

NOAA Marine Debris Program

Marine Debris Monthly Report - March 2008

www.MarineDebris.noaa.gov

This weekly report contains information and updates highlighting NOAA's marine debris projects and partners, as well as marine debris media hits from around the world.

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Gulf of Mexico Marine Debris Project Update

On February 22, 2008 NOAA's Office of Coast Survey (OCS) and Office of Response and Restoration (ORR) met in Baton Rouge with the US Coast Guard, FEMA, and State of Louisiana representatives to present NOAA's plans for offshore survey and information management under the Second Supplemental. This supplemental funding from Congress allows NOAA to survey offshore areas in Louisiana, known to have marine debris deposited by hurricanes Katrina and Rita, and to provide survey data to debris removal operations and the public. OCS will survey nearly 1,000 square nautical miles of offshore areas identified by the state as high priority, and will have a dedicated survey personnel working with the removal vessels to help identify target and provide removal verification. ORR will provide a team member in the USCG command post to facilitate project execution and enhance communication, and will post maps and survey data on the project's website. The plan calls for the USCG-managed removal operation to follow the survey closely. Preparations for the offshore survey and removal are under way, with surveys scheduled to begin on March 2008.

For more information please contact Nir Barnea.



Crescent Moegling, OCS Project Manager, discusses survey plans. (Photo: Gary Rispone, Louisiana)

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Derelict Fishing Net Recycling in Washington

On February 12th, the NOAA Marine Debris Program (MDP) visited the <u>Skagit River</u> <u>Steel and Recycling Company</u> near Burlington, WA, to learn about their derelict gear recycling efforts. This company is one of a handful in the US that recycles fishing nets. Lois Young, manager of the recycling division, stated that in the past recycling efforts included cutting fishing nets into smaller pieces and sending them overseas for smallscale fishing operations, as well as sending nets via rail to Chicago for recycling. Currently fishing nets are collected, bailed, and then sent overseas for recycling into plastic products such as packaging, plastic seats, and a variety of other plastic products. Clean nets are accepted at no charge, and dirty nets – those containing lead lines or excess organic material – are usually accepted, but are charged for the labor to clean them.

The facility is currently recycling approximately 200 tons of nets per year, but the capacity exists to increase it to a yearly total of 1,000 tons. Skagit River Steel and Recycling Company has accepted a large shipment of nets from derelict fishing gear cleanup operations in Alaska, and is encouraging similar operations to explore recycling option by this company or others before sending the nets to a landfill.

For more information please contact Nir Barnea.



From left: Sarah Morison and Aneesah Griffin, MDP; Lois Young, SRSR; Peter Murphy and Nir Barnea, MDP.

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"Keep Oceans Clean!" Public Service Announcement

The "Keep Oceans Clean!" *Little Mermaid* PSA is up on the Web for people to view. This PSA is part of a larger "Keep Oceans Clean!" campaign to help spread the word, with the help of Disney's *Little Mermaid*, on how you can help prevent and reduce marine debris in our oceans and waterways. This campaign was sponsored by NOAA, Environmental Defense, National Marine Sanctuary Foundation (NMSF), Ad Council, and Disney, with contributions from the NOAA Marine Debris Program.

For more information visit Keep Oceans Clean! at http://www.keepoceansclean.org/.

Little Mermaid Oceans Awareness Underwater Media, March 14, 2008 http://underwatermedia.wordpress.com/2008/03/14/little-mermaid-oceans-awareness/

Keep Oceans Clean Ocean Promises, November 20, 2007 http://oceanpromises.com/2007/keep-oceans-clean/

"Keep Oceans Clean" - says Little Mermaid The Disney Blog, October 25, 2006 <u>http://www.thedisneyblog.com/tdb/2006/10/keep_oceans_cle.html</u>

Little Mermaid Characters Promote Ocean Awareness IESB.net, October 4, 2006

http://www.iesb.net/index.php?option=com_content&task=view&id=485&Itemid=99

Ad Council Joins Three Leading Environmental Groups in Unprecedented Partnership to Promote Ocean Awareness Common Dreams, October 3, 2006 <u>http://www.commondreams.org/news2006/1004-04.htm</u>

