

# NOWPAP MERRAC

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



P.O. Box 23, Yuseong, Daejeon 305-343, Republic of Korea  
(c/o KRISO)  
Tel: (+82-42) 866-3638, FAX: (+82-42) 866-3630  
E-mail: [nowpap@kriso.re.kr](mailto:nowpap@kriso.re.kr)  
Website: <http://merrac.nowpap.org>

## **Report of the 17<sup>th</sup> NOWPAP MERRAC Focal Points Meeting & the 9<sup>th</sup> Competent National Authorities Meeting**

MERRAC, Daejeon, Republic of Korea  
11-13 June 2014



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## **Report of the 17<sup>th</sup> NOWPAP MERRAC Focal Points Meeting & the 9<sup>th</sup> Competent National Authorities Meeting**

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

(Daejeon, Republic of Korea, 11-13 June 2014)

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 eighteenth NOWPAP IGM (2013) approved the work plan and budget for MERRAC activities for the 2014/2015 biennium and decided to allocate USD 131,000 to each of the NOWPAP RACs including USD 6,000 for the MERRAC activities within the NOWPAP RAP MALI (Regional Action Plan on Marine Litter). The NOWPAP POW 2014-2015 was approved.

8. Based upon the agreement of the sixteenth NOWPAP MERRAC FPM and the eighth CNA Meeting, the seventeenth NOWPAP MERRAC FPM and the ninth CNA Meeting were held in June 2014. The list of participants of the meeting is attached in **Annex I**.

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

9. The meeting was opened at 10:00 a.m. on 11 June 2014 in Daejeon, Korea by Dr. Seong-Gil KANG, Director of MERRAC. He extended a warm welcome to all participants of the meetings including NOWPAP MERRAC Focal Points, representatives from IMO and RCU and special guests from International Tanker Owners Pollution Federation (ITOPF) and Oil Spill Response (OSR). He started his welcoming address by a brief background and the history of the MERRAC Secretariat and mentioned that the activities of MERRAC have achieved substantial results since its establishment in 2000 especially the development of the NOWPAP Regional Oil and HNS Spill Contingency Plan. By mentioning the recent maritime incident occurred in Korea, he underlined the importance of the regional cooperation and members' contribution to the regional activities. In closing his remarks, he emphasized that there are various important agenda items to be dealt during the meetings and requested the members' active involvement and contribution to the meetings.

10. Mr. Chunchang ZHANG, Deputy Director of Yantai Oil Spill Response Technical Center, China, expressed his sincere condolences to the victims of the Saewol ferry tragedy and also appreciation to the MERRAC Secretariat for successfully organizing the meeting.

11. Dr. Natalia KUTAEVA, Counselor to the Director of State Marine Emergency and Rescue Coordination Service of the Russian Federation (SMRCS, former SMPCSA), also expressed her deepest condolences to the victims. She thanked the MERRAC Secretariat for organizing the meetings in a short period of time due to the late approval of the budget. She emphasized that the meeting is important as the members are to decide the future directions.

12. Mr. Makoto TATSUMIYA, Director of International Marine Pollution Prevention of Marine Environment Protection and Disaster Prevention Division, Japan Coast Guard, expressed his sincere appreciation to the MERRAC Secretariat for organizing the meetings. He also sent the deepest condolences and the sympathy to the families of the victims. By closing his opening remarks, he emphasized on the importance of the regional cooperation and said he hopes for continuous cooperation among the members.

13. Mr. Hyeong-Man KIM, Director of Division of Marine Pollution Response Planning, Marine Pollution Response Bureau, Korea Coast Guard, expressed his appreciation to the MERRAC Secretariat and noted that they look forward to achieving practical results during the meetings and also a closer relationship among members in the future.

14. Mr. Xiaodong ZHONG, NOWPAP Deputy Coordinator, mentioned in his remarks that the meeting is to review the progress made during the intersessional period and also to discuss on how the NOWPAP MERRAC is going to implement the activities. He wished the meetings a success with fruitful results through active participation of the focal points and experts.

15. Mr. James PAW, Programme Coordination Officer of International Maritime Organization (IMO) was invited to give a welcome remark on behalf of IMO's Secretary-General. In his remark, he expressed condolences to the victims of the ferry incident and emphasized the importance of the safety of human life at sea. On other matters, he pointed that the oil spill conference held in May 2014 in Savannah (USA) was a good opportunity to share knowledge and experience on oil spill response. He encouraged the NOWPAP Members to continue to carry out joint exercises to build stronger cooperation as well as the enhancement of regional capacity.

16. Mr. Richard H. JOHNSON, Technical Director of ITOPF, was also invited to give an introductory remark. He said that it is his first participation to the NOWPAP meetings and expressed his appreciation for kind invitation. He congratulated the members for the achievements and close regional cooperation. He also expressed his sympathy and condolences to the victims of the Saewol ferry incident.

17. Mr. Kiew Hock Thiam, Operations Manager of OSR, expressed his sincere condolences to the victims of the Saewol ferry tragedy and pointed out that a closer regional cooperation is needed to achieve a safer maritime environment.

18. The representatives from CEARAC and POMRAC were invited to give opening remarks. They emphasized the importance of the collaboration between the RACs and wished for successful meetings.

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

19. In accordance with the Terms of Reference of the NOWPAP MERRAC Focal Points Meeting, the participants were invited to elect a Chairperson and a Rapporteur. The meeting unanimously agreed to elect the following officers:

Chairperson: Mr. Tetsuya YAMAJI, Professor of Department of Maritime Police, Japan Coast Guard Academy (JCGA)

Rapporteur: Mr. Hyoungjun LEEM, Assistant Director, Division of Marine Pollution Response Planning, Marine Pollution Response Bureau, Korea Coast Guard, (KCG)

20. 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 and agreed that English will be the working language.

21. The Director of MERRAC presented the list of documents (**Annex II**) and the logistical information. He also briefly explained the emergency evacuation procedure.

**Agenda item 3. Adoption of the agenda**

22. The Director of MERRAC introduced the Provisional Agenda (UNEP/IMO/NOWPAP/MERRAC/FPM 17/1) and the Annotated Provisional Agenda (UNEP/IMO/NOWPAP/MERRAC/FPM 17/2) and the meeting adopted the agenda as shown in **Annex III**.

23. Mr. Xiaodong ZHONG (RCU) gave a remark that there are too many meeting documents and recommended to combine or incorporate documents together under each agenda item. He also commented that the Annexes should not be filed as separate documents from the main meeting documents.

24. The Director of MERRAC fully agreed that there is a need to reduce the general quantity of the documents but he emphasized that there are issues to be discussed under different agenda items for the efficiency of the Meeting. In response, Mr. Xiaodong ZHONG suggested combination of the similar agenda items as well.

**Agenda item 4. Overview of the progress made during the intersessional period after the sixteenth NOWPAP MERRAC Focal Points Meeting**



25. Upon the invitation of the Chairperson, Mr. Xiaodong ZHONG presented the progress of the activities of the other three RACs which were carried out during the intersessional period (UNEP/IMO/NOWPAP/MERRAC/FPM 17/3). In the overview of the activities related to building partnerships, he mentioned that with the IMO observer status MERRAC will be actively participating in the IMO activities on behalf of NOWPAP. He pointed out that NOWPAP has achieved fruitful results through RAP MALI activities and mobilized additional resources to support NOWPAP activities such as GPA funds for development of marine litter reports and brochures. He also mentioned that the work plan of 2014-2015 and budget of 2014 have been approved by the eighteenth NOWPAP IGM and the 2015 budget will be decided at the nineteenth NOWPAP IGM (2014). He also briefly explained that an Extraordinary IGM was held to discuss mainly the restructuring of the RCU due to the difficulties of the hosting countries to increase their contributions in support of the RCU offices.

26. Mr. James PAW (IMO) reported on the Activities of the International Maritime Organization on Marine Pollution Preparedness and Response (UNEP/IMO/NOWPAP/MERRAC/FPM 17/4) and in particular, the outcomes of IMO's MEPC Meetings, including the Technical Group meeting on Protocol on Preparedness, Response and Co-operation to pollution incidents by Hazardous and Noxious Substances (OPRC-HNS TG) at its final session (TG 16). On the TG 16 outcome, Mr. Paw reported in the ongoing revision of some manuals and guidance documents such as the IMO Dispersant Guidelines, International Offers of Assistance Guidelines, Guide in Oil Spill Response in Ice and Snow Conditions, among others, which will be completed in 2015 for consideration by the Pollution Prevention and Response Sub-Committee with the view to approval for publication by MEPC. He also briefed the Meeting on training, information services and exchanges activities carried out by IMO as well as on the status of ratification of IMO Conventions.

