



NITC's Views: How to Assess the Piracy Threat & How to Protect Ships

**Presented by : Mohammad Sourì
Chairman & Managing Director Of NITC**

International Union of Marine Insurance (IUMI) ,Bruges Belgium -15th. Sep. 2009

NITC's Views: How to Assess the Piracy Threat & How to Protect Ships

Contents:



A Brief Profile of NITC



Lessons Identified from the GoA Piracy



NITC Anti Piracy Measures



Threats of GoA Pirates to NITC Fleet



The Impacts of GoA Piracy & the International Marine Challenges

NITC Fleet

Vessel	Units	Capacity (DWT)	Remarks
VLCC	50	15,610,000	28 Operational 10 to be delivered 2010-2 12 to be delivered 2012-3
Suezmax	9	1,446,000	Operational
Aframax	5	490,000	Operational
Caspimax	3	189,000	Delivery in 2010, dom. S/Y
Chem./ Product	5	175,000	3 Operational 2 delivery in 2010, dom.S/Y
LPG Carrier	1	12,000	Operational

No. of Operational Tankers: 46 Units- 10,677,000 DWT

No. of Ordered Tankers: 27 Units - 7,245,000 DWT

3 Total Capacity by 2013: 73 Units 17,922,000 DWT

Pirates Speed Boats



Rocket

Machine Gun

Pirates with their Fast Boat, Ladder & Armaments



The Ladder is used for Grappling & Climbing
on board the vessel being Hijacked

Pirates Mother Ship



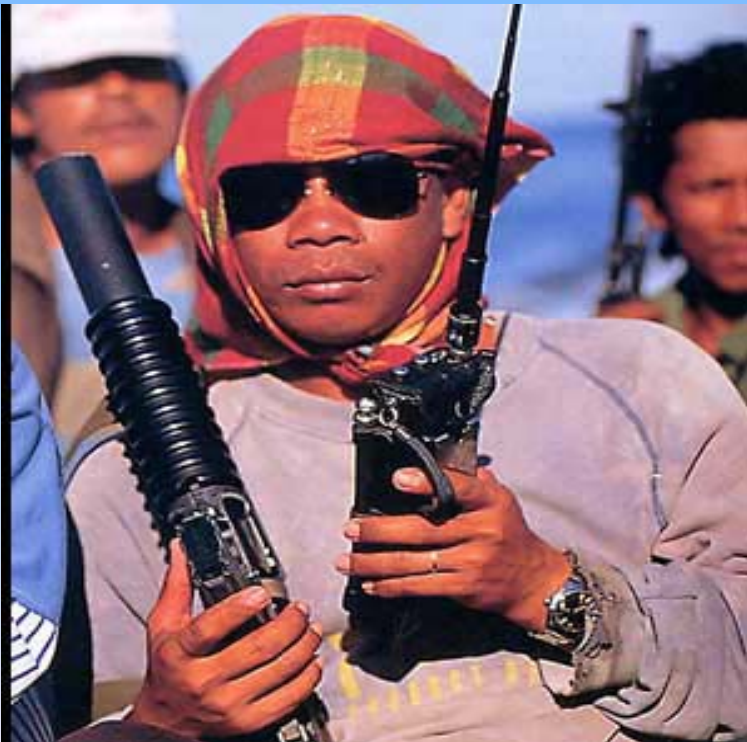
Vessel Captured by Pirates



Pirates On Board Hijacked Vessel (Iran Dianat - IrisL)



Pirates equipped with highly sophisticated Armaments & Communication System



The Crew of the Hijacked Ukrainian MV Faina

The crew of the hijacked Ukrainian freighter MV Faina stand on the deck following a US Navy request to check on their health and welfare. The ship was carrying 33 Soviet-era battle tanks



Ransom Dropped by Parachute



Sirius Star Tanker (Vela Shipping Co.)

