

NOWPAP MERRAC

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



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Report of the 12th NOWPAP MERRAC Focal Points Meeting & the 4th Competent National Authorities Meeting

MERRAC, Daejeon

1-3 June 2009

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Report of the 12th NOWPAP MERRAC Focal Points Meeting & the 4th Competent National Authorities Meeting

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**THE TWELFTH NOWPAP MERRRAC FOCAL POINTS MEETING &
THE FOURTH COMPETENT NATIONAL AUTHORITIES MEETING
FOR NOWPAP REGIONAL OIL SPILL CONTINGENCY PLAN**

(MERRAC, Daejeon, 1-3 June 2009)

REPORT OF THE MEETING

Background

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

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

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

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

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

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

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

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

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

9. The Tenth NOWPAP IGM (Toyama, Japan, 24-26 November 2005) approved the expansion of the geographical coverage of the Plan as well as new MERRAC's activities including chemical (HNS) 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), IMO convention, and Liability and Compensation at a later stage. The meeting also decided to start the Marine Litter Activity (MALITA) to deal with marine litter problem in the NOWPAP region together with NOWPAP RCU, RACs and NOWPAP member states.

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

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

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

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

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

15. Based upon the agreement of the Eleventh MERRAC FPM and the Third CNA Meeting, the Twelfth NOWPAP MERRAC FPM and the Fourth CNA Meeting were held back to back on 1-3 June 2009 simultaneously. The list of the participants to the meeting is attached as **Annex I**. In addition, the International Workshop on the Response to Marine Pollution in the NOWPAP region and the field trip to the Hebei Spirit spill site were held on 4-5 June 2009 in Incheon, Korea, as the Expert Meeting 2009, which were co-organized by Korea Coast Guard (KCG) and MERRAC.

The Twelfth NOWPAP MERRAC Focal Points Meeting

Agenda item 1. Opening of the meeting

16. The meeting was opened at 10:00 a.m. at MERRAC (Daejeon) on 1 June 2009 by Dr. Seong-Gil KANG, Director of MERRAC. In his opening remarks, he thanked participants of the 12th MERRAC Focal Points Meeting (FPM) and the 4th Competent National Authorities (CNA) Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan. As a new Director of MERRAC, he thanked the NOWPAP members, IMO, UNEP and NOWPAP RCU for their support and contributions to MERRAC activities. Informing the adoption of the Resolution of the NOWPAP Regional Oil and HNS Spill Contingency Plan, he expressed the wish to have further co-operation to conserving and protecting the NOWPAP sea area.

17. Dr. Alexander TKALIN, Co-ordinator of NOWPAP, welcomed all participants and congratulated the MERRAC secretariat for organizing the meeting. As MERRAC is one of the oldest Regional Activity Centre, Dr. TKALIN noted that MERRAC is a good model of other RACs for building up regional co-operation such as an adoption of the NOWPAP Regional Oil and HNS Spill Contingency Plan. He hoped the meetings will be useful and productive, including the International Workshop on the Response to Marine Pollution in the NOWPAP Region.

18. On behalf of Korean government, Mr. Sang-Woon KIM, Director of Department Marine Pollution Response Planning, Korea Coast Guard warmly welcomed all participants to Korea. He noted that MERRAC meetings have been contributed the regional co-operation in the NOWPAP region, especially, the adoption of the NOWPAP Regional Oil and HNS Contingency Plan was possible because of sincere support from UNEP/NOWPAP RCU and IMO. He also expressed his hope that these meetings could be a good opportunity to increase regional cooperation on marine pollution preparedness and response.

19. The delegations of China, Japan, and Russia expressed their thanks to MERRAC for organizing the meetings as well as NOWPAP RCU, IMO, and MOERI/KORDI for their support to

MERRAC activities. They expressed the willingness to continue co-operating in MERRAC activities and wished the meeting successful and fruitful outcomes.

20. Mr. James PAW, Programme Coordinator Officer, IMO, on behalf of the Organization, welcomed the participants. He mentioned that the unprecedented global crisis has affected the maritime industry but does not necessarily equate to decrease in shipping accidents, and therefore the issue of oil pollution remains an important environmental concern. As such, countries have an obligation to prepare for such eventualities. In this connection, he underlined the importance of regional cooperation as contained in the OPRC Convention and the OPRC-HNS Protocol. He stressed that the development of the NOWPAP Regional Oil and HNS Contingency Plan is an important milestone in marine pollution mitigation in this part of the world for which other regions would look up to as a model and for an inspiration. He hoped that as the NOWPAP region gains more experience in HNS spill preparedness and response, such experience could be used to build capacity elsewhere through the Organization's Integrated Technical Co-operation Programme (ITCP). He expressed IMO's commitment to assist the NOWPAP members, NOWPAP RCU and MERRAC within its resources and capacity. In his conclusion, Mr. PAW expressed his appreciation to the government of Korea for hosting the two meetings.

Agenda item 2. Organization of the meeting

21. The meeting unanimously elected Ms. Cuiming XU, Senior Engineer of China Maritime Safety Administration (MSA), China, as chairperson, and Dr. Yutaka WATANABE, Professor of Department of Logistics and Information and Engineering, Tokyo University of Marine Science and Technology, Japan, as Rapporteur, respectively.

22. 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

23. The Director of MERRAC introduced the Provisional Agenda (UNEP/IMO/NOWPAP/MERRAC/FPM 12/1) and the Annotated Provisional Agenda (UNEP/IMO/NOWPAP/MERRAC/FPM 12/2). 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 Eleventh NOWPAP MERRAC Focal Points Meeting

24. Dr. Alexander TKALIN, Coordinator of NOWPAP, reported the general progress of NOWPAP activities, and briefly introduced the activities of the other three RACs during the intersessional period since the 11th MERRAC FPM. He noted that NOWPAP has enhanced partnerships with other regional programmes and relevant organizations, and raised public awareness on marine and coastal environment. He reported briefly the progress on NOWPAP Regional Action Plan on Marine Litter (RAP MALI). He informed the meeting on the administrative issues such as rotation of Co-ordinator and Deputy Co-ordinator between Toyama and Busan, and introduced two new P3 staff members (UNEP/IMO/NOWPAP/MERRAC/FPM 12/3).

25. Mr. James PAW, representative of IMO, made a presentation at the meeting on the latest IMO's activities (UNEP/IMO/NOWPAP/MERRAC/FPM 12/4). He informed the meeting on the regulatory activities of IMO such as the present status of Bunkers Convention, Ballast Water Management Convention, HNS Protocol, and the newly adopted International Convention on the Safe and Environmentally Sound Recycling of Ships. He also reported outcome of the IMO's Marine Environment Protection Committee work on amendments of the IBC Code, MARPOL Annex I and IV, and the 1973 Intervention, as well as the introduction of the agenda of the 9th Meeting of the OPRC-HNS Technical group to be held in July 2009. He highlighted the activities related to marine environmental protection for the last biennium under the Integrated Technical Co-operation Programme and the Major Projects, as well as the organization of the IMO's 4th R&D Forum.

26. The Director of MERRAC, reported on MERRAC's activities made during the intersessional period since the Eleventh MERRAC FPM (UNEP/IMO/NOWPAP/MERRAC/FPM 12/5). He also presented the expenditure of the budget of MERRAC for the 2008/9 biennium for the MERRAC activities (UNEP/IMO/NOWPAP /MERRAC/FPM 12/6). Delegations of NOWPAP members expressed appreciation to MERRAC for the successful implementation of these activities.