27. The Director of MERRAC mentioned that although there is an agreement of cooperation between UNEP and IMO to support the NOWPAP activities especially the MERRAC activities, MERRAC was not yet able to submit any documents to the OPRC-HNS TG. He pointed out that with IMO observer status, MERRAC will make efforts to actively participate in the IMO meetings in the future, for instance, through the submission of documents on MERRAC activities to the Pollution Prevention and Response (PPR) Sub-Committee meetings.

28. Upon the invitation of the chairperson, the Director of MERRAC reported on the MERRAC activities made after the sixteenth MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM/17/5). He also presented the annual expenditure of MERRAC budget for the 2012/2013 (UNEP/IMO/NOWPAP/MERRAC/FPM 17/6).

29. Dr. Se-Jin PARK (Korea) expressed their gratitude to the MERRAC Secretariat for the successful outcomes of the activities carried out during the intersessional period and congratulated for obtaining the IMO observer status. He also recommended that MERRAC should actively

participate in international meetings such as IMO's MEPC and PPR Sub-Committee and report the results of the NOWPAP activities, in order to enhance cooperation between MERRAC and IMO.

30. In response to the comments made by the delegation of Korea, the Director of MERRAC fully agreed that it is important to participate in international meetings, to better understand global trends and enhance cooperation between MERRAC and other international organizations. He then pointed out that MERRAC would like to participate in the IMO meetings in the future as long as the budget allows. He also mentioned that ITOPF, OSR and IMO can be good global partners to MERRAC.

31. Dr. Se-Jin PARK recommended the MERRAC Secretariat to include all kinds of financial supports and in-kind contributions made by members for implementation of MERRAC activities in the MERRAC expenditure report and in their report to the NOWPAP IGM.

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

32. 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**

33. Ms. Jung-Hyun LIM, Consultant of MERRAC, presented the document on the Focal Points (UNEP/IMO/NOWPAP/MERRAC/FPM 17/7). As requested by the sixteenth FPM and the eighth 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 informed that the Focal Points of the Republic of China, Japan, and Korea have been replaced as follows:

- from Mr. Hailiang E to Mr. Weidong LU (China)
- from Mr. Hidehiro NANA O to Hiroyuki MORI (Japan)
- from Mr. Chang-Gyuen KIM to Mr. Hyeong-Man KIM (Korea)

34. She also informed the meeting that the name of MERRAC host institute has been changed from MOERI/KIOST to KRISO and the email address accordingly (\*\*@kriso.re.kr). The meeting welcomed new MERRAC Focal Points for China, Japan, and Korea, who had been replaced during the intersessional period.

### **Information System**

35. Ms. Jung-Hyun LIM (MERRAC) presented the document on the Information System (UNEP/IMO/ NOWPAP/MERRAC/FPM 17/8). 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 the MERRAC Secretariat to continue the update of the document.

36. The meeting further agreed to continuously update and maintain the lists in the Information System as one of the routine tasks.

### **Reports on Oil and HNS Pollution Incidents**

37. Ms. Jung-Hyun LIM presented the document on oil and HNS pollution incidents (UNEP/IMO/NOWPAP/MERRAC/FPM 17/9). She noted that MERRAC has updated and maintained the lists of oil and HNS Spill incidents on the MERRAC website as part of the routine tasks according to the agreement of the sixteenth MERRAC FPM. She also informed the meeting that during the intersessional period, 4 oil spill and 1 HNS spill incidents have been reported by Korea directly to MERRAC and the information has been delivered to the NOWPAP members using the existing POLREP format.

38. Dr. Natalia KUTAEVA (Russia) requested to mark the name of the countries on the map indicating the location of oil and HNS spill accidents.

39. Mr. Hyoungjun LEEM (Korea) suggested that the way to sum up the list of HNS incidents should be changed since the HNS incidents might be divided into several categories such as explosion, fire, spill and collision. Dr. Se-Jin PARK (Korea) asked the MERRAC Secretariat that POLREP should not be delivered to IMO or any other international organization before the POLREP is reconfirmed by NOWPAP members at the FPM.

40. The Director of MERRAC asked the NOWPAP members to actively report and share the information by using the POLREP format and also suggested that a development of a case study report on oil and HNS incidents can be considered as one of MERRAC Specific Projects.

41. The meeting asked the NOWPAP members to follow up on the incidents and inform the end of the incident for sharing information among the NOWPAP members, and also suggested that DINRAC will continue to cooperate with MERRAC to update the lists of oil and HNS spill incidents in the NOWPAP region on the Web GIS.

42. The meeting asked the MERRAC Secretariat to continuously maintain and update the list

of oil and HNS spill accidents in the region as one of its routine tasks.

## 5.2. Specific Projects

43. Dr. Jeong-Hwan OH, Senior Consultant of MERRAC, reported the general progress of the implementation of the Specific Projects (UNEP/IMO/NOWPAP/MERRAC/FPM 17/10). He stated that the draft reports carried out by the leading experts of each MERRAC Specific Project have been circulated among the MERRAC Focal Points for review at a technical level.

44. 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:

- 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

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

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

46. Dr. Choong-Ki KIM, senior consultant of MERRAC, reported on the revised questionnaires on assistance procedure and system under the Plan, which was clarified in terms of the purpose of the questionnaires and the criteria to evaluate the MERRAC activities. He also presented the survey results of the revised questionnaires that were assessed by members to evaluate the current status of the MERRAC activities implemented under the Plan (UNEP/IMO/NOWPAP/MERRAC/FPM 17/10 Annex 1).

47. The survey results were summarized as the potential MERRAC activities to be improved for the efficient implementation of the RCP, categorized into 4 groups:

- 1) Update of existing information: main shipping route, tanker and non-tanker traffic, sensitivity of the coastline to oil spill incidents
- 2) Information sharing: national legislation, practice or experience under NCP, notification and activation of the plan, customs and immigration procedures, joint response operation
- 3) New information: offshore oil or HNS operations, major oil and HNS ports, navigational dangers, sensitivity of the coastline to HNS, salvage equipment

- 4) Training and exercises: organization of training courses and exercises, sharing of information on training courses and exercises conducted with non-NOWPAP members

48. The meeting pointed out that some activities with low scores can be conducted at national level or regional level in the NOWPAP Region, which makes difficult to implement activities under the RCP only. The meeting, therefore, recommended identifying the MERRAC activities that can facilitate the implementation of the RCP by connecting the NCP with the RCP, then find ways to implement the activities under the RCP.

49. The meeting agreed that the MERRAC Secretariat will maintain this self-assessment questionnaire as a routine task, and continue to evaluate the implementation of the RCP and improve the efficiency of the activation of the RCP.

50. In order to prioritize future MERRAC activities, a list of potential activities raised from the survey results was circulated for the feedback from each member country. The prioritized list was reported under the Agenda 12 to improve the level of preparedness and response capacity against the major marine pollution incidents in the NOWPAP region.

#### **Development of Manual on Conduction of Oil Spill Response Operational Exercise**

51. Dr. Natalia KUTAEVA (Russia) reported on the revised draft manual on Conduction of Oil Spill Response Operational Exercise which has been developed to harmonize and unify the Oil Spill Response operational exercise (UNEP/IMO/NOWPAP/MERRAC/FPM 17/10 Annex 2).

52. Following her presentation, the Director of MERRAC noted that the manual is very comprehensive and can be used during the NOWPAP MERRAC Exercises especially at the next 5<sup>th</sup> DELTA exercise.

53. The meeting agreed to finalize the project and suggested that some editorial changes can be made for example input of illustrations such as photos or diagrams in the report.

54. In response to the suggestions made by the meeting, Russia proposed to add the scenario of the upcoming DELTA Exercise into the manual.

55. The meeting agreed that the final revised manual will be sent to the MERRAC FPs, RCU and National FPs during the intersessional period to ensure the quality control of the NOWPAP publication and the final manual will be published as soon as possible.

