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Eighteenth Intergovernmental Meeting on the Action Plan for the Caribbean Environment Programme and Fifteenth Meeting of the Contracting Parties to the Convention for the Protection and Development of the Marine Environment of the Wider Caribbean Region

Roatan, Honduras, 5 to 6 June 2019

RAC/REMPEITC-Caribe REPORT OF ACTIVITIES 2016-2018

For reasons of economy and the environment, Delegates are kindly requested to bring their copies of the Working and Information documents to the Meeting, and not to request additional copies.

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RAC/REMPEITC-Caribe Summary of
Activities and Achievements from July 2016 to May 2018

In the past twenty four months, RAC/REMPEITC-Caribe: organized and conducted 7 regional workshops and 22 national-level capacity building events; completed a Regional Reception Facility Plan (RRFP) feasibility study for the 16 independent Small Island Developing States (SIDS) of the Wider Caribbean Region that included assessment of waste reception facilities at over 20+ ports in 14 countries and 15 national multiagency stakeholders meetings; assisted 6 delegates in securing conference scholarships; assisted 4 countries in completing the GloBallast Partnership Program (two of which have since ratified the BWM Convention); formalized a harmonized Regional Ballast Water Management Guidelines for the countries of the Wider Caribbean Region; coordinated response actions and assistance between five States following a major oil spill in the Caribbean; represented the Wider Caribbean Region (WCR) at the International Maritime Organization's (IMO) Marine Environmental Protection Committee (MEPC) and other international forums in Europe, the U.S.A. and throughout the Wider Caribbean; and presented numerous technical subjects both within and outside the WCR. In total, over this period the Center conducted more than 45 marine environmental protection-related outreach activities that reached over 1,000 maritime operators, planners and responders across more than thirty countries. Additionally, RAC/REMPEITC-Caribe was selected as a co-recipient of a 2017 North American Marine Environment Protection Association (NAMEPA) Marine Environment Protection Award in recognition of efforts to "Save our Seas"

Conventions), the International Convention on the Control of Harmful Anti-fouling Systems on Ships (AFS), and others. Over time, as new maritime environmental conventions were adopted globally, RAC/REMPEITC-Caribe became the regional coordinator for providing training and promoting prevention and preparedness in these new conventions throughout the region.

Regional and Sub-Regional Workshops:

The following workshops were organized, coordinated and facilitated by RAC/REMPEITC-Caribe with over $300,000 in funds received from IMO, following successful proposals submitted by the Center, and based on the needs and requests identified by the senior maritime authorities of the WCR:

1. **Sept 21-22, 2016**: ***GloBallast workshop on Risk Assessment and Port Biological Baseline Survey in Kingston, Jamaica***. This workshop, the first of its kind, constituted a pilot course to introduce the theory and practices of Risk Assessment (RA) and Port Biological Baseline Surveys (PBBS), as integrated management approaches tied to the BWM Convention and GloBallast Monograph Series publications numbers 21 and 22. The seminar was organized by GloBallast and the Maritime Authority of Jamaica, with the support of **RAC/REMPEITC-Carib** and the Permanent Commission for the South Pacific (CPPS), and it was funded by the GEF-UNDP-IMO GloBallast Partnerships Project. Attending the workshop were 21 representatives from all LPCs located in the Caribbean and CPPS regions: Argentina, Colombia and Chile, and from The Bahamas, Jamaica, Venezuela, Panama and Trinidad and Tobago. The majority of participants came from Maritime Administrations and Environmental institutions.

2. **<u>Oct 4-6, 2016</u>:** ***Regional Workshop on Port Reception Facilities (PRFs) and Waste Management,*** **Port of Spain, Trinidad and Tobago.** The workshop was organized and conducted by RAC/REMPEITC-Caribe under the auspices of IMO and cooperation from The Government of Trinidad and Tobago and the USCG, the workshop was attended by forty one (41) senior government administrators representing national authorities responsible for marine pollution prevention and control from the following twelve Small Island Developing States: Antigua and Barbuda, Barbados, Belize, Dominica, Grenada, Guyana, Jamaica, St. Kitts and Nevis, St. Lucia, St. Vincent and Grenadines, Trinidad and Tobago, and Suriname. The workshop furthered discussions and initiated the process of possibly creating a Regional Reception Facility Plan for the SIDS of the WCR.

