

## 9000 Appendices

### 9100 Emergency Notifications

The purpose of an Emergency Notification List is to centralize information about agencies, groups, trustees, organizations, and points of contact that play a role in environmental response. This appendix serves as a job aid for any person seeing and/or receiving first notification of an oil spill, hazardous material release, marine fire, vessel salvage, and/or Weapons of Mass Destruction event (detonation). All federal, state, and local agencies are hereby reminded that “cross notification” is highly desired as a redundant means of ensuring the entire response community is activated.

### 9110 Required Emergency Notifications

Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			National Response Center	Toll Free: (800) 424-8802 Toll Call: (202) 267-2675
↑			USCG Sector San Juan Command Center (for Coastal Zone)	(787) 289-2041
			Environmental Protection Agency Region II Response Center (PR/USVI) (for Inland Zone)	Hotline: (877) 251-4575 Mr. Angel Rodriguez (FOSC): (787) 671-8093 Mr. Geoffrey Garrison (FOSC): (787) 671-8181
↑			Puerto Rico Environmental Quality Board (for incidents occurring in PR's jurisdiction)	Main Office: (787) 767-8181 State OSC (A. Rosario): (787) 403-6429
			Puerto Rico Emergency Management Agency (for incidents involving risk to public health and safety)	Office: (787) 724-0124 Cell: (787) 939-6143
↑			USVI Department of Planning and Natural Resources (for incidents occurring in USVI's jurisdiction)	St. Thomas/ St. John: (340) 774-3320 x 5156 St. Croix: (340) 773-1082

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Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			Municipal Fire Department Hazardous Materials Response ( <i>above the RQ</i> )	911

## 9120 Federal On-Scene Coordinator's Notifications

### Oil, Hazardous Substance, and Maritime Firefighting Incidents:

Verification that caller has made Required Emergency Notification				
Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			National Response Center	Toll Free: (800) 424-8802 Toll Call: (202) 267-2675
↑			USCG Sector San Juan Command Center	(787) 289-2041
			Environmental Protection Agency Region II Response Center (PR/USVI)	Hotline: (877) 251-4575 Mr. Angel Rodriguez (FOSC): (787) 671-8093 Mr. Geoffrey Garrison (FOSC): (787) 671-8181
↑			Puerto Rico Environmental Quality Board ( <i>for incidents occurring in PR's jurisdiction</i> )	Main Office: (787) 767-8181 State OSC (A. Rosario): (787) 403-6429
			Puerto Rico Emergency Management Agency ( <i>for incidents involving risk to public health and safety</i> )	Office: (787) 724-0124 Cell: (787) 939-6143
			Virgin Islands Territorial Emergency Management Agency EOC ( <i>for incidents involving risk to public health and safety</i> )	St. Thomas/ St. John: (340) 774-2244 St. Croix: (340) 773-2244
↑			Municipal Fire Department HAZMAT Response ( <i>above the RQ</i> )	911

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Notifications to Coast Guard Commands				
Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			USCG District 7 Command Center	(305) 415-6800
↑			National Strike Force Atlantic Strike Team	Front Desk: (609) 724-0008 OOD's Cell Phone: (850) 301-5200
↑			National Strike Force Coordination Center Public Information Assist Team	Front Desk: (252) 331-6000 x3025 OOD's Cell Phone: (252) 267-4732

Notifications to Resource Trustees & Federal Agencies				
Completed	Date/Time	Initials	Entity Notified	Point of Contact
			US Department of the Interior (DOI)*: Joyce A. Stanley, MPA Regional Environmental Protection Specialist Office of Environmental Policy and Compliance	Office (404) 331-4524 Fax (404) 331-1736 Mobile (404) 852-5414 <a href="mailto:joyce_stanley@ios.doi.gov">joyce_stanley@ios.doi.gov</a>
↑			US Department of Commerce/National Oceanic and Atmospheric Administration Scientific Support Coordinator: Mr. Brad Benggio (oil discharge: potential/actual discharge $\geq$ 1,000 gallons; hazmat release: potential/actual $\geq$ 500 gallons)	Office: (305) 530-7931 Cell: (206) 849-9923
↑			Environmental Protection Agency Region II Response Center (PR/USVI)	Hotline: (877) 251-4575 Mr. Angel Rodriguez (FOSC): (787) 671-8093 Mr. Geoffrey Garrison (FOSC): (787) 671-8181

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\* Notify the US Department of the Interior for the following discharges:

- a) Equal or exceed 5K gallons in Atlantic/Caribbean/Coastal Waters and 1K gallon spill involving inland waters (rivers and lakes and ICW) 33 CFR Section 2.05-20, Navigable Waters.
- b) Discharges that affect Department administered facilities, such as National Parks, National Wildlife Refuge system.
- c) Discharges that have impacted or threaten populations of federally listed species or designated critical habitats protected under the Endangered Species Act.
- d) Discharges that have impacted or threatened Historical Properties protected under National Historic Preservation Act.
- e) Discharges that have resulted in fish kills or have impacted migratory birds.

**Radiological Incidents:**

<b>Level I (Passive Detection)</b>				
<b>Completed</b>	<b>Date/Time</b>	<b>Initials</b>	<b>Entity Notified</b>	<b>Point of Contact</b>
↑			National Response Center	Toll Free: (800) 424-8802 Toll Call: (202) 267-2675
↑			USCG Sector San Juan Command Center	(787) 289-2041
↑			Puerto Rico Emergency Management Agency (for incidents involving risk to public health and safety)	Office: (787) 724-0124 Cell: (787) 939-6143
↑			Virgin Islands Territorial Emergency Management Agency EOC (for incidents involving risk to public health and safety)	St. Thomas/ St. John: (340) 774-2244 St. Croix: (340) 773-2244
↑			Municipal Fire Department Hazardous Materials Response (above the RQ)	911
			US Customs and Border Protection: Anti-Terrorist Contraband Enforcement Team for the Seaport Team Lead: Jose Ralat	(787) 277-7555
<b>Level II (Radiation source is illegitimate, unknown, or exceeds the safe exposure limits for a Level I Team)</b>				
<b>Completed</b>	<b>Date/Time</b>	<b>Initials</b>	<b>Entity Notified</b>	<b>Point of Contact</b>
			National Strike Force Atlantic Strike Team	Front Desk: (609) 724-0008 OOD's Cell Phone: (850) 301-5200

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			US Customs and Border Protection: <i>Laboratory Scientific Support</i> <i>(located in San Juan and services PR and USVI)</i>	(787) 729-6991/6968
			(Weapons of Mass Destruction) Civil Support Team	22 <sup>nd</sup> CST (PR) Joint Operations Center: (787) 723-7711 23 <sup>rd</sup> CST (USVI): (340) 712-7946
			US Department of Energy: Radiological Assistance Program (RAP) Team <i>(to request assistance if the Level II Team cannot identify the source as legitimate; notify NRC if RAP support requested)</i>	(865) 576-1005 or (865) 525-7885

