

NOWPAP MERRAC

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



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Report of the 16th NOWPAP MERRAC Focal Points Meeting & the 8th Competent National Authorities Meeting

Incheon, Republic of Korea

17-21 June 2013

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Report of the 16th NOWPAP MERRAC Focal Points Meeting & the 8th Competent National Authorities Meeting

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**THE SIXTEENTH NOWPAP MERRAC FOCAL POINTS MEETING &
THE EIGHTH COMPETENT NATIONAL AUTHORITIES MEETING
FOR NOWPAP REGIONAL OIL AND HNS SPILL CONTINGENCY PLAN**

(Incheon, Republic of Korea, 17-21 June 2013)

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 in September 1994 at the First Intergovernmental Meeting (IGM) by the NOWPAP members, namely People's Republic of China, Japan, Republic of Korea, and Russian Federation (hereinafter referred to as China, Japan, Korea and Russia). In order to implement NOWPAP activities related to development of effective measures for regional cooperation in marine pollution preparedness and response, it was recommended that a regional Forum be created under the NOWPAP framework.

2. In March 2000, the Marine Environmental Emergency Preparedness and Response Regional Activity Centre (MERRAC) was established in Daejeon, Korea. Based on the decision of the Fourth Forum Meeting, the name of the Forum has been changed to "NOWPAP MERRAC Focal Points Meeting (FPM)" and MERRAC is serving as a secretariat for the meeting.

3. The Eighth NOWPAP IGM (2003) adopted the NOWPAP Regional Oil Spill Contingency Plan (hereinafter referred to as the Plan) as technical and operational guidelines for regional cooperation in cases of oil spill emergencies in the NOWPAP region. The MOU on the regional cooperation regarding preparedness and response to oil spills was signed in 2004 by ministers of the NOWPAP members and the Plan became operational.

4. The Seventh MERRAC FPM (2004) decided to organize "Competent National Authorities (CNA) Meeting for the NOWPAP RCP" once a year, in conjunction with the MERRAC FPM, in order to discuss the issues related to the Plan. Since 2004, MERRAC has been also organizing Expert Meetings to discuss and review, at a technical level, various topics related to MERRAC activities.

5. The Tenth NOWPAP IGM (2005) approved the expansion of the geographical coverage of the Plan as well as new MERRAC activities including chemical spills, 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), International Maritime Organization (IMO) conventions, and liability and compensation at a later stage.

6. Based upon the decision of the Tenth NOWPAP IGM, the Ninth MERRAC FPM (2006) agreed to amend relevant parts of the Plan in order to cover the HNS (hazardous and noxious substances). The Thirteenth NOWPAP IGM (2008) adopted the Resolution on the NOWPAP RCP and the Plan came into effect.

7. The Sixteenth NOWPAP IGM (2011) approved the work plan and budget for MERRAC activities for the 2012/2013 biennium agreed by the Fourteenth MERRAC FPM and decided to allocate USD 112,000 to each of the NOWPAP RACs as well as USD 5,000 for the MERRAC activities within the NOWPAP RAP MALI (Regional Action Plan on Marine Litter). The NOWPAP Medium-term Strategy (MTS) 2012-2017 was adopted in 2012, which provides the overall guidance for the implementation of NOWPAP activities.

8. The Fifteenth MERRAC FPM agreed to make final decision on the amendment to the Plan (paragraph 5.2.2) after internal consultation with relevant competent authorities in their respective NOWPAP members at the next NOWPAP MERRAC FPM.

9. Based upon the agreement of the Fifteenth NOWPAP MERRAC FPM and the Seventh CNA Meeting, the Sixteenth NOWPAP MERRAC FPM and the Eighth CNA Meeting was held in June 2013, with support from Korea Coast Guard (KCG). The list of participants for the meeting is attached in **Annex I**. After the formal meeting on 21 June 2013, the participants visited headquarters of KCG and their stockpile storage facility located in Daesan, Korea.

The Sixteenth NOWPAP MERRAC Focal Points Meeting & the Eighth Competent National Authorities Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan

Agenda item 1. Opening of the meeting

10. The meeting was opened at 10:00 a.m. on 17 June 2013 in Incheon, Korea by Dr. Seong-Gil KANG, Director of MERRAC. In his opening remarks, he warmly welcomed participants to the Sixteenth MERRAC Focal Points Meeting (FPM) and the Eighth CNA Meeting for NOWPAP RCP. He also expressed sincere gratitude to the Commissioner General of Korea Coast Guard (KCG), Dr. Suk-Kyoon KIM for his valuable attendance and congratulated KCG for its 60th Anniversary. Emphasizing the importance of continuous contribution and close cooperation on marine pollution preparedness and response between members, he wished the meeting provides a good opportunity to discuss more efficient regional cooperative activities among NOWPAP members. He expressed his thanks to the NOWPAP Focal Points, IMO and NOWPAP RCU for their support and contribution to MERRAC activities.

11. Dr. Suk-Kyoon KIM, Commissioner General of KCG delivered the welcome address and opening remarks. He stated that he was honored and delighted to welcome participants to Incheon where KCG is situated, especially on the occasion of the 60th anniversary of KCG. He emphasized that each NOWPAP member state, as part of Northwest Pacific Region, is living in an era of rapid economic development and it has led to a sharp increase in maritime traffic. He further stated that it is the region's greatest concern that due to global environmental problems, an increase in life-threatening natural disasters has become inevitable and they have consequently given rise to large marine pollution incidents. He also emphasized that KCG is doing its utmost to prevent maritime accidents through a paradigm shift of marine pollution preparedness and response measures, from reactive to pro-active measures and is concentrating its efforts on providing a cleaner ocean based on a belief that safety should always be the priority. He concluded by saying that KCG will continue to share maritime accident preventive measures and take initiatives in protecting the marine environment of our NOWPAP region in close cooperation with NOWPAP members.

12. Dr. Sangjin LEE, NOWPAP Scientific Affairs Officer, was invited to give a welcoming remark on behalf of NOWPAP RCU. He thanked MERRAC Secretariat for the organization of the Sixteenth NOWPAP MERRAC FPM and the Eighth CNA meeting. He stressed the role of MERRAC and the implementation of relevant activities listed in the MTS which provides the overall guidance for the implementation of NOWPAP activities. He also mentioned several critical agenda items including work plan and budget for the next biennium 2014-2015, where more active participation from member states is expected. In his closing, he stated that he wishes the meeting to reach fruitful results.

13. Subsequently, the delegates of NOWPAP members made welcoming statements. They expressed their thanks to KCG for supporting the meeting and to MERRAC for organizing it. The participants included representatives from the NOWPAP members including China, Japan, Korea and Russia. In addition, the representatives of CEARAC, DINRAC and POMRAC and a representative of Oil Spill Response Limited (OSRL) also attended the meeting and gave introductory remarks on their respective activities to the meeting.