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

27. The meeting reviewed the progress on Routine Tasks and Specific Projects since the Eleventh MERRAC FPM (Annex VIII of UNEP/IMO/NOWPAP/MERRAC/FPM 11/22) and identified future activities to be continued under each task and project.

5.1. Routine Tasks

Focal Points

28. Ms. Hyon-Jeong NOH, Consultant of MERRAC, introduced the document on the Focal Points (UNEP/IMO/NOWPAP/MERRAC/FPM 12/7). She noted that all NOWPAP members submitted their updated lists of the Focal Points, which was reflected accordingly in the present document considered by the meeting. The meeting warmly welcomed new MERRAC Focal Points of Korea and Russia, Mr. Sang-Woon KIM and Mr. Andrey KHAUSTOV, respectively.

29. Ms. NOH also introduced the newly upgraded MERRAC website (<http://merrac.nowpap.org/>) and how to use the website.

Information System

30. The Consultant of MERRAC introduced the report on the Information System (UNEP/IMO/NOWPAP/MERRAC/FPM 12/8). She reported that all NOWPAP members submitted the updated list of oil spill response equipment and, institutions and experts in the field of marine pollution preparedness and response. The Consultant of MERRAC also reported that Japan, Korea and Russia had submitted the information on national performance standards and/or regulations on the application of non mechanical methods, according to the decision of the 11th MERRAC FPM.

31. Mr. Jijun Li, representative of China, informed the meeting that China has information on national performance standards and/or regulations on the application of non mechanical methods. As the information is written in Chinese, China will translate it into English and submit it during the intersessional period. The meeting suggested that MERRAC should summarize the information on national performance standards and/or regulations on the application of non mechanical methods of four NOWPAP member states and report it at the next MERRAC FPM.

32. The meeting urged member states to mark available equipment on the list of equipment which can be provided to other countries for assistance when major oil spill occurs in the NOWPAP region.

Reports on Oil and HNS Pollution Incidents

33. The Consultant of MERRAC introduced the document on the oil and HNS Pollution Incidents (UNEP/IMO/NOWPAP/MERRAC/FPM 12/9). She stated that all NOWPAP members submitted an updated list of the oil and HNS spill incidents with spillage over 10 tons. The Consultant requested NOWPAP members to report oil and HNS spill incidents as soon as they occur using the POLREP format, with a view that MERRAC would upload the information on its

website in order to share the information promptly.

34. Regarding the oil and HNS spill incidents on land, the meeting agreed that it is not a responsibility of MERRAC to list the accidents but NOWPAP member states can exchange relevant information using MERRAC network for their reference, under the spirit of the regional co-operation.

5.2. Specific Projects

35. Dr. Jeong-Hwan OH, Senior Consultant of MERRAC, reported on the general progress made in the implementation of Specific Projects, noting that all the draft reports of Specific Projects by the lead countries have been submitted to MERRAC (UNEP/IMO/NOWPAP/MERRAC/FPM 12/10).

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

- Minimum Level of Preparedness (China and Russia)
- HNS Response Operation Guideline (China and Russia)
- HNS Database (Korea)
- HNS Training Manual (Japan)
- Regional Report on HNS Preparedness and Response (MERRAC)
- Regional Report on Sea-based Marine Litter (MERRAC)

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

Minimum Level of Preparedness (China and Russia)

38. Mr. Chunchang ZHANG, China, presented the draft final report on Minimum Level of Preparedness and Response including the conclusions and recommendations which were made based upon the results of self assessment on preparedness and oil spill risk assessment (UNEP/IMO/NOWPAP/MERRAC/FPM 12/10 Annex 4). After reviewing the results, the meeting agreed to terminate the Project and to publish the results as the MERRAC technical report on Minimum Level of Preparedness after receiving the editorial comments from member states within 1 or 2 months and subsequent revision.

39. Delegation of Russia suggested the necessity of the survey on the quantitative minimum level of preparedness. The meeting agreed to carry out new project to survey the quantitative minimum level of preparedness for the port, oil terminal and off-shore platform referring to the relevant information/guidelines or standards of the NOWPAP member states, and other countries and/or regions. It was agreed that this survey will include on how many and/or what kinds of response resources should be maintained at the port, oil terminal and off-shore platform as the minimum level of preparedness against oil spills consistent with tiered preparedness and response concept. The leading expert of Specific Project of minimum level of preparedness informed the meeting that this new project will be carried out by the same Expert Group without any additional budget and call for the information from member states. The meeting agreed with the proposal.

HNS Response Operation Guideline (China and Russia)

40. Mr. Chunchang ZHANG, China, presented the draft final report of the project, which was composed of 2 parts, the HNS response operation guidelines and NOWPAP Guidelines on response to accidents at sea involving spills of HNS (UNEP/IMO/NOWPAP/ MERRAC/FPM 12/10 Annex 5). The meeting agreed to finalize the project after review by member states within 1 or 2 months. Considering that the first part deals with the general description on the HNS hazard and characteristics, behavior and so on, the meeting agreed to publish the second part only as the MERRAC technical report on the NOWPAP Guidelines on HNS response operation.

HNS Database (Korea)

41. Following the presentation by Dr. Moon-Jin LEE, Korea (UNEP/IMO/NOWPAP/ MERRAC/FPM 12/10 Annex 6), the meeting agreed to terminate the project and publish the results as the MERRAC technical report on the HNS database after review by member states within 1 or 2 months. The meeting also decided to upload the HNS database of the NOWPAP region to MERRAC website with the relevant links to other regions or countries.

HNS Training Manual (Japan)

42. Following the presentation by Mr. Yasuhiro URANO, Japan (UNEP/IMO/NOWPAP/ MERRAC/FPM 12/10 Annex 7), the meeting agreed to continue this project with a view that the submitted manual is very meaningful results and needed to be reported to IMO's OPRC-TG meeting as remarkable accomplishment of the NOWPAP region after being revised accordingly. The representative of IMO commented that it is necessary to submit the report 20 weeks prior to OPRC-TG meeting. The Russian delegation mentioned that draft joint submission to IMO should be submitted to NOWPAP member states for final approve in advance due to internal approval procedures. The meeting also urged NOWPAP member states to report at IMO's meetings on behalf of NOWPAP in order to reduce travel expenses of MERRAC.

Regional Report on HNS Preparedness and Response (MERRAC)

43. Dr. Jeong-Hwan OH, Senior Consultant of MERRAC presented a draft regional report on HNS preparedness and response (UNEP/IMO/NOWPAP/MERRAC/FPM 12/10 Annex 8). After continuously updating the report based upon the result made by Specific Projects related to HNS issue, the updated regional report will be submitted and reviewed by the 13th MERRAC FPM. For sharing general information on HNS in the NOWOPAP region, MERRAC will upload the updated regional report at the MERRAC website.

Regional Report on Sea-based Marine Litter (MERRAC)

44. Ms. Hyon-Jeong Noh, Consultant of MERRAC, reported that the regional report on sea-based marine litter has been finalized and published during the intersessional period (UNEP/IMO/NOWPAP/MERRAC/FPM 12/10 Annex 9). She expressed thanks to NOWPAP member states, NOWPAP RCU and IMO for their support and contribution.

Agenda item 6. Development of NOWPAP Regional Oil and HNS Spill Contingency Plan

45. Dr. Jeong-Hwan OH, Senior Consultant of MERRAC, reported that the Resolution of NOWPAP Regional Oil and HNS Spill Contingency Plan was adopted by the Thirteenth NOWPAP IGM (20-21 October 2008, Jeju, Republic of Korea) and came into effect (UNEP/IMO/NOWPAP/MERRAC/FPM 12/11).