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

56. Ms. Jung-Hyun LIM (MERRAC) reported on the Pamphlet on HNS Database and Spill Response in the NOWPAP Region which has been revised upon the decision of the sixteenth MERRAC FPM to clarify its final users (UNEP/IMO/NOWPAP/MERRAC/FPM 17/10 Annex 3).

57. The meeting agreed to publish the pamphlet and suggested to circulate it for final review during the intersessional period.

58. The meeting was also informed that based on the MoU of the project, the experts may be participating in the translation process of the final pamphlet.

#### **Agenda item 6. Review of the 2013 NOWPAP MERRAC Expert Meeting**

59. Dr. Jeong-Hwan OH (MERRAC) briefly presented the progress of the NOWPAP MERRAC Expert Meetings (UNEP/IMO/NOWPAP/MERRAC/FPM 17/11).

60. Upon the invitation of the chairperson, Mr. Chunchang ZHANG (China) gave a report on the results of the 2013 NOWPAP MERRAC Expert Meeting which was hosted by China, in Qingdao from 15-17 October 2013. He reported the result of the meeting and potential projects drawn from the discussions of the three group sessions of the meeting that can be implemented for improvement of HNS preparedness and response in the NOWPAP region.

61. By taking the main results of the group sessions into consideration, the MERRAC Secretariat made suggestions on activities to be considered as regional cooperation activities on HNS issues.

62. The delegation of China made a comment that there is duplication in the suggested national and regional potential activities and a misunderstanding in the meaning of the task 'sharing information on chemical database on land'.

63. In full agreement with the comments made by the delegation of China, the Director of MERRAC commented that the proceedings of the Expert meeting which contain useful information can still be a good reference to be used for the MERRAC activities in dealing with the HNS issues.

#### **Agenda item 7. Sea-based marine litter activities**

64. Dr. Sangjin LEE (RCU), reported on the NOWPAP RAP MALI activities carried out after the 16<sup>th</sup> MERRAC FPM. He highlighted several activities carried out by the NOWPAP members including organization of the ICC campaigns and also the RAP MALI activities implemented by

RACs. He informed the meeting on the NOWPAP Trust Fund allocation for 2014/2015 RAP MALI activities and stressed that a project on 'understanding of floating marine litter distribution and impacts in the NOWPAP region' has been approved as MERRAC activity with a budgetary allocation of USD 6,000 for the 2014/2015 biennium.

65. Ms. Yoon Young BACK, Consultant of MERRAC, reported on the MERRAC activities carried out during the intersessional period under RAP MALI implementation (UNEP/IMO/NOWPAP/MERRAC/FPM 17/13). She noted that the regional report on Compilation of Best Practices in dealing with Marine Litter in Fisheries, Aquaculture and Shipping has been developed and reviewed by the nominated experts, MERRAC FPs, Marine Litter FPs and RCU and is in the process of finalization. She also reported to the meeting that the GPA funded project on development of brochure 'Best Practices of Marine Litter Management in Fisheries, Aquaculture and Shipping Sectors in the NOWPAP Region' has been finalized. She also noted that the English version and the translated brochures have been distributed to the relevant authorities and institutes with a purpose to raise public awareness on marine litter in the NOWPAP region.

66. As for the future work plan of the MERRAC RAP MALI activities for the 2014/2015 biennium, she presented to the meeting the workplan of the project on 'Understanding of Floating Marine Litter Distribution and Impacts in the NOWPAP Region' which has been approved at the eighteenth NOWPAP IGM as new MERRAC RAP MALI activity to be implemented during the 2014/2015 biennium.

67. The delegation of Japan expressed their satisfaction with the outcomes of the MERRAC marine litter activities and also said that the marine litter activities should be implemented by taking the budget constraints and the expertise of the MERRAC FPs in the subject matter into consideration.

68. The Director of MERRAC fully agreed with the comment made by the delegation of Japan and further explained that experts have been nominated to carry out the marine litter activities and MERRAC has also been working closely with RCU. He also pointed out that the MERRAC Secretariat can contact the academia to compile existing reports and data for efficient implementation of the future marine litter activities.

**Agenda item 8. Discussion on revision and/or amendment of NOWPAP Regional Oil and HNS Spill Contingency Plan, including its Annexes**

69. Ms. Yoon Young BACK (MERRAC) reported the brief history of the development of the NOWPAP Regional Oil and HNS Spill Contingency Plan (UNEP/IMO/NOWPAP/MERRAC/FPM 17/14). The meeting was also informed on the progress made during the intersessional period and

the finally agreed text of the new paragraph 5.2.1 of the RCP.

70. The meeting agreed on the concept of the agreed text of the new paragraph in general and after having discussion on the sentences in square brackets and editorial correction of the text, decided to adopt the revised paragraph 5.2.1 as follows (newly added text is underlined in bold):

5.2.1. Any polluting incident presenting a potential threat, which affects s or is 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 that might potentially be affected by any pollution incident may also request, with appropriate explanation, 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 far as possible.

71. The meeting decided that the amended paragraph 5.2.1 will enter into force upon the adoption of the meeting report on 13 June 2014 and MERRAC will formally notify the members by a formal letter, after which the update on the record of changes of the Plan will be done.

**Agenda item 9. Discussion on the MERRAC activities under the NOWPAP Medium-term Strategy (MTS) for 2012-2017 and potential collaborative activities with other RACs and organizations**

72. Dr. Choong-Ki KIM (MERRAC) made a presentation on the Medium-Term Strategy for MERRAC activities for 2014-2017 introducing the revised project proposals and ways for better operational arrangements for MERRAC (UNEP/IMO/NOWPAP/MERRAC/FPM 17/15 Annex 1).

73. The revised project proposals are as follows:

<Potential Projects>

- Update DB of oil and HNS spill response equipment and experts
- Online pollution reporting system
- Establishment of oil and HNS spills prediction system
- Risk assessment of Oil spills in the NOWPAP region



<Efficient operational arrangement>

- Organization of an Independent Competent National Authorities Meeting for implementation of RCP
- Dispatching an expert from NOWPAP members to MERRAC
- Strong cooperation with international organizations and other Regions

74. Mr. Xiaodong ZHONG (RCU) suggested that this meeting should focus on the projects under the PoW 2014-2015 that have already been approved by the eighteenth NOWPAP IGM, and suggested not to discuss new activities for the current biennium.

75. The Director of MERRAC pointed out that the revised project proposals suggested by Dr. Choong-Ki KIM falls under the NOWPAP PoW 2014-2015 and recommended the meeting to discuss further about the strategies of the project implementation during the current biennium.

76. In responding to the request made by the delegation of China to clarify the IGM's decision on the PoW 2014-2015 of the MERRAC activities, the Director of MERRAC explained about the decision making processes carried in achieving the outcomes of the IGM.

77. After lengthy discussions on the technical issues of the 4 revised proposals suggested by the MERRAC Secretariat, the meeting assigned two projects as MERRAC specific projects to be carried out during the 2014-2015 biennium, as follows:

- Update DB of oil and HNS spill response equipment and experts
- Development of online pollution reporting system

78. The other two proposals were ranked as low priority or projects to be considered in the future due to budgetary constraints, technical difficulties, and/or concerns on the lack of usefulness.

79. Regarding the efficient operational arrangement, the delegation of Russia pointed out that holding a separate CNA meeting will enable the members to concentrate more on Oil and HNS issues as well as the RCP, and also to include new matters such as ballast water and IMO Convention in accordance with the NOWPAP PoW and NOWPAP MTS. But it would be better to keep the current structure of the MERRAC operation due to limited resources and budget constraints.

**The Ninth Competent National Authorities Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan (Agenda items 10 – 12)**

**Agenda item 10. Report and discussion on the NOWPAP Training and Exercise carried out during the last intersessional period and to be held in the near future**

80. Ms. Jung Hyun LIM (MERRAC) reported the progress of the activities related to NOWPAP Training and Exercise (UNEP/IMO/NOWPAP/MERRAC/FPM 17/16).

81. Upon the invitation of the chairperson, Dr. Xiangshang ZHANG (China) reported the results of the 12<sup>th</sup> NOWPAP BRAVO exercise which was conducted on 12 December 2013 (UNEP/IMO/NOWPAP/MERRAC/FPM 17/16 Annex 1). It was pointed out that the exercise was conducted successfully and all corresponding emails were transmitted punctually and mostly replied on time. It was also suggested that the initial message of the exercise should be sent by email firstly to avoid any delay in the communication process of the exercise.