Agenda item 2. Organization of the meeting

14. In accordance with the Rules and Procedures in line with the provisions in the Terms of Reference of the NOWPAP MERRAC Focal Points Meeting, applicable as agreed to this meeting, the participants were invited to elect a Chairperson and a Rapporteur. The meeting unanimously agreed to elect the following officers:

Chairperson: Mr. Chunchang ZHANG, Deputy Director of Yantai Oil Spill Response
Technical Center, China Maritime Safety Administration (MSA)

Rapporteur: Mr. Kazuhisa TAKUMI, Special Assistant to Director, Marine Environment Protection & Disaster Prevention Division, Guard and Rescue Department (Japan Coast Guard, JCG)

15. 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 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

16. The Director of MERRAC introduced the Provisional Agenda (UNEP/IMO/NOWPAP/MERRAC/FPM 16/1) and the Annotated Provisional Agenda (UNEP/IMO/NOWPAP/MERRAC/FPM 16/2). 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 Fourteenth NOWPAP MERRAC Focal Points Meeting

17. Upon the invitation of the Chairperson, Dr. Sangjin LEE (NOWPAP RCU) reported the progress of the overall NOWPAP activities during the intersessional period (UNEP/IMO/NOWPAP/MERRAC/FPM 16/3). He summarized NOWPAP activities covering period since the 15th MERRAC FPM in 2012, and reported that activities have been implemented as planned by all RACs. He also reported that DINRAC Secretariat has recently experienced significant changes in terms of its host institution and staff members, including the new director of DINRAC, Mr. Feng YAN. In addition to specific projects carried out by the NOWPAP RACs, he introduced several activities which were implemented and coordinated by RCU together with 2013 NOWPAP ICC and workshop planned to be held in October 2013. He also reported on building partnership, raising public awareness, and resource mobilization through developing new project proposals.

18. Dr. Sangjin LEE (NOWPAP RCU) reiterated the significance of communication between RACs and RCU in order to carry out activities without any delay. He also introduced some activities being implemented by RACs with coordination of RCU (e.g. eutrophication and biodiversity by CEARAC, MIS Atlas by DINRAC, and PTS by POMRAC).

19. Dr. Jeong-Hwan OH, Senior consultant of MERRAC, on behalf of Mr. James PAW (IMO), reported on the Activities of the International Maritime Organization on Marine Pollution Prevention, Preparedness and Response and the results of the latest IMO MEPC Meeting including OPRC

Technical Group Meeting as well as updates on the ratification of IMO Conventions (UNEP/IMO/NOWPAP/MERRAC/FPM 16/4). He reported the latest outcome of MEPC 65 on OPRC and HNS-related matters and informed that Manual on chemical to address legal and administrative aspects of HNS Incidents, Updating of the IMO Dispersant Guidelines, IMO in situ burning guidelines and Operational guidelines on sunken and submerged oil assessment and removal techniques will be published soon.

20. Dr. Jeong-Hwan OH (MERRAC) reported on the activities implemented during the intersessional period after the last Fifteenth NOWPAP MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM/16/5). He also presented the expenditure of MERRAC for the 2012/2013 Biennium for the MERRAC activities (UNEP/IMO/NOWPAP/MERRAC/FPM 16/6).

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

21. The meeting reviewed the progress on Routine Tasks and Specific Projects made after last MERRAC FPM and identified future activities to be continued under each task and project.

5.1. Routine Tasks

Focal Points

22. Ms. Jung-Hyun LIM, Consultant of MERRAC, presented the document on the Focal Points (UNEP/IMO/NOWPAP/MERRAC/FPM 16/7). As requested by the Fifteenth FPM and the Seventh CNA Meeting, MERRAC continued updating the list of the FPs and she informed that all NOWPAP members submitted their updated lists of the Focal Points, which are reflected accordingly in the present document. She also informed that the Focal Point of Republic of Korea has been replaced from Mr. Sang-Eun LEE to Mr. Chang-Gyuen KIM and the name of MERRAC host institute has been changed from Daedeok branch/ KORDI to MOERI/KIOST and the email address accordingly (**@kiost.ac). The meeting welcomed new MERRAC Focal Points for Korea, who had been replaced during the intersessional period.

Information System

23. Ms. Jung-Hyun LIM (MERRAC) presented the document on the Information System (UNEP/IMO/ NOWPAP/MERRAC/FPM 16/8). She reported that all NOWPAP members submitted the updated lists of response equipment, institutions and experts in the field of marine pollution preparedness and response. The meeting also encouraged MERRAC to continue the update of the

document.

24. The meeting agreed for MERRAC to upload the updated lists of equipment, institutions and experts on MERRAC website (<http://merrac.nowpap.org>). The meeting further agreed to continuously update and maintain the lists in the Information System.

25. Based upon the proposal from Russian Delegations, the meeting agreed that the information will be updated not later than 15th May every year and the meeting documents should be submitted five weeks prior to the FPMs and CNA meetings, in order to provide members enough time to review the updated information and the meeting documents well in advance

Reports on Oil and HNS Pollution Incidents

26. Ms. Jung-Hyun LIM (MERRAC) presented the document on oil and HNS pollution incidents (UNEP/IMO/NOWPAP/MERRAC/FPM 16/9). She stated that upon the agreement made during the Fifteenth FPM, MERRAC has uploaded the lists of oil and HNS Spill incidents on the MERRAC website as part of the routine task. She also informed the meeting that two oil spill incidents have been reported by Korea during the intersessional period directly to MERRAC and the information has been delivered to the NOWPAP members using the existing POLREP format. Korea introduced two cases of oil spills in more detail including overview and response activities to the incidents.

27. The meeting agreed that MERRAC will continue to maintain and upload the list of oil and HNS spill accidents in the region as one of its Routine Tasks.

5.2. Specific Projects

28. Dr. Jeong-Hwan OH (MERRAC) reported the general progress of the implementation of the Specific Projects (UNEP/IMO/NOWPAP/MERRAC/FPM 16/10). He stated that the draft reports carried out by leading expert of each MERRAC Specific Project have been circulated among MERRAC Focal Points for the review at a technical level.

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

- Legislation and Practice on Marine Pollution Damage Civil Liability and Compensation
- Development of Practical Assistance Procedure and System under the Plan
- Development of Manual on Conduction of Oil Spill Response Operational Exercise

- Development of Pamphlet on HNS Database and Spill Response in the NOWPAP Region

30. Following the presentations, the meeting discussed the achievements and/or 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:

Legislation and Practice on Marine Pollution Damage Civil Liability and Compensation

31. Mr. Chunchang ZHANG, Representative of China, presented the draft final report on the Legislations and Practice on Marine Pollution Damage Civil Liability and Compensation, which includes comparison of national legislation for oil spill compensation among the NOWPAP members (UNEP/IMO/NOWPAP/ MERRAC/FPM 16/10 Annex 2).