**Biological Incidents:**

Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			National Response Center	Toll Free: (800) 424-8802 Toll Call: (202) 267-2675
↑			USCG Sector San Juan Command Center	(787) 289-2041
↑			Puerto Rico Emergency Management Agency <i>(for incidents involving risk to public health and safety)</i>	Office: (787) 724-0124 Cell: (787) 939-6143
↑			Virgin Islands Territorial Emergency Management Agency EOC <i>(for incidents involving risk to public health and safety)</i>	St. Thomas/ St. John: (340) 774-2244 St. Croix: (340) 773-2244
↑			Municipal Fire Department Hazardous Materials Response	911

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Completed	Date/Time	Initials	Entity Notified	Point of Contact
			US Customs and Border Protection: <i>Anti-Terrorist Contraband Enforcement Team for the Seaport Team Lead: Jose Ralat</i>	(787) 277-7555
			Audilis Sánchez, MPH, MHSA Center for Disease Control and Prevention: <i>(San Juan Quarantine Station; services PR and USVI)</i>	(787) 253-7880 Fax: 787-253-4671
			(Weapons of Mass Destruction) Civil Support Team	22 <sup>nd</sup> CST (PR) Joint Operations Center: (787) 723-7711 23 <sup>rd</sup> CST (USVI): (340) 712-7946

## 9130 Recommended Spill Report Form

This form has been developed to assist agencies and reporting parties in gathering, reporting, and documenting the information most commonly needed in emergency reports. The use of this form is not mandatory; all entities are free to use whatever report/data capture form they find most useful.

Initial Assessment Questions	Information
Date and Time of Call	
Caller Name	
Caller Address	
Caller Phone Number	
Name of Person taking the Report	
Name of Potential Responsible Party	
Name of vessel/facility, railcar/truck number or other identifying information.	
Type and size of vessel/facility	
Total quantity of fuel/chemical onboard or in tank	

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Initial Assessment Questions	Information
Nationality (vessel only)	
Location of incident (i.e., street address, lat/long, mile post)	
Date and time of incident (or when discovered)	
Description of spill (i.e., size, color, smell, etc.)	
Type of incident (i.e., explosion, collision, tank failure, grounding, etc.)	
Material spilled	
Is the source secured / source of material spilled	
Estimated amount spilled	
Total potential quantity that could be spilled (i.e., total quantity in tank or on board)	
Environmental media impacted or potentially impacted by spill (i.e., air, water, ground/soil)	
Weather/sea conditions	
Point of contact (i.e., Responsible Party name, phone number, and address)	
Vessel/facility agent(s) (i.e., name and phone number)	
Name and contact information of insurance carrier	
Number and type of injuries or fatalities	
Description of who is on-scene and what response activities are being conducted or have been completed	
Have evacuations occurred?	
Agencies notified	

## 9200 Personnel and Services Directory

### 9210 Federal Agency Points of Contact

Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			Environmental Protection Agency Region II Response Center (PR/USVI)	Hotline: (877) 251-4575 Mr. Angel Rodriguez (FOSC): (787) 671-8093 Mr. Geoffrey Garrison (FOSC): (787) 671-8181
↑			Center for Disease Control (for medical waste)	(404) 639-3311
↑			USCG Sector San Juan Command Center	(787) 289-2041
↑			US Department of the Interior (DOI)*: Joyce Stanley	(404) 331-4524 - Office (404) 331-1736 - Fax (404) 852-5414 - Mobile <a href="mailto:joyce_stanley@ios.doi.gov">joyce_stanley@ios.doi.gov</a>
↑			US Department of Commerce/National Oceanic and Atmospheric Administration Scientific Support Coordinator: Mr. Brad Benggio (oil discharge: potential/actual discharge $\geq 1,000$ gallons; hazmat release: potential/actual $\geq 500$ gallons)	Office: (305) 530-7931 Cell: (206) 849-9923
↑			US Fish and Wildlife Service	PR: (787) 851-7297 – Office (787) 510-5208 – Cell POC Vieques (787)741-2138 – Office Culebra (787)742-0115 – Office USVI (340) 773-4554



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Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			US Customs and Border Protection: <i>Anti-Terrorist Contraband Enforcement Team for the Seaport Team Lead: Jose Ralat</i>	(787) 277-7555
↑			Federal Emergency Management Agency	(787) 296-3500
			US Navy Supervisor of Salvage and Diving: <i>2531 Jeff Davis Hwy. Arlington, VA 22202</i>	(703) 607-2753 (202) 781-3889
			USCG Salvage Engineering Response Team (SERT)	(202) 327-3985 <a href="mailto:SERT.Duty@uscg.mil">SERT.Duty@uscg.mil</a>
			National Pollution Fund Center Regional Case Manager	(202) 493-67223
			National Pollution Fund Center Duty Officer	(800) 759-7243 Pin 2073906

## 9220 State Agency Points of Contact

Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			Puerto Rico Environmental Quality Board <i>(for incidents occurring in PR's jurisdiction)</i>	Main Office: (787) 767-8181 State OSC (A. Rosario): (787) 403-6429
↑			USVI Department of Planning and Natural Resources <i>(for incidents occurring in USVI's jurisdiction)</i>	St. Thomas/ St. John: (340) 774-3320 x 5156 St. Croix: (340) 773-1082
↑			Virgin Islands Territorial Emergency Management Agency EOC <i>(for incidents involving risk to public health and safety)</i>	St. Thomas/ St. John: (340) 774-2244 St. Croix: (340) 773-2244

## 9230 Local Agency Points of Contact

Completed	Date/Time	Initials	Entity Notified	Point of Contact
<input type="checkbox"/>			Aviles, David National Response Corporation (NRC) PO Box 9022750 San Juan, PR 00902	787-789-2000 <a href="mailto:daviles@nrcc.com">daviles@nrcc.com</a>
<input type="checkbox"/>			Ayala, Jose E. FEMA PO Box 70105 San Juan, PR 00936	787-296-3523 <a href="mailto:jose.ayala3@fema.dhs.gov">jose.ayala3@fema.dhs.gov</a>
<input type="checkbox"/>			Banchs, Ermelindo EcoElectrica, L.P. 641 Road 337, Firm Delivery Penuelas, PR 00624	787-487-6033 <a href="mailto:Ermelindo.banchs@ecoelectrica.com">Ermelindo.banchs@ecoelectrica.com</a>
<input type="checkbox"/>			Bonefont, Alex PR Ports Authority Calle Lindbergh #64 Antigua Base Naval Miramar San Juan, PR 00907	787-514-5580 <a href="mailto:abonefont@prpa.pr.gov">abonefont@prpa.pr.gov</a>
<input type="checkbox"/>			Carrubba, Lisamarie NOAA Fisheries Protected Resources Division Caribbean Field Office PO Box 1310 Boquerón, PR 00622	787-851-3700 787-851-5588 (fax) <a href="mailto:lisamarie.carrubba@noaa.gov">lisamarie.carrubba@noaa.gov</a>
			Figueira, Merlin IPOS US Virgin Islands	340-244-5070 <a href="mailto:mef@vti.com">mef@vti.com</a>
			Francisco Rodriguez, Jose All Environmental Services, Inc. 12 Betances St. Cares, PR 00669	787-529-3007 1-320-205-1878 (efax) <a href="mailto:allenv.pr@gmail.com">allenv.pr@gmail.com</a>