82. Dr. Natalia KUTAEVA (Russia) reported on the results of the 13<sup>th</sup> NOWPAP BRAVO exercise organized by Russia on 12 May 2014. She concluded that the exercise was successfully conducted.

83. Dr. Natalia KUTAEVA also reported the draft scenario (including the maps of the three stages of the scenario) of the 5<sup>th</sup> NOWPAP DELTA Exercise which is planned to be conducted on 21 October 2014 in Amur Bay, outer Harbor of Vladivostok, Russia (UNEP/IMO/NOWPAP/MERRAC/FPM 17/16 Annex 3). By ending her presentation, she requested the NOWPAP members to actively contribute and co-operate in the exercise. In response, the NOWPAP members expressed their appreciation for Russia's efforts in preparing the exercise and fully agreed with the scenario of the exercise.

84. Mr. Kazuhisa TAKUMI (Japan) informed the meeting that Japan will fully support and cooperate for a successful implementation of the exercise and also pointed out that they are planning to dispatch a large patrol vessel.

85. The delegation of Korea expressed their gratitude to Russia, for developing such detailed exercise scenario and wished for successful results of the exercise. The delegation of China also expressed their view that it would be a good opportunity to participate in the exercise as an observer.

86. In response to the comments made by the delegation of China, the delegation of Russia suggested the NOWPAP members to send the list of observers at least 1 and half month in advance, for Russia to assist with the visa process.

**Agenda item 11. Report of representative of CNAs on issues related to the latest progress in their respective countries**

87. Upon the invitation of the chairperson, Mr. Kazuhisa TAKUMI (Japan) reported on the activities of the Japan Disaster Relief Team (JDRT) made in support of the oil spill response for the super-typhoon damages in the Philippines in 2013. He reported that as part of the Japanese government's assistance for the relief activities for the damages in the Philippines, a JDRT expert team was dispatched for the oil spill response in Estancia to provide different technical advices such as survey on the oil pollution, assessment on the oil boom deployment, matching test of oil response equipment etc.

88. Mr. Chunchang ZHANG (China), introduced the meeting on the first informal oil spill preparedness and response technical consultative group meeting of GI China which was held from 12-13 May 2014, with participation of 48 delegation from IMO, IPIECA, Ministry of Transport of the P.R.C., Ministry of Environment Protection of the P.R.C., State Oceanic Administration, ITOPF, oil industry, shipping industry, oil spill cleanup corporation, oil spill response equipment manufacturers etc. He also reported that the meeting was held successfully and achieved fruitful results. China has also invited the members to attend the International Oil Spill Response Technical Seminar and the Oil Spill Response Commander Training Course which will be held from 2-3 September and 3-4 September 2014, in Yantai, China, respectively.

89. In response to the suggestion made by the delegation of China, the meeting suggested China to send a more detailed schedule of the seminar and the training course.

90. Dr. Natalia KUTAEVA (Russia) gave a presentation on the latest progressive activities related to Oil and HNS issues in Russia. She informed the meeting about the completed reorganization of the State Marine Pollution Control, Salvage & Rescue Administration (SMPCSA) into the State Marine Emergency and Rescue Coordination Service of the Russian Federation (SMRCS) which now consists of nine branches on all marine basins of the Russian Federation.

91. Mr. Hyoungjun LEEM (Korea) made a presentation on the case study on *Wu Yi San* crude oil tanker which occurred in January 2014. He reported on the response activities conducted by the KCG including a brief overview on the response organization, strategy, sea operations, and shoreline clean up. He also reported on the resources supplied during the response activities and methods used for collection and disposal of the debris.

92. Mr. Hyoungjun LEEM gave another presentation on the development of shoreline cleanup support system. He explained that in preparing to the occurrence of large oil spill incidents in Korea which often give negative impacts on the economic values of the coastal area, the KCG has improved and implemented various approaches including pre-SCAT DB and development of

shoreline cleanup support system.

93. The delegation of China expressed their view that Korea has conducted a lot of work and suggested that this kind of useful experience can be shared in more details among the NOWPAP members.

94. Mr. Richard H. JOHNSON (ITOPF) gave a presentation on the activities of ITOPF. He noted that the NOWPAP region is considered as one of the hotspot of oil spill incidents and said ITOPF had opportunities to attend several incidents occurred in Korea and have had strong relationship with the KCG. He informed the meeting that there are ITOPF Technical information papers freely available in several languages. He also stated that as part of new initiatives, ITOPF produced seven different films tackling key questions related to the response activities of marine oil spills. The films are provided in different languages including Korean and Chinese subtitles.

95. By expressing gratitude for the ITOPF's participation in the meetings, the Director of MERRAC emphasized the importance of the maintenance of close network between MERRAC and other international organizations including ITOPF and added on saying that MERRAC will continue to seek technical support and cooperation in the future.

**Agenda item 12. Discussion on the efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan**

96. Dr. Jeong Hwan OH (MERRAC) presented the prioritized list, which was selected by the NOWPAP members from a list of potential activities raised from the survey results (UNEP/IMO/NOWPAP/MERRAC/FPM 17/10 Annex 1). To improve the efficiency of the implementation of the RCP, the following activities have been scored as high priority:

- Information sharing: registration, practice or experience under NCP, notification and activation of the plan, customs and immigration procedures, major oil and HNS ports.
- Organization of training courses and exercises (IMO OPRC HNS Model Course)

97. The activities related to information sharing are mostly conducted at national level to facilitate the implementation of the RCP. Dr. Jeong Hwan OH, therefore, suggested that the activities available at national level need to be reported at the CNA meetings to better understand the status of the NOWPAP member's preparedness.

98. He also suggested that the training courses and exercises may be organized in the form of expert meeting in the future.

99. Mr. James PAW (IMO) informed the meeting that information on major oil and HNS ports is available at IMO GISIS while on navigational dangers, such data can be sourced from hydrographic offices. He also informed the meeting that IMO Training Course Manuals are being updated with ITCP support and that NOWPAP should try and make the best use of them.

**Agenda item 13. Revision of the proposed work plan and budget for the MERRAC activities for the 2014/2015 biennium**

100. The Director of MERRAC presented the revised workplan and budget of MERRAC for the 2014-2015 biennium (UNEP/IMO/NOWPAP/MERRAC/FPM 17/19) which have been approved by the eighteenth NOWPAP IGM. The total budget of MERRAC for the 2014/ 2015 biennium is USD 131,000 including a budget allocation of USD 6,000 for the RAP MALI activities.

101. The meeting agreed with the revised workplan and budget for 2014-2015 as attached in **Annex IV** and **Annex V**, respectively.

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

102. The Director of MERRAC presented the routine tasks and the specific projects to be implemented during the intersessional period. After discussions, the meeting rearranged the intersessional work as attached in **Annex VI**.

103. Regarding the suggestions made on the insertion of an overview of oil/HNS spill cases occurred in the region with support from FPs and other relevant organizations to be carried under the routine task, the meeting additionally recommended to make use of CEDRE or ITOPF's website as a format example.

104. The delegation of Russia proposed to share information on national practices of cleanup of oiled wildlife and other ecological issues related to oil spill incidents. Concerning this proposal the delegation of Korea suggested to collect health and safety issues in oil spill incidents. The meeting agreed to share their national experiences and relevant information at the next FPM, if possible.

105. In order to be in accordance with the NOWPAP PoW of 2014-2015, the meeting decided to insert the project on risk assessment of oil spill incident: likelihood analysis as part of MERRAC

specific projects.

106. The delegation of Russia introduced to the meeting the general plan of the organization of 2015 NOWPAP MERRAC Expert Meeting which is planned to be held in 2015 in Vladivostok, Russia. She pointed out that the main topics and dates of the meeting can be decided during the intersessional period after the meeting, after consultation with the MERRAC Secretariat and NOWPAP FPs and the detailed plan will be circulated to the NOWPAP members at the next MERRAC FPM.

107. The delegation of China pointed out that 3 days of meeting is too tight and suggested to hold 4 days meeting as it has been in the past. The Director of MERRAC noted that the suggestion will be taken into consideration.