Ariel (The Little Mermaid) - Wikipedia, the free encyclopedia Wikipedia.com <u>http://en.wikipedia.org/wiki/Ariel_(The_Little_Mermaid)</u>

Hou De Oceanen Proper! Keep Oceans Clean Under The Sea [video PSA] Veoh.com http://www.veoh.com/videos/v360267SSgbfn9e

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White House Easter Egg Roll Highlights Ocean Conservation and Marine Debris

Staff with the NOAA Marine Debris Program and Office of National Marine Sanctuaries represented NOAA on Monday (March 24th) at the White House Easter Egg Roll. The Council for Environmental Quality's (CEQ) ocean themed booth focused on marine debris and included representatives from NOAA, the U.S. Department of the Interior, and U.S. Environmental Protection Agency. NOAA staff worked at the booth distributing a new "Protect our Ocean's Activity Book" for kids. Also, the NOAA Marine Debris Program's Web site was highlighted in the <u>CEQ Easter Egg Roll Fact Sheet</u> released by the White House as a great source for information on what we can all do to prevent marine debris. The Easter Egg Roll is an annual event that is attended by nearly 22,000 children and adults.

For more information, contact <u>Megan.Forbes@noaa.gov</u>.

CEQ Fact Sheet: Conserving Our Oceans Through Stewardship, Volunteerism, and Education Whitehouse.gov - Washington, DC, March 24, 2008 <u>http://www.whitehouse.gov/news/releases/2008/03/20080324.html</u>

Media hits:

Annual White House Easter Egg Roll Hops With Jonas Brothers, Cartoon Favorites Fox News, March 24, 2008 <u>http://www.foxnews.com/story/0,2933,340912,00.html</u>

White House Hosts Annual Easter Egg Roll Associated Press, March 24, 2008 http://ap.google.com/article/ALeqM5iur1RO2_HrLvd5VHNI1N6QepKboQD8VK10Q82

White House Egg Roll ABC News, March 24, 2008 <u>http://www.abcnews.go.com/Entertainment/popup?id=4514759</u>

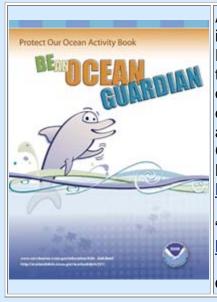
Bush rolls out the welcome mat for annual Easter egg event

USA Today, March 24, 2008 http://blogs.usatoday.com/ondeadline/2008/03/bush-rolls-out.html

2008 White House Easter Egg Roll Business Wire (press release) - San Francisco,CA, March, 22, 2008 http://www.businesswire.com/portal/site/google/?ndmViewId=news_ view&newsId=20080322005006&newsLang=en

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NEW NOAA "Protect our Ocean's Activity Book"



A brand new children's activity book has been created and is now available for download on the NOAA Marine Debris Program Web site. This activity book highlights and teaches various ways that we can all help protect our oceans, especially from the effects of marine debris. Included are puzzles, games, and coloring pages, along with how kids can become a NOAA Ocean Guardian. This activity book was created jointly by the NOAA Marine Debris Program and <u>Office of National</u> <u>Marine Sanctuaries</u>.

"Protect our Ocean's Activity Book" can be downloaded at <u>http://marinedebris.noaa.gov/outreach/welcome.html</u>.

Cover of "Protect Our Oceans Activity Book"

Pages of this activity book were excerpts from the NOAA Marine Debris Program's "Understanding Marine Debris: Games and Activities for Kids of All Ages." This activity book can be downloaded in its entirety at

http://marinedebris.noaa.gov/marinedebris101/resources_md101.html.

For more information, contact <u>Megan.Forbes@noaa.gov</u>.

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Marine Debris Research Cruise Under Way from Hawaii



An earlier at-sea test flight of the Malolo I off the coast of Oahu. *Photo courtesy of NOAA*.

