



RAC-REMPEITC

Caribe



*RAC/REMPEITC-Caribe: Regional
Activity Center/Regional Marine
Pollution Emergency Information
and Training Center*

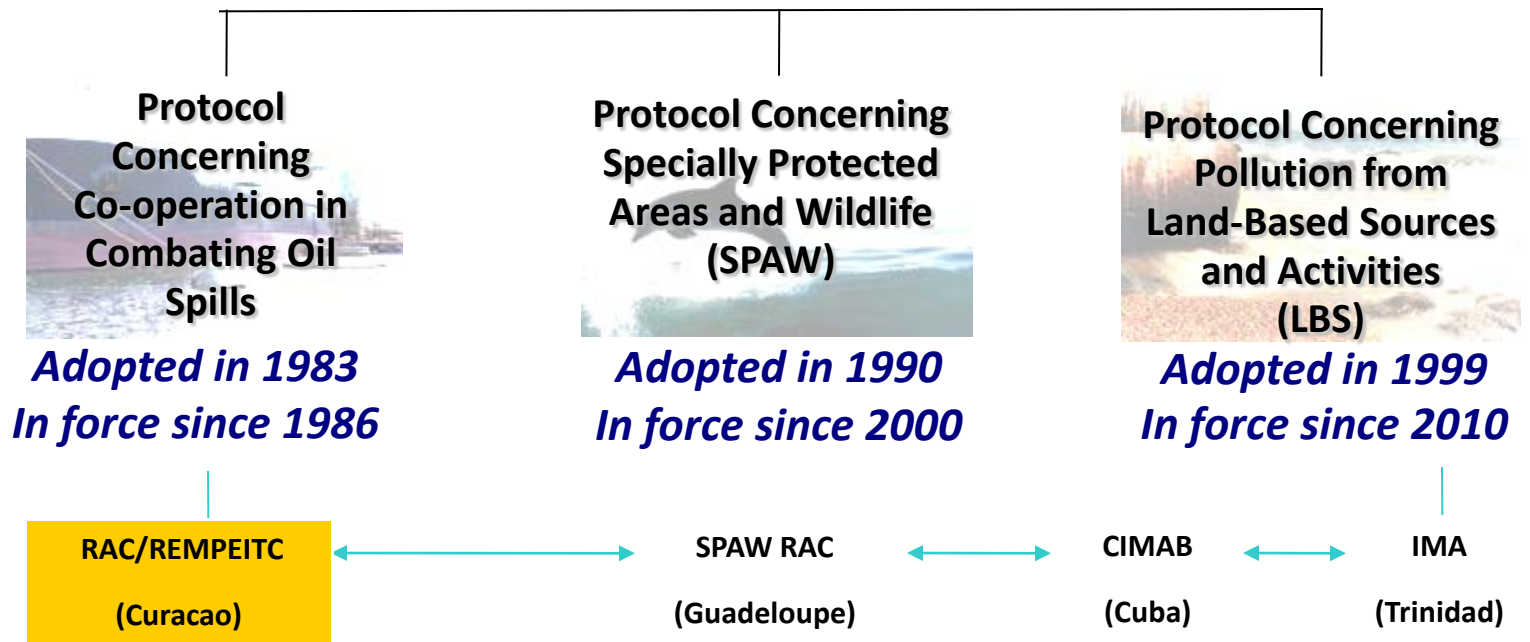
August 2013

Felton Gilmore – Sr. IMO Consultant – RAC/REMPEITC-Caribe

Cartagena Convention

Cartagena Convention

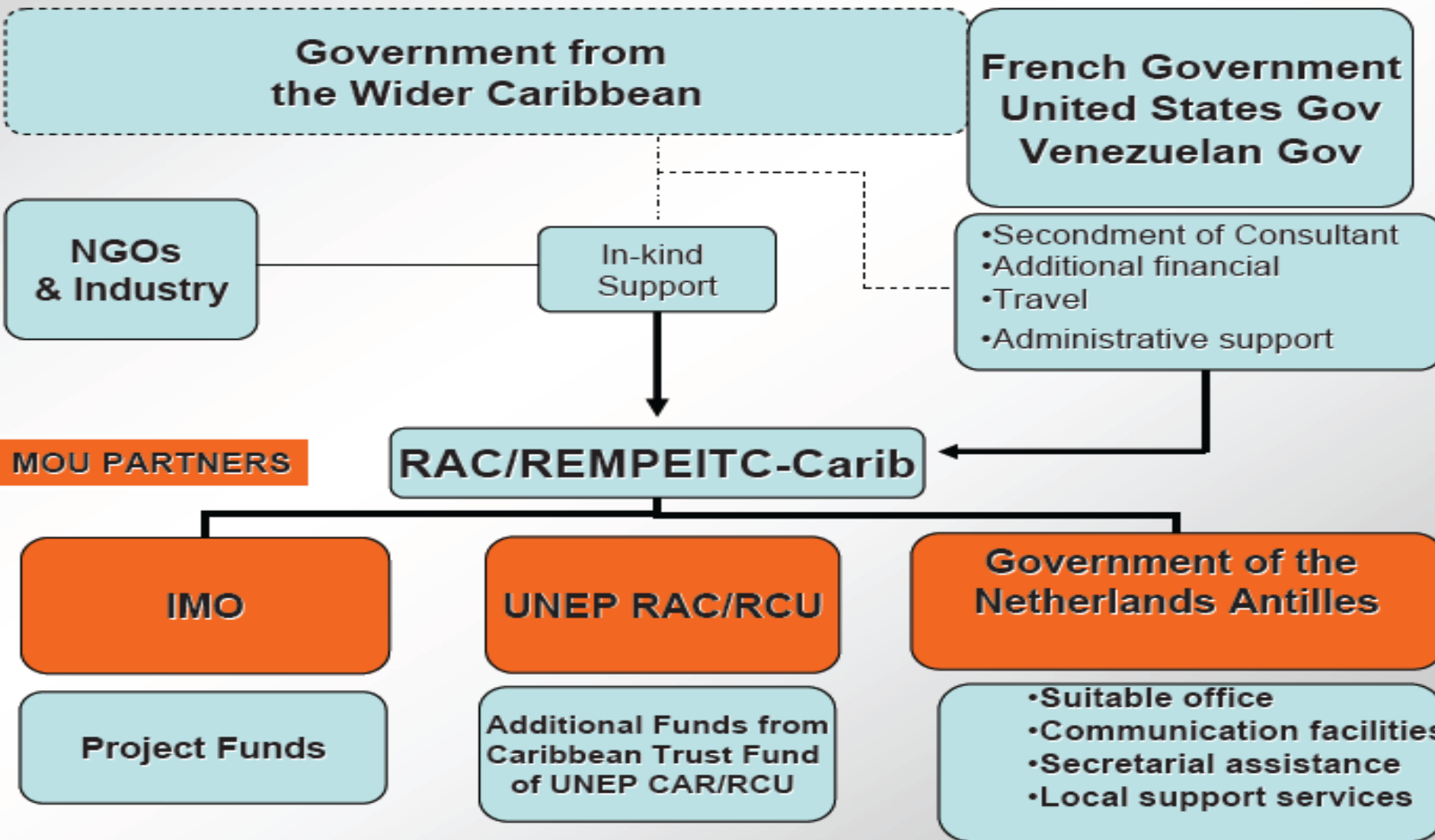
1976: Caribbean Environment
Programme (Regional Seas)



RAC/REMPEITC

- **Established** : Seventh Intergovernmental Meeting of the Action Plan and Fourth Meeting of the Cartagena Convention and Protocols, 1994
- **Opened**: Framework of the Caribbean Environment Program (CEP), June 15th 1995
- **Memorandum of Understandings:**
 - **UNEP – IMO – Kingdom of The Netherlands**: Provides the Mission Statement, Goals, and Staff Make-up with roles supported by each organization.
 - **United States Coast Guard – International Maritime Org**: Provides staffing consideration and budget commitments

RAC/REMPEITC



Staff:

Acting Director:

- Mr. Thomas Smith, Curacao

Consultants:

- Ms. Anne Reglain, France
- CDR Felton Gilmore, United States

Office Manager:

- Ms. Carla Bikker, Curacao



you are here: home

Navigation

- [Home](#)
- [About Us](#)
- [News & Events](#)
- [Activities](#)
- [Country Profiles](#)
- [Regional OPRC Plans](#)
- [GloBallast Partnerships](#)
- [Maritime Traffic](#)
- [Links](#)

Welcome to RAC/REMPEITC-Caribe

The Regional Marine Pollution Emergency Information and Training Center for the Wider Caribbean (REMPEITC-Caribe) is a Regional Activity Center (RAC) for the Protocol Concerning the Cooperation in Combating Oil Spills in the Wider Caribbean Region (Oil Spills Protocol).