108. The MERRAC Secretariat informed the members that the dates and location of the eighteenth Focal Points Meeting and the tenth Competent National Authorities Meeting will be further discussed and decided during the international period via email communication.

#### **Agenda item 15. Other matters**

109. The Director of MERRAC introduced that there is a possibility that the PICES (North Pacific Marine Science Organization) workshop will hold a joint session on oil spill in October 2015 if the proposal to be prepared will be successfully accepted by PICES. He also mentioned that it will be a good opportunity for the NOWPAP members to present the oil spill response and preparedness activities being implemented in the region. He also stated that MERRAC will contact the FPs for further discussion on the matter.

110. Upon the invitation of the Chairperson, Mr. Kiew Hock Thiam (OSR) gave a presentation on the activities of OSR on oil spill response and preparedness. He stated that OSR focuses on three main areas: Safety Focus, People Focus and Service Excellence. He added on saying that OSR has 45 participating members and there are supplementary services available to members such as information on well capping, dispersant stockpile and regional aerial services etc.

111. Mr. Xiaodong ZHONG (RCU) stated that the gender balance issue has been brought up by UNEP and encouraged the MERRAC Secretariat and MERRAC FPs to consider for more women participation in the MERRAC activities including the MERRAC FPM.

112. The delegation of China kindly asked the MERRAC Secretariat to inform the FPs on any important documents reported to the NOWPAP IGM including their meeting results and reports, to avoid any unnecessary communication problem or misunderstanding during the meetings and also

to share the information of the intended participants as observers from other international organization in advance.

113. In addition to the comment made by the delegation of China, the delegation of Russia noted that the presentations, which are planned to be provided by the observers, can also be submitted in advance for smooth process of the meeting.

114. In response to the comments made by the delegation of China and Russia, the Director of MERRAC stated that MERRAC will continue to share the necessary information and relevant reports with the FPs.

**Agenda item 16. Adoption of the report of the meeting**

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

**Agenda item 17. Closure of the meeting**

116. After customary exchange of courtesies, the Chairperson declared the meeting closed at 16:25 on Friday, 13 June 2014





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Annex III Agenda

Annex IV Revised workplan for MERRAC Activities for the 2014/2015 biennium

Annex V Revised Budget for MERRAC Activities for the 2014/2015 biennium

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 Seventeenth NOWPAP MERRAC Focal Points Meeting  
& the Ninth Competent National Authorities Meeting**

**People's Republic of China**

**Dr. Xiangshang ZHANG**

Director

Department of Dangerous Cargo Management and Pollution Prevention,  
Shandong Maritime Safety Administration, People's Republic of China  
No. 21 Wuxia Road, Qingdao, Shandong Province, China

Tel: +86-532-86671160

Fax: +86-532-86671125

E-mail: [msa12395@126.com](mailto:msa12395@126.com)

**Mr. Chunchang ZHANG**

Deputy Director

Yantai Oil Spill Response Technical Center,  
Yantai Maritime Safety Administration, People's Republic of China  
No.8, Huaihai Road, Yantai, Shandong Province, China

Tel: +86-535-6683685

Fax: +86-535-6687302

E-mail: [zcczn@hotmail.com](mailto:zcczn@hotmail.com)

**Japan**

**Mr. Makoto TATSUMIYA**

Director for International Marine Pollution Prevention  
Marine Environment Protection and Disaster Prevention Division,  
Guard and Rescue Department, Japan Coast Guard (JCG)  
2-1-3, Kasumigaseki, Chiyoda-ku, Tokyo, 100-8918, Japan

Tel: +81-3-3591-9819

Fax: +81-3-3591-5085

Email: [jcghbosai4-4i4i@kaiho.mlit.go.jp](mailto:jcghbosai4-4i4i@kaiho.mlit.go.jp)

**Prof. Tetsuya YAMAJI**

Professor

Department of Maritime Police,

Japan Coast Guard Academy (JCGA)

5-1, Wakaba-cho, Kure-shi, Hiroshima-ken, 737-8512, Japan

Tel: +81-823-21-4961

Fax: +81-823-20-0087

E-mail: [yamaji@jcgac.ac.jp](mailto:yamaji@jcgac.ac.jp)

**Mr. Kazuhisa TAKUMI**

Special Assistant to the Director

Marine Environment Protection and Disaster Prevention Division

Guard and Rescue Department, Japan Coast Guard (JCG)

2-1-3 Kasumigaseki, Chiyoda-ku, Tokyo, 100-8918, Japan

Tel: +81-3-3591-9819

Fax: +81-3-3591-5085

E-mail: [jcghbosai4-4i4i@kaiho.mlit.go.jp](mailto:jcghbosai4-4i4i@kaiho.mlit.go.jp)

**Mr. Hiroaki SAITO**

Coordinator for International Ocean Affairs

Ocean Policy Division, Policy Bureau

Ministry of Land, Infrastructure, Transport and Tourism (MLIT)

2-1-3 Kasumigaseki, Chiyoda-ku, Tokyo, 100-8918, Japan

Tel: +81-3-5253-8266

Fax: +81-3-5253-1549

E-mail: [saito-h2ck@mlit.go.jp](mailto:saito-h2ck@mlit.go.jp)

**Republic of Korea**

**Mr. Hyeong-Man KIM**

Director

Division of Marine Pollution Response Planning

Marine Pollution Response Bureau

Korea Coast Guard

3-8, Songdo-Dong, Yeonsu-Gu, Incheon, Republic of Korea

Tel: +82-32-835-2091

Fax: +82-32-835-2991

E-mail: [kimhm10000@daum.net](mailto:kimhm10000@daum.net)

**Dr. Se-Jin PARK**

Deputy Director

Division of Marine Pollution Response Planning  
Marine Pollution Response Bureau  
Korea Coast Guard  
3-8, Songdo-Dong, Yeonsu-Gu, Incheon, Republic of Korea  
Tel: +82-32-835-2193  
Fax: +82-32-835-2991  
E-mail: [tpwls0710@korea.kr](mailto:tpwls0710@korea.kr)

**Mr. Hyoungjun LEEM**

Assistance Director  
Division of Marine Pollution Response Planning  
Marine Pollution Response Bureau  
Korea Coast Guard  
3-8, Songdo-Dong, Yeonsu-Gu, Incheon, Republic of Korea  
Tel: +82-32-835-2393  
Fax: +82-32-835-2991  
E-mail: [ljun55@korea.kr](mailto:ljun55@korea.kr)

**Russian Federation**

**Dr. Natalia KUTAEVA**

Counselor to the Director  
State Marine Pollution Control, Salvage & Rescue Administration (SMPCSA)  
3/6, Ul. Petrovka, Moscow, 125993, Russian Federation  
Tel: +7 495 626 18 06  
Fax: +7 495 626 1809/623 7476  
E-mail: [kutaevang@smpcsar.ru](mailto:kutaevang@smpcsar.ru)

**Mr. Sergei PAK**

Deputy General Director  
Ecoshelf Ltd  
Tel: (4242) 73 75 09 / (4242) 25 90 50  
Fax: (4242) 73 65 45  
E-mail: [s.pak@ecoshelf.net](mailto:s.pak@ecoshelf.net)

**MERRAC**

**Dr. Seong-Gil KANG**

Director

Marine Environmental Emergency Preparedness and Response

Regional Activity Centre (MERRAC)

P.O. Box 23, Yuseong, Daejeon 305-343, Republic of Korea

Tel: +82-42-866-3620

Fax: +82-42-866-3630

E-mail: [kangsg@kriso.re.kr](mailto:kangsg@kriso.re.kr)

**Dr. Jeong-Hwan OH**

Senior Consultant

Marine Environmental Emergency Preparedness and Response

Regional Activity Centre (MERRAC)

P.O. Box 23, Yuseong, Daejeon 305-343, Republic of Korea

Tel: +82-42-866-3621

Fax: +82-42-866-3630

E-mail: [jhoh@kriso.re.kr](mailto:jhoh@kriso.re.kr)

**Dr. Choong-Ki KIM**

Senior Consultant

Marine Environmental Emergency Preparedness and Response

Regional Activity Centre (MERRAC)

P.O. Box 23, Yuseong, Daejeon 305-343, Republic of Korea

Tel: +82-42-866-3665

Fax: +82-42-866-3630

E-mail: [ckkim@kriso.re.kr](mailto:ckkim@kriso.re.kr)