46. Regarding the POLREP, the meeting reviewed the four kinds of draft POLREPs submitted by Russia and IMO. Among the suggested POLREPs, the Russian delegation explained the submitted POLREP format by reviewing each part, i.e. POLWARN, POLINF and POLFAC. The meeting agreed to replace the annex 4 to NOWPAP Regional Oil and HNS Spill Contingency Plan with POLREP proposed by Russia as set out in **Annex IV**.

47. Regarding the Annex 9 of NOWPAP Regional Oil and HNS Spill Contingency, the meeting agreed to utilize the database as the annex entitled "List of HNS which might be covered under the Plan," which was developed by the Specific Project on HNS database. The meeting also agreed to update the annex every year and to add the annex to NOWPAP Regional Oil and HNS Spill Contingency after modifying the format. MERRAC will circulate the modified format to MERRAC Focal Points for their comment by e-mail.

Agenda item 7. Sea-based Marine Litter Activities

48. Dr. Alexander TKALIN, Coordinator of NOWPAP, highlighted several activities implemented under the NOWPAP Regional Action Plan on Marine Litter (RAP MALI) since its approval at the Twelfth NOWPAP IGM (UNEP/IMO/NOWPAP/MERRAC/FPM 12/12). He explained public awareness activities, ICC campaigns, the guidelines published as well as national efforts of NOWPAP member states to address the marine litter problem.

49. Ms. Hyon-Jeong Noh, Consultant of MERRAC, reported on the MERRAC activities carried out under RAP MALI project (UNEP/IMO/NOWPAP/MERRAC/FPM 12/13). The meeting agreed to develop a technical report on technologies and research outcomes on prevention, collection and treatment of marine litter by establishing Expert Group consisting of experts nominated by MERRAC Focal Points and/or Marine Litter Focal Points. MERRAC will also develop an assessment report of port reception facilities by updating the port reception facility part of the regional report on sea-based marine litter based on the information from the IMO GISIS website. The meeting urged member states to contribute and support the MERRAC activities for its successful implementation of RAP MALI by providing relevant information when MERRAC develops relevant reports.

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

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

50. Dr. Jeong-Hwan OH, Senior Consult of MERRAC, introduced a progress report on the activities related to NOWPAP Training and Exercise (UNEP/IMO/NOWPAP/MERRAC/FPM 12/14).

51. Mr. Chunchang ZHANG, representative of China, reported on the activities and outcome of the 2nd NOWPAP Joint Oil Spill Exercise co-organized by China and Korea in September 2008 (Annex I to UNEP/IMO/NOWPAP/MERRAC/FPM 12/14), which mobilized 27 vessels, 1 fixed wing aircrafts, 1 helicopter, 1 emergency command vehicles and more than 400 participants. The meeting noted that the exercise was very meaningful and successful.

52. The meeting noted the suggestion of Russia that NOWPAP DELTA should be organized once a year, if possible. The representative of Russia hoped that all NOWPAP member states would be invited as participating countries or observers when the NOWPAP DELTA exercise would be organized in the future.

53. Mr. Yasuhiro URANO, representative of Japan reported the 2nd NOWPAP BRAVO exercise held in January 2009. Dr. Se-Jin PARK, representative of Korea reported the 3rd NOWPAP BRAVO exercise held in April 2009 (Annex II to UNEP/IMO/NOWPAP/MERRAC/FPM 12/14).

54. Based on the experience of the 2nd and 3rd NOWPAP BRAVO exercise, the main issues were time interval and fax communications. The representative of Russia suggested using e-mail communication method together with fax during NOWPAP BRAVO. The meeting agreed that it is up to the leading country to decide the details of NOWPAP BRAVO such as time interval and contents.

55. The meeting agreed to organize NOWPAP BRAVO continuously twice a year, and China and Russia were invited to lead NOWPAP BRAVO during the intersessional period after the 12th MERRAC FPM, around November 2009 and April 2010 respectively.

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

56. Dr. Natalia KUTAEVA, representative of Russia, reported BALEX DELTA 2008 Exercise with participation of 6 countries and European Maritime Safety Agency (EMSA) under leadership of Russia in the Baltic Sea in August 2008. She introduced the BALEX DELTA 2008 purposes and scenarios as well as results and outcomes. The meeting noted BALEX DELTA 2008 Exercise as a good example for NOWPAP DELTA.

57. Dr. Se-Jin PARK, representative of Korea reported their national contingency plan which was updated and revised accordingly during the 2008. He noted that the updated national contingency plan will be submitted for amending and updating the regional contingency plan as one of annexes as soon as prepared.

58. The representative of Russia reported their national contingency plan including Regional Contingency Plan for Oil Spill Prevention and Response at Far-East Marine Basin of the Russian Federation, which is being developed. The results of Aniva Bay exercise held on May 2009 were also explained to the meeting for their reference.

59. Regarding the questions of ratification status of OPRC Convention and OPRC-HNS protocol of NOWPAP member states, representative of China informed that ratification of the Protocol is under preparation. Representative of Russia informed that although Russia has not ratified the OPRC Convention yet, relevant national procedures for accession to OPRC Convention are under completion.

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

Agenda item 10. Conduct of a Table-top Exercise

61. Mr. Daniel CHAN of *Oil Spill Response* was invited to lead a table-top exercise based on the scenario developed by MERRAC with technical support of IMO and *Oil Spill Response*. The meeting participants were invited to take part in the table top exercise.

62. The meeting noted that table top exercise is very useful, and agreed to organize a table-top exercise continuously at next CNA meetings to build regional capacity and increase understanding of the NOWPAP Regional Oil and HNS Spill Contingency Plan. MERRAC was requested to contact *Oil Spill Response* for preparation of next table top exercise during the intersessional period.

Agenda item 11. Discussion on Efficient Implementation of NOWPAP Regional Oil Spill Contingency Plan

63. After considering various opinions to financial procedure of assisting response resources described in the article 6.2.3 of the NOWPAP Regional Oil and HNS Spill Contingency Plan, the meeting agreed to mark "available equipment" by adding the columns of Information System of Equipment which is maintained as MERRAC Routine Tasks together with the information of their cost and/or rate. MERRAC will distribute the revised format of INFORMATION SYSTEM ON EQUIPMENT to NOWPAP member states during the intersessional period.

The Twelfth NOWPAP MERRAC Focal Points Meeting

Agenda item 12. Discussion on the proposed workplan and budget for the MERRAC activities for the 2010/2011 biennium, based upon the decision by the Thirteenth NOWPAP Intergovernmental Meeting

64. Dr. Seong-Gil KANG, Director of MERRAC, proposed a draft workplan and budget of MERRAC for the 2010/11 biennium to the meeting (UNEP/IMO/NOWPAP/MERRAC/FPM 12/18). After the discussion on three proposed budget options suggested by MERRAC, the meeting selected one option considering MERRAC activities and adding the more detailed information.

65. The meeting finalized the draft workplan and budget for the MERRAC activities for the next biennium, and agreed to submit it to the 14th NOWPAP IGM for their approval, as attached in **Annex V** and **VI**. The meeting participants expressed their concerns that ballast water issue could not be started at current stage and may be implemented subject to the decision of IGM & FPM and availability of budget.