This website is designed to improve the oil spill response communication between the governments of the various countries of the Wider Caribbean Region and to provide information on oil spill pollution prevention and response for the Wider Caribbean Region.

You will find general information on our [activities](#), our objectives and our upcoming [events](#).

Oil spill response technical documents are downloadable and a country profile database is available to view to increase the cooperation within the Caribbean and Central American nations, other regional states, and centers.

<http://cep.unep.org/racrempeitc>

Missions

- Strengthen national and regional capabilities
- Exchange information and provide technical assistance
- Facilitate cooperation
- Promote the ratification of international IMO conventions

Activities

- Training courses, Regional seminars, Exercises, Technical support/consultancy
- Defined by the RAC/REMPEITC Steering Committee –*Strategic Plan by Biennium*
- Approval during the Intergovernmental Meeting (IGM) of the Contracting Parties to the Cartagena Convention
- Support through the *Programme Implementation Document*(PID) of IMO



1/ Oil Spill Preparedness, Response and Cooperation



2/ Marine Pollution Prevention

- Pollution from Ships: garbage, oil...
- Invasive Alien Species: ships' ballast water management
- Harmful Anti-Fouling Systems on Ships
- Clean Air Emissions

- Wider Caribbean Regional Response Plan
 - Update
 - Multi-lateral Agreement
- Marpol VI
 - LNG Pilot Programs
- GloBallast – Compliance Monitoring Enforcement for Ballast Water Management
- GIS Data Base

Wider Caribbean Regional Response Plan



Caribbean Island OPRC Plan:

- All Caribbean Islands (*except Haiti*) present a National Contingency Plan
- Caribbean Island OPRC Plan developed in 2006
- Content:
 - Organizational Plan
 - Initiating Assistance
 - Pollution Reporting System (CARIBPOLREP)
 - Equipment Available Caribbean Sub Region
 - Caribbean Plan for Mobilization of Personnel and equipment
 - Financial procedure for movement of personnel and equipment
 - Intervention and cost recovery
 - Assistance from foreign government or commercial response teams
 - Use of dispersants, In-situ burning, and bioremediation techniques
 - Risk areas in the Caribbean Sub Region
 - Sensitive Areas in the Caribbean Sub Region ANNEXES
 - Cartagena Convention and Protocol – Country Profile (including Focal Points)
- **NEW ANNEX – MULTI LATERAL AGREEMENT FOR OFF DRILLING CONTINGENCIES**
- **REVIEW & ALIGNMENT OF WCR & CENTRAL AMERICAN PLANS**

Wider Caribbean Region Multilateral Technical Operating Procedures (MTOPT) for Offshore Oil Pollution Response

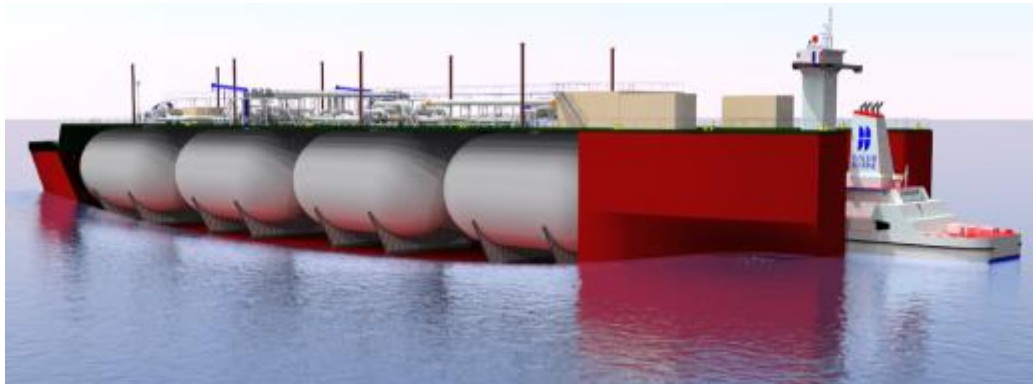
Objective - *These non-binding procedures are intended to complement the above referenced documents, but in addition include amplifying information regarding offshore response issues and more detailed operational aspects for joint responses where participating countries' interests could be impacted by an oil spill.*

Multilateral Coordination Team - may meet approximately every six months to share lessons learned from real time incidents, discuss best management practices, review response coordination procedures and develop and maintain professional relationships. Between meetings the Multilateral Coordination Team should engage in systematic exchange of information, issues, and concerns related to oil spill contingencies through the listserv.