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			Gonzalez, Marie DHS/FEMA PO Box 70105 San Juan, PR 00936	787-296-3500 787-296-3542 (fax) <a href="mailto:marie.gonzalez@fema.dhs.gov">marie.gonzalez@fema.dhs.gov</a>
			Griffin, Sean NOAA Aguadilla, PR	787-667-7750 <a href="mailto:Sean.Griffin@noaa.gov">Sean.Griffin@noaa.gov</a>
			Hodge, Coury VI Water & Power Authority PO Box 1450 St. Thomas, VI 00804-1450	340-643-6867 <a href="mailto:coury.hodge@viwapa.vi">coury.hodge@viwapa.vi</a>
			Ibanez, COL Jimmy DCE, Region 2 Turquesa St., #G-133 Golden Gate Guaynabo, PR 00968	804-873-8035 <a href="mailto:Jimmy.Ibanez.mil@mail.mil">Jimmy.Ibanez.mil@mail.mil</a>
			Jeffrey, Cecil Alex BVI Dept of Disaster Management #3 Wailing Road  McNamara, Tortola, VG 1110 British Virgin Islands	284-468-4200 <a href="mailto:cecil.jeffrey@gov.vg">cecil.jeffrey@gov.vg</a>
			Lilyestrom, Craig Puerto Rico DNER PO Box 366147 San Juan, PR 00936-6147	787-772-2022 <a href="mailto:craig.lilyestrom@drna.gobierno.pr">craig.lilyestrom@drna.gobierno.pr</a> <a href="mailto:craig@caribe.net">craig@caribe.net</a>
			Martinez, Jorge US DOT/FMCSA 350 Chardon Street, Suite 207 San Juan, PR 00918	787-766-5050 <a href="mailto:Jorge.Martinez@dot.gov">Jorge.Martinez@dot.gov</a>
			Martinez, Yolanda PR EQB	787-767-8181 <a href="mailto:yolandamartinez@jca.gobierno.pr">yolandamartinez@jca.gobierno.pr</a>
			Melendez Maiz, Marisol J. FEMA Region 2 CAD PO Box 70105 San Juan, PR 00936	787-296-3500 <a href="mailto:Marisol.melendezmaiz@fema.dhs.gov">Marisol.melendezmaiz@fema.dhs.gov</a>
			O'Neill, Alfonso	787-729-7790

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			US Army Corps of Engineers 400 Fernandez Juncos Ave San Juan PR 00901-3299	787-729-6639 (fax) <a href="mailto:alfonso.oneill@usace.army.mil">alfonso.oneill@usace.army.mil</a>
			Ortiz, Carlos OSHA Triple S Plaza Building, Suite 5B 1510 FD Roosevelt Ave Guaynabo, PR 00968	787-277-1560 <a href="mailto:ortiz.carlos.i@dol.gov">ortiz.carlos.i@dol.gov</a>
			Pagan, Luis A. SEPLO, USVI NCO 79 Calle Begonia Ojo De Agua Vega Baja, PR 00693	787-244-7034 <a href="mailto:luis.a.pagan.mil@mail.mil">luis.a.pagan.mil@mail.mil</a>
			Padro, Eusabio A. PR Ports Authority PO Box 362829 San Juan, PR 00936-2829	787-514-5580 <a href="mailto:eapadro@prpa.pr.gov">eapadro@prpa.pr.gov</a>
			Pizarro, MAJ Dennise DCE, Region 2 W6-11 Tirso de Molina Urb. Hucares San Juan, PR 00926	254-768-4591 <a href="mailto:dennise.m.pizarro.mil@mail.mil">dennise.m.pizarro.mil@mail.mil</a>
			Resto, Wilfredo MSRC PMB 391 90 Ave, Bayamon, PR	787-641-5369/787-399-0567 <a href="mailto:resto@msrc.org">resto@msrc.org</a>
			Rodriguez, Angel USEPA-CEPD Centro Europa Bldg, Suite 417 1492 Ponce De Leon Ave. Santurce, PR 00907 4127	787-977-5830 787-671-8093 (cell) 787-289-7104 (fax) <a href="mailto:rodriguez.angel@epa.gov">rodriguez.angel@epa.gov</a>
			Rodriguez, Luis PR EQB 828 Hostos Ave, Suite 201 Mayaguez, PR 00682	787-833-4680 787-221-5103 <a href="mailto:luisrodriguez@jca.gobierno.pr">luisrodriguez@jca.gobierno.pr</a>

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			Torres, Ismael USCG Sector San Juan Security Specialist, Port Recovery 5 Calle La Puntilla San Juan, PR 00901	787-729-4314 787-379-0852 <a href="mailto:ismael.torres@uscg.mil">ismael.torres@uscg.mil</a>
			Vazquez, Jose Velazquez, Luis VMG Corp Spill Containment Ext. El Comandante, 607 Montenegro St. Carolina, PR 00982	787-632-8164 <a href="mailto:VMGCPR@gmail.com">VMGCPR@gmail.com</a> 787-590-5539
			Wieland, Darrel USCD7, CRRT Coordinator 909 SE 1st Ave Miami, FL 33131-3050	305-415-6699 <a href="mailto:Darrel.D.Wieland2@uscg.mil">Darrel.D.Wieland2@uscg.mil</a>
			Willis, Forest USCG-D7, CRRT Co-Chair 909 SE 1st Ave Miami, FL 33131-3050	305-415-6676 <a href="mailto:Forest.A.Willis@uscg.mil">Forest.A.Willis@uscg.mil</a>

## 9240 Additional Resources/OSROs

OSROs: [See also Section 5210.1](#)

Completed	Date/Time	Initials	Entity Notified	Point of Contact
			<b>Caribbean Enviromarine Services, Inc.</b>	<b>Jaime Di Cristina (787) 717-5937 Stehpanie Lebron (787) 466-7511 (787) 236-3731</b>
			<b>Clean Harbors Environmental Services</b>	<b>1-800-645-8265 (24hr) 787-641-5393 787-475-9574</b>
<input type="checkbox"/>			<b>Indutech Environmental Services P. O. Box 70168-8168 San Juan, PR 00936- 8168</b>	<b>POC: Edgardo Tormos 787-743-6870 787-501-4014 <a href="mailto:etormos@indutechpr.com">etormos@indutechpr.com</a></b>