A 17-day cruise on the NOAA ship OSCAR ELTON SETTE is under way to test a number of technologies to detect and possibly remove marine debris from the North Pacific Subtropical Convergence Zone. The cruise is being led by the <u>Coral Reef Ecosystem Division of the NOAA</u> <u>Pacific Islands Fisheries Science Center</u>, with support from the <u>Papahanaumokuakea Marine</u> <u>National Monument</u>. Personnel from the NOAA Marine Debris Program and <u>Airborne</u> <u>Technologies, Inc.</u>, a company based in Alaska, round out the marine debris scientific crew.

Debris will be spotted using powerful binoculars and from an unmanned aerial system (*Malolo I*) that can stream video camera back to the ship. The scientists will attempt to attach tracking buoys to large bundles of debris, mainly derelict fishing gear. Smaller pieces of debris will be brought on board the ship and transported back to Oahu.

For more information contact <u>Carey.Morishige@noaa.gov</u> or visit <u>http://marinedebris.noaa.gov/projects/atsea_cruise.html</u> (included photos and a link to a cruise blog!)

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National Fish and Wildlife Foundation Marine Debris Grant to Open

A marine debris grant through the <u>National Fish and Wildlife Foundation</u> (NFWF) will be opening soon. With support from the NOAA Marine Debris Program, the National Fish and Wildlife Foundationwill fund projects that will result in benefits to living marine resource habitats and navigational waterways through removing and/or preventing marine debris, including projects that are coupled with a best management practice that limits the re-accumulation of debris. This NOAA partnership supports innovative and effective conservation and stewardship of our country's marine and coastal areas.

For more information visit <u>http://marinedebris.noaa.gov/funding/welcome.html</u>.

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Current NOAA Projects Addressing Marine Debris in the U.S.

Project description pages are available on the <u>NOAA Marine Debris Program Web site</u>! Learn about and view photos and videos of current NOAA projects addressing marine debris across the nation.

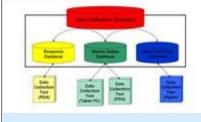
Nationwide



Assessing the Socio-economic Costs of Marine Debris and the Benefits of Abatement - Phase 2: Model Development, Data Gap Analysis and Survey Design

Net removed at-sea by Hawaii-based longliner. *Photo courtesy of R. Mansho, Schnitzer Steel HI Corp.*

Data Standard Model



Emergency Response Field Data Collection - Integrating Marine Debris and Shoreline Assessment Data Through a Common Data Standard

A data standard can provide a common language that allows different groups and data collection efforts to share information. It can be the rules of communication that help standardize the way data is collected and stored. Once critical commonalities exist then integration and the associated benefits are possible. *Figure courtesy of I. Zelo.*

Atlantic Region



Demonstration Project for At-sea Retrieval and Shore-side Removal of Derelict Fishing Gear from the Stellwagen Bank National Marine Sanctuary

Capt. Frank Mirarchi and project sanctuary staff leadBen Cowie-Haskell display their successful catch of derelict lobster traps from the Stellwagen Bank National Marine Sanctuary off of Massachusetts. *Photo courtesy of Dave Haley*.



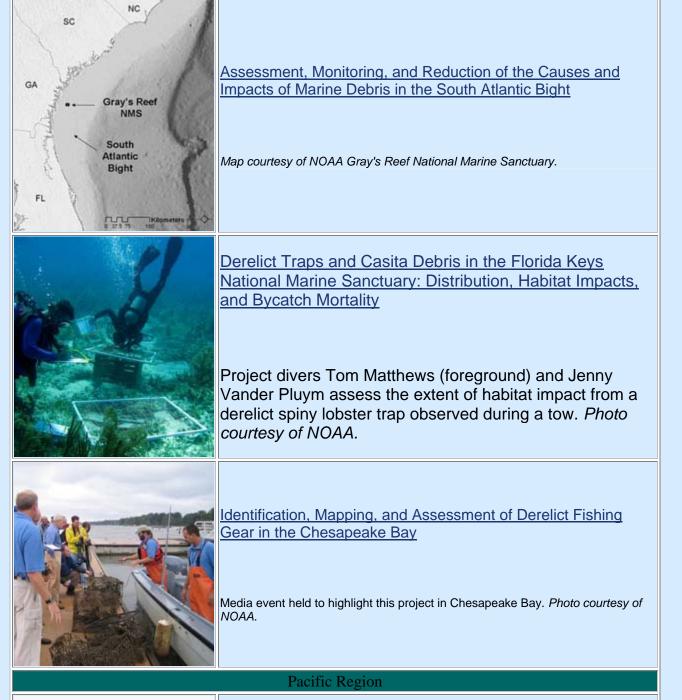
Debris Accumulation, Removal and Impact Assessment (DARIA)