3. **<u>Nov 14-18, 2016</u>:** ***Sub-Regional Level 2 IMO Training Course on Oil Pollution Preparedness, Response and Co-operation*****, Pointe-à-Pitre, Guadeloupe.** The workshop was organized and conducted by RAC/REMPEITC-Caribe under the auspices of IMO and cooperation from the Government of Guadeloupe with assistance from Oil Spill Response Limited (OSRL), International Tanker Owners Pollution Federation Limited (ITOPF), The Centre of Documentation, Research and Experimentation on Accidental Water Pollution (CEDRE), and The Centre for Studies and Expertise on the Risks, the Environment, Mobility and Development (CEREMA). Fourteen (14) students attended from: Antigua and Barbuda, Bahamas, Grenada, Guyana, Haiti, St. Lucia, Trinidad and Tobago, St. Vincent, and Guadeloupe. The Course improved knowledge relating to oil spill preparedness, response and co-operation using a tailored version of the IMO Model course with ample opportunity for participants to take part in practical and theoretical exercises. In addition, the course was a unique opportunity to strengthen regional cooperation and train new on-scene commanders and responders within the region.

4. **<u>Dec 13-16, 2016:</u>** ***IMO Regional Workshop on Oil Spill Contingency Planning*****, held in Nassau, Bahamas**. The workshop was organized and conducted by RAC/REMPEITC-Caribe under the auspices of IMO and cooperation from the Government of The Bahamas Ministry of Transport and Aviation, with assistance from: The Regional Association of Oil, Gas and Biofuels Sector Companies in Latin America and the Caribbean; the USCG; OSRL; POLARIS Applied Sciences Inc; and Independent Consultant Dario Miranda. The workshop was attended by fourteen (14) senior managers and contingency planners from national maritime authorities from Antigua, Bahamas, Barbados, Belize, Costa Rica, Grenada, Guatemala, Jamaica, St. Lucia, Trinidad and Tobago, and Panama. The four-day workshop provided training on oil spill preparedness, contingency planning and developing exercises. Participants acquired and improved their knowledge related oil spill preparedness and response, while actually reviewing and assessing their respective government's national oil spill contingency preparedness and response programs. Each participant departed the workshop with the outline of a strategic plan framework that could be directly used as an improvement plan for building capacity and making needed changes to their own national oil spill preparedness and response programs.

5. **<u>May 21-25, 2017:</u>** ***Sub-Regional Workshop on IMO's Guidance on the Implementation of an Incident Management System (IMS)***, **held in Nassau, The Bahamas*:*** The workshop was organized and conducted by RAC/REMPEITC-Caribe under the auspices of IMO and cooperation from the Government of The Bahamas and the Malaysian Maritime Authority, with assistance from the U.S. National Oceanographic and Atmospheric Administration, OSRL, Center for Toxicology & Environmental Health, and Gallagher Marine Systems. The five day workshop was attended by sixteen (16) maritime officials from: The Bahamas, Belize, Colombia, St. Lucia, Dominican Republic, St. Kitts and Nevis, Guyana, Haiti, Jamaica, Mexico, Suriname, Trinidad and Tobago and St. Vincent & The Grenadines. The workshop: improved participants' knowledge relating to oil spill preparedness, response and cooperation; provided an opportunity to take part in practical and exercises; and developed

recommendations to improve the regional Caribbean Island OPRC Plan and the Central American OPRC Plan.