Agenda item 13. Arrangement of intersessional work and venues and dates of the Thirteenth NOWPAP MERRAC Focal Points Meeting and the Fifth Competent National Authorities for NOWPAP Regional Oil and HNS Spill Contingency Plan

66. Following the presentation of the MERRAC secretariat, the Routine Tasks and the Specific Projects for 2009 were rearranged as attached in **Annex VII**.

67. The Meeting participants agreed to hold the Thirteenth NOWPAP MERRAC Focal Points Meeting in May-June 2010, in conjunction with the Fifth Competent National Authorities Meeting in order to save the budget. The meeting decided to organize the meetings in MERRAC.

Agenda item 14. Other Matters

68. Mr. Chunchang ZHANG introduced that Yantai Oil Spill Response Technical Center of China MSA is conducting oil spill monitoring using satellite in the Bohai Sea and Yellow Sea. Director of MERRAC informed that activities relevant to remote sensing are implemented by CEARAC and the detailed information can be downloaded at CEARAC website (<http://cearac.poi.dvo.ru/en/>). The meeting invited CEARAC to present their activities related to remote sensing at the next MERRAC FPM.

69. Mr. Woo-Rack SUH of Korea Marine Environment Management Corporation (KOEM) reported on compensation issues related to international oil pollution compensation regime and *Hebei Spirit* incident to share the information with the NOWPAP member states for their reference.

Agenda item 15. Adoption of the report of the Meeting

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

Agenda item 16. Closure of the Meeting

71. After the customary exchange of courtesies the Chairperson declared the Meeting closed at 1:30 p.m. on Wednesday, 3 June 2009.

ANNEX CONTENTS

Annex I List of Participants

Annex II List of Documents

Annex III Agenda

Annex IV POLREPs of NOWPAP Regional Oil and HNS Spill Contingency Plan

Annex V Draft Workplan for MERRAC Activities for the 2010/2011 Biennium

Annex VI Proposed Budget for MERRAC Activities for the 2010/2011 Biennium

Annex VII List of the Tasks, Lead Country/Agency, Required Actions and Expected Outputs for 2009

Annex VIII List of the files in the CD-ROM

Annex I

List of Participants

Annex I.

List of Participants to the the 12th NOWPAP MERRAC Focal Points Meeting & 4th CNA Meeting & the International Workshop on the Response to Marine Pollution in the NOWPAP Region (MERRAC, 1-4 June 2009)

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Annex II

List of Documents

Annex II.

**LIST OF DOCUMENTS FOR THE TWLEFTH MERRAC FOCAL POINTS MEETING AND THE
FOURTH COMPETENT NATIONAL AUTHORITIES MEETING**

Working Documents

UNEP/IMO/NOWPAP/MERRAC/FPM 12/1	Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 12/2	Annotated Provisional Agenda
UNEP/IMO/NOWPAP/MERRAC/FPM 12/3	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 12/4	Report on the Activities of IMO Made After the Eleventh MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 12/5	Report on MERRAC Activities Made After the Eleventh MERRAC Focal Points Meeting
UNEP/IMO/NOWPAP/MERRAC/FPM 12/6	Report on the Annual Expenditure of MERRAC Budget for the 2008/2009 Biennium
UNEP/IMO/NOWPAP/MERRAC/FPM 12/7	Report on the Focal Points
UNEP/IMO/NOWPAP/MERRAC/FPM 12/8	Report on the Information System
UNEP/IMO/NOWPAP/MERRAC/FPM 12/9	Report on the Oil and HNS Spill Incidents

UNEP/IMO/NOWPAP/MERRAC/FPM 12/10	Progress Report on the Implementation of the MERRAC Specific Projects
UNEP/IMO/NOWPAP/MERRAC/FPM 12/11	Development of NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 12/12	Implementation of the NOWPAP RAP MALI
UNEP/IMO/NOWPAP/MERRAC/FPM 12/13	Report of MERRAC Activities on RAP MALI
UNEP/IMO/NOWPAP/MERRAC/FPM 12/14	Report on the NOWPAP Training and Exercise
UNEP/IMO/NOWPAP/MERRAC/FPM 12/15	Latest Progress Report on the Oil and HNS Pollution Preparedness and Response in the NOWPAP Region
UNEP/IMO/NOWPAP/MERRAC/FPM 12/16	A Table Top Exercise for the Efficient Implementation of the NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 12/17	Discussion on Efficient Implementation of the NOWPAP Regional Oil and HNS Spill Contingency Plan
UNEP/IMO/NOWPAP/MERRAC/FPM 12/18	Draft Proposed Workplan and Budget of MERRAC Activities for the 2010/2011 Biennium
UNEP/IMO/NOWPAP/MERRAC/FPM 12/19	Draft Arrangements of the Existing Tasks and Identification of Additional Tasks for Intersessional Works

UNEP/IMO/NOWPAP/MERRAC/FPM 12/INF1 List of Documents

UNEP/IMO/NOWPAP/MERRAC/FPM 12/INF2 Time Schedule

Appendix

UNEP/IMO/NOWPAP/MERRAC/FPM 12/Appendix 1 The NOWPAP Regional Oil and HNS Spill Contingency Plan

Reference Documents

UNEP/IMO/NOWPAP/MERRAC/FPM 11/22 Report of 11th NOWPAP MERRAC Focal Points Meeting and the 3rd Competent National Authorities Meeting (MERRAC, Daejeon, 10-13 June 2008)

UNEP/IMO/NOWPAP/MERRAC/FPM 10/24 Report of the 10th MERRAC Focal Points Meeting and the 2nd Competent National Authorities Meeting (MERRAC, Daejeon, 15-18 May 2007)

UNEP/NOWPAP IG. 13/9 Report of the 13th Intergovernmental Meeting of the Northwest Pacific Action Plan (Jeju, Republic of Korea, 20-21 October 2008)

UNEP/NOWPAP IG. 12/11 Report of the 12th Intergovernmental Meeting of the Northwest Pacific Action Plan (Xiamen, People's Republic of China, 23-25 October 2007)

UNEP/NOWPAP IG. 10/10 Report of the 10th Intergovernmental Meeting of the Northwest Pacific Action Plan (Toyama, Japan, 24-26 November 2005)

Annex III

Agenda

Annex III. Agenda**The Twelfth NOWPAP MERRAC Focal Points Meeting and the Fourth Competent National Authorities Meeting for NOWPAP Regional Oil and HNS Spill Contingency Plan (MERRAC, Daejeon, 1 - 3 June 2009)**The Twelfth NOWPAP MERRAC Focal Points Meeting

1. Opening of the Meeting
2. Organization of the Meeting
 - 2.1. Election of the Officers
 - 2.2. Organization of Work
3. Adoption of the Agenda
4. Overview of the progress made during the intersessional period after the Eleventh NOWPAP MERRAC Focal Point Meeting
 - 4.1. Report of a representative of UNEP and/or NOWPAP RCU on the progress of the entire NOWPAP activities made after the Eleventh NOWPAP MERRAC Focal Points Meeting
 - 4.2. Report of a representative of IMO on the latest activities related to marine pollution prevention, preparedness and response
 - 4.3. Report of the Director of MERRAC on the activities and the budget expenditures made during intersessional period after the Eleventh NOWPAP MERRAC Focal Points Meeting
5. Review of the progresses made for each of the tasks agreed at the Eleventh NOWPAP MERRAC Focal Points Meeting, and identification of continuous work
 - 5.1. Routine tasks
 - Focal Points
 - Information System (Equipment, institution, experts, and performance standard)
 - Report on Oil and Hazardous Noxious Substances (HNS) Pollution Incidents

