

National OPRC Level II Model course

Swakopmund, the Republic of Namibia
22nd – 24th May 2018

Global Initiative for Western, Central and Southern Africa

Organised by:

The Ministry of Works and Transport



the Republic of Namibia



NOTE

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**IMO/IPIECA. 2018. Report of the National OPRC Level II model course.
37 Pages.**



Executive summary

A national training based on IMO's OPRC level II model course was organized at the Sea Side Hotel in Swakopmund, Namibia from Tuesday 22nd to Thursday 24th May 2018.

The event was hosted by the Ministry of Works and Transport within the framework of the GI WACAF Project. The workshop was supported by the International Maritime Organization (IMO) and IPIECA, the global oil and gas association for environmental and social issues.

Around 25 participants from different ministries, agencies and authorities in Namibia attended the workshop. A list of participants is attached in Annex 2 of this report.

The general objective of the workshop was to provide key stakeholders of the National Oil Spill Contingency system with the practical and technical knowledge to plan and conduct an effective response to an oil spill.

The workshop focused on three main objectives:

1. Assess the National oil spill response management and contingency planning procedures compared to international good practice,
2. Understand the different oil spill response strategies available for at sea and on shore response operations,
3. Highlight the importance of waste and media management, definition of termination response criteria as well as clarify the claims and compensation process for oil spills.

Participants had the opportunity to specify their expectations from the training during the first day of the mission. To give a better idea of the national context, the representative of the Ministry of Works and Transport delivered presentations on oil spill case studies which occurred in Namibia and how the authorities organized the response.

The objective was to identify potential gaps within the national organization framework and suggest improvements to optimise the oil spill response efficiency.

The active participation and the expertise of all delegates was key to the success of this training. During the week, technical exchanges between facilitators and participants allowed a better understanding of the national oil spill management system in relation to the oil spill risk assessment (maritime traffic, oil exploration) and other key technical specificities (type of shore, oil spill response equipment availability). The excellent interaction with participants gave the opportunity to strengthen their knowledge on general topics as well as on specific elements such as the different response techniques used to recover spilled oil at sea and on impacted shorelines.

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1. Presentation of the GI WACAF Project

Launched in 2006, the Global Initiative for West, Central and Southern Africa (GI WACAF) Project is a collaboration between the International Maritime Organization (IMO) and IPIECA, the global oil and gas industry association for environmental and social issues, to enhance the capacity of partner countries to prepare for and respond to marine oil spills.

The mission is to strengthen the capability for preparedness and response to an oil spill in 22 West, Central and Southern African Countries in accordance with the provisions set out in the International Convention on Oil Pollution Preparedness, Response and Cooperation, 1990 (OPRC 90).

To achieve its mission, the GI WACAF Project organizes and delivers workshops, seminars and exercises, that aim to communicate good practice in all aspects of spill preparedness and response, drawing on expertise and experience from within governments, industry and other organizations working in this specialized field. The Project's activities are supported and facilitated by its network of dedicated government and industry focal points. Promoting cooperation amongst all relevant government agencies, oil industry business units and stakeholders nationally, regionally and internationally is a major objective of the Project.

GI WACAF is supported and funded by IMO and seven oil company members of IPIECA, namely BP, Chevron, ExxonMobil, Eni, Shell, Total and Woodside.



More information is available [on the Project's website.](#)

2. Introduction

The cooperation between Namibia and the GI WACAF Project saw the organisation of several joint activities:

- In 2007 and 2010, the Ministry of Works and Transport and GI WACAF undertook a national workshop focusing pertaining to the launch and test of the national oil spill contingency plan;
- In 2012, a sub-regional workshop on international cooperation and incident management system was held in Namibia;
- In 2013, different activities were carried out in Walvis Bay:
 - National workshop on the finalisation of sensitivity maps;
 - Sub regional workshop on liability and compensation; and
 - 5th GI WACAF Regional Conference.
- In 2015, the directorate of Maritime Affairs and the Ministry of Works and Transport hosted a workshop with the objective of training relevant national authorities on waste management as a function of an effective response to a marine oil spill,
- In 2016, a sub-regional workshop on the use of Incident Management System (IMS) and Net Environmental Benefit Analysis (NEBA) in oil spill preparedness and response was organized.

After completing the update of the national oil spill national contingency plan in 2018, the Ministry of Works and Transport is currently undertaking a very ambitious training programme for its newly built operations team. This OPRC Level 2 model course was brought to its local partners by the GI WACAF, with the ambition to kick-start this training programme and act as an introduction to oil spill preparedness and response at an operational level. The summary of the workshop is detailed below.

