

# WRECKS OF THE WORLD II:

## *Evaluating and Addressing Potential Underwater Threats*

Washington, DC Area  
(Linthicum Heights, Maryland), USA  
June 6-7, 2011

### MITAGS



An international survey (Michel et al., 2005) has identified over 8,500 sunken shipwrecks in marine waters around the world, including more than 1,500 sunken tank vessels ( $\geq 150$  gross tons) and nearly 7,000 sunken non-tank vessels ( $\geq 400$  gross tons). These wrecks may contain as much as 20 million tons (140 million barrels) of oil and other hazardous materials. Sporadic or continuous leakages or potential sudden massive spillages from these wrecks, 75 percent of which stem from World War II, pose a continual risk across the globe.

The problem of potentially-polluting wrecks has long been discussed and recent incidents around the world have caused government agencies and responsible parties to look proactively at preventing catastrophic oil and other chemical releases from long submerged shipwrecks.

The risk of oil and other hazardous materials seeping out of sunken shipwrecks is growing yearly, and the likelihood of leakage or even a massive spill occurring increases, as do the potential costs. Taking a proactive rather than a reactive approach to mitigating this risk will save not only dollars in response costs, but also reduce the threat of environmental and socioeconomic damages.

From the viewpoint of environmental and economic impacts, there is little difference between oil spilling from a sunken vessel and oil spilling from a modern day vessel casualty, with the exception that, while there is no way to predict the location or timing of the next major oil spill, potentially-polluting wreck sites are known and the probability of an spill event is quantifiable or even inevitable. There is ample evidence that there are a large number of wrecks in coastal waters that are spills waiting to happen.

Sponsored by the American Salvage Association (ASA) and the North American Marine Environmental Protection Association (NAMEPA), this conference, "Wrecks of the World II: Evaluating and Addressing Potential Underwater Threats," will aim to provide an opportunity for an objective review and discussion of the current state of potentially polluting wrecks and to offer considerations to address the problem.

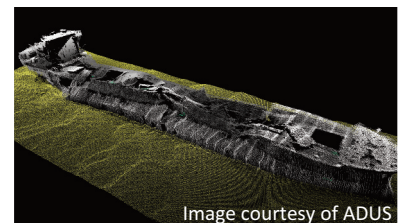
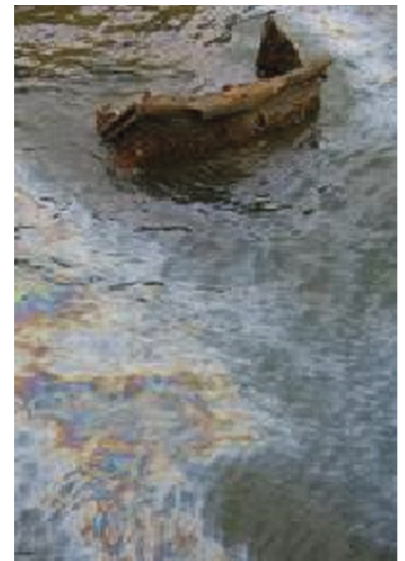
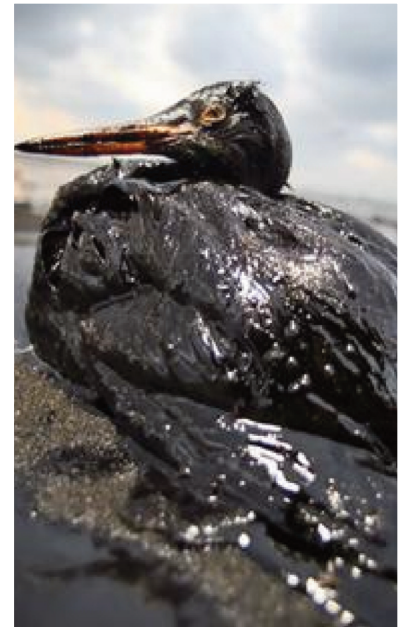


Image courtesy of ADUS

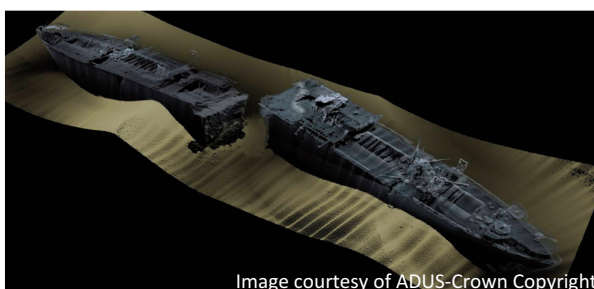


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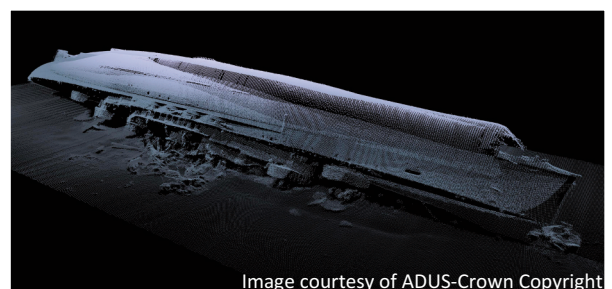