- 5.2. Specific Projects
 - Minimum Level of Preparedness (China & Russia)
 - HNS related Specific projects
 - . HNS response operation guideline (China & Russia)
 - . HNS database (Korea)
 - . Manual for HNS Training (Japan)
 - Regional Report on HNS Preparedness and Response
- 5.3 Discussion and Identification for Future Activities
6. Development of NOWPAP Regional Oil and HNS Spill Contingency Plan
 - 6.1. Report and Review of the NOWPAP Regional Oil and HNS Spill Contingency Plan and the associated Resolution, which were adopted by the Thirteenth NOWPAP Intergovernmental Meeting
 - 6.2. Identification of the future work necessary for the development of the NOWPAP Regional Oil and HNS Spill Contingency Plan
7. Sea-based Marine Litter Activities
 - 7.1. Report on NOWPA Regional Action Plan on Marine Litter (RAP MALI) by NOWPAP RCU
 - 7.2. Report on NOWPA Regional Action Plan on Marine Litter (RAP MALI) by MERRAC

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

8. Report and discussion on the NOWPAP Training and Exercise carried out during the last intersessional period and to be held in the near future
 - Report of a representative of China on the 2nd NOWPAP Joint Oil Spill Exercise
 - Report of a representative of Japan on the NOWPAP Bravo Exercise
 - Report of a representative of Korea on the NOWPAP Bravo Exercise
9. Report of representative of CNAs on issues related to latest progress in their respective countries including (*if existed*)
 - National Contingency Plan
 - Case Studies of Recent National Oil/HNS Spills
 - National/Sub-regional Training and Exercise
 - Report of a representative of Russia on the Balex Delta

- Others

10. Conduct of a Table-top Exercise
11. Discussion on efficient implementation of NOWPAP Regional Oil and HNS Spill Contingency Plan

The Twelfth NOWPAP MERRAC Focal Points Meeting

12. Discussion on the proposed workplan and budget for the MERRAC activities for the 2010/2011 biennium, based upon the decision by the Thirteenth NOWPAP Intergovernmental Meeting
13. Arrangement of intersessional work and venues and dates of the Thirteenth NOWPAP MERRAC Focal Points Meeting and the Fifth Competent National Authorities for NOWPAP Regional Oil and HNS Spill Contingency Plan
14. Other Matters
15. Adoption of the report of the Meeting
16. Closure of the Meeting

**The International Workshop on the Response
to Marine Pollution in the NOWPAP Region**

* According to the decision of the 11th MERRAC Focal Points Meeting, the 2009 MERRAC Expert Meeting in form of the International Workshop was held back to back with the 12th MERRAC FPM and 4th CNA Meeting.

- Venue of the Workshop: Incheon, the Republic of Korea
- Period: 5 June, 2009 (after the 12th NOWPAP MERRAC Focal Points Meeting)
- Side event: Field trip to the Hebei Spirit spill site (Taean, June 4 2009, PM)
- A Photo Exhibition will be held outside of Meeting room during workshop.

Annex IV

POLREPs of NOWPAP Regional Oil and HNS Spill Contingency Plan

POLREP**Pollution Reporting System**

1 The pollution reporting system is for use between the NOWPAP Members as Annex 4 to the NOWPAP Regional Oil and HNS Spill Contingency Plan for Northwest Pacific Region (hereby – NOWPAP Regional Contingency Plan) and between the NOWPAP members and MERRAC, for exchanging information when pollution of the sea has occurred or when a threat of such is present.

2 The POLREP is divided into three parts:

Part 1 or POLWARN (numbers 1 - 5)	<u>POL</u> lution <u>WAR</u> Ning	gives information or warning of pollution or threat of pollution
Part II or POLINF (numbers 40 - 60)	<u>POL</u> lution <u>IN</u> Formation	gives detailed supplementary information as well as situation reports
Part III or POLFAC (numbers 80 - 99)	<u>POL</u> lution <u>FAC</u> ilities	Is used for requesting assistance from other NOWPAP Members and for defining operational matters related to the assistance

The division into three parts is for identification purposes only. For this reason, consecutive numbers are not used. This enables the addressee or addressees to know merely by looking at the numbers whether they are dealing with Part I (1 - 5), Part II (40 - 60) or Part III (80 - 99). This method or division should in no way exclude the use of all numbers in a full report or the separate use of single numbers from each part or the use of single numbers from different parts mixed in one report.

When Part I is used as a warning, the use of the priority transmission code "URGENT" is optional. Such a message should always be followed up by a supplementary POLREP or be cancelled.

Part II is used to give detailed information about the incident.

Part III is used for matters related to assistance and operational matters exclusively.

Each single report should be identifiable. The receiving combating authority should be in a position to check if all reports of the incident in question have been received. This is done by using a serial number preceded by a national identification, e.g. "RU 1/1".

The national identifiers could be proposed as the following:

People's Republic of China	CH
Japan	JP
Republic of Korea	KR
Russian Federation	RU

The number of report before the stroke indicates the pollution to which the report refers and is used because a NOWPAP Member may have to deal with several slicks or pollution incidents simultaneously. The number following the stroke indicates the actual number of reports which have been originated on the pollution in question.

"RU 1/1" thus indicates the first report of the pollution in question. "RU 1/2" will in accordance with the described system then indicate the second report of the same pollution.

The last and final POLREP will show as follows: "RU 1/5 FINAL", which means that this is the fifth and final report concerning the first pollution.

If the pollution caused by the incident splits up in clearly separate patches - in this example two - the wording, "RU 1/2 now splitting in RU 2 and 3" should be indicated in the last report from the incident identified by the number 1 preceding the stroke.

The first reports from the two patches originating from the incident first reported will then be numbered RU 2/1 and RU 3/1, and consecutive numbering could then be used after the stroke.

In order to keep the receivers of POLREP informed of all the transmitted reports, the combating authority sending the POLREP must after the serial number include information on the recipients of the earlier transmitted POLREPs, e.g.:

RU 2/5 - RU 2/1 for JP and CH
RU 2/2 for JP
RU 2/3 for KR
RU 2/4 for JP and CH

Concerning the numbers 5, 60 and 99, it is emphasized that "ACKNOWLEDGE" made by the combating authority addressed should be with reference to the serial number in question, e.g. "your RU 2/1".

By answering a POLREP, the serial number used by the transmitting combating authority is to be used as reference in the answer (see above). However, it is not necessary for countries to adhere to the POLREP system in responding to POLREPs.

If the POLREP is used in exercises, the text is to be introduced with the word "EXERCISE" and finished with the same word repeated three times. The same procedure should also be used for the following reports which deal with the exercise.

A summarized list of POLREP numbers is given below.