3. Objectives

The general objectives of the workshop were to strengthen the relevant knowledge and understanding of operational managers who will lead or supervise oil spill response on the ground. The workshop focused on:

1. General overview of oil spill response management including contingency planning and risk assessment;
2. Presentation of the different oil spill response strategies (at sea response and shoreline clean-up); and
3. Termination of an oil spill response including waste management and liability and compensation regimes.

4. Programme of the training

The training was organised over 3 days. The programme is available in Annex 1 and is summarised below:

- **Tuesday 22nd May 2018**
 - Registration
 - Opening ceremony
 - Introduction of the Workshop Objectives
 - Introduction of the GI WACAF Project
 - Namibian response arrangements/issues
 - Cause, behaviour and fate of spills/environmental and economic impacts of oil spills
 - Oil spill response management and Contingency planning

- **Wednesday 23rd May 2018**
 - Health and Safety
 - Response assessment: aerial surveillance and monitoring
 - At sea response strategies: the use of dispersant
 - At sea response strategies: protection, containment and recovery, in situ burning
 - Wildlife response
 - Shoreline clean-up

- **Thursday 24th May 2018**
 - Waste management
 - Termination of response
 - Communication and media
 - Case Studies: GULSER ANA
 - Liability and compensation regimes
 - Closing ceremony

5. Location, dates, and participants

The workshop was held at the Sea Side Hotel in Swakopmund from 22 to 24 May 2018. Around 25 participants from various government departments attended the workshop. The list of participants is attached as Annex 2.

The experts invited to facilitate this workshop were:

- Franck Laruelle, GI WACAF facilitator
- Frederic Marignac, GI WACAF facilitator

The GI WACAF Secretariat was represented by:

- Clement Chazot, GI WACAF Project Manager
- Julien Favier, GI WACAF Project coordinator



6. Activities and proceedings

6.1. Opening ceremony

The opening ceremony took place on Tuesday 22nd at 09:00.

Clément Chazot, GI WACAF Project Manager, delivered the opening remarks. His speech is attached in Annex 4.

Mr. Cedric Limbo, Director for Transport Policies, Ministry of Works and Transport gave an opening speech reproduced in Annex 3.

The group picture, as well as other photos taken during the event are available in Annex 6.

6.2. Proceedings of the event

DAY 1 - 22nd May

Introduction of workshop objectives and presentation of the GI WACAF Project

Clément Chazot – GI WACAF Project Manager

Mr Chazot presented the scope and goals of the GI WACAF Project since its launch in 2006, highlighting the priority actions for the current biennium.

Overview of oil spill management in Namibia

Mr. Pinehas N. Auene, National focal point

Mr. Auene delivered a presentation on Namibia and its specific features, including the length and type of shoreline and the increase of the risk of oil spill due to the rise of maritime traffic and oil exploration.

He then presented different oil spills which occurred in Namibia. He gave details on the type of response that was carried out with the aim to limit environmental impacts. Additionally, he also discussed the current status of the NOSCP.

To conclude the talk, Mr. Auene presented the 5 year training program for the staff of the operations team, and explained the rationales for establishing such a programme.

Session 1: Cause, behaviour and fate of oil spills

Franck Laruelle – GI WACAF facilitator

Mr. Laruelle explained it is key to understand the composition and characteristics of the different types of oil to be able to quickly assess what response strategy and techniques are likely to be the most efficient when a spill does occur.



Session 2: Environmental and economic impacts of oil spills

Franck Laruelle – GI WACAF facilitator

The objective of the presentation was to highlight that effects of spilled oil on environmental and economic resources depend heavily on the product's composition and characteristics. It was explained the effectiveness of the clean-up response operations will help mitigate potential damage, and thus need to be carefully anticipated.

Session 3: Oil spill response management

Frédéric Marignac, GI WACAF facilitator.

Mr Marignac delivered a presentation on oil spill response management. He went through the overall objectives of oil spill response, explained that planning is mainly a choice between different response strategies and provided details on the key aspects of emergency management. He detailed the components of the different cells/units as well as other subdivisions by notably explaining their roles and responsibilities. At the end of the presentation, the facilitator and participants discussed the current status of the national system in Namibia.

Session 4: Contingency planning

Frédéric Marignac, GI WACAF facilitator.

In order to continue the discussions on preparedness and response to oil spills, Mr Marignac presented on the topic of developing a national contingency plan to provide the organizational framework for oil spill response arrangements. He also explained the concept of tiered response and discussed with the participants on the different tiered levels identified at the national level.