6. **<u>June 5-9, 2017</u>: Regional Workshop on Ballast Water Management (BWM), held in Panama City, Panama**. The workshop was organized and conducted by RAC/REMPEITC-Caribe under the auspices IMO with cooperation from the Government of Panama and the Malaysian Maritime Authority with assistance from the USCG Headquarters, Environmental Standards Division; Smithsonian National Ballast Information Clearinghouse; Smithsonian Tropical Research Institute; Florida Atlantic University's Harbor Branch Oceanographic Institute; United Nations Environment Program; Colombia Naval Academy; University of West Indies; University of Trinidad and Tobago; University of The Bahamas; University Malaysia Terengganu; and the Malaysian Maritime Authority. Thirty nine (39) senior maritime officials, representing the following WCR States, attended the workshop: Antigua & Barbuda, Barbados, Belize, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, the Kingdom of the Netherlands, Nicaragua, Panama, Saint Kitts & Nevis, Saint Lucia, Saint Vincent & the Grenadines, Suriname, Trinidad & Tobago and the United States of America. The workshop: 1) re-established the Regional Task Force on Control and Management of Ships' Ballast Water and Sediments in the Wider Caribbean Region and El Salvador; 2) revised and revitalized the *Regional Strategic Action Plan to Minimize the Transfer of Harmful Aquatic Organisms and Pathogens in Ships' Ballast Water and Sediments, for the Wider Caribbean Region*; 3) established draft regional *Guidelines for Ballast Water Exchange and Sediment Management in The Wider Caribbean Region*; and 4) secured support and commitment from delegates to establish a Caribbean Maritime Invasive Species Clearinghouse to be connected via RAC/REMPEITC-Caribe's website.

7. **<u>Oct 2-5, 2017:</u> IMO Sub-Regional OPRC Convention Workshop on: Oil Spill Response Equipment, Simulation Exercises and Co-ordination with Neighboring Countries**. Forty one government maritime representatives from The Bahamas, Barbados, Colombia, Cuba, Curacao, Guyana, Honduras, Jamaica, Mexico, Panama, Suriname, and Trinidad and Tobago; and 10 commercial orgaizations gathered in Cartagena Colombia for this workshop conducted by the RAC/REMPEITC-Caribe with IMO Technical Cooperation funds. Each of the States represented has offshore oil interests in the Caribbean, and the premise of the workshop followed Article 6 of the International Convention on Oil Pollution Preparedness, Response, and Co-Operation (OPRC) in that it aimed at building capacity for Parties: *in establishing, either individually or through bilateral or multilateral cooperation, and in co-operation with the oil and shipping industries, port authorities and other relevant entities: minimum levels of pre-positioned oil spill combating equipment; programs of exercises and training; detailed plans and communication capabilities for responding; and mechanisms or arrangements to co-ordinate a response and the capabilities to mobilize the necessary resources*. Hosted by the Colombian Maritime Authority (DIMAR), presentation, demonstration and facilitation of course and exercise material for the workshop involved professional representatives from: Oil Spill Response Limited; Shell Exploration and Production Co.; Exxon Mobil Biomedical Sciences, Inc; T&T Salvage; LAMOR Corporation AB; VARICHEM de Colombia G.E.P.S.NGOs; and RAC/REMPEITC-Caribe.

Marine Environmental Protection-related Workshops, Capacity Building & Outreach Events:

- <u>Sept 6, 2016</u>: **Technical Assistance visit** to Bogotá Colombia. Keith Donohue met with senior maritime officials and delivered a full-day of presentations related to oil spill response preparedness to twelve (12) government officials.