**Mr. Sang-Eun LEE**

Advisor

Marine Environmental Emergency Preparedness and Response

Regional Activity Centre (MERRAC)

P.O. Box 23, Yuseong, Daejeon 305-343, Republic of Korea

Tel: +82-42-866-3619

Fax: +82-42-866-3630

E-mail: [sel1@naver.com](mailto:sel1@naver.com)



**Ms. Jung-Hyun LIM**

Consultant

Marine Environmental Emergency Preparedness and Response

Regional Activity Centre (MERRAC)

P.O. Box 23, Yuseong, Daejeon 305-343, Republic of Korea

Tel: +82-42-866-3654

Fax: +82-42-866-3630

E-mail: [jhlim@kriso.re.kr](mailto:jhlim@kriso.re.kr)

**Ms. Yoon-Young BACK**

Consultant

Marine Environmental Emergency Preparedness and Response

Regional Activity Centre (MERRAC)

P.O. Box 23, Yuseong, Daejeon 305-343, Republic of Korea

Tel: +82-42-866-3690

Fax: +82-42-866-3630

E-mail: [yyback@kriso.re.kr](mailto:yyback@kriso.re.kr)

**NOWPAP Regional Coordinating Unit (RCU)**

**Mr. Xiaodong ZHONG**

Deputy Coordinator

Northwest Pacific Action Plan (NOWPAP) of UNEP

152-1 Haean-ro, Gijang-up, Gijang-gun, Busan 619-705, Republic of Korea

Tel: +82-51-720-3001

Fax: +82-51-720-3009

E-mail: [xiaodong.zhong@nowpap.org](mailto:xiaodong.zhong@nowpap.org)

**Dr. Sangjin LEE**

Scientific Affairs Officer

Northwest Pacific Action Plan (NOWPAP) of UNEP

152-1 Haean-ro, Gijang-up, Gijang-gun, Busan 619-705, Republic of Korea

Tel: +82-51-720-3002

Fax: +82-51-720-3009

E-mail: [sangjin.lee@nowpap.org](mailto:sangjin.lee@nowpap.org)

**IMO****Mr. James N. PAW**

Programme Coordination Officer  
Sub-division for Pollution Response and  
Technical Co-operation Implementation  
Marine Environment Division  
International Maritime Organization  
4, Albert Embankment, London SE1 7SR, United Kingdom  
Tel: +44 207 587 3238  
Fax: +44 207 587 3210  
Email: [jpaw@imo.org](mailto:jpaw@imo.org)

**Observers****CEARAC****Mr. Genki TERAUCHI**

Senior Researcher  
NOWPAP CEARAC  
Special Monitoring & Coastal Environmental Assessment Regional Activity Centre (CEARAC)  
5-5 Ushijimashin-machi, Toyama City, Toyama, 930-0856, Japan  
Tel. +81-76-445-1571  
Fax +81-76-445-1581  
E-mail: [terauchi@npec.or.jp](mailto:terauchi@npec.or.jp)

**POMRAC****Dr. Anatolii KACHUR**

Director  
Pollution Monitoring Regional Activity Centre (POMRAC)  
Pacific Geographical Institute, Far Easter Branch, Russian Academy of Sciences  
7 Radio Street, Vladivostok 690041, Russian Federation  
Tel: +7-423-231-3071  
Fax: +7-423-231-2159  
E-mail: [kachur@tig.dvo.ru](mailto:kachur@tig.dvo.ru)

**ITOPF**

**Mr. Richard H. JOHNSON**

Technical Director

The International Tanker Owners Pollution Federation Limited (ITOPF)

1 Oliver's Yard, 55 City Road, London EC1Y 1HQ, United Kingdom

Tel: +44 (0)20 7566 6999

Fax: +44 (0)20 7566 6950

E-mail: [RichardJohnson@ITOPF.COM](mailto:RichardJohnson@ITOPF.COM)

**OSRL**

**Mr. Kiew Hock Thiam**

Operations Manager

Oil Spill Response Limited (OSRL)

Loyang Offshore Supply Base, 25 Loyang Crescent,

Mail Box No. 5105, Block 503 TOPS Avenue 3, Singapore 508988

Tel: +65 6266 1566

Fax: +65 6266 2312

E-mail: [kiewhockthiam@oilspillresponse.com](mailto:kiewhockthiam@oilspillresponse.com)

**Mr. Derrick LIM**

Team Supervisor/ Senior Response Specialist

Oil Spill Response Limited (OSRL)

Loyang Offshore Supply Base, 25 Loyang Crescent,

Mail Box No. 5105, Block 503 TOPS Avenue 3, Singapore 508988

Tel: +65 6266 1566

Fax: +65 6266 2312

E-mail: [limweiyao@oilspillresponse.com](mailto:limweiyao@oilspillresponse.com)



## **Annex II**

### **List of Documents**



**Annex II. List of documents for the Seventeenth MERRAC Focal Points Meeting and the Ninth Competent National Authorities Meeting**

**Working Documents**

UNEP/IMO/NOWPAP/MERRAC/FPM 17/1	Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 17/2	Annotated Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 17/3	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 17/4	Report on Activities of IMO Made After the 16th MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 17/5	Report on MERRAC Activities Made After the 16th MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 17/6	Report on the Annual Expenditure of MERRAC Budget for the 2012/2013 Biennium
UNEP/IMO/NOWPAP/MERRAC/FPM 17/7	Report on the Focal Points
UNEP/IMO/NOWPAP/MERRAC/FPM 17/8	Report on the Information System
UNEP/IMO/NOWPAP/MERRAC/FPM 17/9	Report on Oil and HNS Spill Incidents
UNEP/IMO/NOWPAP/MERRAC/FPM 17/10	Progress Report on the Implementation of the MERRAC Specific Projects
UNEP/IMO/NOWPAP/MERRAC/FPM 17/11	Report on the results of the 2013 NOWPAP MERRAC Expert Meeting

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

**Reference Documents**

UNEP/IMO/NOWPAP/MERRAC/FPM 17/INF1	List of Documents
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UNEP/IMO/NOWPAP/MERRAC/FPM 17/INF2	Time Schedule
UNEP/IMO/NOWPAP/MERRAC/FPM 17/INF3	List of Participants
UNEP/IMO/NOWPAP/MERRAC/FPM 17/INF4	Logistic information
UNEP/IMO/NOWPAP/MERRAC/FPM 16/22	Report of the 16th NOWPAP MERRAC Focal Points Meeting and the 8th Competent National Authorities Meeting (Incheon, 17-21 June 2013)
UNEP/NOWPAP IG. 18/12	Report of the 18th Intergovernmental Meeting of the Northwest Pacific Action Plan (Toyama, Japan, 4-6 December 2013)
UNEP/NOWPAP IG. 18/12/Add. 1	Resolutions of the 18th NOWPAP IGM
UNEP/NOWPAP IG. 18/10/2	NOWPAP Programme of Work (work plan and budget) for 2014-2015



**Annex III**

**Agenda**



### **Annex III. Agenda of the Seventeenth NOWPAP MERRAC Focal Points Meeting and the Ninth Competent National Authorities Meeting**

#### The Seventeenth NOWPAP MERRAC Focal Points Meeting and the Ninth 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 Seventeenth NOWPAP MERRAC Focal Points Meeting

4. Overview of the progress made during the intersessional period after the sixteenth 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 the intersessional period after the sixteenth NOWPAP MERRAC Focal Points Meeting
5. Review of the progress made for each task agreed at the sixteenth 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)*

    - 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. Review of the 2013 NOWPAP MERRAC Expert Meeting (October 2013)  
-Report on the results of the 2013 NOWPAP MERRAC Expert Meeting
7. Sea-based marine litter activities
- 7.1. Report of implementation (2013) and workplan of the NOWPAP Regional Action Plan on Marine Litter (RAP MALI) for 2014/2015 biennium
  - 7.2. Report of MERRAC activities on the implementation of NOWPAP RAP MALI (2013) and discussion on the future work for 2014/2015 biennium
8. Discussion on revision and/or amendment of NOWPAP Regional Oil and HNS Contingency Plan, including its Annexes  
- Adoption of the amended paragraph 5.2.1 of the plan
9. Discussion on the MERRAC activities under the NOWPAP MTS for 2012-2017 and potential collaborative activities with other RACs and international organizations
- 9.1. Report on the NOWPAP Programme of Work (PoW) 2014-2015 which has been approved at the Eighteenth NOWPAP IGM (2013)
  - 9.2. Report on the revised draft plan of MERRAC activities to be implemented under the NOWPAP MTS