Conclusion of Day 1 and Introduction of Day 2

Clément Chazot – GI WACAF Project Manager

Mr Chazot thanked the delegates for their participation and introduced the main elements of the second day.



DAY 2 - 23rd May

Session 5: Health and Safety

Frédéric Marignac, GI WACAF facilitator.

During any oil spill response, risks for operators and the public are high due to the potential ignitability of hydrocarbon products. The objective of the presentation was to explain how to assess the risks and put in place mitigation measures. It was notably explained that the response organization should have a minimum stock of personal protective equipment well adapted to the specific operation that would be carried out (flushing operations, at sea response...).

Session 6: Response assessment: aerial surveillance and monitoring

Franck Laruelle – GI WACAF facilitator

Mr Laruelle presented aerial surveillance as a key step to determining the extent of pollution and assisting the clean-up operations. This kind of operation should be prepared in advance to identify available aircraft suppliers (military, civil security, private providers).

Maximum benefit is obtained from a flight with experienced observers, which highlights the need to identify promptly the relevant personnel and train them as soon as possible.

Session 7: At sea response strategies: the use of dispersant

Franck Laruelle – GI WACAF facilitator

Mr Laruelle explained the concept of chemical dispersion in response to oil spills at sea. The presentation went through the evolution of the different generations of dispersant products and the limits to effective dispersion (oil viscosity, sea conditions, product amenability...).

Secondly, the facilitator presented the different means and equipment that can be used to spray dispersants from an aircraft or from a ship.

At the end of the presentation, the facilitator and participants discussed the national dispersant policy, specifying the restrictions to observe in terms of minimum distance from the shoreline and minimum water depth to be able to use dispersants.

Session 8: At sea response strategies: protection, containment and recovery/in situ burning

Frédéric Marignac, GI WACAF facilitator.

Mr Marignac presented other feasible at sea response strategies in case of an oil spill.

He first explained the key aspects of physical protection. The goal of protection strategy is to prevent the oil slick from reaching environmental and/or economic sensitive areas. It can be implemented by using protective booms. In such case, the oil slick is deflected from the area that has to be protected (water intakes, bird nesting area...), orientating the oil towards an area where the impacts of the oil will be easier to mitigate. In case of a lack of manufactured booms, responders may also use alternative boom using local material such as straw, rice bag, wood...

The containment and recovery strategy consists of concentrating the floating oil inside boom during a trawling operation. Once concentrated, the oil is transferred in a storage capacity using skimmers and transfer pump.

In situ burning was also presented, explaining that ignition and control burning of the oil slick is an option to reduce the volume of floating oil. This technique requires an environmental impact assessment before the operation, in addition to specifically trained personnel as it difficult to control it. Additionally, it may create heavy residues and huge volumes of gas fumes.

Session 9: Wildlife response

Franck Laruelle – GI WACAF facilitator

The aim of the presentation was first to define, in case of an oil spill, the species that would potentially be at risk in the GI WACAF region. Mr Laruelle explained to participants that the impact of oil on wildlife depends highly on the type of oil spilled.

Then, the facilitator went through the main concepts of oiled wildlife response, detailing the possible strategies national authorities may adopt.

To conclude, Mr Laruelle reminded the audience that wildlife response planning should be considered as a part of the overall planning and should involve trained and experienced personnel.

Session 10: Shoreline clean-up

Frédéric Marignac, GI WACAF facilitator.

Mr Marignac presented a general overview of the different stages of the clean-up during shoreline operations. Depending on the impacted substrate (sandy, rocky or muddy areas), participants were informed of the different techniques that could be used, keeping in mind that the objective is to minimize the additional environmental impact.

Conclusion of Day 2 and Introduction of Day 3

Clément Chazot – GI WACAF Project Manager

Mr Chazot thanked the delegates for their participation and introduced the main elements of the third day.

DAY 3 - 24th May

Session 11: Waste management

Frédéric Marignac, GI WACAF facilitator.

Mr Marignac delivered a presentation to participants on how to properly manage the high volume of waste collected during at sea and shoreline response. Storage and disposal of waste is a key aspect of any response operation and adequate provisions for waste management should be clearly highlighted in the national oil spill contingency plan.

The facilitator insisted on the importance to plan in advance regarding the identification of storage areas along the shoreline and waste treatment service-providers depending on the type of waste and the volume which could be treated.

All contacts details of service providers should be detailed in the annexes of the NOSCP and kept up to date.

Session 12: Termination of response

Franck Laruelle – GI WACAF facilitator.

