, ICARM, 2) Regular assessments of the state of the marine environment, 3) Pollution prevention and reduction, 4) Harmful substances and hazardous waste, 5) Biodiversity conservation (including alien invasive species), and 6) Climate change. After the presentation, NOWPAP member states expressed their concerns as potential thematic strategy elements for 2011-2015 are extensive and not fully under Terms of Reference of NOWPAP RACs. Noting that available resources within the current MERRAC working system are limited, the member states encouraged MERRAC to mainly focus on the fields of marine pollution preparedness and response, for the time being.

70. Mr. Hidemasa YAMAMOTO, Director of CEARAC, informed the progress made for the development of new marine environment monitoring tools using special monitoring techniques such as remote sensing including oil spill monitoring. He also reported updating plan which may be implemented for the 2010-2011 biennium depending on availability of fund. He hoped to continuously cooperate with MERRAC regarding this issue.

71. Mr. Bin PENG, Senior Expert of DINRAC, presented their activities regarding the development of visualization platform based on the WebGIS technology. He reported that visualized display and query interface for oil and HNS spill accidents will be implemented until 2011 in co-operation with MERRAC.

72. Mr. Anatoly KACHUR, Director of POMRAC, reported general activities carried out by POMRAC such as WG 1 (Atmospheric deposition of contaminants into the marine and coastal environment), WG 2 (River and direct Inputs of contaminants into the marine and coastal environment) and Integrated Coastal Area and River Basin Management (ICARM). He also informed that the second edition of "State of Marine Environmental Report" will be prepared and published for the NOWPAP region, to be developed in co-operation with other RACs including MERRAC. He further informed that brochures of MERRAC and CEARAC were translated and published in Russian or English during 2008-2009 under RAP MALI implementation.

73. The meeting noted the cooperative activities among the RACs are very important, and agreed to continuously co-operate together in the future.

**Agenda item 14. Revision of the proposed workplan and budget for the MERRAC activities for the 2010/2011 biennium, based upon the decision by the Fourteenth NOWPAP Intergovernmental Meeting**

74. Dr. Seong-Gil KANG, Director of MERRAC, reported a workplan and budget of MERRAC for the 2010/11 biennium to the meeting (UNEP/IMO/NOWPAP/MERRAC/FPM 13/21), which has been revised taking into account the decision by the 14th NOWPAP IGM. The meeting agreed workplan and budget for the MERRAC activities for the next biennium, as attached in **Annex IV**.

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

75. Following the presentation of the MERRAC secretariat, the Routine Tasks and the

Specific Projects for 2010 were rearranged as attached in **Annex V**.

76. Especially, Dr. Se-Jin PARK, a representative of Korea, suggested a Specific Project to be implemented by MERRAC, which will improve assistance procedure and system for more efficient implementation of the Plan through the case study of other regional seas programmes.

77. The meeting agreed to hold the Fourteenth NOWPAP MERRAC Focal Points Meeting in May-June 2011, in conjunction with the Sixth Competent National Authorities Meeting in order to save the budget. The meeting decided to organize the meetings in MERRAC.

**Agenda item 16. Other matters**

78. No other matter has been raised during the meeting.

**Agenda item 17. Adoption of the report of the meeting**

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

**Agenda item 18. Closure of the meeting**

80. After the customary exchange of courtesies the Chairperson declared the Meeting closed at 11:40 a.m. on Friday, 11 June 2010.