32. Dr. Sangjin LEE (NOWPAP RCU) mentioned that RCU will continue to provide support to improve the quality of the specific projects, and additionally suggested MERRAC not to treat Annex (e.g. MoU) as separate meeting documents.

33. Following the detailed discussion on the results of this specific project, the meeting agreed to finalize this specific project. The meeting shared the opinions that the draft report can be published in a hard copy as a MERRAC technical report within 1 or 2 months after the meeting, after making minor further amendments regarding the conventions applicable on compensation for damage by ship pollution in NOWPAP region and possibly adding more information on national laws and practices of NOWPAP members.

34. Dr. Sangjin LEE (NOWPAP RCU) suggested that RCU will continue to improve the quality of the report to be published on this specific project, taking into account the IGM recommendations.

Development of Practical Assistance Procedure and System under the Regional Oil and Contingency Plan

35. Dr. Choong-Ki KIM, Senior consultant of MERRAC, reported the result of the questionnaire on assistance procedure and system under the Plan that was carried out among members to assess the current status of MERRAC activities implemented under the Plan (based on UNEP/IMO/NOWPAP/MERRAC/FPM 16/10 Annex 3).

36. The meeting pointed out that the purpose of this questionnaire survey and the criteria for defining the level of preparedness in the survey have not been fully clarified. Following the discussions on this specific project, the meeting decided to continue the implementation of this specific project, with purpose to identify what activities should be made in order to improve the low

level of the preparedness items on the Plan. It was suggested that MERRAC circulates revised draft report to members within 2 months after the meeting, requesting further inputs or self-assessment from NOWPAP members. The meeting agreed that MERRAC may maintain this self-assessment questionnaire as a routine task of MERRAC in the future, aiming at the evaluation of efficiency of implementation of the Plan and identification of future actions and priorities to improve the level of preparedness on marine pollution preparedness and response in the region.

Development of Manual on Conduction of Oil Spill Response Operational Exercise

37. Dr. Natalia KUTAEVA, Representative of Russia, reported on the draft manual on Conduction of Oil Spill Response Operational Exercise to harmonize and unify the Oil Spill Response operational exercise (UNEP/IMO/NOWPAP/MERRAC/FPM 16/10 Annex 6).

38. Following her presentation, the meeting noted that the manual is very detailed and such manual can be very useful for the successful implementation of exercises in the NOWPAP region in the future. The meeting recommended that the manual needs to include practical examples in the annexes. The meeting requested to submit the draft manual to the next FPM and Russia further suggested that the manual could be applied to the 5th DELTA exercise.

Development of Pamphlet on HNS Database and Spill Response in the NOWPAP Region

39. Ms. Jung-Hyun LIM (MERRAC) presented the Pamphlet on HNS Database and Spill Response in the NOWPAP Region which was developed based on Guidelines on HNS incident response made by Korea Coast Guard and information provided by the expert group (UNEP/IMO/NOWPAP/MERRAC/FPM 16/10 Annex 7).

40. The meeting suggested that the pamphlet needs to clarify who are the final users and make adjustments accordingly. It was agreed to revise the pamphlet, especially taking the comments made by the meeting into consideration by the next MERRAC FPM.

Agenda item 6. Sea-based Marine Litter Activities

41. Dr. Sangjin LEE (NOWPAP RCU) highlighted several activities implemented under the NOWPAP Regional Action Plan on Marine Litter (RAP MALI) after the Fifteenth MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM 16/11). He informed the meeting of planned NOWPAP ICC and workshop on marine litter management which will be held in Okinawa, October 2013 with contribution from the Japanese Government as well as Asia-Pacific Network for Global Change Research (APN) and Japan Fund for Global Environment (JFGE). He also emphasized cooperation between RCU, RACs and Marine Litter Focal Points noting in particular national efforts to lead to

the improvement of the overall status of marine litter pollution in the NOWPAP region.

42. Ms. Yoon Young BACK, Consultant of MERRAC, reported on the MERRAC activities carried out during the intersessional period under RAP MALL implementation (UNEP/IMO/NOWPAP/MERRAC/FPM 16/12). She informed that the report on *Negative Impacts of Marine Litter in the NOWPAP Region: Case Studies* has been published. The relevant activities carried out by MERRAC during the intersessional period on the compilation of best practices in dealing with marine litter in fisheries, aquaculture and shipping as well as the future work plan and the development of the brochure (funded by UNEP/GPA) had been reported to the meeting. She also presented two case studies of best practice submitted by China and Japan. A brief overview of the suggested RAP MALL activities work plan 2014-2015 was also presented and the meeting was requested to review them.

43. Dr. Sangjin LEE (NOWPAP RCU) noted that the revised suggested RAP MALL activities to be implemented by MERRAC will be compiled by NOWPAP RCU, together with activities to be implemented by other RACs, during the intersessional period and then submitted to the upcoming NOWPAP IGM. Japan supported Dr. Sangjin LEE's comment.

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

44. Dr. Jeong-Hwan OH (MERRAC) reported the progress made for the development of NOWPAP Regional Oil and HNS Spill Contingency Plan (UNEP/IMO/NOWPAP/MERRAC/FPM 16/13). The meeting was informed on the results of internal consultations with relevant competent authorities in respective members on the amendment of the Plan in order to input new paragraph 5.2.2 into the RCP (based upon the decision of the previous 15th MERRAC FPM in 2012).

45. Dr. Se-Jin Park, Representative of Korea, explained the basic purpose of the amendment (paragraph 5.2.2) and strongly requested that the suggested amendment should be accepted in order to ensure efficient exchange of information on oil spill incidents in the region.

46. Japan stated that they fully support the opinion of Korea, stating that the amendment can facilitate the communication in case of oil spill incidents.

47. Dr. Natalia KUTAEVA (Russia) delivered results of their internal consultation with legal advisor, stating that the proposed new paragraph duplicates with the wording of existing text in the paragraph 5.2.1 of RCP and expressed their position that they cannot support the proposed amendment as suggested in the previous draft text of the paragraph 5.2.2.

48. China expressed that they have not yet fully discussed with their relevant authorities as they are under re-organization, and also requested the meeting to clarify the exact definition of 'likely' in the new suggested paragraph 5.2.2 and the actions to be required when a neighboring country requests information on the pollution incident.

49. Following the exchange of each member's view and discussion by informal group of NOWPAP members, it was suggested that the previous suggested paragraph 5.2.2 was merged with existing paragraph 5.2.1 as follows (newly added texts are in underlined bold):

5.2.1. Any polluting incident presenting a potential threat, **which affect or are likely to affect the Action Area of one or more of the NOWPAP members,** should be reported without delay to that Member's appropriate National Operational Contact Point. The initial notification should be followed up as soon as possible with a NOWPAP POLREP. **The NOWPAP Member to be potentially affected by any pollution incident may also request, [with appropriate explanation], to the Member in whose Action Area the pollution incident occurred further relevant information for preparing appropriate countermeasures in advance. The requested Member should provide it as possible as they could.**

50. Dr. Se-Jin Park (Korea) once again described that the basic concept and importance of this suggestion of this amendment is to enhance the interactive communication on oil and HNS spill information among NOWPAP members through the provision of RCP on the procedure to request the relevant information from the other NOWPAP members.