It is always difficult to determine when to terminate a response to an oil spill. Mr Laruelle introduced some key questions the decision makers can ask themselves to assess when the response should come to an end. He explained that the termination of response is a result of several factors, including the resource allocation: for instance, oversized clean-up operations may result in further environmental impacts and a longer cleaning period. On the contrary, the proper allocation of human and equipment resources can enable several sites to be cleaned up in a shorter period of time.

The best way to determinate how 'clean is clean' is to develop specific procedures and criteria for activation and deactivation of the national response in the national contingency plan which will be followed in case of an incident.

Session 13: Communication and media

Frédéric Marignac, GI WACAF facilitator.

Oil spills often lead to adverse publicity for the country, administration and industry alike. That is why crisis communication is one of the key points of an oil spill response management plan.

Mr Marignac suggested to set up a specific organization in charge of external communication, to be included in the contingency plan including the designation of a media liaison officer. It is key to plan in advance the roles and responsibilities of such an officer.

One important aspect to take in account in the crisis communication strategy is social media. More and more people are turning to social media during emergencies to get up-to-date information, to give feedback and to share content with others: developing a social media profile, in advance, can benefit responding organizations.

Session 14: Case studies: GULSER ANA

Franck Laruelle – GI WACAF facilitator.

Mr Laruelle presented as a case study, an incident which occurred in 2009 in Madagascar. After grounding in Faux cap, the cargo ship GULSER ANA lost 39 000 MT of dry "rock phosphate" and 568 MT of bunker oil (IFO180).

The facilitator went through the technical issues faced during the response due to the remote location, the sensitivity of the area and the lack of response assistance, and explained the response strategies which were followed.

Session 15: Liability and compensation regimes

Franck Laruelle – GI WACAF facilitator.

The liability and compensation regimes were presented with two different approaches.

First, participants watched a video made by ITOPE, which presents claims management.

Secondly, Mr Laruelle explained the scope and limitations of the IMO's international oil pollution liability and compensation conventions.

The facilitator also presented the criteria for admissibility of a claim, with the key concept being a "reasonable" claim. It was explained that actions should be taken on the basis of a technical appraisal, in accordance with the amount of oil spilled. One should also be able to demonstrate the cost-effectiveness of the response strategies adopted. Sufficient details should be included to allow auditors to assess the claim on the basis of facts and supporting documentation.

6.3. Closing ceremony

On behalf of IMO and IPIECA, Clement Chazot thanked the delegates for their active involvement and gave a USB stick containing all the presentations and supporting documents used during the event to each participant. Further reference materials can be found in Annex 7.

7. Conclusion

As mentioned in the first part of this report, the NOSCP of Namibia has been updated recently, and new members joined the newly established Operations team. The latter fully benefited from this training to familiarize themselves with this complex topic, and the attendees now have a better understanding on issues to be considered in connection with national oil spill preparation and response. During the event they expressed the need to familiarize themselves with the document to have a better understanding of their roles and responsibilities in case of an oil spill incident. This was taken into account by the Namibian Ministry of Works and Transport. It will be integrated in short and medium term training for responders, on scene commanders and national decision-makers. Additionally, the Ministry would like to schedule table top exercises to increase the experience of the Operations team and reinforce their efficiency in case a real oil spill incident was to occur.

The success of the event was confirmed by the unanimous positive feedback received from the participants who considered that the objectives of the workshop were well met.

Annex 1 Programme

(see next page)

National OPRC Level II model course
Swakopmund, Namibia, 22nd – 24th May 2018



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IMO OPRC course Level II

Namibia
22nd – 24th May 2018

Global Initiative for Western, Central and Southern Africa

Organised by:

The Ministry of Works
and Transport



The Global Initiative for West, Central and Southern Africa

Launched in 2006, the Global Initiative for West, Central and Southern Africa (GI WACAF) Project is a collaboration between the International Maritime Organization (IMO) and IPIECA, the global oil and gas industry association for environmental and social issues, to enhance the capacity of partner countries to prepare for and respond to marine oil spills.

The mission is to strengthen the national system for preparedness and response in case of an oil spill in 22 West, Central and Southern African Countries in accordance with the provisions set out in the International Convention on Oil Pollution Preparedness, Response and Cooperation, 1990 (OPRC 90).

To achieve its mission, the GI WACAF Project organizes and delivers workshops, seminars and exercises, that aim to communicate good practice in all aspect of spill preparedness and response, drawing on expertise and experience from within governments, industry and other organizations working in this specialized field. To prepare and implement these activities, the Project relies on the Project's network of dedicated government and industry focal points. Promoting cooperation amongst all relevant government agencies, oil industry business units and stakeholders both nationally, regionally and internationally is a major objective of the Project during these activities.