Staff at CCFHR remove debris at a salt marsh located near the CCFHR campus. *Photo courtesy of Shay Viehman, NOAA/CCFHR.*



Recovery and Subsequent Disposal of Ghost Black Sea Bass Traps in the U.S. South Atlantic Fishery Management Area

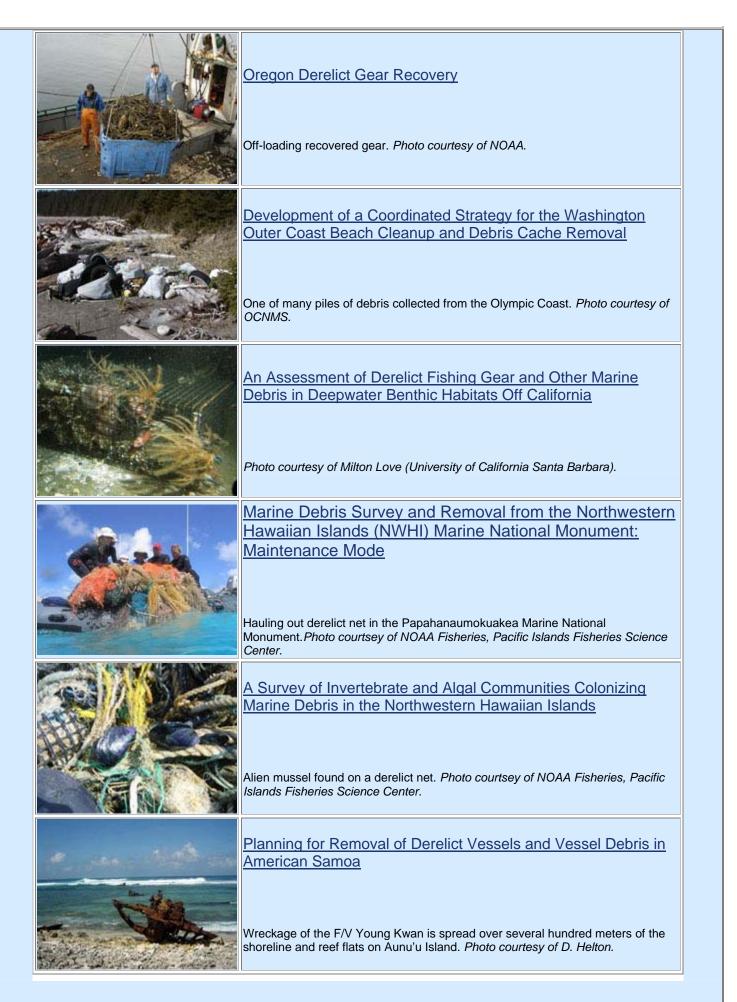
Derelict Black Sea Bass trap. Photo courtesy of NMFS.





Coordinating Our Efforts: Establishing Effective and Scientifically Sound Marine Debris Goals, Practices, and Outreach for Alaska

Clean up efforts in 2004 on St. Paul Island, Alaska. *Photos courtesy of Michael Williams, NOAA.*



Marine Debris in the News

Marine debris media hits from various sources around the world.

* = Related to the NOAA Marine Debris Program, a funded project, or marine debris partners the program works with.