- Sep 21-22, 2016: **GloBallast workshop on Risk Assessment and Port Biological Baseline Survey, Jamaica**. Carla Bikker assisted with coordinating participation, and Keith Donohue attended workshop attended by twenty two (22) representatives of maritime authorities, environmental agencies, universities, and intergovernmental organizations from Argentina, Bahamas, Chile, Colombia, Guatemala, Jamaica, Trinidad and Tobago, Panama, and Venezuela.
- Oct 24-28, 2016: **IMO's MEPC 70**, London: Keith Donohue attended as a representative of the WCR.
- Nov 1-4, 2016: **Clean Gulf Conference**: Keith Donohue presented to over forty (40) spill response professionals during the session titled: "Response & Recovery: International Challenges within the GOM & Caribbean Ocean."
- Jan 16-20 2017: **IMO's PPR4**, London January 2017: Keith Donohue attended as a representative of the WCR and presented to the fifteen (15) member Oils Spill Committee results and lessons learned from previous workshops.
- Jan 23-27, 2017: Keith Donohue attended and presented to over thirty (30) U.S. Government and commercial agencies involved in emergency response at the **Caribbean Regional Response Team Meeting**, in San Juan, Puerto Rico. He presented on recent developments at IMO, workshop findings, and recommendations from the WCR maritime authorities for improving regional spill response and preparedness capabilities.
- Feb 7-8, 2017: Keith Donohue attended the **Regional Workshop for Senior Maritime Administrators**, Bridgetown in Barbados where he: presented recommendations for future regional capacity building needs; garnered future support for RAC/REMPEITC-Caribe; and presented to thirty eight (38) senior maritime administrators representing the maritime administrations of: Anguilla, Antigua and Barbuda, Aruba, the Bahamas, Barbados, Belize, Cayman Islands, Curacao, Jamaica, the Netherlands (Bonaire, Sint Eustatius, Saba), Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago and the Turks and Caicos.
- Mar 15-17, 2017: Keith Donohue attended the **Seventeenth Intergovernmental Meeting on the Action Plan for the Caribbean Environment Programme and Fourteenth Meeting of the Contracting Parties to the Convention for the Protection and Development of the Marine Environment of the WCR**, in French Guiana, where he: presented recommendations from regional maritime administrators; garnered future support for RAC/REMPEITC-Caribe; and presented to over sixty (60) senior environmental and ministry-level delegates from Antigua and Barbuda, Bahamas, Barbados, Belize, Brazil, Colombia, Costa Rica, Cuba, Curacao, Dominica, Dominican Republic, France, Grenada, Guyana, Jamaica, Netherlands, Saint Kitts, Saint Lucia, Suriname, Trinidad and Tobago, U.S.A., and other international government organizations.
- April 6, 2017: **Conferentie Crisis Communicatie** (Crisis Communications Conference), sponsored by the Kingdom of the Netherlands, for seventy (70) Police, Public Prosecutors, Defense, Fire, Emergency Response & Media Relations personnel of: Aruba, Curacao, St. Maarten, Bonaire, St. Eustatius and Saba, and held in Willemstad, Curacao. Keith Donohue: attended as a guest speaker and oil spill technical expert; co-presented on "Crisis Communication During an Oil Spill;" and helped facilitate a Table Tope Exercise.
- May 2, 2017: **Implementing MARPOL in the Caribbean Workshop**, sponsored by The Women's International Shipping and Trading Association (WISTA) Cayman Islands and NAMEPA, Keith Donohue attended and presented to over fifty (50) attendees on RAC/REMPEITC-Caribe's MARPOL activities over the last 21 years, as well as planned activities for 2017/2018.
- May 8-10 2017: **16th Caribbean Shipping Executives Conference**, sponsored by the Caribbean Shipping Association in Willemstad, Curacao. Keith Donohue presented to an audience of more than one hundred (100) maritime professions on topics related oil to maritime threats to the Caribbean and recent activities aimed at building capacity for the 28 countries and 10 territories surrounding the WCR.
- May 11, 2017: **Colombian Navy Oil Spill Response and Simulation Exercise,** held at the Colombia Naval Base in **Cartagena**, and attended by twenty five (25) Navy and General Maritime Authority

(DIMAR) personnel, Keith Donohue presented topics on international, regional and national oil spill response structures, agreements, arrangements and contingency plans during a daylong workshop within the course.