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

10. Report and discussion on the NOWPAP training and exercises carried out during the last intersessional period and to be held in the near future
- 10.1. Report of the 12th NOWPAP BRAVO Exercise, 2013, China
  - 10.2. Report of the 13th NOWPAP BRAVO Exercise, 2014, Russia
  - 10.3. Future plan on NOWPAP trainings and exercises  
- Report on the draft plan of the 5th NOWPAP DELTA (2014, Russia)

11. 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
12. Discussion on efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan

The Seventeenth NOWPAP MERRAC Focal Points Meeting

13. Revision of the proposed work plan and budget for the MERRAC activities for the 2014/2015 biennium based upon the decision of the eighteenth NOWPAP IGM, including organization of the NOWPAP MERRAC Expert Meeting (to be held in Russia in 2014 or 2015)
14. Arrangement of intersessional work and venues and dates of the eighteenth NOWPAP MERRAC Focal Points Meeting and the tenth 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

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**Annex IV**

**Revised workplan for MERRAC Activities for the 2014/2015 biennium**



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

<b>Date</b>	<b>Activities</b>	<b>Responsible Organizations</b>
May 2014	13 <sup>th</sup> NOWPAP BRAVO exercise	Leading country (Russia), NOWPAP Members, MERRAC
June 2014	17 <sup>th</sup> NOWPAP MERRAC Focal Points Meeting and 9 <sup>th</sup> Competent National Authorities Meeting	MERRAC, NOWPAP RCU, UNEP, IMO
~	Intersessional work	Leading country, MERRAC
2 <sup>nd</sup> half of 2014	14 <sup>th</sup> NOWPAP BRAVO exercise	Leading country (Japan), NOWPAP Members, MERRAC
21 Oct 2014 (second option: 23 Oct)	5 <sup>th</sup> NOWPAP DELTA (Joint Oil Spill Exercise) regarding the marine pollution preparedness and response, Amur Bay, Russia	Leading country (Russia), NOWPAP Members, MERRAC, NOWPAP RCU, UNEP, IMO
~ 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
1 <sup>st</sup> half of 2015	15 <sup>th</sup> NOWPAP BRAVO exercise	Leading country (Korea), NOWPAP Members, MERRAC
May ~ June 2015	18 <sup>th</sup> NOWPAP MERRAC Focal Points Meeting and 10 <sup>th</sup> Competent National Authorities Meeting	MERRAC, NOWPAP RCU, UNEP, IMO
~	Intersessional work	Leading country, MERRAC
2 <sup>nd</sup> half of 2015	16 <sup>th</sup> NOWPAP BRAVO exercise	Leading country (China), NOWPAP Members, MERRAC
~	Intersessional work	Leading country, MERRAC
Jan 2014 ~ Dec 2015	Implementation of specific projects on scientific and technical issues: <Oil and HNS> -Update DB of Oil and HNS Equipment & Experts -Online Pollution Reporting System -Risk Assessment of Oil Spill Incident: Likelihood Analysis <Marine Litter> -Understanding of Floating Marine Litter Distribution and Impacts in the NOWPAP Region	Leading country, MERRAC, UNEP, IMO



**Annex V**

**Revised Budget for MERRAC Activities for the 2014/2015 biennium**



**Annex V. Revised Budget for MERRAC activities for the 2014/2015 Biennium based upon the approval of 18<sup>th</sup> NOWPAP IGM**

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 - Update DB of oil and HNS equipment & experts (USD 8,000) - Online Pollution Reporting System (USD 10,000) - Risk assessment of oil spill incident: Likelihood analysis (USD 7,000)	25,000		25,000
4. Coordination with IMO/UNEP and Regional Seas - NOWPAP IGM - OPRC-HNS TG Meeting/PPR Meeting - Other Regional Activities Centers - 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)
<b>Sub-total</b>	<b>50,500</b>	<b>74,500</b>	<b>125,000</b>
7. MERRAC activities on RAP MALI - Understanding of floating ML distribution and impacts in the NOWPAP region	6,000		6,000
<b>Sub-total</b>	<b>6,000</b>		<b>6,000</b>
<b>Total</b>	<b>53,500</b>	<b>77,500</b>	<b>131,000</b>





**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 to be carried out by MERRAC**

Tasks	Lead Country / Agency	Actions	Expected Outputs
1. Regional Contingency Plan	MERRAC	<ul style="list-style-type: none"> <li>- Maintain and update the RCP including amendments (especially on paragraph 5.2.1 of the RCP)</li> <li>- Maintain and/or update the appropriate annexes</li> <li>- Organize the Competent National Authorities Meeting for RCP</li> <li>- Carry out regional activities required by the RCP</li> <li>- Maintain and update the questionnaire for the procedures of the RCP for its efficient implementation and review the assistance procedure and system under RCP</li> </ul>	<ul style="list-style-type: none"> <li>- Updated Regional Contingency Plan</li> <li>- Regional cooperation system regarding marine pollution preparedness and response</li> <li>- Increased regional capacity on marine pollution preparedness and response</li> <li>- Efficient implementation of RCP for practical use and assistance procedure and system</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 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>- Discussion on the implementation of the RCP</li> </ul>
3. Report on oil and HNS Pollution Incidents	MERRAC and NOWPAP Members	<ul style="list-style-type: none"> <li>- Sharing of the information on oil and HNS spill incidents when it occurs</li> <li>- Overview of oil/HNS spill cases occurred in the region with support from FPs and other relevant organizations</li> <li>- Collect lists of oil and HNS spill incidents over 10 tons only focusing on offshore oil spill incidents occurred in the NOWPAP region.</li> </ul>	<ul style="list-style-type: none"> <li>- Prompt information sharing and cooperation</li> <li>- Updated database on oil and HNS spills in the NOWPAP region on 15<sup>th</sup> May every year</li> </ul>

<p>4. Information System</p>	<p>MERRAC and NOWPAP Members</p>	<ul style="list-style-type: none"> <li>- Maintenance and update of the MERRAC website</li> <li>- Update information of oil and HNS spill response equipment, institutions and experts</li> <li>- Maintenance and update of the MERRAC website</li> <li>- Report it to the 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>- Uploaded Information System</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 on a rotation basis</li> <li>- Conduct the 5<sup>th</sup> NOWPAP DELTA exercise organized by Russia</li> </ul>	<ul style="list-style-type: none"> <li>- Conduction of two NOWPAP BRAVO exercises</li> <li>- Conduction of NOWPAP DELTA exercise</li> <li>- Improvement of communication system</li> <li>- Improved response capacity to oil and HNS spill</li> </ul>
<p>6. Communications</p>	<p>MERRAC</p>	<ul style="list-style-type: none"> <li>- Maintain and facilitate routine communication links between relevant authorities in the 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 the NOWPAP area</li> <li>- Enhanced sharing information among the NOWPAP members</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>	<ul style="list-style-type: none"> <li>- Collect the basic information concerning the national experience of cleanup of oiled wildlife as well as ecological and health&amp; safety issues related to oil spill incidents in the NOWPAP region for consideration at the next FPM</li> </ul>	<ul style="list-style-type: none"> <li>- Better understanding of the national policies on relevant subjects</li> <li>- Identification of future agenda to be discussed at FPM</li> </ul>