51. The meeting decided the time schedule and the procedures to finalize this revision of RCP as follows: 1) until 15 October 2013, submit the final opinion of MERRAC FPs on whether they can accept this revised texts after their internal consultation with relevant authorities. If any member could not accept it, they have to submit the reasons of their decisions; 2) if there is no consensus on this revision, based upon the revision procedure set in RCP, MERRAC Secretariat will forward this issue to upcoming NOWPAP IGM for their consideration and decision.

The Eighth Competent National Authorities Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan (for Agenda 8 – 10)

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

52. Dr. Jeong-Hwan OH (MERRAC) introduced the progress report on the activities related to NOWPAP Training and Exercise (UNEP/IMO/NOWPAP/MERRAC/FPM 16/14).
53. Mr. Kazuhisa TAKUMI, Representative of Japan, reported the results of the 10th NOWPAP BRAVO Exercise conducted in November 2012 (UNEP/IMO/NOWPAP/MERRAC/FPM 16/14 Annex 1). It was reported to be conducted very smoothly within the allocated time frame.
54. Mr. Hyoung-Jun LEEM, Representative of Korea, also reported the results of the 11th NOWPAP BRAVO exercise conducted in May 2013 (UNEP/IMO/NOWPAP/MERRAC/FPM 16/14 Annex 2). It was pointed out that the exercise was conducted successfully but in order to promote the NOWPAP information system, MERRAC should continue to take a role of an advisor in providing appropriate information on response resources.
55. Mr. Hyoung-Jun LEEM (Korea) also reported on the results of the Fourth NOWPAP DELTA-Joint Oil Spill Response Exercise organized by Korea and China on 18 May 2012 (UNEP/IMO/NOWPAP/MERRAC/FPM 16/14 Annex 3). He concluded that the exercise was successfully conducted and it provided an opportunity to enhance the understanding of oil spill response capability and consolidated active collaboration among the members. It was a useful experience to conduct joint exercises with neighboring countries to be prepared for real situations that may occur.
56. Dr. Natalia KUTAEVA (Russia) informed that 5th NOWPAP DELTA Exercise is planned to be conducted at the first half of September 2014 in Peter the Great Bay, outer Harbor of Vladivostok. She asked NOWPAP members to provide relevant information of the NOWPAP member's ships which are planning to participate in the Exercise including the oil spill response equipment, especially Japan and also other members who can participate in the exercise. The above information needs to elaborate draft scenario of exercise which will be finalized within two months after receiving information in question and be distributed to NOWPAP members for comments.

Agenda item 9. Report of representative of CNAs on issues related to the latest progress in their respective countries

57. Mr. Peng GUO, Representative of China, informed that China National Oil Spill Contingency Plan is in the middle of revision. National response to major marine oil spill incidents from sources on land, ships and offshore facilities are being under the coordination of the Ministry of Transport. China will inform MERRAC of the changes in NCP in order to update the Annex of RCP.

58. Mr. Peng GUO (China) also presented a Case Study on Oil Spill Response when MT “DA QING75” collided with a tug on 29 January 2012. Thirteen cubic meters of heavy fuel oil spilled into sea and local MSA immediately activated marine pollution contingency plan and organized oil spill response. On February 4, the surface oil was cleaned and the response operation was completed. From the experience, China learned that rapid response, scientific methods, professional clean-up, mobility of clean-up equipment, and satellite remote-sensing technique played an important role in a successful clean-up.
59. Dr. Natalia KUTAEVA (Russia) gave a presentation on the reorganization of SMPCSA. The reorganization is composed of 3 stages and the first stage was completed. She explained the organizational and functional structure of the SMPCSA after the reorganization, which will be composed with five sea basins including Baltic Sea, Azov-Black Seas, Arctic Seas, Caspian Sea, and Far-Eastern Sea basins.
60. Mr. Kazuhisa TAKUMI (Japan) introduced privatization of the Maritime Disaster Prevention Center (MDPC), the independent administrative institution supported by the government. According to the cabinet decision, the center will be dissolved as a general incorporated foundation on 1st October 2013. And the new center will succeed staff, facilities and equipment from the current center and as well as duties from the current center. It is expected to improve the capability for disaster prevention, enhance the environmental disaster prevention consciousness of the citizen, and reinforce the disaster prevention system.
61. Mr. Hyoung-Jun LEEM (Korea) made a presentation on Oil Spill Response Stockpile Facilities established to provide oil spill cleanup equipment and materials promptly and to manage the national disaster response system efficiently. The stockpile facilities were strategically placed on the east, west and south coasts of the Republic of Korea, where major oil refining complexes are located. The facilities assure stable supply of oil spill response resources to be used for the initial 7 days of a marine pollution incident, which will significantly enhance oil spill preparedness and response.

Agenda item 10. Discussion on the efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan

62. It was reported by the MERRAC secretariat that it would be better to discuss this topic at the next meeting in connection with the Specific Project on self-assessment on questionnaire of assistance procedures and systems under the Plan, because the Specific Project will identify the future actions and/or activities to be made in order to increase efficiency of implementation of the Plan.

Agenda item 11. Discussion on the Medium-term Strategy (MTS) for MERRAC activities and potential collaborative areas with other RACs and organizations

63. Dr. Sangjin LEE (NOWPAP RCU) made a presentation on the progress of the implementation of the NOWPAP MTS 2012-2017 (UNEP/IMO/NOWPAP/MERRAC/FPM 16/17), and suggested MERRAC to consider several indicative activities including ballast water and climate change (related to CO₂ emissions from ships) as well as oil and HNS issues.
64. Dr. KUTAEVA (Russia) stated that matters concerning CO₂ emissions from ships should not be included in the MERRAC activities to avoid duplication with IMO activities.
65. China, Japan and Korea expressed their position that they could not support to launch new projects such as CO₂ emissions from ships and ballast water issues due to the limited amount of budget and lack of relevant expertise of some MERRAC FPs on these issues in their respective country.
66. Regarding the aforementioned activities on ballast water and climate change, the meeting shared the opinions that MERRAC would better concentrate on oil and HNS issues due to budget constraints and current MERRAC FPs relevant expertise. After lengthy discussion, the meeting recommended MERRAC and NOWPAP RCU to deliver to the NOWPAP IGM their opinions that MERRAC has limitations to implement new MERRAC related tasks under the MTS due to limitation and constraints of available resources and budget of MERRAC to cover these new tasks, and mismatching of current FPs' expertise to cover new tasks.
67. Dr. Choong-Ki Kim (MERRAC) made a presentation on Medium-Term Strategy of MERRAC activities for 2014-2017 introducing early ideas for the project concepts and better operational arrangements for MERRAC (UNEP/IMO/NOWPAP/MERRAC/FPM 16/17 Annex 1). The meeting noted that further detailed consideration should be made during the intersessional period after the revision of the proposals, only focusing on oil and HNS spill issues. The proposed ideas to be considered during the intersessional period are as follows:

<Potential Projects>

- Establishment of DB on Real-time Response Equipment and Experts
- Risk Assessment of Oil and HNS spills in the NOWPAP region
- Establishment of Web GIS-based NOWPAP oil spill response exercise program
- Information sharing system on oil spill monitoring data
- Establishment of oil and HNS spill prediction system
- Establishment of Gaseous HNS Prediction System
- Establishment of HNS information NETWORK System

<Efficient operational arrangement>

- Organization of an independent CNA meeting for implementation of RCP
- Dispatching an expert from NOWPAP members to MERRAC

68. The meeting agreed to discuss again above ideas at the next MERRAC FPM, after further modifications based upon the comments of MERRAC FP during the intersessional period.
69. Dr. Choong-Ki KIM (MERRAC) introduced the progress report on Developing Oil Spill Preparedness through the IMO-IPIECA Global Initiative (GI) Programme in the NOWPAP Region. (UNEP/IMO/NOWPAP/MERRAC/FPM 16/18).
70. Mr. Peng GUO (China) presented the major results of the IMO/IPIECA/China GI Workshop held in Qingdao, China, from 19 to 21 June 2012 (UNEP/IMO/NOWPAP/MERRAC/FPM 16/18 Annex 2). The Workshop focused on the key challenges in the response to marine oil spills and decided to launch the GI China Programme. Based on the areas of cooperation identified by the Workshop, a biennial program of joint activities was adopted, which includes seminars, training courses, personnel exchange between Chinese agencies and IPIECA.
71. Dr. Choong-Ki KIM (MERRAC) presented Potential GI Activities for the NOWPAP Region on behalf of IMO (UNEP/IMO/NOWPAP/MERRAC/FPM 16/18 Annex 1). IMO suggested initiating a regional meeting between NOWPAP, IMO and IPIECA to develop a GI for the NOWPAP Region through IMO. IMO proposed to generate new Steering Group by expanding stakeholders on oil spill preparedness and response issues. The Steering Group will address the “common concerns” such as relevant aspects of the operational contingency plans at all levels and the conduction of a specific training and exercise
72. Dr. Choong-Ki KIM (MERRAC) made a presentation on potential GI Activities for the NOWPAP Region, which includes organization of government and private joint workshop, network of stand-by marine pollution response vessel, and management and training system for the utilization of volunteers (UNEP/IMO/NOWPAP/MERRAC/FPM 16/18 Annex 3). He mentioned that potential financial commitment from the local oil and gas industry is essential in order to initiate the NOWPAP GI. Therefore, IPIECA is looking for potential support from the local industries who are interested in NOWPAP GI.
73. Pointing out that IMO-IPIECA GI Introductory Workshop was held in 2012, Dr. Sangjin LEE (NOWPAP RCU) expressed concern about no solid progress in GI Activities in this region, and suggested to set a work plan and proceed accordingly if the member states agree to proceed.
74. Korea also expressed their concerns about the insufficient support from IPIECA to launch the GI project in NOWPAP region, based on the discussions made with IPIECA on the NOWPAP

MERRAC proposal submitted during the intersessional period.

75. After the discussion, it was recommended that MERRAC contacts IMO and IPIECA again during the intersessional period in order to confirm their willingness to launch NOWPAP GI project.

Agenda item 12. Discussion on the organization of the NOWPAP MERRAC Expert Meeting (to be held in China, 2013)

76. Dr. Jeong-Hwan OH (MERRAC) introduced general progress report on the organization of NOWPAP MERRAC Expert Meeting (UNEP/IMO/NOWPAP/MERRAC/FPM 16/19).
77. Mr. Peng GUO (China) was invited to present the draft plan for the organization of the Expert Meeting to be hosted by China (UNEP/IMO/NOWPAP/MERRAC/FPM 16/19 Annex 1). It was informed that the meeting will be held on 15-18 October 2013, in Qingdao, Shandong Province, the People's Republic of China.
78. Considering budget constraints, the meeting suggested reducing the number of days of the meeting and adjusting the agenda accordingly. China agreed to work with MERRAC Secretariat during the intersessional period to rearrange the schedule and inform other members as soon as possible. .
79. In closing, the meeting agreed that MERRAC will have close communication with China MSA on the preparation of the planned Expert Meeting during the intersessional period.

Agenda item 13. Discussion on the proposed work plan and budget for the MERRAC activities for the 2014/2015 biennium

80. Dr. Jeong-Hwan OH (MERRAC) proposed the draft workplan and budget of MERRAC for the 2013-2014 biennium (UNEP/IMO/NOWPAP/MERRAC/FPM 16/20) which include three options for next biennium budget. He explained the three options: the first option with the total budget scale of USD 130,000, second option with USD 135,000 and third option with USD 157,000, including USD 10,000 in each budget scale for RAP MALI. The difference in the budget had been calculated depending on the specific projects.
81. The meeting agreed to submit three options for consideration for the next biennium hoping that the third option will be approved. The revised workplan and budget for 2014-2015 are attached in **Annex IV** and **Annex V**, respectively.

82. It was also informed that potential projects and new operational arrangements will be considered in making detailed workplan and budget at the next MERRAC FPM based upon the approval of the NOWPAP IGM.

Agenda item 14. Arrangement of intersessional work and venues and dates of the Seventeenth NOWPAP MERRAC Focal Points Meeting and the Ninth Competent National Authorities for NOWPAP Regional Oil and HNS Spill Contingency Plan

83. MERRAC informed members that the Seventeenth Focal Points Meeting will be held in May or June 2014, possibly in Daejeon and stated that the exact venue and dates of the meeting will be decided based upon the progress of the work during the intersessional period.

Agenda item 15. Other matters

84. No other issues were raised under this agenda item.

Agenda item 16. Adoption of the report of the meeting

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

Agenda item 17. Closure of the meeting

86. After customary exchange of courtesies, the Chairperson declared the meeting closed at 18:00 on Thursday, 20 June 2013.

