

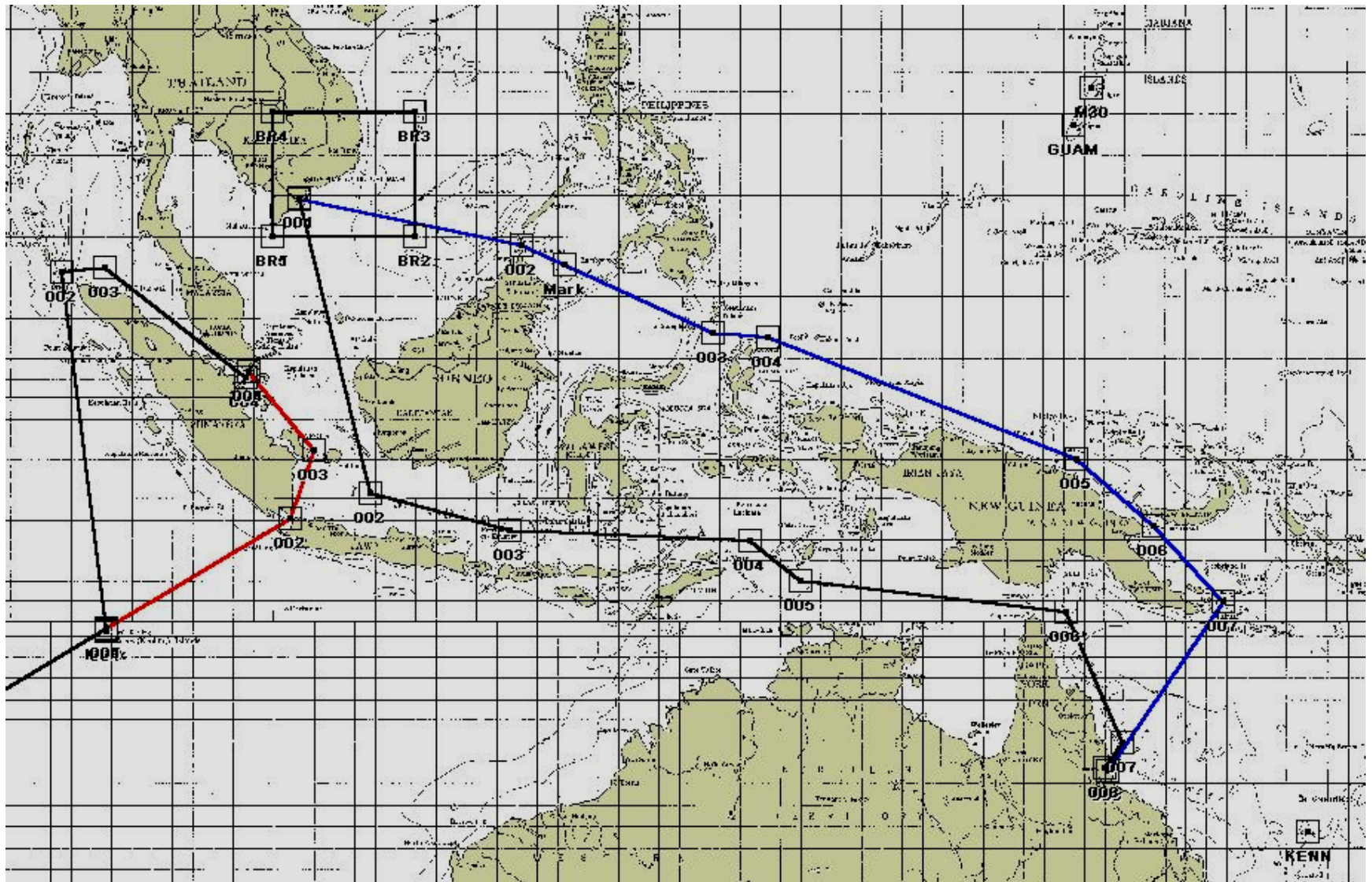


HOMELAND SECURITY SESSION

***“Repel Boarders!” A Security Primer for
Oceanographic Research Ship Operations***



“Pirate Alley”



UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

UNOLS OFFICE
MOSS LANDING MARINE LABS
8272 MOSS LANDING RD.
MOSS LANDING, CA 95039

PHONE: (831) 632-4410

FAX: (831) 632-4413



Research Vessel Operators' Committee **SECURITY SUB-COMMITTEE**

Daniel S. Schwartz, Chair, RVOC Security Sub-Committee

RVOC Security Sub-Committee

- Formed at RVOC Meeting, Newport, Rhode Island, 25 October 2001.
- Initial Members: Tom Althouse (SIO), Joe Coburn (WHOI), Paul Ljunggren (LDEO), & Dan Schwartz (UW).