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

Tasks	Lead Country / Agency	Actions	Expected Outputs
1. Legislations and Practice on Marine Pollution Damage Civil Liability and Compensation (Concluded)	China	<ul style="list-style-type: none"> <li>- Publish in a hard copy as a MERRAC technical report within 1 or 2 months after final reviewing by experts, MERRAC FPs and NOWPAP RCU</li> </ul>	<ul style="list-style-type: none"> <li>- 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 the NOWPAP region as a MERRAC technical report</li> </ul>
2. Development of Practical Assistance Procedure and System under the RCP (Concluded)	MERRAC	<ul style="list-style-type: none"> <li>- Maintain and update the questionnaire for the procedures of the RCP for its efficient implementation and review the assistance procedure and system under RCP as a Routine Tasks</li> </ul>	<ul style="list-style-type: none"> <li>- Assessment of the applicability of the RCP for assistance procedure and system</li> <li>- Identification of the potential activities for efficient implementation of the RCP</li> </ul>
3. Manual on Conduction of Oil Spill Response Operational Exercise (Concluded)	Russia and China	<ul style="list-style-type: none"> <li>- Add illustrations such as photos or diagrams to be further applicable and used</li> <li>- Finalize and publish in electronic format as a MERRAC technical report within 3 or 4 months after reviewing of experts, MERRAC FPs and NOWPAP RCU</li> <li>- Use the manual for NOWPAP DELTA exercise</li> </ul>	<ul style="list-style-type: none"> <li>- Published MERRAC Technical Report on Manual of preparing and conduction oil spill response operational exercise</li> <li>- Harmonized and unified process of preparing and conduction of NOWPAP DELTA</li> <li>- Improved management of oil spill response forces and equipment of participating member states</li> <li>- Facilitate the development and planning of joint exercises</li> </ul>
4. Development of Pamphlet on HNS Database and Spill Response (Concluded)	MERRAC	<ul style="list-style-type: none"> <li>- Finalize and publish the pamphlet after reviewing by experts, MERRAC FPs and NOWPAP RCU</li> <li>- Translate it into a language of NOWPAP members, if necessary</li> </ul>	<ul style="list-style-type: none"> <li>- Published pamphlet on HNS Database and spill response</li> <li>- Better practical, operational use for the relevant operators on HNS</li> </ul>

<p>5. Update DB of oil and HNS spill response of equipment and experts</p>	<p>MERRAC and NOWPAP Members</p>	<p>(2014) - Maintain the DB of response equipment and experts - Standardize the equipment inventories - Update DB of oil and HNS spill response equipment by using a standardized, common set of terms  (2015, to be discussed later) - Organize an Expert Group composed of experts nominated by MERRAC FPs, after making relevant ToR with FPs at the next FPM (Budget allocated for 2014/2015: US\$ 8K)</p>	<p>- Updated DB of oil and HNS spill response equipment - Facilitated request and assistance of the equipment</p>
<p>6. Online Pollution Reporting System</p>	<p>MERRAC and NOWPAP Members</p>	<p>- Establish the online pollution reporting system which is composed of online POLREP preparation module, POLREP delivery module, Delivery status notification module, and POLREP archive module.  (Budget allocated for 2014/2015: US\$ 10K)</p>	<p>- Developed online pollution reporting system - Supported tool for the use of oil spill response exercises such as NOWPAP DELTA, BRAVO, and Table-top exercises - Support for information sharing on real oil spill incidents - Developed POLREP archive module</p>
<p>7. Risk Assessment of oil spill incident: Likelihood analysis</p>	<p>MERRAC and NOWPAP Members</p>	<p>- Collect or update information on historic spill records, vessel traffic, and sources of oil pollution (eg. Oil terminals, commercial ports, etc.) - Conduct statistical analysis using the collected information with reference of other specific projects conducted by MERRAC - Produce probability map of oil spill incidents  (Budget allocated for 2014/2015: US\$ 7K)</p>	<p>- Identify hot spot of oil spill incidents in risk - Mapping spill probability to help to determine the response strategy and to implement risk-based planning</p>

<p>8. RAP MALI</p>	<p>MERRAC</p>	<ul style="list-style-type: none"> <li>- Carry out the activities designated to MERRAC under the RAP MALI, on "Understanding of Floating Marine Litter Distribution and Impacts in the NOWPAP region"</li> <li>- Organize an Expert Group composed of experts nominated by MERRAC FP and/or ML FP</li> <li>- Collect the relevant information on the floating marine distribution and prepare a draft report</li> </ul>	<ul style="list-style-type: none"> <li>- Sharing the information on floating marine litter distribution</li> <li>- Development of a summary report</li> </ul>
<p>9. Development of a plan for MERRAC activities Under the NOWPAP MTS (2014-2017)</p>	<p>MERRAC</p>	<ul style="list-style-type: none"> <li>- Make the detailed proposal considering the objectives, budget information, and appropriate project titles</li> <li>- Circulate them to NOWPAP members for their comments</li> <li>- Discuss the updated plan at the next FPM</li> </ul>	<ul style="list-style-type: none"> <li>- Preparing potential MERRAC plan to be covered under NOWPAP Medium-term Strategy 2012-2017</li> <li>- A list of potential MERRAC Specific Projects</li> <li>- Plans for efficient operation of MERRAC</li> </ul>
<p>10. Other Specific projects as described by the ToR of MERRAC or decided upon by the FPM and/or IGM</p>	<p>MERRAC</p>		





**Annex VII**

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



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

Report of the seventeenth NOWPAP MERRC Focal Points Meeting & the ninth Competent National Authorities Meeting (Daejeon, Republic of Korea, 11-13 June 2014)

**Agenda 4. Overview of the progress made during the intersessional period after the sixteenth NOWPAP MERRAC Focal Points Meeting**

- Report on activities of IMO after the 16th MERRAC FPM (Mr. James N. PAW, IMO)
- Report on MERRAC activities made after the 16th MERRAC FPM (Dr. Seong-Gil KANG, MERRAC)

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

- Report on the Focal Points (Ms. Jung-Hyun LIM, MERRAC)
- Report on the Information System (Ms. Jung-Hyun LIM, MERRAC)
- Report on Oil and HNS Spill Incidents (Ms. Jung-Hyun LIM, MERRAC)
- The general progress of the implementation of the Specific Projects (Dr. Jeong-Hwan OH, MERRAC)
- Questionnaire of assistance procedure and system under the NOWPAP Plan (Dr. Choong-Ki KIM, MERRAC)
- Manual on Conduction of Oil Spill Response Operation (Dr. Natalia KUTAEVA, Russia)
- Development of Pamphlet on HNS DB and Spill Response in the NOWPAP Region (Ms. Jung-Hyun LIM, MERRAC)

**Agenda 6. Review of the 2013 NOWPAP MERRAC Expert Meeting**

- Summary of MERRAC Expert Meetings (Dr. Jeong-Hwan OH, MERRAC)
- Report of the 2013 NOWPAP MERRAC Expert Meeting (Mr. Chunchang ZHANG, China)

**Agenda 7. Sea-based marine litter activities**

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

**Agenda 8. Discussion on revision and/or amendment of NOWPAP Regional Oil and HNS Spill Contingency Plan, including its Annexes**

- Revision and/or Amendment of NOWPAP Regional Oil and HNS Spill Contingency Plan (Ms. Yoon Young BACK, MERRAC)

**Agenda 9. Discussion on the MERRAC Activities on the Medium-Term Strategy for MERRAC activities for 2014-2017 introducing the revised project proposals and ways for better operational arrangements for MERRAC**

- Medium-Term Strategy of MERRAC Activities for 2014-2017 (Dr. Choong-Ki KIM, MERRAC)

**Agenda 10. Report and Discussion on the NOWPAP Training and Exercise carried out during the last intersessional period and to be held in the near future**

- Report on the NOWPAP Training and Exercise (Ms. Jung-Hyun LIM, MERRAC)
- Report on the 12th NOWPAP BRAVO Exercise (Dr. Xiangshang ZHANG, China)
- Report on the 13th NOWPAP BRAVO Exercise (Dr. Natalia KUTAEVA, Russia)

**Agenda 11. Report of representative of CNAs on issues related to the latest progress in their respective countries**

- Japan's Disaster Relief Activities for Super-Typhoon Damage in Philippines 2014 (Mr. Kazuhisa TAKUMI, Japan)
- Introduction on the First Informal Oil Spill Preparedness and Response Technical Consultative Group Meeting of GI China (Mr. Chunchang ZHANG, China)
- Reorganization of SMPCSA (Dr. Natalia KUTAEVA, Russia)
- The Case Study of Woo Yi San in 2014 (Mr. Hyoungjun LEEM, Korea)
- Development of Shoreline Cleanup Support System (Mr. Hyoungjun LEEM, Korea)

**Agenda 12. Discussion on the efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan**

- Efficient Implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan (Dr. Jeong-Hwan OH, MERRAC)

**Agenda 15. Other matters**

- Activities of Oil Spill Response (Mr. Kiew Hock Thiam, OSR)