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

Annex VII List of files in the CD-ROM

Annex I

List of Participants

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

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Annex II

List of Documents

Annex II. List of documents for the Sixteenth MERRAC Focal Points Meeting and the Eighth Competent National Authorities Meeting

Working Documents

UNEP/IMO/NOWPAP/MERRAC/FPM 16/1	Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 16/2	Annotated Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 16/3	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 16/4	Report on Activities of IMO Made After the Fifteenth MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 16/5	Report on MERRAC Activities Made After the Fifteenth MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 16/6	Report on the Annual Expenditure of MERRAC Budget for the 2012/2013 Biennium
UNEP/IMO/NOWPAP/MERRAC/FPM 16/7	Report on the Focal Points
UNEP/IMO/NOWPAP/MERRAC/FPM 16/8	Report on the Information System
UNEP/IMO/NOWPAP/MERRAC/FPM 16/9	Report on Oil and HNS Spill Incidents
UNEP/IMO/NOWPAP/MERRAC/FPM 16/10	Progress Report on the Implementation of the MERRAC Specific Projects
UNEP/IMO/NOWPAP/MERRAC/FPM 16/11	Implementation of the NOWPAP RAP

UNEP/IMO/NOWPAP/MERRAC/FPM 16/12	MALI Report of MERRAC Activities on RAP MALI
UNEP/IMO/NOWPAP/MERRAC/FPM 16/13	Revision and/or Amendment of NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 16/14	Report on the NOWPAP Training and Exercise
UNEP/IMO/NOWPAP/MERRAC/FPM 16/15	Latest Progress Report on the Oil and HNS Pollution Preparedness and Response in the NOWPAP Region
UNEP/IMO/NOWPAP/MERRAC/FPM 16/16	Discussion on Efficient Implementation of the NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 16/17	Discussion on the draft Medium-term Strategy of MERRAC Activities under the Framework of NOWPAP
UNEP/IMO/NOWPAP/MERRAC/FPM 16/18	Discussion on the Developing Oil Spill Preparedness through the IMO-IPIECA Global Initiative (GI) Programme
UNEP/IMO/NOWPAP/MERRAC/FPM 16/19	Progress Report on the Organization of MERRAC Expert Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 16/20	Draft Workplan and Budget of MERRAC Activities for the 2014/2015 Biennium
UNEP/IMO/NOWPAP/MERRAC/FPM 16/21	Draft Arrangements of the Existing Tasks and Identification of Additional Tasks for Intersessional Works (to be updated)

Reference Documents

UNEP/IMO/NOWPAP/MERRAC/FPM 16/INF1	List of Documents
UNEP/IMO/NOWPAP/MERRAC/FPM 16/INF2	Time Schedule
UNEP/IMO/NOWPAP/MERRAC/FPM 16/INF3	List of Participants
UNEP/IMO/NOWPAP/MERRAC/FPM 16/INF4	Logistic information
UNEP/IMO/NOWPAP/MERRAC/FPM 15/21	Report of the 15th NOWPAP MERRAC Focal Points Meeting and the 7th Competent National Authorities Meeting (Yeosu, 14-18 May 2012)
UNEP/NOWPAP IG. 17/9	Report of the 17th Intergovernmental Meeting of the Northwest Pacific Action Plan (Jeju, Republic of Korea, 1-2 November 2012)

Annex III

Agenda

Annex III. Agenda of the Sixteenth NOWPAP MERRAC Focal Points Meeting and the Seventh Competent National Authorities Meeting

The Sixteenth NOWPAP MERRAC Focal Points Meeting and the Eighth Competent National Authorities 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

The Sixteenth NOWPAP MERRAC Focal Points Meeting

4. Overview of the progress made during the intersessional period after the Fifteenth NOWPAP MERRAC Focal Points 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 activities and the budget expenditures made during intersessional period after the Fifteenth NOWPAP MERRAC Focal Points Meeting
5. Review of the progress made for each task agreed at the Fifteenth NOWPAP MERRAC Focal Points Meeting, and identification of future work
 - 5.1. Routine Tasks
 - Focal Points
 - Information system (equipment, institutions, experts, and performance standards)
 - Report on oil and HNS pollution incidents
 - 5.2. Specific Projects

(A representative of leading country or the leading expert for each project will be invited to report the results)

 - Legislation and Practice on Marine Pollution Damage Civil Liability

- and Compensation (China)
 - Development of Practical Assistance Procedure and System under the RCP (MERRAC)
 - Development of Manual on Conduction of Oil Spill Response Operational Exercise (Russia and China)
 - Development of Pamphlet on HNS Database and Spill Response in the NOWPAP Region (MERRAC)
6. Sea-based marine litter activities
- 6.1. Report of implementation and workplan of the NOWPAP Regional Action Plan on Marine Litter (RAP MALI)
 - 6.2. Report of MERRAC activities on the implementation of NOWPAP RAP MALI and discussion on the future work
7. Discussion on revision and/or amendment of NOWPAP Regional Oil and HNS Contingency Plan, including its Annexes (*if any, to be submitted in written form with explanation 6 weeks prior to the meeting through MERRAC Secretariat*)
- Final decision on the amendment to the Plan (paragraph 5.2.2)

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

8. Report and discussion on the NOWPAP training and exercises carried out during the last intersessional period and to be held in the near future
- 8.1. Report of the 10th NOWPAP BRAVO Exercise, 2012, Japan
 - 8.2. Report of the 11th NOWPAP BRAVO Exercise, 2013, Korea
 - 8.3. Report of the 4th NOWPAP DELTA-Joint Oil Spill Response Exercise, held in Korea, 2012
 - 8.4. Report on the draft plan of the 5th NOWPAP DELTA to be held in Russia, 2014
 - 8.5. Future plan on NOWPAP training and exercise
9. Report of the representatives of CNAs on issues related to latest progress in their respective countries
- National Contingency Plans
 - Case Studies of Recent National Oil/HNS Spills
 - National/Sub-regional Training and Exercises

- Others

10. Discussion on efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan

The Sixteenth NOWPAP MERRAC Focal Points Meeting

11. Discussion on the MERRAC activities under the NOWPAP MTS for 2014-2017 and potential collaborative areas with other RACs and organizations
 - 11.1. Report on the progress of the NOWPAP Medium-term Strategy (MTS) 2012-2017 discussed at the Seventeenth NOWPAP Intergovernmental Meeting (to be reported by NOWPAP RCU, tentatively)
 - 11.2. Discussion on future activities of MERRAC under the NOWPAP MTS
 - 11.3. Development of oil spill preparedness and response through the IMO-IPIECA Global Initiative (GI) Programme
 - Global Initiative (GI) Programme in the NOWPAP Region
12. Discussion on the organization of the NOWPAP MERRAC Expert Meeting (to be held in China, 2013)
 - 12.1. Report on the draft plan for the organization of the Expert Meeting to be hosted by China
13. Discussion on the proposed work plan and budget for the MERRAC activities for the 2014/2015 biennium
14. Arrangement of intersessional work and venues and dates of the Seventeenth NOWPAP MERRAC Focal Points Meeting and the Ninth Competent National Authorities for NOWPAP Regional Oil and HNS Spill Contingency Plan
15. Other Matters
16. Adoption of the report of the Meeting
17. Closure of the Meeting