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# WRECKS OF THE WORLD II:

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### Conference Agenda: Monday, June 6

#### **8:00 A.M. REGISTRATION & COFFEE**

#### **9:00 A.M. PLENARY SESSION**

*Chairman's Welcome*

Chairmen: Mauricio Garrido, ASA  
Clay Maitland, Esq., NAMEPA

#### **9:15 A.M. OPENING KEYNOTE ADDRESS**

Senator Barbara Mikulski, Chairwoman –  
Committee on Commerce, Justice and  
Science (Invited)

#### **10:00 A.M. COFFEE BREAK**

#### **10:30 A.M. PLENARY SESSION**

*Overview and Key Developments Since  
WOW I Conference*

Moderator: Mauricio Garrido, ASA  
*Threats from Potentially-Polluting Wrecks*

##### Panelists:

- Dr. Dagmar Schmidt Etkin, ERC
- Lisa Symons, ONMS
- Jon Waldron, Esq., Blank Rome LLC
- J.A.C. Hans van Rooij, Global Marine Solutions BV (Invited)

#### **12:00 P.M. LUNCH**

#### **1:00 P.M. LUNCHEON KEYNOTE ADDRESS**

Congressman Frank LoBiondo, Chairman –  
Coast Guard and Maritime Transportation  
Subcommittee (Invited)

#### **AFTERNOON BREAKOUT SESSIONS**

#### **2:00 P.M. SESSION A: REGULATORY ISSUES FOR POTENTIALLY POLLUTING WRECKS**

Moderator: RADM Brian Salerno,  
U.S. Coast Guard

##### Panelists:

- Rosalie Balkin, IMO (Invited)
- James Shirley, Esq., JTS Marine LLC
- TBD, Transport Canada
- Robert Pond, U.S. Coast Guard

#### **2:00 P.M. SESSION B: RISK ASSESSMENT ISSUES FOR POTENTIALLY-POLLUTING WRECKS**

Moderator: Mauricio Garrido, ASA

##### Panelists:

- John Wagner, NOAA
- David Conlin, National Park Service
- Dr. Deborah French McCay, Applied Science Associates, Inc.
- TBD, NOAA OR&R

#### **3:15 P.M. COFFEE BREAK**

#### **3:45 P.M. SESSION A: FINANCIAL ISSUES FOR POTENTIALLY-POLLUTING WRECKS**

Moderator: RADM Brian Salerno, U.S. Coast  
Guard

##### Panelists:

- Craig Bennett, National Pollution Fund Center
- Jose Maura, IOPC Fund
- Charles Andersen, Skuld North America
- George Wittich, American Marine Corporation

#### **3:45 P.M. SESSION B: COSTS AND IMPACT ISSUES FROM LEAKING WRECKS**

Moderator: Mauricio Garrido, ASA

##### Panelists:

- Dr. Dagmar Schmidt Etkin, ERC
- Dr. Jacqueline Michel, Research Planning, Inc. (Invited)
- Marty Pagliughi, Mayor Avalon, New Jersey (Invited)
- Jeremy Weirich, U.S. Senate Appropriations Committee (Invited)

#### **5:00 P.M. ADJOURN**

#### **6:30 P.M. DINNER AT NICK'S FISH HOUSE ON BALTIMORE WATERFRONT**

# WRECKS OF THE WORLD II:

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### Conference Agenda: Tuesday, June 7

#### 7:00 A.M. CONTINENTAL BREAKFAST

#### 8:00 A.M. CHAIRMAN'S OPENING REMARKS

Chairmen: Mauricio Garrido, ASA  
Clay Maitland, NAMEPA

#### 8:10 A.M. STATE-OF-THE-ART RESEARCH ON WRECKS

Dr. Christopher Reddy, Woods Hole  
Oceanographic Institute  
Michael Barrett, Woods Hole  
Oceanographic Institute

#### 8:30 A.M. PLENARY SESSION

*Wreck Remediation – Case Studies*  
Moderator: Bob Urban, PCCI

##### Panelists:

- Zachary Malinoski, Bisso Marine Co., Inc.
- John Witte, DonJon Marine Co., Inc.
- Devon Grennan, Global Diving & Salvage, Inc.
- Bas Coppes, Mammoet Salvage Americas, Inc.
- Dave Usher, Marine Pollution Control
- Gordon Bain, Ocean Group, Inc.