RVOC Security Sub-Committee

Purpose...

- To consider the spectrum of potential security threats confronted by Academic Fleet Vessels,...
- To establish contacts--and an ongoing liaison--with Navy, Coast Guard and law enforcement agencies for rapid access to information, advice and threat assessment,...
- To participate in a dialogue with UNOLS Institutions and funding agencies while evaluating risks, missions, routing decisions, and options,...
- To consider and recommend means by which the Fleet can enhance security & safety in response to a variety of threats.

Informative Links:

Office of Naval Intelligence

World Wide Threat to Shipping Reports

http://pollux.nss.nima.mil/onit/onit_j_main.html

To query past incidents over the past 15 years, by number of anti-ship incidents or by location, go to:

http://pollux.nss.nima.mil/asam/asam_j_query.html

International Chamber of Commerce

International Maritime Bureau

Piracy Reporting Center, Kuala Lumpur

http://www.iccwbo.org/ccs/menu_imb_piracy.asp

Weekly Piracy Report

http://www.iccwbo.org/ccs/imb_piracy/weekly_piracy_report.asp

Issues of Concern for Research & Survey Ship Operators...

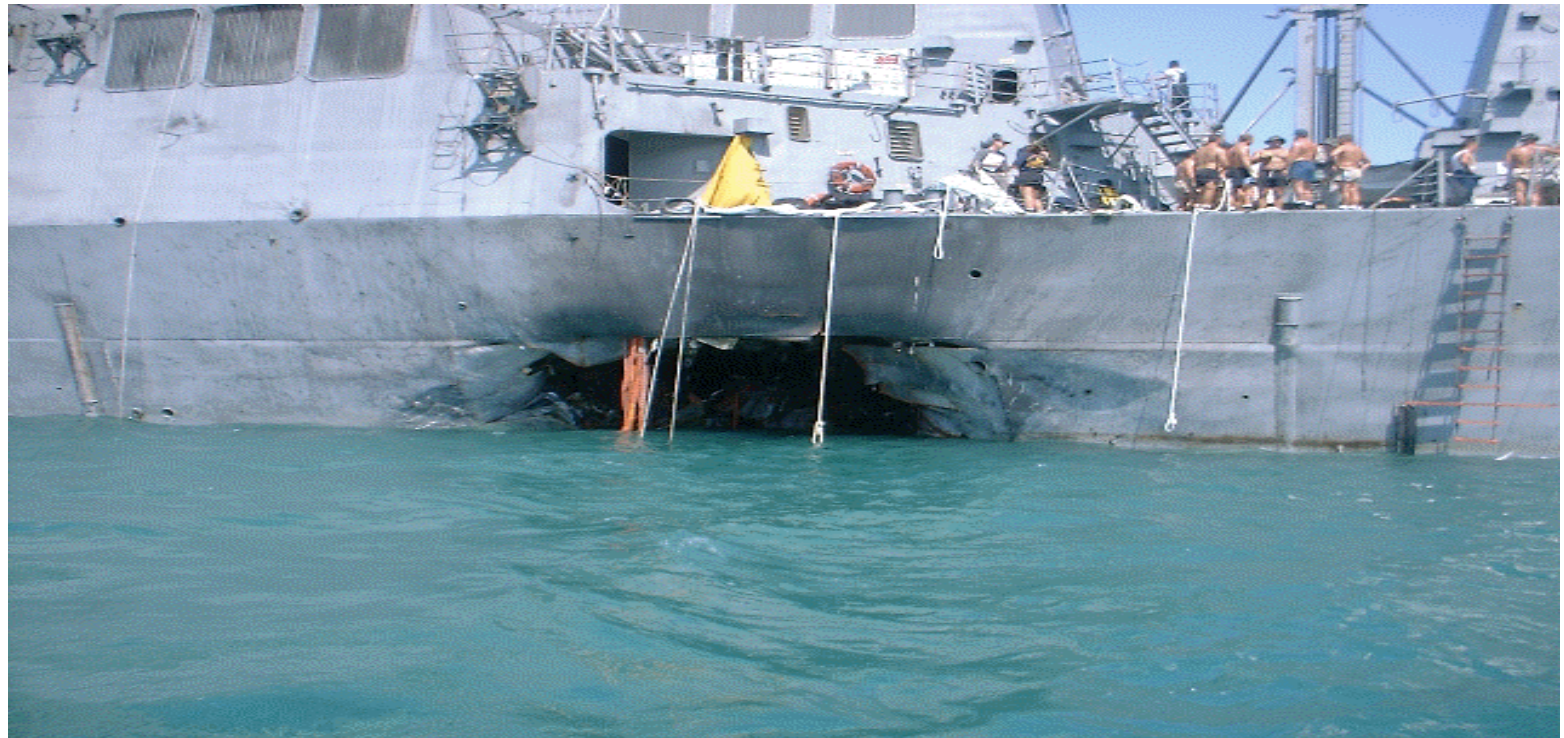
Piracy...or...



