

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**

Briefing to the

UNOLS Council Meeting: 11/15/01

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

# RVOC Security Sub-Committee

- Formed at RVOC Meeting, Newport, Rhode Island, 25 October 2001.
- Initial Members: 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.

# RVOC Security Sub-Committee

## *Issues of Concern:*

Piracy...



UNOLS Council, Nov. 15, 2001

# RVOC Security Sub-Committee

## *Issues of Concern:*

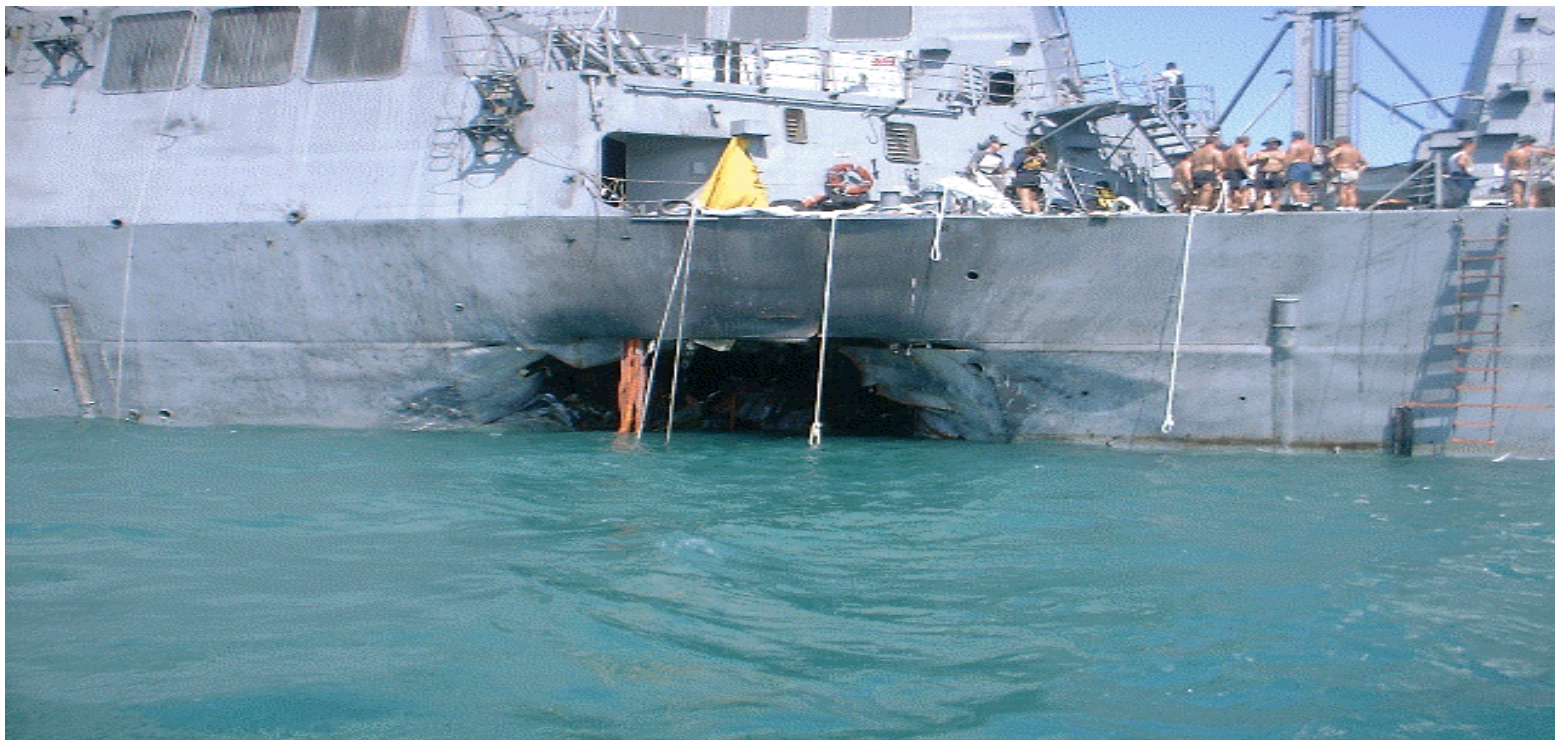
### Piracy and Research Vessels

- *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 grab, or an attempt to seize a vessel to launch other attacks)*

# RVOC Security Sub-Committee

## *Issues of Concern:*

Terrorist Attack...



UNOLS Council, Nov. 15, 2001

# RVOC Security Sub-Committee

## *Issues of Concern:*

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 packages or ship stores*
- *Hostage situations*



# RVOC Security Sub-Committee

## *Issues of Concern:*

Alongside Security in Home Ports

Alongside Security in Foreign Ports



UNOLS Council, Nov. 15, 2001



# RVOC Security Sub-Committee

## *Issues of Concern:*

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*

# RVOC Security Sub-Committee

## *Issues of Concern:*

Underway security and threat recognition...



UNOLS Council, Nov. 15, 2001

# RVOC Security Sub-Committee

## *Issues of Concern:*

- 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

# RVOC Security Sub-Committee

## *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 shipping.

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.