



**REGIONAL ACTIVITY CENTRE / REGIONAL MARINE POLLUTION
EMERGENCY, INFORMATION AND TRAINING CENTRE - WIDER CARIBBEAN REGION**

Country Profile 2015

COUNTRY	BARBADOS
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Introduction

Thank you for taking the time to complete this important questionnaire. The thorough and accurate information you provide will be used by RAC/REMPEITC-Caribe to:

1. fulfill the exchange of information requirements of the Cartagena Convention and the International Convention on Oil Pollution Prevention, Response and Cooperation, 1990 (OPRC 90),
2. determine your country's specific training and exercise expectations and needs,
3. determine the regional training and exercise needs within the Wider Caribbean Region (WCR),
4. inform the working group currently developing RAC/REMPEITC-Caribe's new, 10-year strategic plan,
5. share with other organizations like UNEP, IMO and ITOFF.

RAC/REMPEITC-Caribe has been serving the marine environmental training, communication and exercise needs of the Wider Caribbean Region for over 20 years. Completing the questionnaire below will ensure RAC/REMPEITC-Caribe meets your needs and expectations well into the future. Thank you.

Please complete this questionnaire by March 10, 2015 and send to:

**CDR Paul Lattanzi, Mr. Vassilis Tsigourakos and Ms. Carla Bikker,
RAC/REMPEITC-Caribe, plattanzi@cep.unep.org, vtsigourakos@cep.unep.org and
carla@cep.unep.org Tel: (+5999) 839 – 3716/ 18 / 19**

Person responsible for this questionnaire

Last Name	Headley
First Name	Anthony
Title/Position	Director (ag)
Telephone	310-3601
E-mail	enveng@caribsurf.com

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1. Conventions and Agreements Ratified and/or Implemented

	Oil Spill Response			Prevention and Safety						Compensation						Other				
	OPRC 90	OPRC HNS	Cartagena Conv. Oil Spill Protocol	MARPOL 73/78, protocol 97 Annexes						CLC			Fund			HNS Conv	HNS Prot.	Anti fouling	Bunkers Conv.	Ballast water
				1	2	3	4	5	6	'69	'76	'92	'76	'92	'03					
Year of ratification			1985	1994	1994	1994	2000	1994		1994	1994	1998	1994	1998	2005			2012	2009	2007
Year of implementation				1994	1994	1994	na	1994		1994	1994	1999	1994	1999	2006			2012	2010	

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		Address: L.V. Harcourt Lewis Building, Dalkeith, St. Michael.	(Chairperson) TEL: 246-310-3600 CELL: FAX: 246-228-7103 EMAIL: enveng@caribsurf.com
2.5	NATIONAL OPERATIONAL CONTACT FOR MARPOL	Barbados Coast Guard	POC: Lt Cdr Mark Peterson, Commanding Officer TEL: 246-310-3109, 246-310-3100 (24hr) CELL: FAX: 246-228-9876 EMAIL: cobcg@bdf.gov.bb
		Address: HMBS Pelican, Spring Garden Highway, St. Michael	
2.6	NATIONAL OPERATIONAL CONTACT FOR BALLASTWATER	Barbados Port Inc	POC: Richard Alleyne, Manager of Marine Services TEL: 246-434-6128 CELL: 246-826-9026 FAX: 246-429-5348 EMAIL: ralleyne@barbadosport.com
		Address: University Row, Bridgetown, St. Michael	

3. Risk Assessment

3.1	What is your Country's greatest risk for an oil spill?	During fuel transfer from offshore vessels, from inland fuel storage tanks and pipe transmission.
3.2	Date of last oil spill risk assessment?	na
3.3	Topics covered?	na
3.4	Geographic area?	na
3.5	What area is considered a priority?	Impact of oil spills on coastal resources (marine life, beaches and coastline), and groundwater resources.
3.6	Additional comments / Difficulties encountered?	

4. Sensitivity Maps

4.1	Sensitivity Maps exist?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (go to 4.5)
4.2	Date of map or last update?	2011
4.3	Geographic area covered?	Entire island with a focus on coastal areas.
4.4	Format used: paper or electronic?	Both
4.5	Additional comments/ Difficulties encountered?	
4.6	Will you share with RAC/REMPEITC-Caribe data layers for your sensitivity maps if any?	YES RAC/REMPEITC-Caribe was the agency that developed Barbados' sensitivity maps.