#### 10:15 A.M. COFFEE BREAK

#### 10:45 A.M. PLENARY SESSION

*Wreck Remediation – Case Studies*  
Moderator: Bob Urban, PCCI

##### Panelists:

- Tim Parker, Parker Diving
- Joseph Farrell, Resolve Marine Group
- Doug Martin, Smit Salvage Americas, Inc.
- Robert Tyson, Svitzer Salvage
- Kevin Teichman, T&T Marine Salvage, Inc.
- Rich Habib, Titan Salvage

#### 12:00 P.M. LUNCH

#### 1:00 P.M. LUNCHEON KEYNOTE ADDRESS

Dr. Jane Lubchenco, Under Secretary of  
Commerce for Oceans and Atmosphere and  
NOAA Administrator (Invited)

#### 2:00 P.M. PLENARY SESSION

*Challenges for Government and Industry*  
Moderator: Clay Maitland, Esq., NAMEPA

##### Panelists:

- William Lerch, API/IPIECA (Invited)
- Carleen Lyden-Kluss, NAMEPA
- Heather Parker, U.S. Coast Guard
- Charles Andersen, Skuld North America

#### 3:15 P.M. COFFEE BREAK

#### 3:45 P.M. PLENARY SESSION

*The Way Forward – Goals and Initiatives*  
Moderator: Clay Maitland, Esq., NAMEPA

##### Panelists:

- Lisa Symons, NOAA (Wreck Oil Removal Program)
- Rosalie Balkin, IMO (Invited)
- Nicola Goodwyn, ABP Marine Environmental Research (UK)
- CDR Edward Bock, U.S. Coast Guard (Invited)

#### 5:00 P.M. ADJOURN



# WRECKS OF THE WORLD II:

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### Conference Sponsorship, Tabletop Exhibition and Registration Form

#### **Registration Fees:**

- ☐ \$700 General Attendees
- ☐ \$500 Government Attendees
- ☐ \$500 ASA and NAMEPA Attendees

#### **Tabletop Exhibits:**

Tabletop exhibits are \$1,000. This includes the tabletop exhibit on June 6-7 and one full conference registration. Each draped table measures 6' x 30". Exhibits are limited to the tabletop. Electricity is not provided.

- ☐ Yes, I would like to present a tabletop exhibit.
- ☐ No, I am not interested in a tabletop exhibit.

#### **Sponsorships:**

By sponsoring the Wrecks of the World II conference you can make your company more visible to the decision-makers. A number of alternative sponsorship opportunities exist. Sponsorships are acknowledged in the Conference program, the Conference documentation, on the Conference website and through signage at the event.

- ☐ Yes, I would like to be a **Gold-level sponsor** for \$5,000. (Includes full admission for four (4) representatives to the Conference.
- ☐ Yes, I would like to be a **Silver-level sponsor** for \$2,500. (Includes full admission for two (2) representatives to the Conference.
- ☐ Yes, I would like to be a **Bronze-level sponsor** for \$1,000. (Includes full admission for one (1) representative to the Conference.
- ☐ No, I am not interested in sponsorship.

#### **Registration and payment options:**

- ☐ Register on-line with a credit card at the following site:  
<http://www.americansalvage.org/forms/wow.htm>
- ☒ Register by mail with a check. Checks should be made payable to the "American Salvage Association."

Check #: \_\_\_\_\_ Amount: \$ \_\_\_\_\_ Date: \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

County \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

**To register for the conference by mail**, please send this completed form with payment to:

Patricia Welch  
The American Salvage Association  
801 North Quincy Street  
Suite 200  
Arlington, VA 22203 USA  
Tel: 1-(703) 373-2293  
e-mail: [pwelch@vesselalliance.com](mailto:pwelch@vesselalliance.com)

All cancellations must be made in writing. Cancellations made within two weeks prior to the event are subject to a fee of \$200. No refunds will be made for no-shows.

#### **Hotel Information:**

**Hotel reservations**, at the rate \$139.00 per room per night (including breakfast and dinner), may be made directly with the conference hotel at MITAGS by calling 1-(410) 859-5700, extension "0" for the nights of September 8th and/or 9th, 2009. Guests are responsible for their own reservations and own payment. All reservations must be guaranteed with a valid credit card upon acceptance of the reservation. Failure to cancel prior to 6:00 p.m. 24 hours prior to the day of arrival will result in the forfeiture of advance deposits and reservations guaranteed by credit card will be charged one night's rate, plus applicable taxes.