Hawaii Students Win National Water Challenge

KHNL-TV/KHBC/KOGG - Honolulu,HI, March 24, 2008 http://www.khnl.com/Global/story.asp?S=8062596

Annual Beach Cleanup in its 25th year

The Register-Guard - Eugene, OR, March 24, 2008 http://www.registerguard.com/csp/cms/sites/dt.cms.support.viewStory. cls?cid=83213&sid=40&fid=1

COMMENT: Collective will needed to ban bags

Worcester News - Worcester News, UK, March 24, 2008 http://www.worcesternews.co.uk/mostpopular.var.2141161.mostcommented. comment collective will needed to ban bags.php

Washington CoastSavers public program *

Seattle Times - United States, March, 24, 2008 http://seattletimes.nwsource.com/html/hereandnow/2004301614 here24m.html

Artist's litter message

Ipswich Evening Star - Ipswich, England, UK, March 23, 3008 http://www.eveningstar.co.uk/content/eveningstar/news/story.aspx?brand=ESTOnline& category=News&tBrand=ESTOnline&tCategory=News&itemid=IPED20%20Mar %202008%2016%3A11%3A49%3A537

Help remove debris from beach

Houston Chronicle, March 21, 2008 http://www.chron.com/disp/story.mpl/metropolitan/5639510.html

Ocean debris harms Alaska fisheries, MCAF official says *

Kodiak Daily Mirror, March 21, 2008 http://www.kodiakdailymirror.com/?pid=19&id=5986

Time to get drastic on plastic?

BBC News - UK, March 21, 2008 http://news.bbc.co.uk/2/hi/uk news/wales/7306785.stm

Big beach-clean effort is working wonders

Ross-Shire Journal - Inverness, Scotland, UK, March 21, 2008 http://www.ross-shirejournal.co.uk/news/fullstory.php/aid/3604/Big beach-clean effort is working wonders.html

International Offshore Services gets debris removal project EnergyCurrent - Houston,TX, March 20, 2008 http://www.energycurrent.com/index.php?id=4&storyid=9537

Coast Guard: Debris found Thursday may be from missing sailboat San Jose Mercury News - CA, March 20, 2008

http://www.mercurynews.com/breakingnews/ci_8644673?nclick_check=1

Mirarchi presenting fisheries management program * Scituate Mariner - Marshfield,MA, March 20, 2008 http://www.wickedlocal.com/scituate/news/x325163739

Senior projects focus on community

Jamestown Press - RI, March 20, 2008 http://www.jamestownpress.com/news/2008/0320/News/006.html

CoastSavers plans public meetings to prepare for April 26 beach cleanup *

TheNewsTribune.com - Tacoma,WA, March 20, 2008 http://www.thenewstribune.com/adventure/story/313705.html

Officials from across county say plans to stop use of grocery bags

Santa Rosa Press Democrat - Santa Rosa,CA, March 20, 2008 http://www1.pressdemocrat.com/article/20080320/NEWS/803200344/1033/NEWS&template=kart

Marine-debris removal efforts ramp up in second stage * Houma Today, March 19, 2008 http://www.houmatoday.com/article/20080319/NEWS/803190321/1026

Best assessments involve the people doing the job

nebusiness.co.uk - UK, March 19, 2008 http://www.nebusiness.co.uk/business-sector-reports/business-innovationnorth-east/spring-2008/2008/03/19/best-assessments-involve-the-peopledoing-the-job-51140-20647240/

Volunteers needed for Kokololio Beach cleaning

Honolulu Advertiser - Honolulu,HI, March 19, 2008 http://www.honoluluadvertiser.com/apps/pbcs.dll/article?AID=/ 20080319/NEWS25/80318089/1318/NEWS25

Aged ships a toxic export

Christian Science Monitor, March 19, 2008 http://www.csmonitor.com/2008/0319/p14s02-sten.html?page=3

Bag Ban

Foxnews.com, March 18, 2008 http://www.foxnews.com/story/0,2933,339053,00.html

Town to become pilot site for clean up

Journal Press - King George - King George,VA, March 18, 2008 http://www.journalpress.com/link.asp?twindow=Default&smenu=78&sdetail= 4701&mad=No&wpage=&skeyword=&sidate=