3 A summarized list of POLREP is given below.

Address from to

INTRODUCTORY
PART

Date Time Group
Identification
Serial number

	1	Date and time
	2	Position
PART I (POLWARN)	3	Incident
	4	Outflow
	5	Acknowledge

	40	Date and time
	41	Position
	42	Characteristics of pollution
	43	Source and cause of pollution
	44	Wind direction and speed
	45	Current or tide
	46	Sea state and visibility
PART II (POLINF)	47	Drift of pollution
	48	Forecast
	49	Identity of observer and ships on scene
	50	Action taken
	51	Photographs or samples
	52	Names of other States informed
	53-59	Spare
	60	Acknowledge

	80	Date and time
	81	Request for assistance
PART III (POLFAC)	82	Cost
	83	Pre-arrangements for the delivery
	84	Assistance to where and how
	85	Other States requested
	86	Change of command
	87	Exchange of information
	88-98	Spare
	99	Acknowledge

EXPLANATION OF A POLREP MESSAGE

INTRODUCTORY PART

Contents	Remarks
ADDRESS	<p>Each report should start with an indication of the country whose competent national authority is sending it and of addressee e.g.:</p> <p>FROM: RU (indicates the country which sends the report and sender/focal point)</p> <p>TO: JA (indicates the country to which it is sent and focal point recipient/focal point) <u>or</u></p> <p>MERRAC (indicates that the message is sent to the MERRAC).</p>
DTG (Day Time Group)	<p>The day of the month followed by the time (hour and minute) of drafting the message. Always 6 figures group which may be followed by month indication. Time should be stated either as GMT, e.g. 092015Z june (i.e. the 9th of the relevant month at 20.15 GMT) or as local time e.g. 092115LT june.</p>
IDENTIFICATION	<p>"POL..." indicates that the report might deal with all aspects of pollution (such as oil as well as other harmful substances).</p> <p>".....REP" indicates that this is a report on a pollution incident. It can contain up to 3 main parts:</p> <p>Part I (POLWARN) - is an <u>initial notice</u> (a first information or a warning) of a casualty or the presence of oil slicks or harmful substances. This part of the report is numbered from 1 to 5.</p> <p>Part II (POLINF) - is a <u>detailed supplementary</u> report to Part I. This part of the report is numbered from 40 to 60.</p> <p>Part III (POLFAC) - is for <u>requests for assistance</u> from other Contracting Parties, as well as for defining operational matters related to the assistance. This part of the report is numbered from 80 to 99.</p> <p>NOWPAP indicates that the message is sent within the framework of the NOWPAP Regional Oil Spill Contingency Plan for Northwest Pacific Region.</p> <p>Parts I, II and III can be transmitted all together in one report or separately. Furthermore, single figures from each part can be transmitted separately or combined with figures from the two other parts.</p>

Figures without additional text shall not appear in the POLREP.

When Part I is used as warning of a serious threat, the message should be headed with the traffic priority word "URGENT".

All POLREPs containing ACKNOWLEDGE figures (5, 60 or 99) should be acknowledged as soon as possible by the competent national authority of the country receiving the message.

POLREPs should always be terminated by a message from the reporting NOWPAP Member, which indicates that no more operational communication on that particular incident can be expected.

Contents	Remarks								
SERIAL NUMBER	<p data-bbox="576 421 1361 551">Each single report should be possible to identify and the receiving agency should be in a position to check whether all reports of the incident in question have been received. This is done by using a nation-identifier:</p> <table data-bbox="568 589 1177 707"><tbody><tr><td data-bbox="568 589 890 616">People's Republic of China</td><td data-bbox="1137 589 1177 616">CH</td></tr><tr><td data-bbox="568 618 639 645">Japan</td><td data-bbox="1137 618 1177 645">JP</td></tr><tr><td data-bbox="568 647 783 674">Republic of Korea</td><td data-bbox="1137 647 1177 674">KR</td></tr><tr><td data-bbox="568 676 799 703">Russian Federation</td><td data-bbox="1137 676 1177 703">RU</td></tr></tbody></table> <p data-bbox="568 741 1254 768">MERRAC MERRAC</p> <p data-bbox="576 813 1361 943">The nation-identifier should be followed by a stroke and the name of the ship or other installation involved in the accident and another stroke followed by the number of the actual report concerning this particular accident. For example:</p> <p data-bbox="576 981 1361 1043">RU/POLLUX/1 indicates that this is the first report from Russian Federation concerning the accident of MT "POLLUX".</p> <p data-bbox="576 1081 1361 1144">RU/POLLUX/2, in accordance with the described system, indicates the second report on the same incident.</p>	People's Republic of China	CH	Japan	JP	Republic of Korea	KR	Russian Federation	RU
People's Republic of China	CH								
Japan	JP								
Republic of Korea	KR								
Russian Federation	RU								

Part I (POLWARN)

Contents	Remarks
1 DATE AND TIME	The day of the month as well as the time of the day when <u>the incident</u> took place or, if the cause of the pollution is not known, the time of the observation should be stated with 6 figures. Time should be stated as GMT for example, 091900z (i.e. the 9th of the relevant month at 1900 GMT) or as local time for example, 091900lt (i.e. 9th of the relevant month at 1900 local time)
2 POSITION	Indicates the main position of the incident in latitude and longitude in degrees and minutes and may, in addition, give the bearing of and the distance from a location known by the receiver.
3 INCIDENT	The nature of the incident should be stated here, such as BLOWOUT, TANKER GROUNDING, TANKER COLLISION, OIL SLICK, etc.
4 OUTFLOW	The nature of the pollution, such as CRUDE OIL, CHLORINE, DINITROL, PHENOL, etc. as well as the total quantity in tonnes of the outflow and/or the flow rate, as well as the risk of the further outflow. If there is no pollution but a pollution threat, the words NOT YET followed by the substance, for example, NOT YET FUEL OIL, should be stated.
5 ACKNOWLEDGE	When this figure is used the telex should be acknowledged as soon as possible by the competent national authority.

Part II (POLINF)

Contents	Remarks
40 DATE AND TIME	No. 40 relates to the situation described in figures 41 to 60 if it varies from figure 1.
41 POSITION AND/OR EXTENT OF POLLUTION ON/ ABOVE/IN THE SEA	Indicates the main position of the pollution in latitude and longitude in degrees and minutes and may in addition give the distance and bearing of some prominent landmark known to the receiver if other than indicated in figure 2. Estimate amount of pollution (e.g. size of polluted areas, number of tonnes of oil spilled if other than indicated in figure 4, or number of containers, drums etc. lost). Indicates length and width of slick given in nautical miles if not indicated in figure 2.
42 CHARACTERISTICS OF POLLUTION	Gives type of pollution, e.g. type of oil with viscosity and pour point, packaged or bulk chemicals, sewage. For chemicals give proper name or United Nations number if known. For all, give also appearance, e.g. liquid, floating solid, liquid oil, semi-liquid sludge, tarry lumps, weathered oil, discolouration of sea, visible vapour. Any markings on drums, containers, etc. should be given.
43 SOURCES AND CAUSE OF POLLUTION	For example, from vessel or other undertaking. If from vessel, say whether as a result of a deliberate discharge or casualty. If the latter, give brief description. Where possible, give name, type, size, call sign, nationality and port of registration of polluting vessel. If vessel is proceeding on its way, give course, speed and destination.
44 WIND DIRECTION AND SPEED	Indicates wind direction and speed in degrees and m/s. The direction always indicates from where the wind is blowing.
45 CURRENT DIRECTION AND SPEED AND/OR TIDE	Indicates currents direction and speed in degrees and m/s. The direction always indicates the direction in which the current is flowing.
46 SEA STATE AND VISIBILITY	Sea state indicated as wave height in metres. Visibility in nautical miles.
47 DRIFT OF POLLUTION	Indicates drift course and speed of pollution in degrees and knots and tenths of knots. In case of air pollution (gas cloud) drift speed is indicated in m/s.
48 FORECAST OF LIKELY EFFECT OF POLLUTION AND ZONES AFFECTED	For example, arrival on beach with estimated timing. Results of mathematical models.
49 IDENTITY OF OBSERVER/REPORTER IDENTITY OF SHIPS ON SCENE	Indicates who has reported the incident. If a ship name home port, flag and call sign must be given. Ships on scene can also be indicated under this item by name, home port, flag and call sign, especially if the polluter cannot be identified and the spill is considered to be of recent origin.