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			<b>Marine Spill Response Corporation (MSRC)</b>	<b>POC: Wilfredo Resto</b> <b>(787) 641-5369</b> <b>(787) 399-0567</b> <a href="mailto:resto@msrc.org">resto@msrc.org</a>
			<b>NRC</b> <b>P.O. Box 9022750</b> <b>San Juan, PR 00902</b>	<b>POC: David Aviles</b> <b>787-396-5231</b> <b>787-789-2000</b> <a href="mailto:daviles@nrcc.com">daviles@nrcc.com</a>

**Salvage Companies:**

<b>Completed</b>	<b>Date/Time</b>	<b>Initials</b>	<b>Entity Notified</b>	<b>Point of Contact</b>
			Logan Diving & Salvage <i>64 Barbosa La Puntilla Cataño, PR</i>	Caribbean Operations (787) 788-0295
↑			Gabriel Fuentes Jr. Construction <i>(have barges with cranes)</i>	Office: 787-785-9065 Jorge Fuentes: 787-553-3070 Jorge Fuentes Jr.: 787-612-6657 Email: <a href="mailto:bonar@fuentespile.com">bonar@fuentespile.com</a>
↑			Del Valle Group <i>(have barges with cranes)</i>	Office: 787-794-0927 Pablo Del Valle (President): 787-505-6100 <a href="mailto:dvgroup@htcn.com">dvgroup@htcn.com</a>
↑			Donjon Marine Co., Inc.: <i>1250 Liberty Ave. Hillside, NJ 07205</i>	(908) 964-8812
↑			Carlos Jove Pratts & Carlos Jove Roman <i>(salvage equipment)</i>	Phone: 787-880-1714 Fax: 787-878-8602 Cell: 787-536-5895 <a href="mailto:mdc@marinedivingcontractors.com">mdc@marinedivingcontractors.com</a> <a href="mailto:cjove_mdc@hotmail.com">cjove_mdc@hotmail.com</a> <a href="http://www.marinedivingcontractors.com">www.marinedivingcontractors.com</a>
			Lisa Holland (USACE) (side scan sonar)	Phone: (904) 232-1059 <a href="mailto:Lisa.a.holland@usace.army.mil">Lisa.a.holland@usace.army.mil</a>

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↑			Michael Henderson (NOAA) (scan sonar)	Phone: (727) 824-5396 Fax: (727) 824-5320 <a href="mailto:Michael.henderson@noaa.gov">Michael.henderson@noaa.gov</a>
↑			Alfonso O'Neill (USACE) (scan sonar)	Phone: 787-729-6873 Cell: 787-405-5982 <a href="mailto:alfonso.oneill@usace.army.mil">alfonso.oneill@usace.army.mil</a>
↑			Mr. Ricardo Ferrer (scan sonar)	Phone: 787-649-2882 Fax: 787-957.1707
			Renán López de Azúa RLDA Surveying & Mapping San Juan, Puerto Rico (scan sonar)	Office: 787-268-6097 Fax: 787-963-0824 Cell: 787-525-7796
			Roy A. Armstrong, Ph.D. Bio-optical Oceanography Laboratory University of Puerto Rico Mayaguez, PR 00681-9000 (scan sonar)	(787) 899-2048, x-249 <a href="http://bio-optics.uprm.edu">http://bio-optics.uprm.edu</a> <a href="mailto:roy.armstrong@upr.edu">roy.armstrong@upr.edu</a> <a href="mailto:rarmstrong@whoi.edu">rarmstrong@whoi.edu</a>
			Jose Caballero Independent contractor (scan sonar)	787-370-0030 <a href="mailto:bucanero@prw.net">bucanero@prw.net</a>

**Towing Companies:**

Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			Puerto Rico Towing (PR north coast)	(787) 835-2795
↑			McAllister Towing (PR north coast)	(787) 721-8888
↑			Harbor Fuels (PR north coast)	(787) 723-1182
↑			Vallo Ship Yard (PR North Coast)	

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↑			Sun Transport, Inc. (PR east coast)	(877) 213-5115
↑			South PR Towing (PR south coast)	(787) 835-2795
↑			Puerto Rico Operations (PR south coast)	(787) 771-4452
			Immel's Marine, Inc. (St. Thomas)	(340) 774-3541
			Limetree Bay Terminal (St. Croix)	(340) 692-3000
			Sea Tow (Puerto Rico)	(787) 636-4906
			Sea Tow (USVI)	(340) 777-4869

**Port Authority/Harbormasters/Pilots:**

Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			Puerto Rico Port Authority (All the PR ports are operated by the PR Ports Authority with the exception of the Port of Ponce, which is operated by the municipality of Ponce.) P.O. Box 2829 San Juan, PR 00936	Chief, Operation Maritime Division
↑			Ponce Port Authority	Chief, Operation Maritime Division
↑			USVI Port Authority	St. Thomas: St. Croix:
↑			San Juan Bay Pilots (office located at Frontier Bay in San Juan)	Monitor Channels: VHF 7 and 14
↑			PR Port of Mayaguez Pilots	
↑			PR Port of Las Mareas P.O. Box 215, Playa Sta. Ponce, PR 00734	



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Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			PR Port of Ponce P.O. Box 7768 Ponce, PR 00732	
			PR Port of Mayaguez <i>Apartado 6167</i> <i>Mayaguez, PR 00709</i>	
			Port of Guanica and Mayaguez <i>Calle A-26</i> <i>Urb. Valle Verde</i> <i>Ponce, PR 00731</i>	
			St. Thomas Pilots	Monitor VHF Channel 16
			St. Croix Pilots	Monitor VHF Channel 16
			St. Croix – Limetree Bay Terminals <i>(maintain staff of 6 pilots</i> <i>for vessels)</i>	

**Laboratories:**

Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			Analytical Technologies Road 165 KM. 2.6 Catano, Callo Box 70175 San Juan, PR 00936	
↑			Caribtec Laboratories, Inc. 1121 Andreu Aguilar St. Baldrich, Hato Rey G.P.O Box 2242 San Juan, PR 00936	
↑			Environmental Quality Lab 1397 Feria St., Box 11095 Santurce, PR 00910	
			Laboratorio Quimico Industrial De Puerto Rico 1214 Jesus T. Pineiro Ave G. P. O. Box 4067 San Juan, PR 00936	