Rubbish volunteers 'outstanding'

Australian Star - Pakenham, Victoria, Australia, March 18, 2008 http://www.senews.com.au/story/56446

RSPB joins calls for network of Scottish marine reserves Scotsman - United Kingdom, March 18, 2008 http://news.scotsman.com/scotland/RSPB--joins-calls-for.3887057.jp

South Australia plans HDPE bag ban

Plastics & Rubber Weekly - Croydon,UK, March 17, 2008 http://www.prw.com/homePBP_NADetail_UP.aspx?ID_Site=818&ID_Article=

24446&mode=1&curpage=0

Debris removed from coastal waters

2TheAdvocate - Baton Rouge,LA, March 14, 2008 http://www.2theadvocate.com/news/acadiana/16666331.html

Students helping save dolphins, whales

MiamiHerald.com - Miami,FL, March 13, 2008 http://www.miamiherald.com/676/story/454804.html

Bahrain: Plea to reuse plastic bags

Middle East North Africa Financial Network - Amman, Jordan, March 11, 2008 http://www.menafn.com/qn_news_story_s.asp?StoryId=1093188774

SPRING CLEAN UP VOLUNTEERS HELP CLEAR COASTAL DEBRIS

gibfocus.gi - Gibraltar, March 11, 2008 http://www.gibfocus.gi/details_headlines.php?id=2220

Let's jettison the jetsam

Lake Oswego Review - Lake Oswego,OR, March 11, 2008 http://www.lakeoswegoreview.com/sustainable/story.php?story_id= 120491871609859300

Party's call to bin plastic bags

Crewe Guardian - Crewe, England, UK, March 10, 2008 http://www.thisischeshire.co.uk/mostpopular.var.2106179.mostviewed. partys call to bin plastic bags.php

Britain: Tap Water Only

Reuters/New York Times, March 7, 2008 http://www.nytimes.com/2008/03/07/world/europe/07briefswater.html?ex=1362546000&en=4fee40955bc1c634&ei=5088&partner=rssnyt&emc=rss

Plastic bags choke Garrett

Melbourne Herald Sun - Australia, March 11, 2008 http://www.news.com.au/heraldsun/story/0,21985,23359068-5000117,00.html

Plastic waste puts seas in danger

StarPhoenix - Saskatoon,Saskatchewan,Canada http://www.canada.com/saskatoonstarphoenix/news/arts/story.html?id= afc38b10-2fbb-4d0c-82e8-4ab895cce08d

18 years later, banned polymer lingers

Lake Oswego Review - Lake Oswego,OR, March 11, 2008 http://www.lakeoswegoreview.com/sustainable/story.php?story_id=120491888226018400

Fresh call to dump plastic

Gulf Daily News - Manama, Bahrain, March 11, 2008 http://www.gulf-daily-news.com/Story.asp?Article=211194&Sn=BNEW&IssueID=30357

Chinese workers? Let them pick up litter

Spiked - London,UK, March 10, 2008 http://www.spiked-online.com/index.php?/site/article/4853/

Scientists trash plastic bag ban NEWS.com.au - Australia, March 10, 2008 http://www.news.com.au/story/0,23599,23346582-2,00.html

Anti-plastic crusaders stuck holding the bag

WorldNetDaily - Grants Pass,OR, March 9, 2008 http://worldnetdaily.com/index.php?fa=PAGE.view&pageId=58447

Scientists rubbish killer plastic bag claims

Scotland on Sunday - Edinburgh, Scotland, UK, March 9, 2008 http://scotlandonsunday.scotsman.com/uk/Scientists-rubbish-killer-plastic-.3858856.jp

Candidates to debate, oil, gas and mining issues at ComFish

Alaskajournal.com - Anchorage,AK, March 9, 2008 http://www.alaskajournal.com/stories/030908/hom 20080309035.shtml

Series of blunders turned the plastic bag into global villain

Times Online - UK, March 8, 2008 http://www.timesonline.co.uk/tol/news/environment/article3508263.ece