- May 15-19, 2017: **International Oil Spill Conference 2017**, Long Beach, CA. RAC/REMPEITC-Caribe identified, nominated and helped facilitate attendance of six (6) WCR maritime officials, as scholarship recipients, from: Jamaica, Trinidad and Tobago, Grenada, Guyana, Belize and Mexico. Keith Donohue also presented to over thirty (30) attendees during the International Session on a co-authored paper, titled: "***A True Roadmap for Response Preparedness Capacity Building in Developing States***."
- Oct 18, 2017: **National Ballast Water Management Task Force Meeting,** Bogota Colombia. Keith Donohue attended as a representative of IMO and the request and partial funding of Colombia's DIMAR. He presented on the status of the BWM Convention, latest developments in the Caribbean, and the outcome of the Regional BWM Task Force Meeting that was held in Panama City Panama in June 2017.
- Oct 26, 2017: ***NAMEPA's 10th Anniversary, Annual Conference and Awards Dinner*** *October 26, 2017 "Back to the Future of Maritime: 2007 -2017 -2027", Aboard the Hornblower Infinity Pier 40, New York, NY. CDR Donohue attended as* ***RAC/REMPEITC-Caribe was selected as a co-recipient of a 2017 NAMEPA Marine Environment Protection Award in recognition of efforts to "Save our Seas"***
- Dec 1, 2017: **First MARE Forum Curacao 2017,** held in Willemstad Curacao. Keith Donohue spoke on the Wider Caribbean Marine Environment at the forum whose international and local audience, included Principals Ship-owners, Ship-managers, Charterers, Traders, Port and Terminals Directors, Capital providers, Energy Executives, Regulators, Yacht owners, Yacht managers, Lawyers, Consultants, shipyards and repair managers, Cruise ships Managers, Press, and shipping and yachting services providers.
- Dec 5-8, 2017: **Clean Gulf Conference 2017.** Keith Donohue attended and presented to an audience of 30+ persons on "Offshore Oil Spill Contingency Planning and Preparedness Efforts for the Wider Caribbean Region" during the Latin America and Caribbean Efforts, and Lessons Learned Session.
- Jan 5-6, 2018: **Port Management Association of the Caribbean (PMAC),** *Port Management Workshop*, held in Panama City, Panama. This was PMAC's very first workshop, Keith Donohue presented **on Incident Management Systems** at this event that was focused on building a quick-response regional disaster assistance and relief network, given the tragedy left in the wake of the 2017 hurricane season. In addition, new and affordable satellite-based technologies and systems for protecting the environment and ecological balance in ports and harbours will also be presented. The workshop included representatives from several Caribbean ports (including Puerto Rico, Saint Martin, Dominica, Curacao, as well as CARICOM, OAS, Caribbean Maritime University, (CMU), Regional Logistics Centre for Humanitarian Assistance (CLRAH), Caribbean Disaster Emergency Management Agency (CDEMA), The Netherlands Coast Guard, Caribbean Shipping Association, T&T Salvage; Oils Spill Response Limited (OSRL), tourism and cruise ship industry representatives, and many others.
- Mar 1, 18: **Florida Straits Conference**, Model for U.S. – Cuba Cooperation. The goal of the Conference was to promote dialogue among stakeholders (academic, scientific research, industry and government) in sustaining the environmental quality of the territorial and shared international seas of the Gulf of Mexico and particularly the Florida Straits. Halmos College of Natural Sciences and Oceanography, Fort Lauderdale, FL
- May 3, 2018: **Sargassum and Oil Spills Monitoring Pilot Project for the Caribbean and Adjacent Regions Workshop**, Virtual Presentation (Mexico City, Mexico). IOCARIBE of IOC UNESCO, its GOOS Regional Alliance IOCARIBE-GOOS, GEO Blue Planet, UNDP Barbados and the OECS are developing a monitoring pilot project for sargassum and oil spills for the Caribbean and adjacent

regions. The project will stress end-to-end system development directed at providing observation- and model-based products developed by and for local practitioners and decision-makers. The workshop introduced the project goals, engaged collaborators in project activities, developed an organizational structure and implementation plan, and considered how to sustain this and additional regional Ocean Observing projects. The Ministry of Education of Mexico (Subsecretaria de Educacion Media Superior) and Mexico National Council of Sciences hosted the workshop, supported by financial contributions from IOCARIBE of IOC UNESCO, the Government of Mexico, the Government of Flanders and NOAA.

Major Projects and Other Initiatives:

RAC/REMPEITC-Caribe's Ballast Water Management (BWM) Involvement: RAC/REMPEITC-Caribe assisted, through IMO's GloBallast Program, in securing contractor support that enabled Panama, The Bahamas, Jamaica, Trinidad and Tobago, St. Lucia and Dominica to completing: National Legal Assessments, National Water Status Assessments, National Economic Assessments, National BWM Strategies, and GloBallast National Specialized Training Course (Pilot Training). Subsequently, Panama and The Bahamas ratified the International BWM Convention in 2017.

Southern Caribbean Oiling Event. On May 26, 2017, oil in the form of tar balls and oil patties began washing ashore on the northern coasts of Aruba, Bonaire, and Curacao. Previously oil was also washing ashore on the coasts and offshore islands of northern Venezuela following the discharge of oil from a 150,000 bbl storage tank that occurred in Trinidad on April 23rd. As Secretariat and coordinator of the Caribbean Island OPRC Plan, RAC/REMPEITC-Caribe: initiated and facilitated a daily regional teleconference among designated officials of the five impacted states (Aruba, Bonaire, Curacao, Venezuela, Trinidad and Tobago); assisted with developing and implementing national protocols for the safe assessment and cleanup of the oil; communicated assistance requests; coordinated and facilitated the adoption of mutually agreed upon sampling protocols; and brokered the exchange of oil samples between the five States for oil spill fingerprinting and toxicity analysis.