GI WACAF operates and delivers activities with contributions from both the IMO and seven oil company members of IPIECA, namely BP, Chevron, ExxonMobil, Eni, Shell, Total and Woodside.



More information is available [on the Project's website](#).

Dates and location

This event will take place at:
Sea Side Hotel and Spa
P/O box 2765
Swakopmund, Namibia
between 22nd and 24th May 2018.

Workshop Objectives

The general objective of the workshop is to give the knowledge and understanding for coordinators who will lead or supervise oil spill response.

The workshop will focus on:

1. General overview of oil spill response management including contingency planning and risk assessment.
2. Presentation of the different oil spill response strategies (at sea response and shoreline cleanup)
3. How to end oil spill response including wastes management and liability and compensation regimes.

Contact

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Email: jfavier@imo.org

Day 1. Tuesday 22 nd May 2018	
08h30_09h00	Arrival and Registration of the participants
	Opening Ceremony
09h00 - 10h00	Opening Ceremony: <ul style="list-style-type: none"> - Welcome and Safety Briefing - IMO welcoming address - National authority opening address Introductions: Facilitators introductions Participant introductions Course introduction
10h00 - 10h30	Presentation of expected outcome/Namibian response arrangements /issues <i>Mr Pinehas N. Auene, National focal point</i>
10h30 - 11h00	Coffee break
11h00 - 11h30	ITOPF video: introduction to oil spill <i>Mr Franck Laruelle, GIWACAF consultant</i>
11h30 - 12h30	Causes, behaviour and fate of oil spills <i>Mr Franck Laruelle, GIWACAF consultant</i>
12h30 - 14h00	Lunch Break
14h00 - 15h00	Environmental and economic impacts of oil spills <i>Mr Franck Laruelle, GIWACAF consultant</i>
15h00 - 15h45	Oil spill response management <i>Mr Frédéric Maignac, GIWACAF consultant</i>
15h45 - 16h15	Coffee break
16h15 - 17h00	Contingency planning <i>Mr Frédéric Maignac, GIWACAF consultant</i>
16h30	End of Day 1

Day 2. Wednesday 23 rd May 2018	
	Welcome
09h00 - 10h00	Health and safety <i>Mr Frédéric Marignac , GIWACAF consultant</i>
10h00 - 11h00	Response assessment: Aerial surveillance and monitoring <i>Mr Franck Laruelle, GIWACAF consultant</i>
11h00 - 11h30	Coffee Break
11h30 - 12h30	At sea response strategies: the use of dispersant <i>Mr Franck Laruelle , GIWACAF consultant</i>
12h30 - 14h00	Lunch Break
14h00 - 15h00	At sea response strategies: protection, containment and recovery/in-situ burning <i>Mr Frédéric Marignac , GIWACAF consultant</i>
15h00- 15h30	Wildlife response <i>Mr Franck Laruelle, GIWACAF consultant</i>
15h30 - 16h00	Coffee Break
16h00 - 16h45	Shoreline clean-up <i>Mr Frédéric Marignac, GIWACAF consultant</i>
	End of Day 2

Day 3. Thursday 24th Ma 2018

	Welcome
09h00 - 10h00	Waste management <i>Mr Frédéric Maignac GIWACAF Consultant</i>
10h00 - 10h45	Termination of response <i>Mr Franck Laruelle, GIWACAF Consultant</i>
10h45 - 11h15	Coffee break
11h15 - 11h45	Communication and media <i>Mr Frédéric Maignac, GIWACAF Consultant</i>
11h45 - 12h30	Case studies - GULSER ANA <i>Mr Franck Laruelle, Mr Frédéric Maignac, GIWACAF Consultant</i>
12h30 - 14h00	Lunch break
14h00 - 14h30	ITOPF video: oil spill compensation <i>Mr Franck Laruelle, GIWACAF Consultant</i>
14h30 - 15h15	Liability and compensation regimes <i>Mr Franck Laruelle, GIWACAF Consultant</i>
15h15 - 15h45	Coffee break
15h45 - 17h00	Closing ceremony National authority IMO
	End of Day 3

Annex 2 List of participants

ATTENDANCE REGISTER

NATIONAL OPRC LEVEL 2 OIL SPILL RESPONSE TRAINING WORKSHOP, 22-24 MAY2018, SEASIDE HOTEL AND SPAR,
SWAKOPMUND.