PUERTO RICO & U.S. VIRGIN ISLANDS  
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Completed	Date/Time	Initials	Entity Notified	Point of Contact
			Quantum Laboratory, Inc. 774 San Patricio Ave G. P. O. Box 1629 San Juan, PR 00936	
			Sanco Laboratories 318 Q Road 21 URB. Las Lomas, Rio Piedras PO Box 10359 Caparra Station, PR 00922	
			Spectron Caribe, Inc. Pineiro & San Patricio Ave Rio Piedras, PR	
			BIO-QUIM Laboratorio De Control Quimico Bacteriologico Apartado 7722 Ponce, PR 00731	
			Envirolabs Industrial and Environmental Laboratories 67 Concordia St. Sabanetas Industrial Park Ponce, Puerto Rico PO Box 59 Mercedita, PR 00715	
			Safety Kleen Envirosystems Road #2 KM. 51.0 PO Box 1098 Manati, PR 00674	
			Caribbean Bioresearch, Inc. URB. Industrial El Retiro PO Box 325 San German, PR 00753	
			Environmental Support Laboratory Gabriel Hernandez #64 Vega Alta, PR 00762	
			Becton Environmental Laboratory 192 Villa Street PO Box 180 Playa De Ponce Ponce, PR 00734	
			Phasor Engineering, Inc. PO Box 9012 Ponce, PR 00732	

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Completed	Date/Time	Initials	Entity Notified	Point of Contact
			Soil Tech. Corporation AMUR St. Reparto Landrau Hato Rey, PR 00919	
			Law Environmental Caribe 54-56 Bolivia Street Hato Rey, PR 00917	
			Applied Environmental Testing Laboratories 92 Fourth Street Thomas Carrion Maduro Juana Diaz, PR 00665	
			Terra Vac 356 Fortaleza St. Box 1591 San Juan, PR 00903	
			EQ Lab PO Box 11458 Santurce, PR 00910-1458	
			High Technology Lab, Inc PO Box 3964 Guaynabo, PR 00970	

**Fish and Wildlife Response:**

Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			Caribbean Stranding Network Area Coordinator: <i>c/o Isla Mayagues Marine Laboratories University of Puerto Rico, RUM PO Box 908 Lajas, Puerto Rico 00667- 0908</i>	
↑			Culebra Sea Turtle Project <i>PO Box 617 Culebra, PR 00645</i>	
↑			Tri-State Bird Rescue & Research: <i>110 Possum Hollow Rd. Newark, DE 19711</i>	(302) 737-9543

PUERTO RICO & U.S. VIRGIN ISLANDS  
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Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			International Bird Rescue Center <i>Bird Rescue Research Center Aquatic Park Berkley, CA 94710</i>	
↑			Texas Oiled Wildlife Response Program <i>Texas A&amp;M University PO Box 1675 Galveston, TX 77553- 1675</i>	

**Marine Environmental Non-Governmental Organizations:**

Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			Caribbean Stranding Network <i>c/o Department de Ciencias Marinas Universidad de PR Apartado 908, Lajas, PR 00667-0908</i>	
↑			Culebra Leatherback Project <i>PO Box 617 Culebra, PR 00645-0617</i>	
↑			United Community Against Contamination (CUCCO) POC: Mrs. Rosa H. Ramos <i>PO Box 363962 San Juan, PR 00936-3692</i>	
↑			Rudder Committee of Clear Ambient POC: Mr. Frank Coss <i>PO Box 1456 Manati, PR 00674</i>	No Phone
↑			Pro Health & Ambient of Mayaguez POC: Mrs. Julia S. Mignucci <i>C/Aduana Apartado 274 Mayaguez, PR 00680</i>	

PUERTO RICO & U.S. VIRGIN ISLANDS  
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Completed	Date/Time	Initials	Entity Notified	Point of Contact
			Wake-Up Committee of Cidra POC: Mr. Eliezer Colon Rivera <i>PO Box 12</i> <i>Cidra, PR 00739</i>	
			Northside Civic Association <i>Estate Elizabeth 33-4</i> <i>PO Box 11988</i> <i>St. Thomas, USVI 00801</i>	No Phone
			St. Croix Environmental Association <i>PO Box 3839</i> <i>St. Croix, USVI 00820</i>	
			Environmental Association St. Thomas/St. John <i>PO Box 6075</i> <i>St. Thomas, USVI 00804</i>	
			University of Virgin Island, Marine Advisory Services <i>Eastern Caribbean Center</i> <i>St. Thomas, USVI 00802</i> St. John Community Foundations <i>PO Box 8320</i> <i>Cruz Bay, St. John, USVI</i> <i>00830</i>	
			St. Croix Foundation for Community Development <i>PO Box 1128</i> <i>Christiansted, USVI 00821</i>	
			Caribbean Natural Resources Institute <i>1104 Strand St. Suite 208</i> <i>Christiansted, USVI 00820</i>	

PUERTO RICO & U.S. VIRGIN ISLANDS  
AREA CONTINGENCY PLAN

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## Volunteer Organizations

### *St. Thomas/St. John*

COMMUNICATIONS	E
VOLUNTEERS	A, D, E, F
VEHICLES	A, E, F
AIR TRANSPORTATION	E
FIRST AID	A
NURSES	A, C, D
COUSELORS	A, B, C
FOOD	A, C
CLOTHING	A
SOCIAL WORKERS	A
GENERATORS	E
SHELTER	A, C
BUILDING AND REPAIR	A, E

- A) American Red Cross
- B) Bovoni Baptist
- C) Charlotte Amalie High School 340-774-0780
- D) Neighborhood Support Network
- E) The Salvation Army
- F) V.I. Council, Boy Scouts of America

### *Puerto Rico*

COMMUNICATIONS	F, G, L, O
VOLUNTEERS	A, B, C, D, E, F, G, H, I, J, K, L, M, N,
VEHICLES	C, G, K, L
AIR TRANSPORTATION	G, L
FIRST AID	A, B, C, G, I, J
NURSES	A, B, C, G, I
COUSELORS	A, B, C, D, G, H, I, J, M
FOOD	A, C, E, H, K, M
CLOTHING	A, C, H, K, M
SOCIAL WORKERS	B, C, K, M
GENERATORS	D
SHELTER	C
BUILDING AND REPAIR	C, J

- A) Adventist Development Relief
- B) American Association of Retired Persons (AARP)
- C) American Red Cross
- D) Baptists Home Mission Board
- E) Caribbean Food Bank
- F) Christian Ministry Serving Emergency
- G) Civil Air Patrol

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- H) Iglesia Metodista Unida de Puerto Rico
- I) Mennites Disaster Services
- J) The Salvation Army
- K) U.S. Coast Guard
- L) Catholic Social Services
- M) AFLC
- N) REACT

*St. Croix*

COMMUNICATIONS	A, D, E, I
VOLUNTEERS	A, B, C, E, G, H, I, J, K
VEHICLES	A, B, D, E, G, I, J
AIR TRANSPORTATION	C, E
FIRST AID	A, B, C, G, I
NURSES	A, B, F, G, H, I, K
COUSELORS	A, B, C, D, F, G, I, J
FOOD	A, B, G
CLOTHING	A, B, G
SOCIAL WORKERS	A, B, G
GENERATORS	A, I
SHELTER	A, B, D, E, G, H
BUILDING AND REPAIR	A, B, G