5. National Contingency Plan

5.1a	National Contingency Plan exists?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No – Status of Plan <input type="checkbox"/> Draft <input type="checkbox"/> To be developed Details: ...				
5.1b	Is there a National Contingency Plan for HNS incidents? (& if so, is this an extension of the oil spill contingency plan or a separate document?)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No – Status of Plan <input type="checkbox"/> Extension of the NCP <input type="checkbox"/> Separate document <input type="checkbox"/> Draft <input checked="" type="checkbox"/> To be developed Details: ...				
5.2	Date Plan was developed or updated?	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">NCP</th> <th style="width: 50%; text-align: center;">NCP for HNS incidents</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Updated 2012</td> <td></td> </tr> </tbody> </table>	NCP	NCP for HNS incidents	Updated 2012	
NCP	NCP for HNS incidents					
Updated 2012						
5.3	Date approved?	January 2013				
5.4	Is the Plan in electronic format?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; text-align: center;"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </td> <td style="width: 50%; text-align: center;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> </tbody> </table>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
5.5	Date of the last evaluation with the assessment tool, the “Readiness Evaluation Tool for Oil Spills (RETOS™)”					
5.6	What is the National policy on dispersant use and in-situ burning?	Dispersant may be used in pre-approved areas or with permission from the Environmental Protection Department as outlined in the National Dispersant Use Policy. The dispersant policy is found in the Appendices of the National Contingency Plan. In-situ burning would be dealt with case by case and would have to be offshore.				
5.7	Agreements with other organizations for response? (Please provide details)	A national response committee has been formed; it is comprised of various stakeholders in the oil import, oil production, oil storage and oil distribution sectors along with relevant government agencies. Members of this committee have agreed to maintain a supply of spill response equipment and to mobilize resources in the event of Tier II or Tier III spills.				
5.8	Does the country have regulations for managing waste? (Please provide details)	Yes. The Health Services Act (1969); the Marine Pollution Control Act (1998). Offshore Petroleum Act (2007). The National Oil Spill Contingency Plan also identifies agencies which will provide guidance on the disposal of oily waste.				
5.9	Additional comments/ Difficulties encountered?	There a National Hazardous Material Response Plan which was designed to address incidents on land. This plan would have to be updated to include incidences at sea within the territorial waters.				

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6. Exercises / Training / Incidents

6.1	What is the national agency in charge of personnel training?	The Environmental Protection Department facilitates training/simulation exercises for the National Response Team, but individual companies are responsible for training their employees.
6.2	Does a national center exist to train personnel?	<input type="checkbox"/> Yes (Please provide details) <input checked="" type="checkbox"/> No
6.3	Date of last national exercise?	2011
6.4	Has there been any experience of ship-source Oil pollution related incidents?	<input checked="" type="checkbox"/> Yes (Please provide details) Periodic small discharges from vessels in the Bridgetown Port, and discharges from damaged pipelines that resulted in oil migration to the sea. <input type="checkbox"/> No
6.5	Has there been any experience of ship-source HNS related incidents?	<input type="checkbox"/> Yes (Please provide details) <input checked="" type="checkbox"/> No
6.6	Additional comments/ Difficulties encountered?	The main type of hazards was oil spill related and these were general tier 1 events of less than 1000 gallons (24 barrels).

7. Regional Cooperation

7.1	What are the bilateral or multilateral agreements for the country?	
7.2	What are the opportunities in developing a regional exercise in the country?	The Government is open to the idea of developing a regional exercise.
7.3	Is there a mechanism in place to facilitate the clearance of equipment through Customs in an emergency situation? What is the process?	Yes. The list of the equipment is given to the Controller of Customs who will declare and complete the necessary waiver for the importation of equipment. The Controller of Customs is also a member of the National Disaster Emergency Committee.
7.4	Additional comments?	

8. Equipment

8.1	Does your country maintain a list of oil spill cleanup equipment and materials?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (go to 8.4)
8.2	Is this equipment list in	

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	electronic format?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.3	What equipment is available for Oil pollution incident response? (a general indication of the types and amounts of response equipment and materials available from both government agencies and private companies within the country).	Generators- 5 ; Pumps and Hoses- 10; Lighting Units-4 ; Transportation-9; Storage Units-13 with approximately 797brls total capacity ; Watercraft-4 ; Buoys/Anchors-44; Boom-3,600 ft ; Sorbent- 16 bales .
8.4	What equipment is available for HNS incident response? (a general indication of the types and amounts of response equipment and materials available from both government agencies and private companies within the country).	Disposal overalls, respirators (asbestos), safety goggles for personal protection
8.5	Are there agreements in place to facilitate additional support (i.e. aerial support, medical support, manpower, communications) (possibilities for deploying dispersants with planes or helicopters)?	In the event of a national hazard event the regional security system can provide assistance in terms of air support. There is also a regional agreement with the Caribbean Disaster Emergency Management Agency.
8.6	Additional comments?	