	NAME	INSTITUTION	DESIGNATION	OT ROLE	CONTACT DETAILS
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12	Ms Paulina Moses	Ministry of Information and Technology	Acting Senior Information Officer	Public Relations	Tel: 064-402763 Cell: 0818010092 Email: Paulina.Moses@mict.gov.na
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14	Mr Julius Ngweda	Ministry of Works and Transport	Public Relation Officer	Public Relation	Tel: Cell: Email: JNgweda@mwtc.gov.na
15	Mr Pinehas Auene	Ministry of Works and Transport	Deputy Director	Secretary	Email: PAuene@mwtc.gov.na Tell: 06402086310 Cell: 0816649188
16	Mr Joseph Diwanga	Ministry of Works and Transport	Senior Administrative officer	In-water containment /recovery	Tel: 061-206848 Cell: 0814518565 Email: JDiwanga@mwtc.gov.na
17	Mr Peter Shikongo	Ministry of Works and transport	Administrative Officer	In-water containment/recovery	Tel: 064-2086350 Cell: 0812838940 Email: PShikongo@mwtc.gov.na
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19	Ms Loretta Rittmann	Ministry of Works and Transport	Chief Administrative Officer	Finance and Administration	Tel: 061-226848 Cell: 0813145147 Email: LRittmann@mwtc.gov.na
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22	Mr Immanuel Dula	Namibian Port Authority	Marine Engineer Officer	Equipment Operator	Tel: 064-2082202 Cell: 0811243034 Email:
23	Mr Ndala Josef Chamba	Oranjemund Town Council	Health and Environment	Equipment Operator	Tel: 063-233500 Cell: Email:
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25	Dr. Samuel Mafwila	University of Namibia	Director (SANUMARC)	Environmental Advisor	Tel: 061-2063937 Cell: 0811272486 Email: smafwila@unam.na



26	Ms Nangula Amutenya	Walvis Bay Municipality	Environmental Coordinator	Shoreline Assessment	Tel: 064-214401 Cell: 8120224059 Email: namutenya@walvisbaycc.org.na nangula.a@gmail.com
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28	Mr Clement Chazot	GIWACAF		Facilitator	Tel: Cell: Email:
29	Mr Dallas Laryea	IMO		Facilitator	Tel: Cell: Email:
30	Mr Frederic Marignac	Le Floch Depollution, France		Facilitator	Tel: Cell: Email:
31	Dr Franck Laruelle	ITOPF		Facilitator	Tel: Cell: Email:
32	Mr Charles Van Heerden	Namport Marine Services	Senior Tug Muster		Tel: 064-2082266 Cell: :0812841738 Email:



33	Mr Frikkie Botes	Ministry of Fisheries and Marine Resources	Chief fisheries Biologist	In-Water Containment	Tel: 064-4101254 Cell: 0812240022 Email: Frikkie.Botes@mfmr.gov.na
34	Mr Klaus Hols Jansen	DESM	Sales/Project		Tel: Cell: 255745381210 Email: klhj@desmi.com
35	Mr Riaan Archer	Walvis Bay Municipality	Hazardous Response Officer	Equipment Operator	Tel: 064-214401 Cell: 0811298223 Email marcher@walvisbaycc.org.na:



Annex 3 Opening speech from Mr. Cedric Limbo, Director for Transport Policies, Ministry of Works and Transport

Representatives of the International Maritime Organization (IMO) and the International Petroleum Industry Environmental Conservation Association (IPIECA),

Members of Operations Team of the National Marine Pollution Contingency Plan ,

Management and Staff of the Ministry of Works and Transport

Members of the Media,

Distinguished Ladies and Gentlemen,

It is a great honour and privilege for me to have been given this opportunity to, on behalf of the Ministry of Works and Transport, deliver the opening remarks for this National OPRC Level 2 Oil Spill Response Training Workshop.

From the onset, I would like to express my sincere thanks and appreciations to IMO and IPIECA for responding positively to Namibia's request to facilitate - under the Global Initiative for West, Central and Southern Africa (GIWACAF) Project - this important workshop with the objective of developing the capacity of the recently established Operations Team and thereby contribute to an effective marine pollution preparedness and response system in Namibia.

I extend my warmest welcome to all the participants present here today. I am pleased that nearly 30 members of the Operations Team representing all the key National Plan stakeholders including our four coastal regions are attending this important workshop today.

I am particularly pleased to welcome our distinguished guests, Mr. Clément Chazot and Mr. Julien Favier of the GIWACAF Project as well our workshop facilitators Mr. Franck Laruelle of the International Tanker Owners Pollution Federation (ITOPF) and Mr. Frederic Maignac of Le Floch Depollution (LFD.)

As you may be aware, the national system for marine pollution preparedness and response in Namibia has been undergoing reform over the last five years with the view to making the system more responsive to the prevailing risk scenarios and align it to international best practices.