Feasibility study on the Development of a Regional Reception Facilities Plan (RRFP) for the Small Island Developing States (SIDS) of the Wider Caribbean Region (WCR). Funded by The Government of Norway through IMO following a proposal submitted by Keith Donohue and requests made by WCR maritime authorities, the objective of this project is to undertake a feasibility study on the development of a regional reception facilities plan for the small island developing States of the WCR. The project includes: an assessment of, and site visits to, the port of 16 U.N. -Member Caribbean SIDS; and identification of possible measures to address the inadequacy of port reception facilities throughout the region. The expected outcomes of this study will complement other strategies for improving management of ship generated wastes and cargo residues within the WCR, and contribute to efforts which improve the ability of WCR States to effectively fulfill their obligations under MARPOL, or to accede to it where a State is not already a Party. The premise and proposal for this project was presented by Keith Donohue, and supported by senior maritime Government representatives, at the *Regional IMO Workshop for Senior Maritime Administrators held in Bridgetown, Barbados from 7-8 Feb 2017*; as well as the *Seventeenth Intergovernmental Meeting on the Action Plan for the Caribbean Environment Programme and Fourteenth Meeting of the Contracting Parties to the Convention for the Protection and Development of the Marine Environment of the Wider Caribbean Region that was held in Cayenne, French Guiana, on Mar15-17, 2017.*

- Demand Assessment: RAC/REMPEITC attained updated shipping data from Lloyds and conducted a detailed analysis of international and domestic shipping routes, vessel types, and possible demands for port reception facilities in the WCR. In addition to use for this project, RAC/REMPEITC-Caribe makes

shipping data available to the government entities of the WCR in their pursuit of implementing the Cartagena Convention.

- From June to December 2017, Keith Donohue conducted port visit and facilitated 15 stakeholder workshops in 14 Caribbean Countries
  1. June 19th: Keith Donohue conducted a stakeholder meeting in **Suriname** with representatives from the Maritieme Autoriteit Suriname; Suriname National Instituut Milieu Ontwikkeling Suriname and the Ministry of Public Works. During the meeting, CDR Donohue discussed IMO's Port *Reception Facility – How To Do It* guidebook using modified questions contained in the book. Port visits were also conducted at the Nieuwe Hwen Terminal and DeMolen facilities in Paramaribo, whereby modified questions from IMO's MEPC.83(44), *Guidelines for Ensuring the Adequacy of Port Waste Reception Facilities*,were discussed.
  2. On June 21st, Keith Donohue conducted meetings in **Trinidad and Tobago** with representatives of the Maritime Services Division, Ministry of Works and Transport, visited the Port Authority of the Port of Spain and the Port Lisas Industrial Port Development Corporation LTD. The Port *Reception Facility – How To Do It* guidebook was also with the Maritime Administrator for Pollution Prevention.
  3. July 13th: Keith Donohue attended a MARPOL stakeholder meeting organized, facilitated and conducted by the Jamaican Maritime Authority in **Kingstown, Jamaica**. The meeting was attended by over twenty five (25) commercial and government representatives, and following CDR Donohue facilitated additional discussion.
  4. July 17, 2017: Keith Donohue conducted port visit **in Nassau, The Bahamas**, met with port officials and conducted a stakeholders a meeting with (3) government and commercial representatives of The Bahamas Port Authority using The Port *Reception Facility – How To Do It* guidebook to stimulate discussion and deliver capacity building.
  5. July 18, 2017: Keith Donohue conducted port visits, me with port officials and conducted a stakeholders a meeting with ten (10) government and commercial representatives in **Freeport, Bahamas** using The Port *Reception Facility – How To Do It* guidebook to stimulate discussion and deliver capacity building. Keith Donohue visited port facilities of Prince Georges Wharf, Port of Freeport, and Buckeye Bahamas Hub Terminal.
  6. July 28th: Keith Donohue and Zakaria Benbia conducted a stakeholder meeting in **Basseterre, St. Kitts** with ten (10) commercial and government representatives; and again used The Port *Reception Facility – How To Do It* guidebook to stimulate discussion and deliver capacity building. Additionally, they met with the Minister of Transportation and conducted port visits with Saint Kitts Air and Sea Port Authority, and Port Zante.
  7. July 31st – Aug 1st: Keith Donohue and Zakaria Benbia conducted a stakeholder meeting in **Santo Domingo, Dominican Republic,** with twenty five (25) government and commercial MARPOL stakeholders and used The Port *Reception Facility – How To Do It* guidebook to stimulate discussion and deliver capacity building. Meetings were also conducted with the Deputy Minister of Environment and senior port officials in the Port of Haine.
  8. Aug 3rd: Keith Donohue and Zakaria Benbia conducted meetings in **Port Au Prince, Haiti** with the Maritime Director, Port Director, and fifteen (15) other government and commercial stakeholders to discuss procedures for the reception of Ship Generated Waste, and discuss possible pathways for Haiti to consider acceding to the MARPOL Convention.
  9. Aug 23, 2017: Keith Donohue conducted a port visit in **Saint Vincent**, and facilitated a national port reception stakeholders workshop with ten (7) commercial and government officials of Saint Vincent and the Grenadines representing St. Vincent Maritime Administration; St. Vincent Port Authority; Central Water and Sewage Authority; Ministry of Health; private port reception service providers; and Shipping agents using The Port *Reception Facility – How To Do It* guidebook to stimulate discussion and deliver capacity building.