50 ACTION TAKEN	Any action taken in response to the pollution.
51 PHOTOGRAPHS OR SAMPLES	Indicates if photographs or samples from the pollution have been taken. Telex number of the sampling authority should be given.
52 NAMES OF OTHER STATES AND ORGANIZATIONS INFORMED	Only to be filled in if not cover by number 81, e.g. if further assistance is later needed by other States.
53 - 59	SPARE FOR ANY OTHER RELEVANT INFORMATION (e.g. results of sample or photographic analysis, results of inspection of surveyors, statements of ship's personnel, etc.)
60 ACKNOWLEDGE	When this figure is used the message should be acknowledged as soon as possible by the competent national authority.

Part III (POLFAC)

Contents	Remarks
80 DATE AND TIME	No. 80 is related to the situation described below, if it varies from figures 1 and/or 40.
81 REQUEST FOR ASSISTANCE	Type and amount of assistance required in form of: - specified equipment - specified equipment with trained personnel - complete strike teams - personnel with special expertise with indication of country requested.
82 COST	Requirements for cost information to requesting country of delivered assistance.
83 PRE-ARRANGEMENTS FOR DELIVERY OF ASSISTANCE	Information concerning customs clearance, access to territorial waters, etc. in the requesting country
84 TO WHERE ASSISTANCE SHOULD BE RENDERED AND HOW	Information concerning the delivery of the assistance, e.g. rendez-vous at sea with information on frequencies to be used, call sign and name of supreme on-scene commander of the requesting country, or land-based authorities with telephone, telex and fax numbers and contact persons.
85 NAMES OF OTHER STATES AND ORGANIZATIONS	Only to be filled in if not covered by figure 81, e.g. if further assistance is later needed by other NOWPAP Member.
86 CHANGE OF COMMAND	When a substantial part of an oil pollution or serious threat of oil pollution moves or has moved into the zone of another NOWPAP Member, the country which has exercised the supreme command of the operation may request the other country to take over the supreme command.
87 EXCHANGE OF INFORMATION	When a mutual agreement has been reached between two parties on a change of supreme command, the country transferring the supreme command should give a report on all relevant information pertaining to the operation to the country taking over the command.
88 - 98	SPARE FOR ANY OTHER RELEVANT REQUIREMENTS OR INSTRUCTIONS
99 ACKNOWLEDGE	When this figure is used the telex should be acknowledged as soon as possible by the competent national authority.

POLREP
Example No.1
Full Report (Parts I, II and III)

Address	From: RU, SMPCSA To: JP, JCG/contact point and MERRAC
Date Time Group Identification Serial number	181100z june POLREP NOWPAP RU/POLLUX1/2
1 Date and time 2 Position 3 Incident 4 Outflow	1 181000z 2 43°31'N - 140°54'E 3 Tanker collision 4 Crude oil, estimated 3000 tonnes

41 Position and/or extent of pollution on/above/in sea	The oil is forming a slick 0.5 nautical miles to the south-west. With up to 0.3 nautical miles.
42 Characteristics of pollution	Crude oil. Viscosity 3780 cSt at 37.8°C. Rather viscous.
43 Source and cause of pollution	Liberian tanker POLLUX, 22000 GRT, call sign xxx in collision with Russian bulk carrier CASTOR, 30000 GRT, call sign yyy. Two tanks damaged in POLLUX. No damage in CASTOR.
44 Wind direction and speed	90 - 10 m/s.
45 Current direction and speed and/or tide	180 - 0.3 knots.
46 Sea state and visibility	Wave height 2 m. 10 nautical miles.
47 Drift of pollution	240 - 0.5 knots.
48 Forecast of likely effects pollution and zones affected	Could reach Japanese coast on the 21 st of of this month
49 Identity of observer/reporter Identity of ships on scene	CASTOR, figure 43 refers.
50 Action taken	3 Briggs antipollution vessels with high oil recovery and dispersant spraying capacity on route to the area.
51 Photographs or samples	Oil samples have been taken. Telex 123456 XYZ Ru.
52 Names of other States and organizations informed	KO; MERRAC
53 Spare	Russian national contingency plan is activated.

81 Request for assistance	JP is requested for 1 surveillance aircraft with remote sensing equipment.
82 Cost	JP is requested for an approximate cost rate per day of assistance rendered.

- | | | |
|----|---|---|
| 83 | Pre-arrangements for the delivery of assistance | JP plane will be allowed to enter RU air space for spill surveillance and RU airports for logistics, informing NOSC beforehand. |
| 84 | To where assistance should be rendered and how | Rendez-vous 43°15'N - 140°50'E.
Report on VHF channels 16 and 67.
NOSC, Comm.X in M/V CASPAR call sign x |
| 99 | Acknowledge | ACKNOWLEDGE |

POLREP

Example No. 2

Abbreviated Report (Single figures from Part III)

Address		From: JP, JCG/focal point
		To: RU, SMPCSA
Date Time Group		182230z june
Identification		POLREP NOWPAP
Serial Number		JP/POLLUX/1/2
80	Date and Time	182020z
82	Cost	Total cost per day will be approx...
84	To where assistance should be rendered and how	ETA JP unit in RU at POLREP NOWPAP RU/POLLUX1/2 will be 190700z.

POLREP

Example No. 3

Exercise Report

Address		From: RU, SMPCSA
		To: KR, KCG/focal point
Date Time Group		210940z june
		URGENT

EXERCISE EXERCISE EXERCISE

Identification		POLREP NOWPAP RU 1/1
Serial Number		

1	Date and Time	1	210830
2	Position	2	44°50'N - 135°02'E
3	Incident	3	Tanker collision
4	Outflow	4	Not yet
5	Acknowledge	5	Acknowledge

EXERCISE EXERCISE EXERCISE

Annex V

Draft Workplan for MERRAC Activities for the 2010/2011 Biennium

Annex V.**Draft Workplan for MERRAC Activities for the 2010/2011 Biennium**

Date	Activities	Responsible Organizations
Oct.-Nov. 2009	NOWPAP BRAVO exercise	Leading country (China), NOWPAP Members, MERRAC
Apr. 2010	NOWPAP BRAVO exercise	Leading country (Russia), NOWPAP Members, MERRAC
May-Jun. 2010	Thirteenth NOWPAP MERRAC Focal Points Meeting and Fifth Competent National Authorities Meeting	MERRAC, NOWPAP RCU, UNEP, IMO
	Intersessional work	Leading country, MERRAC
Jun.-Dec. 2010	NOWPAP BRAVO exercise	Leading country, NOWPAP Members, MERRAC
May-Jun. 2011	Fourteenth NOWPAP MERRAC Focal Points Meeting and Sixth Competent National Authorities Meeting	MERRAC, NOWPAP RCU, UNEP, IMO
-	Intersessional work	Leading country, MERRAC
- 2011	NOWPAP BRAVO exercise	Leading country, NOWPAP Members, MERRAC
2010- 2011	A joint exercise of the NOWPAP Members regarding the marine pollution preparedness and response (to be determined)	Lead country, NOWPAP Members, MERRAC, NOWPAP RCU, UNEP, IMO
-	Intersessional work	Leading country, MERRAC
Jan 2010- Dec 2011	Implementation of specific projects on scientific and technical issues	Leading country, MERRAC, UNEP, IMO
- 2011	An expert meeting on the technical issues regarding the marine pollution preparedness and response in the NOWPAP region	Host Country (Japan), MERRAC, NOWPAP RCU, UNEP, IMO, NOWPAP Members

Annex VI

Proposed Budget for MERRAC Activities for the 2010/2011 Biennium

Annex VI.