- **Content-**
 - Roles
 - Definitions
 - Scope
 - Notifications
 - Drills/Exercises
 - Region
 - Moving of People/Equipment (ie.
- **Visas/Customs/Immigration, etc.)**
 - Focal Points/Contacts
 - Cross Boundary Mitigation, Containment, Cleaning
 - Geographic Scope
 - Coordinated Efforts
 - Etc.

RAC/REMPEITC - MARPOL VI

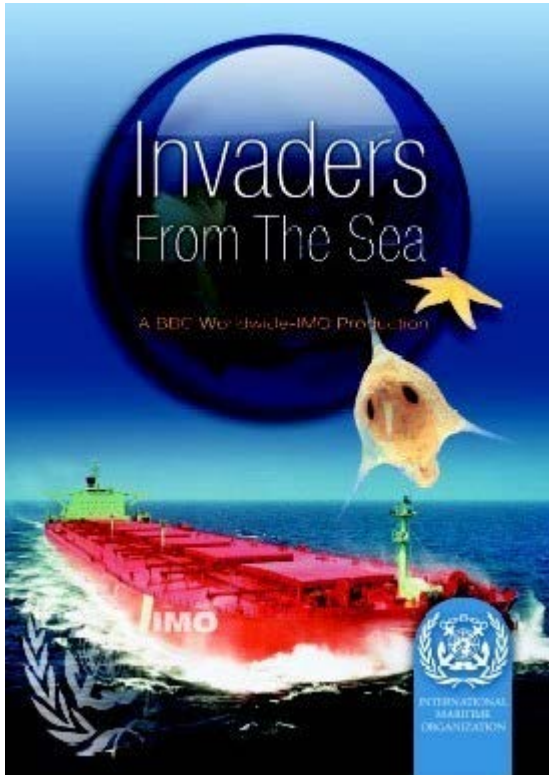
- “Feasibility Study on LNG Fuelled Shortsea and Coastal Shipping in the Wider Caribbean Region”
- “Feasibility of LNG Bunkering for LNG Fuelled Vessels Shipping in the Wider Caribbean Region”
- LNG Pilot Program for High Speed Passenger Ferry, Trinidad & Tobago
- “The Potential of LNG Powered International Shipping in the North American Emission Control Area (ECA)”



RAC/REMPEITC - Ballast Water Convention



SUSTAINABLE DEVELOPMENT:
IMO'S CONTRIBUTION
BEYOND RIO+20



Caribbean Leader Partner Nations:

- Trinidad & Tobago (Ratified)
- Panama
- Bahamas
- Jamaica

Proposed Twinning Partners:

- Dominica
- St. Lucia
- Antigua & Barbuda

2013 Project's Priority Actions



- Finalize and publish a guidance on detailed or expanded inspections as part of ballast water discharge Compliance Monitoring and Enforcement (as part of the revision of the **CME training package**, also focused on "**sampling**" ballast water discharge for compliance monitoring – Training will start towards the end of the year)
- Finalize and publish a *GloBallast Guidance Document on **Risk** - Identifying and Managing Risks from Organisms Carried in Ballast Water* with WMU
- Finalize and publish an updated Guidance for conducting Port Biological Baseline Surveys (**PBBS**) with IOI-SA, NIO and IUCN
- Revamp/redesign our GloBallast website and give better access to global, regional and national level data.



- Finalise remaining national consultancies in some LPCs
- Finalise and adopt national strategies
- Implement the CME and train PSCOs
- Organise “twinning” between LPCs and PCs to ensure dissemination and sharing of experiences for greater capacity building
- Complete the Country Profile Database at least by LPCs
- Contribute to data needed to update the GloBallast website
- Identify a plan to start implementing the regional strategy
- Initiate Regional risk assessments



- Yesterday, the GloBallast Project won the ‘Best Innovative Project’ award at the 6th Marine BizTV International Maritime Awards in Dubai!

For this, we would like to say a big thank you to all our partners, as without you, we wouldn't have been able to achieve this global success!