...Terrorist Attack...?

Issues of Concern:

U.S.S. *Cole*



Piracy....or Terrorism?

Issues of Concern:

Piracy and Research Vessels

- *Hotspots are fairly predictable: Indonesia, Red Sea, Philippines, Columbia, Ecuador, Nigeria, etc.*
- *Warnings are distributed well after the fact*
- *Incidents have happened before (Calanus 1981, etc., Ewing 2001)*
- *What's changed since 9/11? We can't assume mere robbery is the sole motive (It could be another 'Cole', an Abu Sayef hostage taking, or an attempt to seize a vessel to launch other attacks)*

(COURTESY: UHBO)





French Tanker the Target of Suicide Bombers

A French oil tanker, the Limburg, on fire off the coast of Yemen was hit by a high speed boat possibly loaded with explosives, according to early reports.



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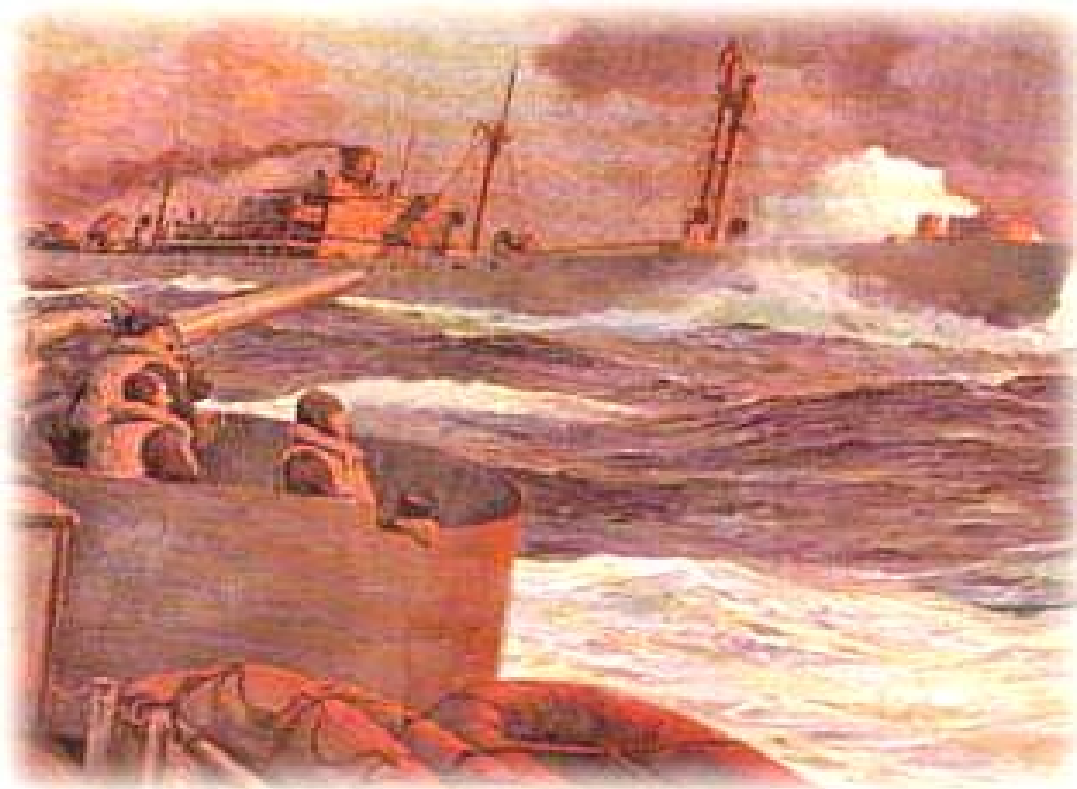
Issues of Concern for Research & Survey Ship Operators:

The terrorism threat includes;

- *Direct attack by small boat (or, when alongside a wharf, by boat, foot or vehicle)*
- *Bomb and bio/chemical agent attack--an item smuggled aboard or delivered with science/survey packages or ship stores*
- *Hostage situations*