Proposed Budget for MERRAC Activities for the 2010/2011 Biennium

Activities	Budget (US\$)		
	2010 Budget	2011 Budget	Total Budget
1. Focal Points Meeting & CNA Meeting - Coordinate MERRAC activities - Maintain and update the RCP, including relevant annexes - Report on oil and HNS Pollution incident - Update the Information System - Planning the training and exercise	27,500	27,500	55,000
2. Expert Meeting (to be hosted by Japan) - technical issues regarding the marine pollution preparedness and response in the NOWPAP region (e.g. HNS training)	25,000	-	25,000
3. Specific projects (tentative) - Quantitative minimum level of preparedness ^{*1)} - Regional Report on HNS Preparedness and Response - HNS Training Manual - Other specific projects on Oil and HNS issues - Marine Litter issue (under RAP MALI) <i><For implementation subject to the decision of IGM & FPM and availability of budget></i> - Ballast water issues - Others	20,000		20,000
4. Coordination with IMO/UNEP and Regional Seas - NOWPAP IGM - OPRC-HNS TG Meeting - Other Regional Activities Center - Regional co-operation	15,000	15,000	30,000
5. Publications and other miscellaneous costs - Technical Reports - Newsletter - Maintaining Homepage	5,000	5,000	10,000
6. Joint NOWPAP Exercise - NOWPAP BRAVO Exercise (4 times) - NOWPAP DELTA Exercise (in conjunction with existing Joint exercise in NOWPAP Region, if exist)	-	-	-
Total	82,500	57,500	140,000

*1) No budget is required

Annex VII

List of the Tasks, Lead Country/Agency, Required Actions and Expected Outputs for 2009

Annex VII. The List of the Tasks, Lead Country/Agency, Required Actions and Expected Outputs for 2009

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 editorial amendments - Develop 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 the list of HNS which might be covered under the Plan)
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"> - Collect lists of oil and HNS spill incidents over 10 tonnes of NOWPAP member states 	<ul style="list-style-type: none"> - Updated database on oil and HNS spills in NOWPAP region
4. Information System	MERRAC and NOWPAP Members	<ul style="list-style-type: none"> - Update information of oil and HNS spill response equipment and, institutions and experts - Update information related to the national standards, regulations on the application of non-mechanical methods of NOWPAP members - Survey the availability of equipment for JROs and its rental rate - Report it to next MERRAC FPM (as reference material to the Information System) 	<ul style="list-style-type: none"> - Updated Information System (in particular the list of available equipment which can be possibly assisted to each member when major spills occur within the framework of the NOWPAP RCP)

<p>5. Training and Exercise</p>	<p>MERRAC and NOWPAP members</p>	<p>- Carry out two NOWPAP BRAVO exercises (communication exercise) during the intersessional period under the leading role of China and Russia - Prepare a scenario for a table top exercise to be covered by the next CNA meeting - Facilitate the development and planning of joint training and exercise</p>	<p>- Scenarios and plans for field and table top of oil and HNS spill preparedness and response exercises in NOWPAP region - Carried out two NOWPAP BRAVO exercises - Improved response capacity to oil and HNS spill - Improvement of communication system</p>
<p>6. Communications</p>	<p>MERRAC</p>	<p>- Maintain routine communication links between relevant authorities in NOWPAP region</p>	<p>- Establishment of efficient communication system relevant to oil spill preparedness and response in NOWPAP area</p>
<p>7. Other Routine Tasks as described by the TOR of MERRAC or decided upon by the FPM and/or IGM</p>	<p>MERRAC</p>		

2. Specific projects coordinated by MERRAC for 2009

Tasks	Lead Country / Agency	Actions	Expected Outputs
1. Minimum Level of Preparedness (concluded)	China and Russia (concluded)	<ul style="list-style-type: none"> - Finalize the report of Minimum Level of Preparedness after editorial correction, and then publish as the MERRAC technical report - Survey information on minimum level of preparedness on oil spills (Tier 1 and 2) - how many and/or what kinds of response resources should be maintained at the port, oil terminal and off-shore platform 	<ul style="list-style-type: none"> - Published MERRAC technical report on Minimum Level of Preparedness - Established information on the quantitative minimum level of preparedness at the port, oil terminal and off-shore platform - Recommendations to improve the level of preparedness in terms of quantity for considering by the next FPM
2. Survey on the Quantitative Minimum Level of Preparedness ^{*1)}	China and Russia	<ul style="list-style-type: none"> - Finalize the regional HNS response operation guidelines after editorial correction, and then publish as the MERRAC technical report 	<ul style="list-style-type: none"> - Published MERRAC technical report
3. HNS related <i>Specific projects</i>	Korea (concluded)	<ul style="list-style-type: none"> - Upload the HNS database to MERRAC website - Terminate the project and publish the result as the MERRAC technical report after editorial correction 	<ul style="list-style-type: none"> - Published MERRAC technical report - HNS database available at MERRAC website with relevant links of other regions
	Japan	<ul style="list-style-type: none"> - Update and amend the HNS training manual in order to report it to IMO meeting 	<ul style="list-style-type: none"> - Updated the HNS training manual
	MERRAC	<ul style="list-style-type: none"> - Update the report based upon the result made by Specific Projects related to HNS issue, and then submit it next FPM - Upload the updated regional report at the MERRAC website 	<ul style="list-style-type: none"> - Updated HNS regional report
4. HNS regional report	MERRAC		

5. RAP MALI project	MERRAC	- Carry out the activities requested of MERRAC under the RAP MALI project, e.g., assessment of port reception facilities, development of a technical report on technologies and research outcomes on prevention, collection and treatment of marine litter, etc.	- An assessment report of port reception facilities - Development of a technical report
6. Other Specific projects as described by the TOR of MERRAC or decided upon by the F.P Meetings and/or IGM			-
			-

*1) No budget is required

Annex VIII

List of the files in the CD-ROM

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

1) Report of the 12th NOWPAP MERRAC Focal Points Meeting & the 4th Competent National Authorities Meeting (MERRAC, Daejeon, 1-3 June 2009)

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

- 2) Report on NOWPAP Implementation (Dr. Alexander TKALIN, NOWPAP RCU)
- 3) Report on IMO Activities (Mr. James PAW, IMO)

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

- 4) HNS Response Operation Guideline (Mr. Chunchang ZHANG, China)
- 5) HNS Database (Dr. Moon-Jin LEE, Korea)
- 6) HNS Training Manual (Mr. Yasuhiro URANO, Japan)

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

- 7) 2008 NOWPAP Oil Spill Exercise (Mr. Chunchang ZHANG, China)
- 8) Report of 2nd NOWPAP BRAVO (Mr. Yasuhiro URANO, Japan)
- 9) Report of 3rd NOWPAP BRAVO (Dr. Se-Jin PARK, Korea)

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

- 10) CNA Report of Korea (Dr. Se-Jin PARK, Korea)
- 11) CNA Report of Russia (Dr. Natalia KUTAEVA, Russia)
- 12) BALEX DELTA 2008 (Dr. Natalia KUTAEVA, Russia)

Agenda 10. Table-top Exercise

- 13) Table-top Exercise (Mr. Daniel CHAN, *Oil Spill Response*)

14) Proceeding of the International Workshop on the Response to Marine Pollution in the NOWPAP Region (Incheon, Korea, 4-5 June 2009)