- IMO-IMarEST Shipping Industry Forum on the Ballast Water Management Convention, Busan, Republic of Korea, 22 October 2013
- 5th IMO-GloBallast and Republic of Korea R&D Forum on BWM, Busan, Republic of Korea, 23-25 October 2013
- 7th GEF Biennial International Waters Conference (IWC7), 28-31 October 2013, Bridgetown, Barbados



**SUSTAINABLE DEVELOPMENT:
IMO'S CONTRIBUTION
BEYOND RIO+20**

IMO-GloBallast and Republic of Korea 5th Global R&D Forum and Exhibition on Ballast Water Management

BEXCO, Busan, 23-25 October 2013

Meeting the demands of the BWM Convention : R&D in the context of catalysing innovative technologies

IMO-GloBallast-IMarEST Shipping Industry Forum – 22 October 2013



**SUSTAINABLE
DEVELOPMENT:**
IMO'S CONTRIBUTION
BEYOND RIO+20

GIS-based database on the
maritime traffic in the Wider
Caribbean region

Purpose of the tool

- ✓ Better knowledge of the maritime traffic in the region
- ✓ Risk assessment tool
 - How many vessels pass close to my coastlines?
 - How many oil tankers, chemical tankers...?
 - Where are the biggest risks of accidents/spills?
- ✓ Implementation of the Special Area under MARPOL Annex V
- ✓ Support to other initiatives
 - New particularly sensitive areas
 - Projects on the social impact of oil spills
 - Comparison maritime routes vs “marine mammals routes”
 - New market projections

Methodology



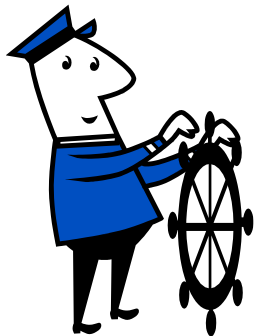
Data: Lloyd's MIU, 2007/2008
Ships, ports of departure and
arrival, dates

**Theoretical computer-
based model:** rules and
restrictions



**GIS database
Online**

VOS data: real
positions of ships



Where do the
vessels really go
between ports?