10. Aug 25, 2017: Keith Donohue conducted port visits in **Saint Lucia** and facilitated a national port reception stakeholders workshop with ten (15) commercial and government officials of Saint Lucia representing: SLASPA/Maritime affairs; NEMO; Ship Chandlers; Saint Lucia Ministry of Health; private port reception service providers; and Shipping agents using The Port *Reception Facility – How To Do It* guidebook to stimulate discussion and deliver capacity building and collect necessary information for the project.
11. Aug 28, 2017: Keith Donohue conducted a port visit in Bridgetown **Barbados**, and facilitated a national port reception stakeholders workshop with ten (8) government Barbados officials representing the Barbados Maritime Affairs; Ministry of Health; Environmental Protection Department; Port Authority and the Barbados Solid Waste Disposal Authorities using The Port *Reception Facility – How To Do It* guidebook to stimulate discussion and deliver capacity building.
12. Aug 29, 2017: Keith Donohue conducted port visits in **Antigua** and facilitated a national port reception stakeholders workshop with ten (10) commercial and government officials of Antigua and Barbuda representing the Department of Marine Services and Merchant Shipping (ADOMS), *Central Board of Health (CBH); National Solid Waste Management Authority; Antigua Port Authority; Ship Agents; and Private Contracted Waste Haulers* using The Port *Reception Facility – How To Do It* guidebook to stimulate discussion and deliver capacity building and collect necessary information for the project.
13. Sept 7, 2017: Keith Donohue conducted port visits in **Guyana** and facilitated a national port reception stakeholders workshop with ten (27) commercial and government officials of Guyana representing the Maritime Administration; Coast Guard; Ministry of Public Works; Port*; Shipping Agent and commercial waste reception facilities* using The Port *Reception Facility – How To Do It* guidebook to stimulate discussion and deliver capacity building and collect necessary information for the project.
14. Nov 28-29, 2017: Keith Donohue conducted port visits in Belize City, Big Creek and Harvest Caye, **Belize**, and facilitated a national port reception stakeholders workshop with ten (20) commercial and government officials of Belize representing Belize Port Authority (BPA); Belize Solid Waste Management Authority (BSWaMA); IMMARBE; Belize Department of the Environment (DOE); Belize Waste Control Limited; Ministry of Health (MOH); Local Municipal Authorities; Belize Agricultural and Health Authority (BAHA); and Commercial ship agents using *The Port Reception Facility – How To Do* It guidebook to stimulate discussion and deliver capacity building and collect necessary information for the project.
15. Dec 12-13, 2017: Keith Donohue conducted port visits in **Grenada** and facilitated a national port reception stakeholders workshop with ten (9) commercial and government officials of Grenada representing Grenada Port Authority; Grenada Solid Waste Management Authority; Ministry of Environment, Ministry of Health; and commercial shipping agents using *The Port Reception Facility – How To Do* It guidebook to stimulate discussion and deliver capacity building and collect necessary information for the project.