This reform included the complete repealing of the outdated and oil-focused 2007 National Oil Spill Contingency Plan.

The new National Plan, approved by Cabinet in April 2017, is now called the National Marine Pollution Contingency Plan and, among other substantive changes, also caters for pollution by hazardous and noxious substances (HNS) while advocating a sustainable funding model.

The reform process is necessitated by the need to effectively manage the fast evolving risk profile, which is driven primarily by the growth and significance of the Port of Walvis Bay as a gateway to Southern Africa – a direct result of our conscious national efforts to position Namibia as a regional logistics hub. Accordingly, more and bigger ships are visiting coming to our shores to carry our imports and exports as well that of our neighbouring states.

In addition, Namibia is an attractive investment destination for offshore energy exploration and production. As a matter of fact, two offshore wells are planned for drilling between September and December this year.

The aforesaid economic activities also mean that the risk of a serious marine pollution, not only from oil but also from HNS, is greater than before. This threatens our marine resources and the coastline, which - in its entirety - is classified as a national park. Page 4 of 5

The above reality compelled us to develop a new National Plan that is underpinned by a coordinated Government and industry approach to marine pollution management.

The National Plan mandates the establishment of certain governance and operational structures.

One such structure is the team of people meeting here today, the Operations Team which - as the name suggests - is the operational arm of the National Plan.

The Operations Team was inaugurated on 16 February 2018 and on 8 March 2018, barely a month into the job, they had to respond to their 1st major oil spill incident. Some say it was a baptism of fire. I say it was an opportunity to learn hands on -- to hit the ground running.

I will not go into the details of the oil spill incident. I am informed there will be a dedicated session to review that incident. I should mention, however, that although only a few of the Operations Team members had prior exposure and training on oil spill response, the cooperation and coordination among the different National Plan stakeholders was exemplary.

It is against the aforesaid brief background that we requested the GIWACAF Project to support this national training intervention. It is organized prior to the sub-regional workshop of next week in order to take advantage of the presence of the international experts in Namibia and also prepare the Operations Team members for the slightly more advanced and specialized sub-regional workshop. Page 5 of 5

I hope that by the end of Thursday, this workshop will have provided you with a deeper appreciation of the key concepts, theories and practices of an effective marine pollution preparedness and response system.

I therefore urge you all to actively participate and give everyone in this room the benefit of your experience. Whether you are being exposed to the topic of preparedness and response for the 1st time or you have an advanced appreciation of the topic – your inputs are essential to an effective workshop over the next three days.

I would like to, once again, thank IMO and IPIECA for their strong and effective support over the years.

I also thank our local sponsors for their kind contribution to the hosting of this event. They are: Namibian Ports Authority (Namport), NamEnergy Resources, Subtech Marine, and Desmi Africa.

In conclusion, I have the pleasure in conveying to all of you the very best wishes of the Minister of Works and Transport, Honourable John Mutorwa, who is looking forward to a successful outcome of this event.

I now declare the OPRC Level 2 Oil Spill Response Training Workshop open.

Thank you.

Annex 4 Opening remarks from Clément Chazot, GI WACAF Project Manager

IMO WELCOMING ADDRESS

Clement Chazot, GI WACAF Project Manager

Mr. Cedric Limbo, Director for Transport Policies, Ministry of Works and Transport

Distinguished Participants

Ladies, Gentlemen, Dear Colleagues

It is my honour and pleasure to be here this morning to welcome you on behalf of the International Maritime Organization to this OPRC level 2 course facilitated by the GI WACAF Project. IMO is the specialized agency of the United Nations with a global mandate for the protection of the marine environment from pollution caused by shipping, among other very important functions such as maritime safety and security and, generally, the safeguarding of life at sea.

I wish to extend my sincere appreciation to the Government of Namibia for hosting and supporting this important event and, in particular, a warm thank You to Mr Cedric Limbo for accepting to open the present meeting, as well as Mr. Pienhas Auene, Deputy Director: Marine Pollution Control and SAR, and his staff for their significant assistance and efforts in putting together this workshop. These efforts will, I am certain, ensure that this week will result in a fruitful outcome.

Ladies and Gentlemen, as you are aware, the risk of major oil spills, while having been significantly reduced over the past years, is ever evolving and continues to be a significant and real threat to the fragile ecosystems and coastlines of littoral States around the world. With over 1500 kilometres of coastlines, Namibia is not immune to such pollution events. While prevention of incidents is always preferred, time and experience have demonstrated the success in tackling a major oil spill is in ensuring a good level of preparedness for a timely, efficient and co-ordinated response. IMO has long recognized and advocated that regional co-operation, as enshrined in the International Convention on Oil Pollution Preparedness, Response and Co-operation (OPRC 1990), backstopped by a solid base of national level capacity, is the best means to achieving this outcome. Other crucial

ingredients for success are a programme of training and regular exercising of contingency plans, to establish and maintain the important relationships between partners that are so critical when a real incident occurs.