Save our sea life

Times Online - UK, March 7, 2008 http://www.timesonline.co.uk/tol/life_and_style/related_features/love_nature /article3506807.ece

Help save our seas from a tide of filth! Scoop.co.nz - New Zealand, March 7, 2008

http://www.scoop.co.nz/stories/PO0803/S00084.htm

Louisiana Business: Katrina, Rita Debris

Flotsam fever

Globe and Mail - Canada, March 7, 2008 http://www.theglobeandmail.com/servlet/story/RTGAM.20080307. wlflotsam07/BNStory/lifeMain/home

Agencies solicit public to report marine debris

2TheAdvocate - Baton Rouge,LA, March 7, 2008 http://www.2theadvocate.com/news/16372961.html

Santa Monica: City Council seeks to prohibit single-use plastic bags Marina del Rey Argonaut - Marina del Rey,CA, March 6, 2008 <u>http://www.argonautnewspaper.com/articles/2008/03/06/news</u> - features/

top_stories/2sm.txt

Pacific Ocean filling up with plastic, experts say Georgia Straight - Vancouver,British Columbia,Canada, March 6, 2008 <u>http://www.straight.com/article-135556/pacific-ocean-filling-up-with-plastic</u> -experts-say

In New Effort, U.S. Army Divers Help NOAA National Marine Sanctuaries Remove Marine Debris and Support Fish Research NOAA - Washington, DC, March 6, 2008 http://www.noaanews.noaa.gov/stories2008/20080306 divers.html

Pitch in to clean up shoreline

Jacksonville Daily Record - Jacksonville, FL, March 6, 2008

http://www.jaxdailyrecord.com/showstory.php?Story_id=49582

Array of rubbish found during clean up

Port Lincoln Times - Port Lincoln, South Australia, March 6, 2008 <u>http://portlincoln.yourguide.com.au/news/local/general/array-of-rubbish-found-during-clean-up/1197420.html</u>

Spend rebates on art

Ventura County Reporter - Ventura, CA, March 6, 2008 http://www.vcreporter.com/cms/story/detail/spend_rebates_on_art/5764/

'Leave only your footprints,' SRIA implores

Gulf Breeze News - FL, March 6, 2008 http://www.gulfbreezenews.com/news/2008/0306/island_news/064.html

Cornwall College cleans up! FEnews.co.uk - London,UK, March 6, 2008 http://www.fenews.co.uk/newsview.asp?n=2872

Ban on bags can't carry weight

Sydney Morning Herald - Sydney, New South Wales, Australia, March 6, 2008 http://www.smh.com.au/news/opinion/ban-on-bags-cant-carryweight/2008/03/05/1204402553654.html

OP EDITORIAL: Plastic takes a fall for fish nets

Geelong Advertiser - Geelong, Victoria, Australia, March, 5, 2008 http://www.geelongadvertiser.com.au/article/2008/03/05/11889_opinion.html

Letter: Save Our Shores Ocean Leadership Conference starting March 12

Coastsider News - San Mateo,CA, March 5, 2008 http://coastsider.com/index.php/site/news/save_our_shores_ocean_leadership _conference_starting_march/20080305/

MYSTERIOUS CANISTERS FOUND ON OCEAN BEACHES

U.S. Coast Guard Press Release, March 5, 2008 http://www.d13publicaffairs.com/go/doc/21/194540/

"Plastic Soup" Debris in Pacific Ocean

Environmental News Network, March 5, 2008 http://www.enn.com/top_stories/article/32286

Banish the bags: The amazing picture of 2lb of plastic poison found in whale's stomach DailyMail.com, February 27, 2008 http://www.dailymail.co.uk/pages/live/articles/news/news.html?in_article_

id=519832&in_page_id=1770

Latest issue of HELCOM Newsletter released

Newsdesk (pressmeddelande) - Stockholm,Sweden, March 3, 2008 http://www.newsdesk.se/pressroom/naturvardsverket/pressrelease/view/latest-issue-of -helcom-newsletter-released-199623