🚩 Side event organized in conjunction with the 16th MERRAC FPM

Visit to the Korea Coast Guard headquarters and their stockpile storage facility

- Time & Venue: 21 June 2013, Daesan, Republic of Korea
- The tour was organized by Korea Coast Guard (KCG)

Annex IV

Draft workplan for MERRAC Activities for the 2014/2015 biennium

Annex IV. Draft workplan for MERRAC Activities for the 2014/2015 biennium

Date	Activities	Responsible Organizations
~ 2014	NOWPAP BRAVO exercise, Russia	Leading country, NOWPAP Members, MERRAC
May ~ June 2014	17th NOWPAP MERRAC Focal Points Meeting and 9th Competent National Authorities Meeting	MERRAC, NOWPAP RCU, UNEP, IMO
~	Intersessional work	Leading country, MERRAC
~ 2014	NOWPAP BRAVO exercise, Japan	Leading country, NOWPAP Members, MERRAC
Sept 2014	5th NOWPAP DELTA (Joint Oil Spill Exercise) regarding the marine pollution preparedness and response, Russia	Lead country, NOWPAP Members, MERRAC, NOWPAP RCU, UNEP, IMO
~ 2014 or 2015	An expert meeting on the technical issues regarding the marine pollution preparedness and response in the NOWPAP region (date and venue to be determined)	Host Country(Russia), MERRAC, NOWPAP RCU, UNEP, IMO, NOWPAP Members
~ 2015	NOWPAP BRAVO exercise, Korea	Leading country, NOWPAP Members, MERRAC
May ~ June 2015	18th NOWPAP MERRAC Focal Points Meeting and 10th Competent National Authorities Meeting	MERRAC, NOWPAP RCU, UNEP, IMO
~	Intersessional work	Leading country, MERRAC
~ 2015	NOWPAP BRAVO exercise, China	Leading country, NOWPAP Members, MERRAC
~	Intersessional work	Leading country, MERRAC
Jan 2014 ~ Dec 2015	Implementation of specific projects on scientific and technical issues, such as oil and HNS, marine litter, etc. (For implementation subject to the decision of IGM & FPM and availability of budget)	Leading country, MERRAC, UNEP, IMO

Annex V

Proposed Budget for MERRAC activities for the 2014/2015 Biennium

Annex V. Proposed Budget for MERRAC activities for the 2014/2015 Biennium**(a) In case of US\$ 130,000**

Activities	Budget (US\$)		
	2014	2015	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	26,000	26,000	52,000
2. Expert Meeting (to be hosted by Russia) - Technical issues regarding the marine pollution preparedness and response in the NOWPAP region (e.g. Oil & HNS issue)	24,000	-	24,000
3. Specific projects (tentative) - Real-time DB on response equipment & experts - Risk assessment of oil and HNS spills in the NOWPAP region - Web-GIS based NOWPAP oil spill response exercise program - Information sharing system on oil spill monitoring data - Oil and HNS spill prediction system - Gaseous HNS prediction system - HNS information NETWORK system - Others (subject to the decision of IGM & FPM)	20,000		20,000
4. Coordination with IMO/UNEP and Regional Seas - NOWPAP IGM - OPRC-HNS TG Meeting - Other Regional Activities Center - 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 (organized by Russia)	(In-kind)		(In-kind)
Sub-total	72,000	48,000	120,000
7. MERRAC activities on RAP MALI (tentative) - A study on cross-border application of best practices on ML management among NOWPAP members - Understanding of floating ML distribution and impacts in the NOWPAP region	6,000 4,000		10,000
Sub-total	10,000		10,000
Total	77,000	53,000	130,000

(b) In case of US\$ 135,000

Activities	Budget (US\$)		
	2014	2015	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	26,000	26,000	52,000
2. Expert Meeting (to be hosted by Russia) - Technical issues regarding the marine pollution preparedness and response in the NOWPAP region (e.g. oil & HNS issue)	24,000	-	24,000
3. Specific projects (tentative) - Real-time DB on response equipment & experts - Risk assessment of oil and HNS spills in the NOWPAP region - Web-GIS based NOWPAP oil spill response exercise program - Information sharing system on oil spill monitoring data - Oil and HNS spill prediction system - Gaseous HNS prediction system - HNS information NETWORK system - Others (subject to the decision of IGM & FPM)	25,000		25,000
4. Coordination with IMO/UNEP and Regional Seas - NOWPAP IGM - OPRC-HNS TG Meeting - Other Regional Activities Center - 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 (organized by Russia)	(In-kind)		(In-kind)
Sub-total	74,500	50,500	125,000
7. MERRAC activities on RAP MALI (tentative) - A study on cross-border application of best practices on ML management among NOWPAP members - Understanding of floating ML distribution and impacts in the NOWPAP region	6,000 4,000		10,000
Sub-total	10,000		10,000
Total	79,500	55,500	135,000

(c) In case of US\$ 157,000

Activities	Budget (US\$)		
	2014	2015	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	26,000	26,000	52,000
2. Expert Meeting (to be hosted by Russia) - Technical issues regarding the marine pollution preparedness and response in the NOWPAP region (e.g. Oil & HNS issue)	24,000	-	24,000
3. Specific projects (tentative) - Real-time DB on response equipment & experts - Risk assessment of oil and HNS spills in the NOWPAP region - Web-GIS based NOWPAP oil spill response exercise program - Information sharing system on oil spill monitoring data - Oil and HNS spill prediction system - Gaseous HNS prediction system - HNS information NETWORK system - Others (subject to the decision of IGM & FPM)	47,000		47,000
4. Coordination with IMO/UNEP and Regional Seas - NOWPAP IGM - OPRC-HNS TG Meeting - Other Regional Activities Center - 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 (organized by Russia)	(In-kind)		(In-kind)
Sub-total	85,500	61,500	147,000
7. MERRAC activities on RAP MALI (tentative) - A study on cross-border application of best practices on ML management among NOWPAP members - Understanding of floating ML distribution and impacts in the NOWPAP region	6,000 4,000		10,000
Sub-total	10,000		10,000
Total	90,500	66,500	157,000

Annex VI

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

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

1. Routine Tasks 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 amendments (especially on Korean proposal) - 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 only focused on offshore oil spill incidents - Provide members enough time to review the updated information well in advance 	<ul style="list-style-type: none"> - Prompt sharing information and cooperation - Updated database on oil and HNS spills in NOWPAP region on 15th May every year
4. Information System	MERRAC and NOWPAP Members	<ul style="list-style-type: none"> - Update information of oil and HNS spill response equipment, institutions and experts - 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
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 	<ul style="list-style-type: none"> - Carried out two NOWPAP BRAVO exercises - Improvement of communication system - Improved response capacity to oil and HNS