- A) ADRA
- B) American Red Cross
- C) Baha I Faith
- D) Catholic Church
- E) Civil Air Patrol
- F) Community United Methodist Church
- G) Interfaith Coalition
- H) Holy Cross Episcopal Church
- I) Lutheran Church
- J) St. Lukes A.M.E. Church
- K) Neighborhood Support Network

## 9250 Political Representatives Directory

**Commonwealth of Puerto Rico:**

Completed	Date/Time	Initials	Entity Notified	Point of Contact
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PUERTO RICO & U.S. VIRGIN ISLANDS  
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Completed	Date/Time	Initials	Entity Notified	Point of Contact
↑			Office of the Governor: <i>Governor Luis G. Fortuno</i> La Fortaleza, San Juan, PR 00901	(787)721-7000 email: webmaster@govpr.org
↑			Congressman Pedro Pierluisi	<b>Washington, D.C.</b> 1218 Longworth HOB Washington, D.C. 20515 Tel: (202) 225-2615 Fax: (202) 225-2154 <b>Puerto Rico</b> Ave. de la Constitución Ant. Edif. Medicina Tropical 2ndo Piso, Puerta de Tierra San Juan, PR 00901 Teléfono: (787) 723-6333 Fax: (787) 729-7738 <b>1 (866) 266-6678</b>

**U. S. Virgin Islands:**

Completed	Date/Time	Initials	Entity Notified	Point of Contact
□			Office of the Governor: <i>Governor John P. deJongh</i>	<b>St. Thomas &amp; Water Island</b> 21-22 Kongens Gade Charlotte Amalie, St. Thomas, VI 00802 Tel: 340-774-0001 Fax: 340-774-1361 <b>St. John</b> The Battery St. John, VI 00830 Tel: 340-776-8484 Fax: 340-776-6992 <b>St. Croix</b> 1105 King Street Christiansted, St. Croix, VI 00820 Tel: 340-773-1404 Fax: 340-713-9806 315 Prince Street Frederiksted, St. Croix, VI 00840 Tel: 340-772-1000



PUERTO RICO & U.S. VIRGIN ISLANDS  
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Completed	Date/Time	Initials	Entity Notified	Point of Contact
<input type="checkbox"/>			Congressman <i>Donna Christensen</i>	<p><b>Washington, D.C.</b> 1510 Longworth HOB Washington, DC 20515 Phone: (202) 225-1790 Fax: (202) 225-5517</p> <p><b>St. John District Office</b> #109 Contant-Enighed Cruz Bay, St. John, VI 00831 Phone: (340)776-1212</p> <p><b>St. Croix District Office</b> #1 Estate Cane, Space #204 and 205 Sunshine Mall Frederiksted, St. Croix, Virgin Islands 00840 Phone: 340-778-5900 Fax: 340-778-5111</p> <p><b>St. Thomas District Office</b> Suite #207, Second Floor - Nisky Business Center St.Thomas, Virgin Islands 00802 Phone: 340-774-4408 Fax: 340-774-8033</p>

## 9300 Incident Action Plans

Detailed information on establishing an IMT and creating an IAP can be found in U.S. [COMDTPUB P3120.17B Incident Management Handbook](#) and the [FEMA Incident Action Planning Guide \(IAP\)](#).

## 9400 Area Planning Documentation

### 9410 Spill and Discharge History

This section discusses the oil and hazardous substance spill history of the area. Spill history data was obtained using references (a) through (f) below. References (g) through (i) were also used to determine risk.

- (a) USCG Marine Information for Safety and Law Enforcement (MISLE) computer database.
- (b) USCG Sector San Juan's pollution incident case files.
- (c) EPA pollution incident records.
- (d) P.R. EQB pollution incident records.
- (e) P.R. DNER pollution incident records.
- (f) U.S.V.I. DPNR pollution incident records.
- (g) Waterborne Trade of Petroleum Products in the Wider Caribbean Region, Report No. CG-W-10-84, dated 1984.
- (h) Survey questions aimed at local oil industry.
- (i) Survey questions aimed at oil industry of neighboring Non-U.S. Island

Below is a summary of the largest oil spills that occurred in the coastal waters of Puerto Rico or the U.S. Virgin Islands:

### 9410.1 List of the Largest Oil Spills in the Coastal Waters of Puerto Rico and the U.S. Virgin Islands

GUANICA BAY (PR) Argea Prima 10,000 Tons Crude Oil July 16, 1962	CEIBA Punta Augustin & Yabucoa (PR) Barge Peck Slip 460,000 Gals Bunker C December 19, 1978
SAN JUAN (PR) S/S Ocean Eagle 1,500,000 Gals Crude March 3, 1968	MONA PASSAGE (PR) M/V A. Regina 6,000 Gals No. 2 Diesel February 15, 1985
ST. CROIX (USVI) T/V Santa Augusta 25,200 Gals No. 6 Fuel Oil 1971	ST. THOMAS (USVI) T/B St. Thomas 3.3 Million Gals Crude Oil February 6, 1986
CABO ROJO, PR M/V Zoe Colocotroni 1.5 Million Gals Crude Oil 1973	NAVAL STATION ROOSEVELT ROADS (PR)(Ensanada Honda) Tank #85 (Cap. 900,000 Gals) 59,000 Gals JP-5 November 27, 1986
GUAYANILLA (PR) M/V Zannis 1,505,910 Gals Crude Oil January 13, 1974	STATES EAST OF U.S. (St. Kitts) T/B Vistabella 566,500 Gals No. 6 Fuel Oil March 22, 1991
ST. CROIX (USVI) M/V Michael C. Lemos 376,000 Gals Crude Oil January 22, 1975	SAN JUAN (PR) Barge BGI Trader 10,000 Gals No. 6 Fuel Oil December 12, 1993

GUAYANILLA BAY (PR) Unknown Vessel 42,000 Gals Venezuelan Crude March 1977	SAN JUAN (PR) T/B Morris J. Berman 800,000 Gals No. 6 Fuel Oil January 7, 1994
NAVAL STATION ROOSEVELT ROADS (PR) Storage Tank 100,000 Gals No. JP5 Jet Fuel October 18, 1999	GUAYANILLA – CABO ROJO T/V Genmar Progress 15000 gallons of heavy fuel throughout 40 miles in the south coast August 30, 2007

## **9410.2 Summary of the Largest Oil Spills in the Coastal Waters of Puerto Rico and the U.S. Virgin Islands**

### **MYSTERY OIL SPILL SOUTHWEST COAST OF PUERTO RICO**

On August 30, 2007, patches of oil washed up on the southwest coast of Puerto Rico from Guayanilla Bay to Cabo Rojo, Bahia Sucia. 15000 gallons of heavy fuel discharge throughout 40 miles of sensitive areas in the south coast of Puerto Rico. Approx 1000 Cubic Yards of oily solid waste and approx 19,000 gals of liquid waste recovered for disposal. Notifications were made to the National Response Center, U.S. Coast Guard, U.S. Fish & Wildlife Service, PR Environmental Quality Board, and PR Department of Natural and Environmental Resources. The U.S. Coast Guard and local environmental agencies established an ICS Unified Command and responded to the incident.