NOAA Marine Debris Programme *

News from the International Coastal Cleanup Singapore, March 2, 2008 http://coastalcleanup.wordpress.com/2008/03/02/noaa-marine-debris-programme/

Made in Britain: a new sea of rubbish

Daily Mail - UK, March 2, 2008

http://www.dailymail.co.uk/pages/live/articles/news/news.html?in_article_ id=524370&in_page_id=1770

Clean Up volunteers urge plastic bag ban

Ararat Advertiser - Ararat, Victoria, Australia, March 2, 2008 http://ararat.yourguide.com.au/news/breaking/general/clean-up-volunteers-urge-plastic-bagban/1194014.html

Shoppers' huge NO to free bags: 140 towns join our crusade

Daily Mail - UK, February 29, 2008 http://www.dailymail.co.uk/pages/live/articles/news/news.html?in_article_ id=523214&in_page_id=1770

A plastic plague

The Northern Echo - Darlington,UK, February 29, 2008 <u>http://www.thisisthenortheast.co.uk/features/leader/display.var.2083273.0</u> <u>.a plastic plague.php</u>

SCHOOLS LEND A HAND IN CAMPAIGN TO CLEAN UP THE BARWON

Media Newswire (press release) - New York,NY, February 29, 2008 http://media-newswire.com/release_1061782.html

Supes okay drafting plastic ban ordinance

Willits News - Willits,CA, February 29, 2008 http://www.willitsnews.com/ci 8408676

APPEAL TO TRACK DOWN GREY SEAL PUP CAUGHT UP IN NET

The Cornishman - Truro, England, UK, February 29, 2008 http://www.thisiscornwall.co.uk/displayNode.jsp?nodeId=144125&command=display Content&sourceNode=232510&home=yes&more_nodeId1=232470&contentPK=20020227

Dive in to Clean Up Day!

Batemans Bay Post Star - Batemans Bay, New South Wales, Australia, February 29, 2008 http://batemansbay.yourguide.com.au/news/local/general/dive-in-to-clean-up-day/1193440.html

Students to help out on coastal clean-up

This Is Lancashire - Blackburn, England, UK, February 28, 2008 http://www.thisislancashire.co.uk/news/headlines/display.var.2075736.0.students to help out on coastal cleanup.php

Not giving up on missing fishermen

NEWS.com.au - Australia, February 28, 2008 http://www.news.com.au/dailytelegraph/story/0,22049,23287775-5006009,00.html

Why 30 toilets turned up on the beach

Devon 24 - UK, February 27, 2008 <u>http://www.devon24.co.uk/northdevongazette/news/story.aspx?brand=NDGOnline&category=news&tBrand=devon24&tCategory=newsndga&itemid=DEED27%20Feb%202008%2009%</u> <u>3A53%3A05%3A580</u>

Porthtowan Beach : photo Surfers Against Sewage Global Surf News - USA, February 26, 2008 http://www.globalsurfnews.com/news.asp?ld_news=32941

Top China plastic bag maker closes amid green drive

Reuters, February 26, 2008 http://www.reuters.com/article/environmentNews/idUSPEK3889120080226?feedType=RSS

&feedName=environmentNews

Oropeza bill seeks to ban smoking in state parks and beaches California Chronicle - Los Angeles,CA, February 25, 2008 http://www.californiachronicle.com/articles/53418

First map of human impacts on oceans released Straight Goods - Golden Lake,ON,Canada, February 25, 2008 http://www.straightgoods.ca/ViewFeature8.cfm?REF=110

Covanta Energy and NOAA 'fish for energy' * Waste Management World - Upshire,England,UK, February 7, 2008 http://www.waste-management-world.com/display_article/319436/123/ARTCL/ none/News1/1/Covanta-Energy-and-NOAA-'fish-for-energy'/

No day at the beach The Daily Triplicate, February 6, 2008 http://www.triplicate.com/news/story.cfm?story_no=7538

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NOAA Marine Debris Program www.MarineDebris.noaa.gov

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Any questions, comments, or submissions should be sent to <u>Carey Morishige</u>.