WWII US Navy Armed Guard and WWII Merchant Marine

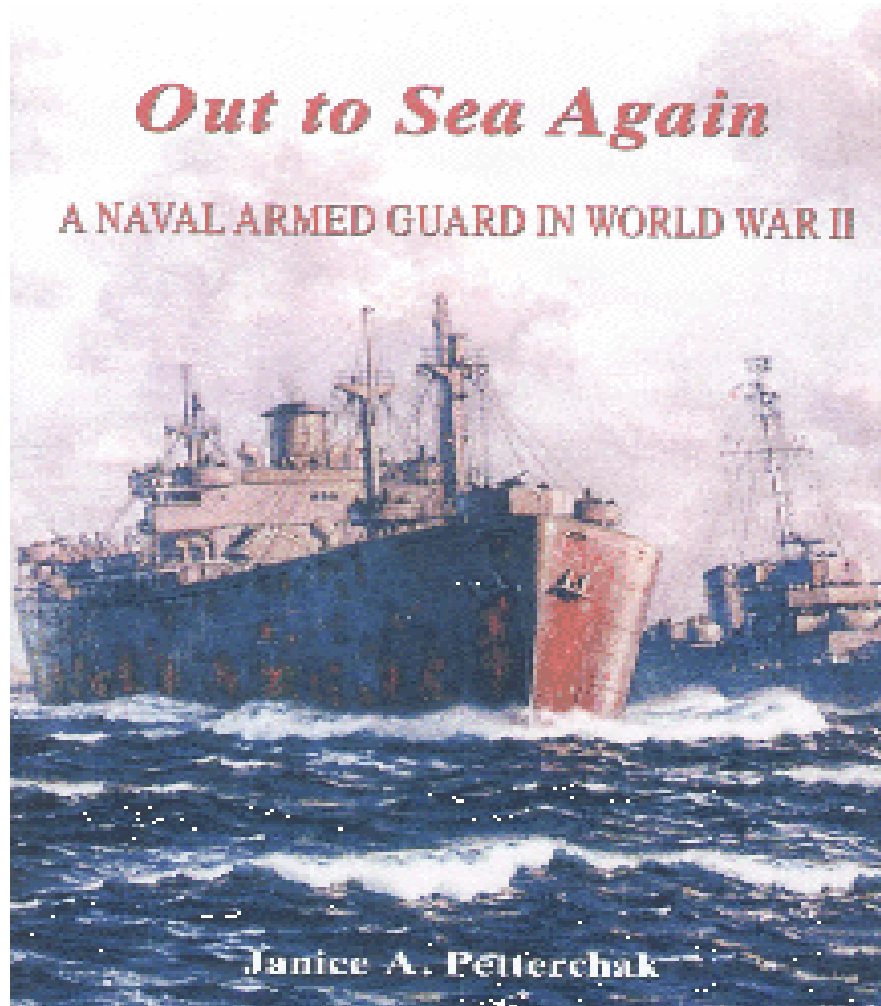
Liberty Ship, Courtesy Linda Reis



Legacy Press

Out to Sea Again

A NAVAL ARMED GUARD IN WORLD WAR II



Janice A. Petterchak

Force Protection & Training

Alongside Security in Home Ports

Alongside Security in Foreign Ports



Force Protection & Training

Alongside Security issues include;

- *Access Control during science personnel change-outs, provisioning, bunkering...
Photo identification challenges at gangway*
- *Package receipt control/verification*
- *Stowaway searches before departure*
- *Eliminate “sailing board:” ship movements to be provided on a “need-to-know” basis*

Force Protection & Training

Underway security and threat recognition...



Force Protection & Training

- Utilization of professional security teams during operations or transits in tense areas (Inventory and pre-screen firms offering this service)
- Equipping and training for self defense (as per civilian-crewed MSC vessels)
- Threat recognition and rules-of-engagement

RESOURCES

- Open-source intelligence (newsletters, listservers, etc)--and the need to evaluate them as to quality and timeliness
- Liaison with ONI, State Dept., USCG, agents, port law enforcement, Navy CiCs
- Host nation resources--and evaluation as to reliability, trustworthiness of local officials
- Communications, COMSEC & Crypto
- *MITAGS* and other training resources

Research & Survey Vessel Security

Conclusions:

The scourge of piracy has been with us since before *triremes* sailed the Mediterranean. In recent years, smugglers of drugs, arms and illegal immigrants, and stowaways have become--in addition to the pirates--a significant threat to our ships.

We're now at war, and we must be prepared for any attempt by hostile individuals or groups to harass, attack, or board and seize our ships and harm the personnel whom we are responsible for protecting.