This OPRC Level 2 course will focus on strengthening that national level capacity of Namibian authorities, one of the success factors aforementioned. It will provide a theoretical overview and refresh participant's knowledge on the important concepts for oil spill response to assist Supervisors and on-scene commanders in the decision-making process to responding to a pollution incident. This course is part of a five-year training programme put in place by the Ministry of Works and Transport, which the GI WACAF Project is assisting.

The course will be facilitated by two consultants who are experts in the field of oil spill preparedness and response, namely Franck Laruelle from ITOPF and Frederic Marignac from LeFloch Depollution.

We encourage you to participate actively, to ask questions and to foster dialogue this week, to ensure interactive discussions on the issues affecting the Namibian stakeholders. Much can be achieved by the sharing of experiences and we hope to learn from you in practical terms about the successes achieved and the challenges you face in the area of pollution preparedness and response.

Thank you for your kind attention, and I wish you all a successful workshop and my best wishes for a very fruitful week.

Annex 5 Evaluation questionnaire

EVALUATION QUESTIONNAIRE IMO OPRC Course Level II training Swakopmund, Namibia, 22-24 May 2018

Arrangements prior to the activity

- 1 Was the invitation received in good time? Yes No
- 2 Did you receive the information listed below about the event before your participation
- on its objective and scope Yes No
 - subject areas and programme Yes No
- 3 Were the instructions on the following clear and easy to understand?
- profile required of participant Yes No
- 4 Did you receive logistical information on
- venue Yes No
- 5 If you were given any pre-event assignment, was it useful? Yes No N/A
-

During the activity

- 6 To cover the topics fully, was the event (*please check the appropriate box*)
(1) too long (2) just right (3) too short
- 7 How do you rate the event with regard to the following? (*tick one box in each case*)
- | | excellent | good | satisfactory | poor |
|------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Venue | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Facilities | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Equipment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
- 8 How do you rate the following aspects of the materials? (*tick one box in each case*)
- | | excellent | good | satisfactory | poor |
|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Presentation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Clarity | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Technical content | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Comprehensiveness | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Quantity | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
- 9 How would you rate the following aspects of the presentations? (*tick one box in each case*)
- | | excellent | good | satisfactory | poor |
|--|-----------|------|--------------|------|
|--|-----------|------|--------------|------|

Design and structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clarity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical contents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comprehensiveness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10 How would you rate the use of the following? (tick one box in each case)

	excellent	good	satisfactory	poor
Course materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IMO reference materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other resource materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group and practical activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N/A <input type="checkbox"/>				
Field trips	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N/A <input type="checkbox"/>				

At the end of the activity

11 Please rate each lecturer with regard to the following (check one box in each case)

	excellent	good	satisfactory	poor
.1 Franck Laruelle				
content of lecture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
delivery of presentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ability to transfer knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
effectiveness in:				
• answering questions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• suggesting solutions to issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	excellent	good	satisfactory	poor
.2 Frederic Marignac				
content of lecture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
delivery of presentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ability to transfer knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
effectiveness in:				
• answering questions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• suggesting solutions to issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12 What topics were of most interest and relevance to you?

13 Are there any topics which should be added? Yes No
If yes, please list them:

14 Do you consider that the objective of the event was met? Yes No

15 Are you likely to use the information you gained on the course when you return to work? Yes No

16 Will you have the opportunity to transfer the knowledge gained to your colleagues at work? Yes No

Comments:

We greatly appreciate your time in completing this evaluation questionnaire. It contains important information that will assist GI WACAF in determining the success and impact of the activity. Thank you.

Annex 6 Pictures



Family picture



Mr Limbo, Mr Auene and Mr Chazot



Participants during presentation

Annex 7 Reference material

1. IPIECA/IOGP Joint Industry Project technical documentation

All Good Practice Guides can be found on the following page:

<http://www.oilspillresponseproject.org/>

2. IOPF's Technical Information Papers (TIPs):

All TIPs can be found on the following page:

<http://www.itopf.com/knowledge-resources/documents-guides/technical-information-papers/>

3. IOPC Funds documentation

All IOPC Funds documentation can be found online on the following link:

<http://www.iopcfunds.org/publications/iopc-funds-publications/>