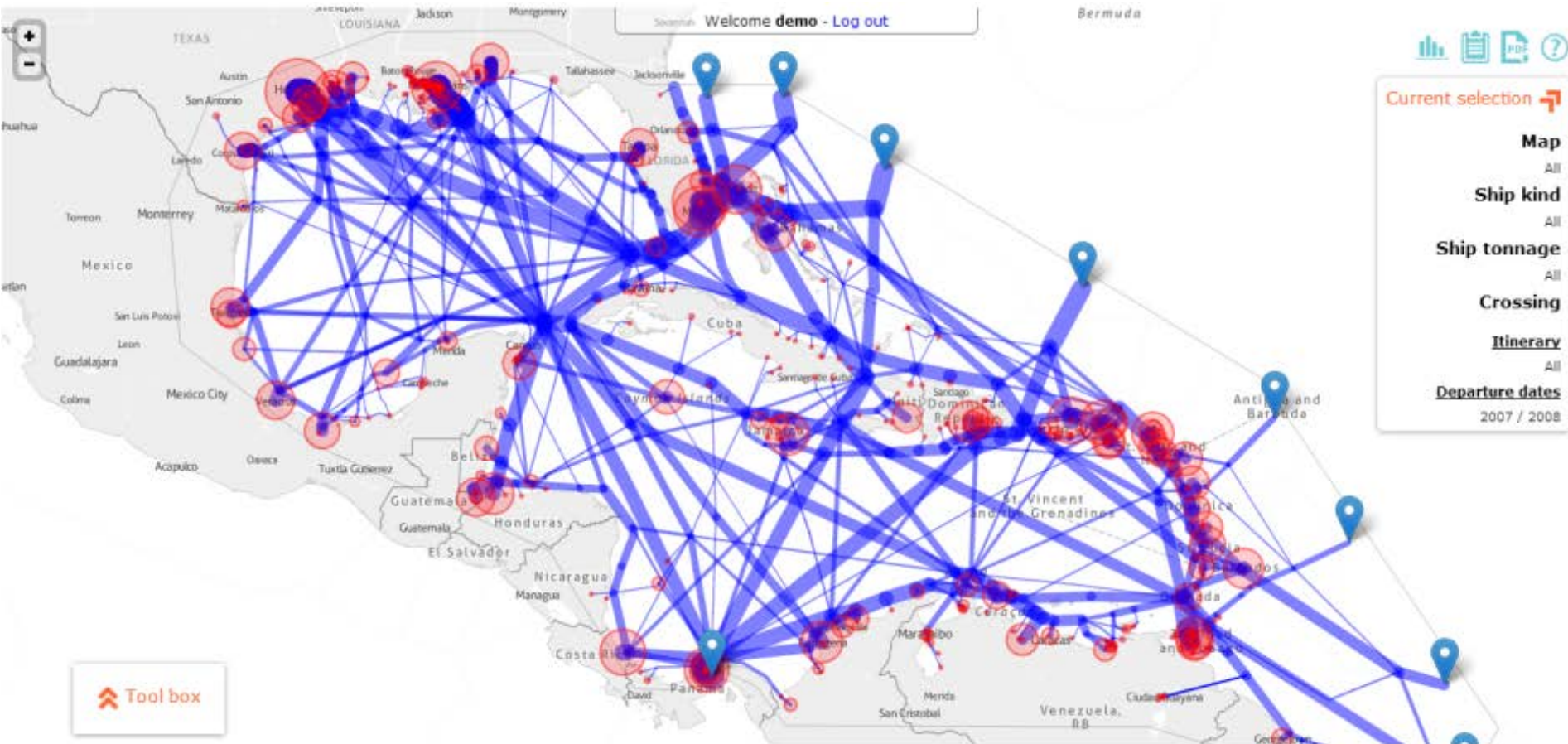


**Validation and Improvement
of the database**

Methodology



Presentation of the tool

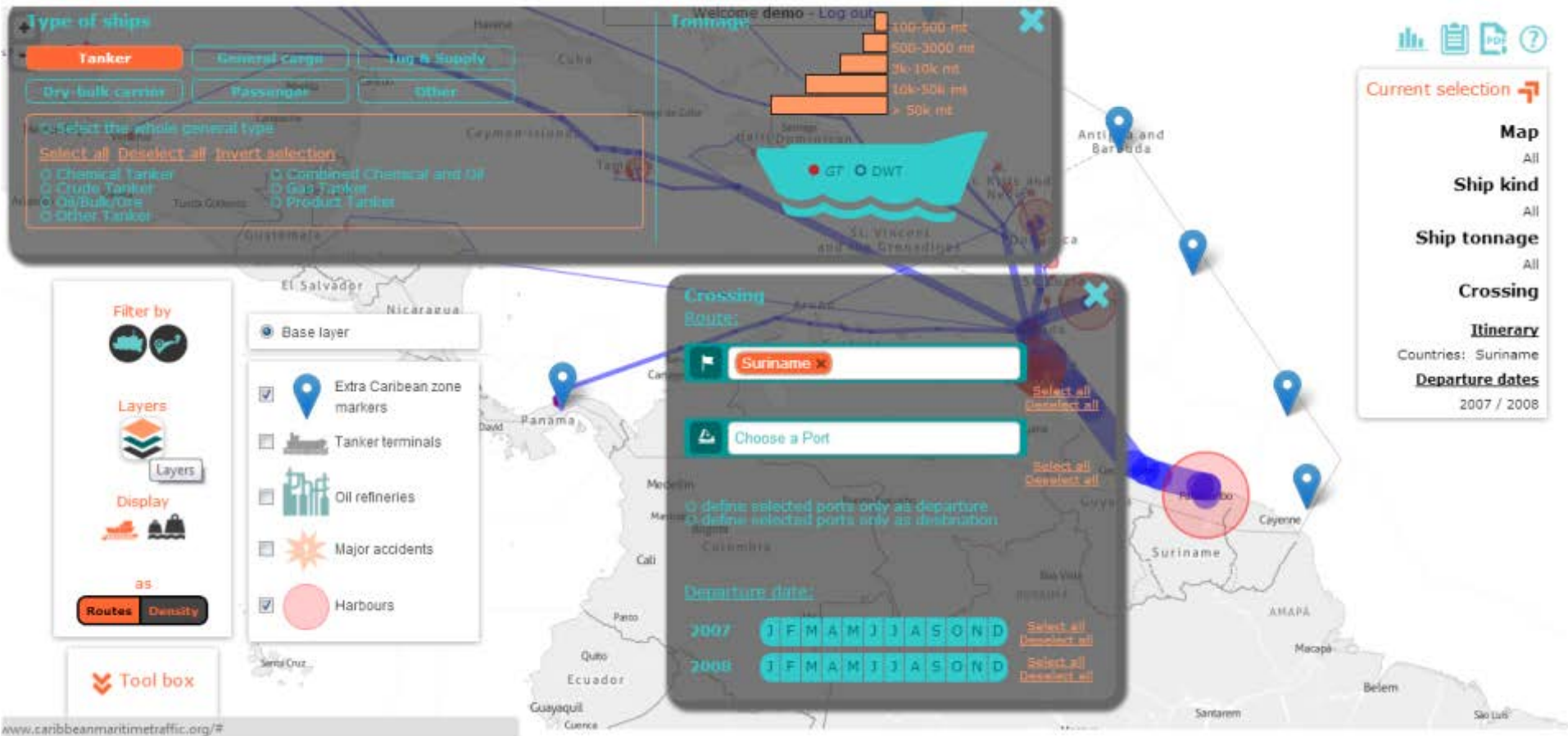


Presentation of the tool

- ✓ Maritime Routes and Traffic Density
- ✓ Traffic in Ports