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Annex III Agenda

Annex IV Revised Workplan and Budget for MERRAC Activities for the 2010/2011 Biennium

Annex V List of the Tasks, Lead Country/Agency, Required Actions and Expected Outputs for 2010

Annex VI List of the files in the CD-ROM



**Annex I**

**List of Participants**





**Annex I. List of Participants to the 13<sup>th</sup> NOWPAP MERRAC Focal Points Meeting & the 5<sup>th</sup> Competent National Authorities Meeting**

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**Annex II**

**List of Documents**



**Annex II. LIST OF DOCUMENTS FOR THE THIRTEENTH MERRAC FOCAL POINTS  
MEETING AND THE FIFTH COMPETENT NATIONAL AUTHORITIES MEETING**

**Working Documents**

UNEP/IMO/NOWPAP/MERRAC/FPM 13/1	Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 13/2	Annotated Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 13/3	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 13/4	Report on the Activities of IMO Made After the Twelfth MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 13/5	Report on MERRAC Activities Made After the Twelfth MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 13/6	Report on the Annual Expenditure of MERRAC Budget for the 2008/2009 Biennium
UNEP/IMO/NOWPAP/MERRAC/FPM 13/7	Report on the Focal Points
UNEP/IMO/NOWPAP/MERRAC/FPM 13/8	Report on the Information System
UNEP/IMO/NOWPAP/MERRAC/FPM 13/9	Report on the Oil and HNS Spill Incidents
UNEP/IMO/NOWPAP/MERRAC/FPM 13/10	Progress Report on the Implementation of the MERRAC Specific Projects
UNEP/IMO/NOWPAP/MERRAC/FPM 13/11	Implementation of the NOWPAP RAP MALI

UNEP/IMO/NOWPAP/MERRAC/FPM 13/12	Report of MERRAC Activities on RAP MALI
UNEP/IMO/NOWPAP/MERRAC/FPM 13/13	Revision and/or Amendment of NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 13/14	Report on the NOWPAP Training and Exercise
UNEP/IMO/NOWPAP/MERRAC/FPM 13/15	Latest Progress Report on the Oil and HNS Pollution Preparedness and Response in the NOWPAP Region
UNEP/IMO/NOWPAP/MERRAC/FPM 13/16	A Table Top Exercise for the Efficient Implementation of the NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 13/17	Discussion on Efficient Implementation of the NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 13/18	Progress Report on the Organization of MERRAC Expert Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 13/19	Introduction of the Developing Oil Spill Preparedness through the Global Initiative (GI) Programme
UNEP/IMO/NOWPAP/MERRAC/FPM 13/20	Discussion on Medium-term Strategy of MERRAC Activities under the Framework of NOWPAP
UNEP/IMO/NOWPAP/MERRAC/FPM 13/21	Draft Proposed Workplan and Budget of MERRAC Activities for the 2010/2011 Biennium

UNEP/IMO/NOWPAP/MERRAC/FPM 13/22	Draft Arrangements of the Existing Tasks and Identification of Additional Tasks for Intersessional Works
UNEP/IMO/NOWPAP/MERRAC/FPM 13/INF1	List of Documents
UNEP/IMO/NOWPAP/MERRAC/FPM 13/INF2	Time Schedule

**Reference Documents**

UNEP/IMO/NOWPAP/MERRAC/FPM 12/20	Report of 12th NOWPAP MERRAC Focal Points Meeting and the 4th Competent National Authorities Meeting (MERRAC, Daejeon, 1-3 June 2009)
UNEP/IMO/NOWPAP/MERRAC/FPM 11/22	Report of the 11th MERRAC Focal Points Meeting and the 3rd Competent National Authorities Meeting (MERRAC, Daejeon, 10-13 June 2008)
UNEP/NOWPAP IG. 14/11	Report of the 14th Intergovernmental Meeting of the Northwest Pacific Action Plan (Toyama, Japan, 8-10 December 2009)
UNEP/NOWPAP IG. 13/9	Report of the 13th Intergovernmental Meeting of the Northwest Pacific Action Plan (Jeju, Republic of Korea, 20-21 October 2008)