### **NAVAL STATION ROOSEVELT ROADS (AIRFIELD & MANGROVE FIELDS)**

On October 18, 1999, a spill of jet propulsion fuel (JP-5) occurred from the airfield day tank, at Naval Station Roosevelt Roads, Puerto Rico.

U.S. Navy officials estimated 112,000 gallons of JP-5 were spilled. Notifications were made to the National Response Center, U.S. Coast Guard, U.S. Fish & Wildlife Service, PR Environmental Quality Board, and PR Department of Natural and Environmental Resources. The spilled fuel flowed into a ditch south of the airfield and into a nearby environmentally sensitive mangrove area, several thousand gallons made it to Ensenada Honda Harbor, creating a slick upon the surface of the water. The U.S. Navy and U.S. Coast Guard established an ICS Unified Command and responded to the incident.

### **NAVAL STATION ROOSEVELT ROADS (ENSENADA HONDA)**

On November 27, 1986, a spill of jet propulsion fuel (JP-5) was discovered in Ensenada Honda, Naval Station Roosevelt Roads, and Puerto Rico. The spill was traced to Tank 85, which had a capacity of over 900,000 gallons. Fuel leaked through a newly installed tank bottom and out a drain pipe, flooding an adjacent catchment depression and flowing into Ensenada Honda. Winds carried the fuel across the bay, where approximately 59,000 gallons collected against the Coast Guard pier and a mangrove forest. The spill caused rapid, widespread damage to mangroves, killing almost six acres of forest. Residual contamination of water and sediments was very low. Two areas were affected by the spill.

The northernmost area is a red mangrove forest drained by a tidal creek. The trees here are moderately sized and grow in thick, soft sediments. The second area is located north of, and immediately adjacent to, the Coast Guard pier. The mangrove forest here consists of a mixed species assembly of moderately-sized red mangroves, white mangroves and black mangroves.

Given the high proportion of low molecular weight hydrocarbons in JP-5, its low viscosity, and high evaporation rate, the primary mode of toxicity of JP-5 to the mangroves in Ensenada Honda was direct toxic poisoning. There was minimal smothering effect. Rapid onset of defoliation and death of adult mangroves and the low concentration of residual hydrocarbons in the sediments tend to support this view.

#### **BGI TRADER.**

On December 12, 1993 the Coast Guard received a report of a 20 gallon spill of #6 oil at the Gulf Oil Dock in San Juan. Upon investigation, a much larger spill of approximately 10,000 gallons was discovered in the San Juan Harbor, covering an area approximately 1 mile by 1 mile. The Barge BGI Trader claimed responsibility. The oil spill occurred when tanker man left a barge tank he was filling unattended.

#### **T/B MORRIS J. BERMAN**

Early morning on January 7, 1994, Coast Guard received report of a grounded tank barge offshore of San Juan. Response was rapid, and Coast Guard was on-scene placing boom just in time to prevent oil from entering San Antonio Channel. The barge, loaded with almost 1,500,000 gallons of a heavy #6 fuel oil, was hard aground on a reef just offshore of Escambron and San Juan's major hotels. The Hilton lagoon totally filled with oil, inches thick. A massive response effort arose with over 15 Federal and Commonwealth of Puerto Rico agencies, and 30 contractors joining together in the response effort that spanned several months. About 30 miles of shoreline, most to the immediate west of San Juan, experienced impact. Eight days later, after extensive lightering operations, the barge was refloated, towed to open ocean and sunk. Tar balls continued washing on shore west of the spill for several months. Because the oil was low API (LAPIO), submerged oil recovery was a significant and time-consuming part of operations. Cultural resource identification, protection and cleanup also were an important part of response efforts. These included historical structures in the San Juan area that were impacted by the oil as well as confidential artifact sites. Cultural resources were included in the ACP's sensitive area maps and protection strategies with change one.

#### **T/S MANTINIA.**

On June 1, 1994 the Tank Ship Mantinia, loaded with 13,000,000 gallons of #6 fuel oil went aground just off the pristine beaches of Guayanilla, Puerto Rico. A rapid response was organized by the Coast Guard including devising specific protection strategies and plans to deploy necessary equipment. The Mantinia was aground on a soft mud bottom.

Barges were on their way to lighter fuel and allow the Tank Ship to refloat, but five tugs were able to pull the Tank Ship into deeper water at high tide without pollution incident.

#### **T/S SANTA AUGUSTA.**

This spill occurred in 1971 when the Tank Ship Santa Augusta ruptured several tanks after striking an unidentified submerged object at the Hess Oil Refinery on the island of St. Croix, U.S. Virgin Islands. An estimated 3.3 million gallons of crude oil was spilled and much of it stranded on the south shore of the island. An area of approximately 5 acres of mostly red mangroves was killed. Natural re-colonization was inhibited due to debris from the dead trees blocking movement of seeds into the damaged areas. Natural regeneration seven years after the spill had been minimal and attempts to replant an oil damaged site were made. A total of 86,000 red mangrove seeds were planted and 36,000 black mangrove seeds broadcast into the damaged area. Some survival and growth of the planted seeds has been reported.

#### **M/V ZOE COLOCOTRONI.**

The M/V Zoe Colocotroni spill occurred in Cabo Rojo in 1973. This spill was caused when the ship grounded on a reef and the Captain decided to lighten the vessel by pumping 1.5 million gallons of crude oil overboard. About 40% of the oil never came ashore, dispersing at sea. The remaining oil was carried by currents and winds into Bahia Sucia, a semi-enclosed bay where it stranded on sandy shorelines and mangrove forests. Cleanup efforts removed most remaining oil from the bay, leaving only small amounts of residual oil in the system. At the Bahia Sucia site, the outer fringe of the mangrove forest suffered partial defoliation. The inner part of the fringe suffered total defoliation. This defoliation occurred over an initial 60 day period. Subsequently the dead area continued to expand slowly. Eight years after the spill, sectors of the western mangroves still contained large amounts of oil, visible as thick sheens when the sediments are disturbed. These concentrations represent a serious and persistent toxic burden that influences the rate at which such areas can restore themselves naturally. In fact, remediation of the natural damages resulting from the Zoe Colocotroni spill set the precedent for establishing legal procedures for natural resource damage assessments throughout the country.