- ✓ Oil infrastructures (refineries and terminals)
- ✓ Main past oil spills



Presentation of the tool

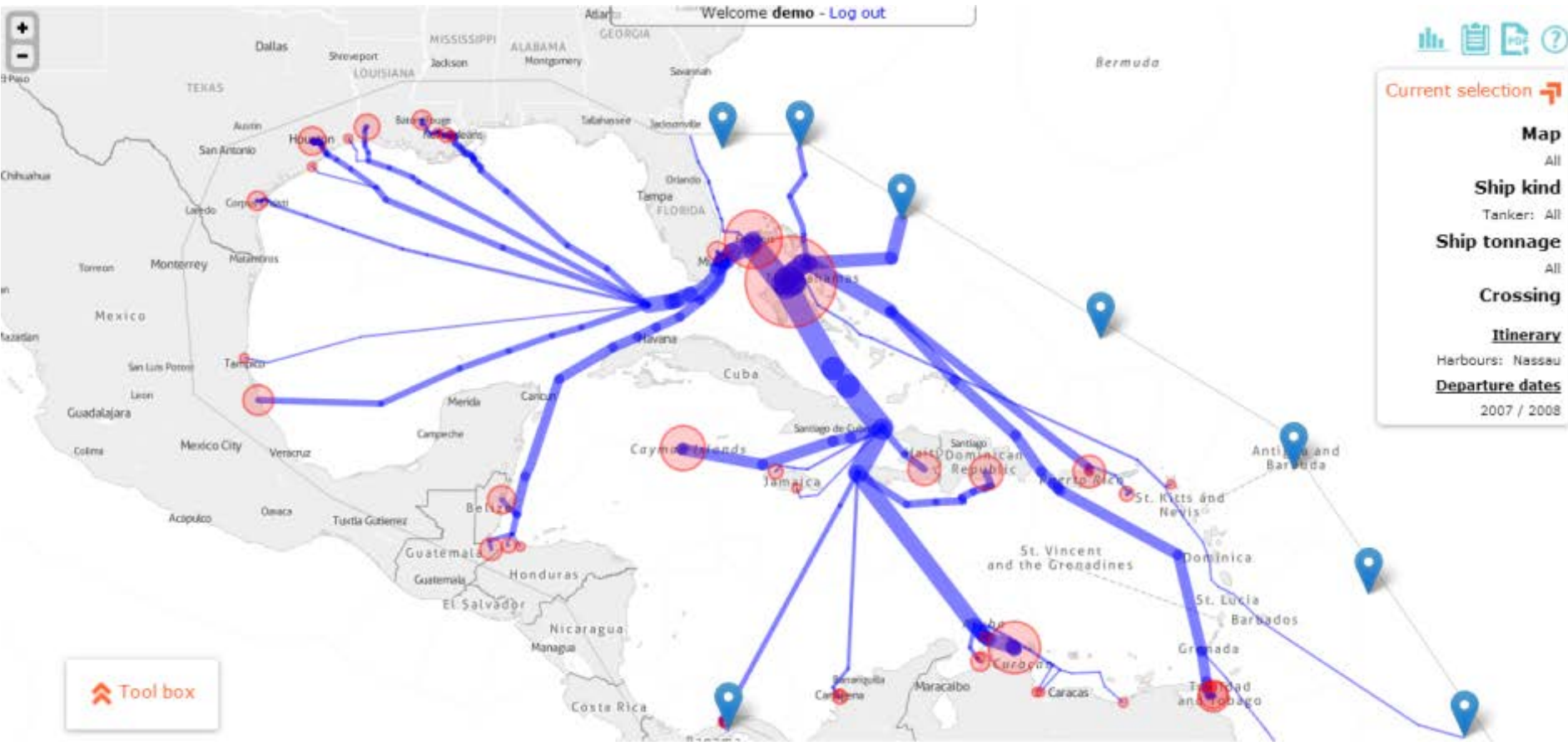


The screenshot displays the RAC-REMPEITC Caribe tool interface, which includes several key components:

- Type of ships:** A panel on the left with buttons for 'Tanker', 'General cargo', 'Log & Supply', 'Dry-bulk carrier', 'Passenger', and 'Other'. Below these are radio buttons for 'Select the whole general type' and 'Select all', 'Deselect all', and 'Invert selection'. A list of ship types includes: Chemical Tanker, Crude Tanker, Oil/Bulk/ore, Other Tanker, Combined Chemical and Oil, Gas Tanker, and Product Tanker.
- Tonnage:** A bar chart showing tonnage ranges: 100-500 mt, 500-3000 mt, 3k-10k mt, 10k-50k mt, and > 50k mt. A ship icon is shown with radio buttons for 'GT' and 'DWT'.
- Crossing Routes:** A central panel with a search bar containing 'Suriname', a 'Choose a Port' button, and options to 'define selected ports only as departure' or 'define selected ports only as destination'. It also features a 'Departure date:' section with month selection for 2007 and 2008.
- Filter by:** A panel on the left with icons for 'Filter by' and 'Layers'.
- Layers:** A panel on the left with checkboxes for 'Base layer', 'Extra Caribbean zone markers', 'Tanker terminals', 'Oil refineries', 'Major accidents', and 'Harbours'.
- Display:** A panel on the left with icons for 'Display' and 'as'.
- Tool box:** A panel on the left with a 'Tool box' button.
- Current selection:** A panel on the right with a 'Current selection' button and a list of filters: 'Map', 'Ship kind', 'Ship tonnage', 'Crossing', and 'Itinerary'. The 'Itinerary' filter is selected, showing 'Countries: Suriname' and 'Departure dates: 2007 / 2008'.

The map shows a network of shipping routes across the Caribbean region, with various ports and markers overlaid. The URL www.caribbeanmaritimetraffic.org/# is visible at the bottom left.

Presentation of the tool



RAC/REMPEITC – 2012 Activities

22 - 23 May 2012	OilSpill Response/ ARPEL	Trinidad & Tobago
17 - 20 July 2012	General Training Pollution and Response	Puerto Rico
13 Sept. 2012	One Caribbean One Response	Trinidad and Tobago
2 - 4 Oct. 2012	Oil Spill Preparedness and Response	Turks and Caicos
8 Oct. 2012	Oil Spill Presentation for Curacao Students	Curacao
16 - 18 Oct. 2012	Regional MARPOL Workshop	Suriname
25 - 27 Oct. 2012	15th IGM	Dominican Republic
5 - 9 Nov. 2012	Oil Spill Preparedness training CCA	Fort Lauderdale
13 - 15 Nov. 2012	National MARPOL Workshop	Bahamas
19 - 23 Nov. 2012	MACHC Commision Meeting	Guatemala
26 - 29 Nov. 2012	Oil Spill Preparedness and Response	Saba
3 Dec. 2012	CDM Meeting	Montego Bay
10 - 14 Dec. 2012	CME / Port State Control	Jamaica
29- 30 Aug. 2012	Regional OPRC Forum	Mexico
13 Sept. 2012	One Caribbean One Response	Trinidad and Tobago
17 - 19 Sept. 2012	GPTF Meeting	South Africa

RAC/REMPEITC – 2012 Activities

24 - 28 Sept. 2012	OPRC- HNS Technical Group	London
1 - 5 Oct. 2012	64th MEPC	London
25 - 27 Oct. 2012	15th IGM	Dominican Republic
5 - 7 Nov. 2012	LNG Workshop	Trinidad and Tobago
26 - 29 Nov. 2012	Oil Spill Preparedness and Response	Saba
10 - 14 Dec. 2012	CME / Port State Control	Jamaica
17 - 19 Dec. 2012	CME / Port State Control	Panama

Thank you for your attention



Any questions or
comments?