**Annex III**

**Agenda**



**Annex III. Agenda of The Thirteenth NOWPAP MERRAC Focal Points Meeting and the Fifth Competent National Authorities Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan**The Thirteenth 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 Twelfth NOWPAP MERRAC Focal Point Meeting
  - 4.1. Report of a representative of UNEP and/or NOWPAP RCU on the progress of the entire NOWPAP activities made after the Twelfth NOWPAP MERRAC Focal Points Meeting
  - 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 activities and the budget expenditures made during intersessional period after the Twelfth NOWPAP MERRAC Focal Points Meeting
5. Review of the progresses made for each of the tasks agreed at the Twelfth NOWPAP MERRAC Focal Points Meeting, and identification of continuous 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)
    - Manual for HNS training (Japan)
    - Regional report on HNS preparedness and response (MERRAC)

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

The Fifth 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 a representative of China on the NOWPAP BRAVO Exercise
  - 8.2. Report of a representative of Russia on the NOWPAP BRAVO Exercise
  - 8.3. Report of a representative of Japan on a draft plan of the 3rd NOWPAP DELTA - Joint Oil Spill Exercise (*expected to be held in September 2010*)
- 9. Report of representative 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
- 10. Conduct of a Table-top Exercise
- 11. Discussion on efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan
  - Identification of the future work necessary

The Thirteenth NOWPAP MERRAC Focal Points Meeting

- 12. Discussion on the organization of the 2010 NOWPAP MERRAC Expert Meeting (*expected to be held in September 2010*)

13. Discussion on mid- or long-term strategy for MERRAC activities and other co-operative issues
  - 13.1. Developing oil spill preparedness through the Global Initiative (GI) programme
  - 13.2. Co-operation with NOWPAP RCU and other RACs
    - Report of NOWPAP RCU on developing of the draft NOWPAP medium-term strategy to be submitted to Fifteenth NOWPAP Intergovernmental Meeting
    - Possible co-operation of future activities with other RACs
  - 13.3. Other potential future activities for MERRAC
14. Revision of the proposed workplan and budget for the MERRAC activities for the 2010/2011 biennium based upon the decision by the Fourteenth NOWPAP Intergovernmental Meeting
15. Arrangement of intersessional work and venues and dates of the Fourteenth NOWPAP MERRAC Focal Points Meeting and the Sixth 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

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**Annex IV**

**Revised MERRAC Workplan and Budget for the 2010/2011 Biennium**





**Annex IV. The Revised MERRAC workplan and budget for 2010-2011, based on decision by the 14<sup>th</sup> NOWPAP IGM.**

Activities	Actions	Tentative Time	Budget (in USD)		
			In 2010	In 2011	Total
<b>1. Focal Points Meeting &amp; CNA Meeting</b>	- Coordinate MERRAC activities - Maintain and update the RCP, including relevant annexes - Report on oil and HNS Pollution incident - Update the Information System - Planning the training and exercise	May-June in 2010 and 2011	24,000	24,000	48,000
<b>2. Expert Meeting (to be hosted by Japan)</b>	- Organize Sakhalin Project Forum in conjunction with the 3 <sup>rd</sup> NOWPAP DELTA	September, 2010	23,000	0	23,000
<b>3. Specific projects (tentative)</b>	- Quantitative minimum level of preparedness <sup>*1)</sup>	June, 2011	12,000 <sup>*2)</sup>		12,000
	- Legislations and practice on marine pollution damage civil liability and compensation	June, 2012			
	- Application of HNS training manual to actual training courses <sup>*1)</sup>	June, 2012			
	- Environmental issues related to oil spill incidents in the NOWPAP region	June, 2012			
	- Review of the assistance procedure and system under the RCP	June, 2012			
	- GI programme and other specific projects on Oil and HNS issues	2010-2011			
<b>4. Coordination with IMO/UNEP and Regional Seas</b>	- NOWPAP IGM - OPRC-HNS TG Meeting - Other Regional Activities Center - Regional co-operation	Through-out	9,000	9,000	18,000
<b>5. Publications and other miscellaneous costs</b>	- Technical Reports - Newsletter - Maintaining Homepage	Through-out	3,000	3,000	6,000
<b>6. Joint NOWPAP Oil Spill Exercise</b>	- NOWPAP BRAVO Exercise (4 times)	2010-2011	-	-	-
	- NOWPAP DELTA Exercise	September, 2010	-	-	-
<b>Sub-total</b>			<b>65,000</b>	<b>42,000</b>	<b>107,000</b>
<b>7. MERRAC activities on RAP MALI</b>	RAP MALI (related to MERRAC) <sup>*3)</sup> (approved by 14 <sup>th</sup> IGM)	2010-2011		10,500	10,500
<b>Sub-total</b>				<b>10,500</b>	<b>10,500</b>
<b>Total</b>					<b>117,500</b>

\*1) No budget is required.