#### **T/B ST THOMAS.**

In early February 1986, the U.S. Tank Barge St. Thomas struck a submerged object in Charlotte Amalie harbor, St. Thomas, U. S. Virgin Islands. The object, later determined to be a steel piling protruding upward from the harbor bottom, tore a hole approximately 3 feet long by 5 inches wide. Hung up on the piling, the barge pivoted around and grounded about 50 to 75 feet from shore. Damage to the barge's number 1 starboard cargo tank resulted in the loss of an estimated 500 barrels (21,000 gallons) of fuel oil. Later, an additional 100 barrels (4200 gallons) were lost when temporary patching of the tank let go.

## **9500 List of Agreements**

MOU between U.S. Coast Guard and the Environmental Protection Agency — Signed 4 January 1982

MOU between the Departments of Interior and Transportation Concerning Respective Responsibilities under the National Oil and Hazardous Substances Pollution Contingency Plan — Signed 16 August 1971

Interagency Agreement between the U.S. Fish and Wildlife Service and the U.S. Coast Guard for Participation in Pollution Incidents — Signed 24 July 1979

Instrument of Redelelegation of Sections 2(d), 2(f), 2(g), 3(a), and 4(b) of Executive Order 12316 of October 2, 1981 from the U.S. Coast Guard to the Environmental Protection Agency on Response Actions.

Interagency Agreement (IAA) between the United States Navy and the United States Coast Guard for Cooperation in Oil Spill Clean-up Operations and Salvage Operations — Signed 15 September 1980

MOU among the National Institute for Occupational Safety and Health, the Occupational Safety and Health Administration, the United States Coast Guard and the United States Environmental Protection Agency – Signed 18 December 1980

MOU between the Minerals Management Service of the Department of the Interior and the United States Coast Guard of the Department of Transportation Concerning Regulation Activities and Facilities on the Outer Continental Shelf of the United States — Signed 29 August 1989

MOU between the Environmental Protection Agency and the United States Coast Guard Concerning the Mitigating of Damage to the Public Health or Welfare Caused by a Discharge of a Hazardous Substance under Section 311 of the Clean Water Act (33 USC 1321) — Signed 3 October 1979

MOU between the Environmental Protection Agency and the United States Coast Guard on Assessment of Civil Penalties for Discharges of Oil and Designated Hazardous Substances — Signed 17 August 1979

MOU between the Department of Transportation and the Department of the Interior Regarding Offshore Pipelines — Signed 6 May 1976

MOU between the Department of Transportation, Department of Interior and the Environmental Protection Agency Regarding Jurisdictional Responsibilities for Offshore Facilities — Signed 14 December 1993

LOA on Limited Use of Dispersants & Chemical Agents During Oil Discharges Occurring in the Coastal Waters among U.S. Coast Guard (USCG) – 7<sup>th</sup> District, U.S. Environmental Protection Agency (USEPA) – Region II, U.S. Department of the Interior (USDOI), U.S. Department of Commerce (USDOC), and the Territory of the United States Virgin Islands ---- Signed 13 November 1991

LOA on Limited Use of Dispersants & Chemical Agents During Oil Discharges Occurring in the Coastal Waters among U.S. Coast Guard (USCG) – 7<sup>th</sup> District, U.S. Environmental Protection Agency (USEPA) – Region II, U.S. Department of the Interior (USDOI), U.S. Department of Commerce (USDOC), and the Commonwealth of Puerto Rico ---- Signed 13 November 1991

LOA between U.S. Coast Guard and Government of the U.S. Virgin Islands Regarding the Temporary Storage of Waste Oil and Contaminated Debris and Media Generated During Emergency Response ---- Signed 5 March 1993

MOU Regarding Oil Spill Planning and Response Activities under the Federal Water Pollution Control Act's National Oil and Hazardous Substances Pollution Contingency Plan and the Endangered Species Act ---- Signed 25 May 2001

LOA Between the Government of the United States and the Government of the British Virgin Islands Concerning Assistance to be Rendered During Oil Discharges/HAZMAT Into the Waters of the British Virgin Islands ---- Signed 12 August 2004

### **APPLICABLE MEMORANDUMS OF UNDERSTANDING/AGREEMENT**

#### **STORAGE**

Letter of Agreement Between the Government of the U.S. Virgin Islands and the U.S. Coast Guard Regarding the Temporary Storage of Waste Oil and Contaminated Debris and Media Generated During Emergency Response. Signed 5 March 1993

#### **WILDLIFE**

MOU on the Salvage and Rescue of Marine Mammals, Turtles and Birds in Puerto Rico and the Virgin Islands Between the United States Coast Guard and the Caribbean Standing Network. Signed 28 September 1992

#### **DISPERSANTS / CHEMICAL AGENTS**

Letter of Agreement on Limited Use of Dispersants and Chemicals Agents During Oil Discharges Occurring in the Coastal Waters Among U.S. Coast Guard (USCG) – Seventh District, U.S. Environmental Protection Agency (USEPA) – Region II, U.S. Department of the Interior (USDOI), U.S. Department of Commerce (USDOC), and the Territory of the United States Virgin Islands. Signed 13 November 1991. This agreement is enclosed in this annex.

Letter of Agreement on Limited Use of Dispersants and Chemical Agents During Oil Discharges Occurring in Coastal Waters Among U.S. Coast Guard (USCG) – Seventh District, U.S. Environmental Protection Agency (USEPA) Region II, U.S. Department of the Interior (USDOI), U.S. Department of Commerce (USDOC) and the Commonwealth of Puerto Rico. Signed 13 November 1991. This agreement is enclosed in this annex.

For specific information on dispersants or chemical agents refer to the EPA's most recent Product Schedule and Dispersant Usage Plan in the Caribbean Regional Response Team Contingency Plan, and guidance in the National Contingency Plan.

**The Dispersant Use Form is in Annex G – Chemical-Countermeasures**

#### **DAMAGE ASSESSMENT/PAYMENT**

MOU Between the Environmental Protection Agency and the Department of the Interior. Preliminary Surveys of Damages to Natural Resources. Signed 2 September 1983

Interagency Agreement Between the U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency in Executing P.L. 95-510. The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA). Signed 3 July 1982

MOU Between the United States Coast Guard and the Environmental Protection Agency. A Mechanism for Funding Vendor Costs Incurred by the U.S. Coast Guard During Emergency Response to Releases or Threats of Releases of Hazardous Substances. Signed 4 January 1982

## **9600 Conversions**

1 cubic foot = 7.481 gallons  
1 barrel = 42 gallons  
1 kilogram = 2.2 pounds  
1 metric ton = 300 gallons (approximate)  
1 gallon – 0.8327 imperial gallons

## **9700 List of Response References**

Refer to [NRT Sector San Juan ACP website](#).

## **9800 Reserved**

## **9900 Reserved for Area/District**