FUTURE EXPECTATIONS

Expectations

Introduction

The objective of this part is to identify a country's needed support from various regional and international organizations (activities, manuals, guidelines, etc). This will allow RAC/REMPEITC-Caribe to update their strategic plan to meet the country's expectations and to further develop the Caribbean Island OPRC Plan. While RAC/REMPEITC-Caribe will consider all proposed recommendations, there may be cases where certain expectations will not be met due to financial constraints and/or other commitments.

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9. Technical Support

9.1	With respect to the activities developed by RAC/REMPEITC-Caribe, list three activities that are needed in order to improve your country's pollution response posture.	<ol style="list-style-type: none"> 1. Training in risk assessment and contingency planning for offshore oil and gas platforms. Site visit to an existing offshore oil and gas drilling platform 2. Assistance with the development of a contingency plan to address pollution damage from hazardous and noxious substances carried by ships. 3. Assistance with the conduct of a national risk assessment to determine and refine the appropriate resources needed to respond to a spill event. 4. Assistance with the development of a waste management manual and plan; and an oil spill response procedures by post and task.
9.2	What guidelines or technical manuals does your country use in regards to pollution response preparedness (title & author)?	<p>Barbados National Oil Spill Contingency Plan.</p> <p>NIOSH Pocket Guide to Chemical Hazards – Department of Health and Human Services.</p>
9.3	What guidelines or technical manuals does your country use in regards to pollution response (title & author)?	ExxonMobil Oil Spill Response Manual - ExxonMobil
9.4	How does your country stay informed of the latest response guidelines or obtain updates to the technical manuals (seminars, internet, personal relationships)?	The country stays inform by participating in periodic training in oil spill response conducted by OSRL and through participation in local oil spill simulation exercises. Additionally, updates can be obtained through professional relationships with people in the local petroleum sector. The internet is also used.
9.5	How does your country access these updates (mail order, internet, seminars)?	Attendance at training workshop and research via the internet.

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9.6	<p>Which of these topics would your country need more guidance on?</p> <p><i>Note: Please be specific and add more comments if necessary.</i></p>	<input checked="" type="checkbox"/> Legislation <input checked="" type="checkbox"/> Risk Assessment <input type="checkbox"/> Sensitivity Maps <input checked="" type="checkbox"/> Response Techniques (<i>conventional / alternative</i>) <input type="checkbox"/> National Contingency Plan <input type="checkbox"/> MARPOL (<i>specify Annex</i>)	<input checked="" type="checkbox"/> Waste Management <input checked="" type="checkbox"/> Ballast Water Management <input type="checkbox"/> Anti-fouling Systems <input checked="" type="checkbox"/> International Cooperation <input checked="" type="checkbox"/> Research & Development <input type="checkbox"/> Other: ...
9.7	Why did you choose these topics?	The small size of the Island and its location in the sensitive Caribbean basin make hazardous waste management and disposal a challenge. Furthermore, limited resources/personnel increase the need for international cooperation and research that caters specifically to our unique environment.	
9.8	How would you like these topics to be presented (technically, practically, theoretically, etc.)?	Technically and practically.	
9.9	What are your expectations from the international technical groups?	Technical documents to be used in practical applications. Skill and knowledge transfer	
9.10	Additional comments?	It would be beneficial if members of the National Oil Spill Committee can observe or participate in the process of an actual Tier III oil spill response within the region or internationally. Also to receive training in shoreline cleanup assessment.	

10. Expectations

10.1	<p>During an actual oil spill situation, what are your response expectations at each of the below levels (i.e. initial intervention, organization, coordination, equipment, waste management, compensation, etc.)?</p>	<p>General main aims of an oil spill response activity are to:</p> <ol style="list-style-type: none"> a. prevent loss of life; b. minimize environmental impacts to sensitive receptors; c. minimize impacts to productive economic sectors (fisheries, tourism etc.); and d. establish clear mechanisms for communicating with stakeholders.
	TIER 1	Responsible party is able to successfully address the spill using its own resources.
	TIER 2	If the resources of the responsible party are insufficient to cope with the incident further resources from other companies may be mobilized on a mutual assistance basis.

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	TIER 3	National resources are deployed to address the spill. Regional or international assistance/ equipment may be required to mitigate these large spills of over 476 barrels of oil. Compensation made by responsible party.
10.2	What are your expectations in regards to bilateral or multilateral agreements?	Clear mechanism on the modality of assistance, training and compensation.
10.3	What are your expectations in regards to the Caribbean Island OPRC Plan?	To develop a functioning mutual assistance framework with other Caribbean nations.
10.4	Additional comments?	

Please enclose all relevant documents/plans when you return this questionnaire to RAC/REMPEITC-Caribe.