\*2) Budget allocation will be discussed during the intersessional period.

\*3) Supported from RAP MALI

※ As suggested at the 14th NOWPAP IGM, the Korean Government decided to contribute budget of US\$ 33,000, as same as decreased amount for RAC budget, in order to support MERRAC activities, especially sea-based marine litter activities.



**Annex V**

**List of the Tasks, Lead Country/Agency, Required Actions and Expected Outputs for 2010**



**Annex V. The List of the Tasks, Lead Country/Agency, Required Actions and Expected Outputs for 2010**

**1. Routine Tasks carried out by MERRAC**

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

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

**2. Specific projects coordinated by MERRAC for 2010**

Tasks	Lead Country / Agency	Actions	Expected Outputs
1. Survey on the Quantitative Minimum Level of Preparedness <sup>*1)</sup>	China and Russia	- Survey information on minimum level of preparedness on oil spills (Tier 1 and 2) - how many and/or what kinds of response resources should be maintained at the port, oil terminal and off-shore platform	- Established information on the quantitative minimum level of preparedness at the port, oil terminal and off-shore platform - Recommendations to improve the level of preparedness in terms of quantity for considering by the next FPM
2. HNS Training Manual (concluded)	Japan	- Terminate the project and publish the result as a MERRAC technical report after editorial correction	- Published MERRAC technical report
3. HNS Regional Report (concluded)	MERRAC	- Finalize the report of HNS regional report after review by member within 1 or 2 month, and then publish the report in PDF version as a MERRAC technical report	- Published MERRAC technical report on HNS regional report
4. Legislations and Practice on Marine Pollution Damage Civil Liability and Compensation	China	- Survey information on legislations and practice related to civil liability and compensation for marine pollution damage in NOWPAP members in order to facilitate better implementation of the NOWPAP RCP in case of oil and HNS spill incident from vessel	- A report on the legislations and practice related to civil liability and compensation for marine pollution damage from ships in NOWPAP region.
5. Application of HNS Training Manual to Actual Training Courses <sup>*1)</sup>	Japan	- Utilize the HNS Training Manual in actual training courses for international trainees.	- Evaluation of the HNS Training Manual - Updated HNS Training Manual, if necessary

<p>6. Environmental Issues related to Oil Spill Incidents in the NOWPAP Region</p>	<p>MERRAC and Korea</p>	<ul style="list-style-type: none"> <li>- Collect the information, data and experience on environmental issues raised during and/or after the oil spill incidents in the NOWPAP region, such as <i>Hebei Spirit</i> and others</li> <li>- Develop a summary report</li> </ul>	<ul style="list-style-type: none"> <li>- Development of a summary report</li> <li>- Sharing the information and experience after oil spill incidents</li> </ul>
<p>7. Development of Practical Assistance Procedure and System under the RCP</p>	<p>MERRAC</p>	<ul style="list-style-type: none"> <li>- Develop the checklist for the procedures of RCP for its efficient application to be taken by member states</li> <li>- Review the assistance procedure and system under the Regional Contingency Plan, through the assessment work of case study on other regional seas programme</li> </ul>	<ul style="list-style-type: none"> <li>- Assessment of the applicability of RCP for assistance procedure and system</li> <li>- Development of a review report including suggestions for the improvement of the assistance procedure and system</li> </ul>
<p>8. RAP MALI project</p>	<p>MERRAC</p>	<ul style="list-style-type: none"> <li>- Carry out the activities requested of MERRAC under the RAP MALI project, e.g., development of a case study report on negative impacts of marine litter, public awareness, update of an assessment of port reception facilities, etc.</li> </ul>	<ul style="list-style-type: none"> <li>- Development of a technical report</li> <li>- Development of pamphlet or brochure</li> </ul>
<p>9. Other Specific projects as described by the TOR of MERRAC or decided upon by the F.P Meetings and/or IGM</p>	<p>MERRAC (IMO)</p>	<ul style="list-style-type: none"> <li>- Contact IMO and IPIECA to discuss possible future strategies and/or actions with a view point to launch Global Initiative(GI) Programme in the NOWPAP region</li> </ul>	<ul style="list-style-type: none"> <li>- Sharing the information on GI Programme</li> </ul>
<p>*1) No budget is required.</p>			