		<p>a rotation basis</p> <ul style="list-style-type: none"> - Facilitate the development and planning of joint training and exercise led by Russia - Maintain and facilitate routine communication links between relevant authorities in NOWPAP region 	<p>spill</p> <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
6. Communications	MERRAC		
7. Other Routine Tasks as described by the TOR of MERRAC or decided upon by the FPM and/or IGM	MERRAC		

2. Specific projects and/or activities coordinated by MERRAC during the intersessional period

Tasks	Lead Country / Agency	Actions	Expected Outputs
<p>1. Legislations and Practice on Marine Pollution Damage Civil Liability and Compensation</p>	<p>China</p>	<ul style="list-style-type: none"> - Revise minor amendments regarding the conventions applicable on compensation for damage by ship pollution - Possibly add more information on domestic laws and practices - Publish in a hard copy as a MERRAC technical report within 1 or 2 months after the Meeting - Submit the final report after editorial revision to the next MERRAC FPM 	<ul style="list-style-type: none"> - A hard copy of the final report on the legislations and practice related to civil liability and compensation for marine pollution damage from ships in NOWPAP region as a MERRAC technical report
<p>2. Development of Practical Assistance Procedure and System under the RCP</p>	<p>MERRAC</p>	<ul style="list-style-type: none"> - Clarify the purpose of the questionnaire and the definition of the level of the preparedness - Recirculate the updated questionnaire within 2 months - Continue to survey on the level of preparedness and report the result to the next FPM 	<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
<p>3. Manual on Conduction of Oil Spill Response Operational Exercise</p>	<p>Russia and China</p>	<ul style="list-style-type: none"> - Add practical examples in Annexes and the history of NOWPAP exercises - Submit the draft final manual to MERRAC for final consideration at the next FPM 	<ul style="list-style-type: none"> - Developed Manual of preparing and conduction oil spill response operational exercise - Harmonized and unified process of preparing and conduction of NOWPAP DELTA - Improved management of oil spill response forces and equipments of participating member states

<p>4. Development of Pamphlet on HNS Database and Spill Response</p>	<p>MERRAC</p>	<ul style="list-style-type: none"> - Clarify the target users - Add more information on HNS spill incidents and further consider each member's different notification system and relevant laws and offenses - Submit the revised pamphlet to the next FPM 	<ul style="list-style-type: none"> - Better practical, operational use for the relevant operators on HNS - Development of the draft pamphlet
<p>5. Global Initiative (GI) Programme in the NOWPAP Region</p>	<p>MERRAC (IMO/IP/IECA)</p>	<ul style="list-style-type: none"> - Prepare questionnaire including the list of potential industries, initial action and activities to be implemented through GI - Circulate the questionnaire for further consideration - Contact with IMO and other regional organization for further implementation 	<ul style="list-style-type: none"> - Developed draft work plan to be dealt with in NOWPAP through GI Programme
<p>6. RAP MALI</p>	<p>MERRAC</p>	<ul style="list-style-type: none"> - Carry out the activities designated to MERRAC under the RAP MALI, e.g. development of a case study report on best practices on marine litter from fisheries and aquaculture including shipping and cruise liners - Collect the relevant information on the case studies on the best practices and prepare a summary report 	<ul style="list-style-type: none"> - Sharing the information on best practices on marine litter from fisheries and aquaculture including shipping and cruise liners - Development of a summary report
<p>7. Development of a plan for MERRAC activities Under the NOWPAP MTS (2012-2017)</p>	<p>MERRAC</p>	<ul style="list-style-type: none"> - Make the detailed proposal considering the objectives, budget information, and appropriate project titles - Circulate them to NOWPAP members for their comments - Discuss the updated plan at the next FPM 	<ul style="list-style-type: none"> - Preparing potential MERRAC plan to be covered under NOWPAP Medium-term Strategy 2012-2017 - A list of potential MERRAC Specific Projects - Plans for efficient operational of MERRAC
<p>8. Other Specific projects as described by the TOR of MERRAC or decided upon by the FPM and/or IGM</p>	<p>MERRAC</p>	<p>-</p>	<p>-</p>

Annex VII

List of the files in the CD-ROM

Annex VII. List of files in the CD-ROM

- 1) Report of the Sixteenth NOWPAP MERRAC Focal Points Meeting & the Eighth Competent National Authorities Meeting (Incheon, Republic of Korea, 17-21 June 2013)

Agenda 4. Overview of the progress made during the intersessional period

- 2) Report on MERRAC Activities and Expenditure in 2012 (Dr. Jeong-Hwan OH, MERRAC)

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

- 3) Focal Points (Ms. Jung-Hyun LIM, MERRAC)
- 4) Information System (Ms. Jung-Hyun LIM, MERRAC)
- 5) Oil and HNS Spill Incidents (Ms. Jung-Hyun LIM, MERRAC)
- 6) MERRAC Specific Projects (Dr. Jeong-Hwan OH, MERRAC)
- 7) Legislations and Practice on Marine Pollution Damage Civil Liability and Compensation (Mr. Chungchang ZHANG, China)
- 8) Development of Practical Assistance Procedure and System under the Plan (Dr. Choong-Ki KIM, MERRAC)
- 9) Development of Manual on Conduction of Oil Spill Response Operational Exercise (Dr. Natalia KUTAEVA, Russia)
- 10) Development of Pamphlet on HNS Database and Spill Response in the NOWPAP Region (Ms. Jung-Hyun LIM, MERRAC)

Agenda 6. Sea-based marine litter activities

- 11) Report on MERRAC RAP MALI Activities and Discussion of Future Work (Ms. Yoon Young BACK)

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

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

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

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

Agenda 9. Report of CNA representatives on issues related to latest progress

- 14) Case Study on Oil Spill Response of MT "DA QING 75" (Mr. Peng GUO, China)
- 15) Reorganization of SMPCSA (Dr. Natalia KUTAEVA, Russia)
- 16) Privatization of the Maritime Disaster Prevention Center (Mr. Kazuhisa TAKUMI, Japan)

Agenda 11. Discussion on the Medium-term Strategy for MERRAC activities and other co-operative issues

- 17) Progress Report on Implementation of the NOWPAP MTS 2012-2017 (Dr. Sangjin LEE, NOWPAP RCU)
- 18) Medium-term Strategy of MERRAC Activities for 2014-2017 (Dr. Choong-Ki KIM, MERRAC)
- 19) GI Programme in the NOWPAP Region (Dr. Choong-Ki KIM, MERRAC)

Agenda 12. Discussion on the organization of the NOWPAP MERRAC Expert Meeting (to be held in China, 2013)

- 20) NOWPAP MERRAC Expert Meeting (Dr. Jeong-Hwan OH, MERRAC)

Agenda 13. Discussion on the proposed work plan and budget for the MERRAC activities for the 2014/2015 biennium

- 21) Workplan and budget of MERRAC Activities for 2014-2015 (Dr. Jeong-Hwan OH, MERRAC)