**Annex VI**

**List of the files in the CD-ROM**



**Annex VI. List of the files in the CD-ROM**

**1) Report of the 13th NOWPAP MERRAC Focal Points Meeting & the 5th Competent National Authorities Meeting (MERRAC, Daejeon, 8-11 June 2010)**

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

- 2) Report on NOWPAP Implementation (Dr. Sang-jin LEE, NOWPAP RCU)
- 3) Report on IMO Activities (Mr. James PAW, IMO)
- 4) MERRAC Activities and Expenditure 2008/9 (Dr. Seong-gil KANG, Director of MERRAC)

**Agenda 5. Review of the progresses made for each of the tasks agreed at the Twelfth NOWPAP MERRAC Focal Points Meeting, and identification of continuous work**

- 5) Focal Points (Ms. Hyon-Jeong NOH, Consultant of MERRAC)
- 6) Information System (Ms. Hyon-Jeong NOH, Consultant of MERRAC)
- 7) Oil and HNS spill incidents (Ms. Hyon-Jeong NOH, Consultant of MERRAC)

**Agenda 8. Report and discussion on the NOWPAP Training and Exercise**

- 8) Report of the 4th NOWPAP BRAVO Exercise (Mr. Chunchang ZHANG, China)
- 9) Draft Plan of the 3rd Joint NOWPAP DELTA Exercise (Mr. Yasuhiro URANO, Japan)

**Agenda 9. Report of representative of CNA on issues related to latest progress in their respective countries**

- 10) Oil Spill Response of M/V "Zoorik" (Mr. Chunchang ZHANG, China)
- 11) Introduction of China new Regulations (Mr. Chunchang ZHANG, China)
- 12) Environmental Issues: The *Hebei Spirit* Oil Spill Case (Dr. Won-Joon SHIM)
- 13) Construction of Oil Spill Training Facility (Mr. Woo-Rack SUH, KOEM)
- 14) CNA Report of Russia (Dr. Natalia KUTAEVA, Russia)

**Agenda 10. Conduct of a Table-top Exercise**

- 15) Table-Top Exercise (Dr. Jeong-Hwan OH, Senior Consultant of MERRAC)

**Agenda 13. Discussion on Mid- or Long-term Strategy for MERRAC Activities and Other Co-operative Issues**

- 16) Global Initiative(GI) Programme (Mr. James PAW, IMO)
- 17) Developing oil spill preparedness through the GI Programme (Mr. Daniel CHAN, OSR)
- 18) Mid- or Long-term Strategy of CEARAC (Mr. Hidemasa YAMAMOTO, Director of CEARAC)
- 19) Mid- or Long-term Strategy of DINRAC (Mr. Bin PENG, Senior Expert of DINRAC)
- 20) Mid- or Long-term Strategy of POMRAC (Dr. Anatoly KACHUR, Director of POMRAC)

**Agenda 14. Revision of the Proposed Workplan and Budget for the MERRAC Activities for the 2010/11 Biennium**

- 21) MERRAC Workplan and Budget 2010/11 (Dr. Seong-gil KANG, Director of MERRAC)