Hijacked, 16th. Nov. 2008 & Released, 10th. Jan. 2009

Coalition Forces Capturing Pirates



Pirates Mother Ship Detained by coalition Forces



Pirates Captured in their Mother Ship



Pirates of Somalia

Equipped with Modern Equipments

- ★ **Fast Speed Boats**
- ★ **Automatic Machine Guns & Ammunition**
- ★ **Short Range Rockets & other Weapons**
- ★ **Satellite Communication & Radar System**
- ★ **Mother Supply Vessels**

Pirate has shown new capabilities to operate in South of Red Sea, Arabian Sea & at considerable distance approx. to 800 Miles off the coast of

Somalia

Piracy Activity Statistics from 2008 to 2009 (Jun)

Content	2008	2009 (Jun)
Vessels Fired At By Pirates	42	85
Vessels Hijacked	44	32
No. of attacks	111	114 (up to 12. 5.09)
No. of Ships Crew taken as Hostage	815	478 (up to 12. 5.09)
No. of Captive Vessels	-	7
No. of Captive Ships Crew	-	Around 140

Pirates Request high amount of Ransom from the Ship Owners (So Far, More than US \$ 150 M)

Effect of Seasonal Weather Patterns to Piracy Activities

- ★ During the Monsoon, the regional winds are typically strong, and seas could be up to 4.8m
- ★ Rough Sea puts pirate skiffs at risk of capsizing. “they just can’t get out on this season”
- ★ Seasonal weather patterns indicate that, around Mid September, the Southwest Monsoon begins to die off
- ★ The incidence of piracy will increase again after settling of current weather condition

The Impact of GoA Piracy to Int. Marine Trade



Piracy is Criminal Anti Shipping activity & is an Obstacle to Safe Navigation



Piracy at sea is a vital threat to Global Economy



Piracy requires International Attentions



Piracy requires Global Security Solutions



Summary of Lessons Identified

From Gulf of Aden Piracy

& NITC Anti Piracy Measures

High Risk Ships to Pirates Attacks are:

- Low Speed Ships (Below 15 Knots)
- Ships with low hook points such as Low Freeboard (Below 8 Meter in Loaded Condition)
- Ships with no plan to Counter Pirates attack

Counter Piracy Measures Prior to Transit GoA :

- ★ Passage policy from the Shipping Company to be issued and Monitored
- Ships Crew to be Trained adequately (Anti piracy Drill)
- ★ Plan ahead & how to Counter Pirates act to be thought
- Protective clothing to be prepared for the Crew
- Preventive equipments to be installed on deck for preventing Easy Grappling, Easy Climbing, Easy passage of Possible Pirates, such as Barbed Wires in High densities

- ★ Ships should Keep well distanced from Piracy threat area (Failed hijacking areas remain at high risk)
- Consideration of employment of private Security team
- ★ Ships transiting around the Cape (East Africa), should pass East of 60 degree East Longitude
- The crew Wages has been increased to the level of Int. Transport Federation (ITF) War Zone Legislations
- ★ Ships must store & keep adequate provisions on board

Counter Piracy Measures While Transiting GoA :

- ★ Ships to Transit through designated Escorted Corridor and if available/possible will be escorted by Private Security team
- Increase Speed of the Ship to Maximum
- ★ Increase the No. of Look outs to prevent surprises
- Investigate any approaching boat near by the Ship

★ Keeping Proper Communication with Coalition Forces (including the Iranian Navy) + IMB

- Man the Engine Room for emergency Maneuvers

★ Increase Ship & Crew Alertness

- The ship will be navigated from Remote Emergency Areas in case of Emergencies

★ Dimming the Light in Darkness

- Locking All Entrances to Vital Control rooms and Bridge and in order to delay the Entrance of Pirates

1) Proper Communication with International Security Naval Forces



Iranian

and

Coalition

War Ships

2) All Entrances Locked & Barbed Wires installed

3) No. of Look Outs increased & Equipped with Night Vision Binoculars

4) Bullet Proof Jackets for seafarers



5) High Pressure Water Jets are ready

6) Ditching of Barrels, filled with Water & on top of Pirates Boats / Skiffs berthed alongside

7) Utilizing red flares in case of emergencies



Threats of GoA Pirates to NITC Fleet

Pirates attacked NITC Vessels (12 attempts)

Carrying 2 M bbs of Crude Oil

VLCC Tankers	Date	East of Somalia	Time duration	Means of attacks
Hengam	20 th .09 2008	250 M	21:58 3 H	3 armed Fast boats
Damavand	2 nd .10 2008	80 M	22:00 2 H	3 armed Fast boats
Hormuz	16 th .10 2008	98 M	20:30 50m	3 armed Fast boats
Noor	28 th .10 2008	85 M	11:27 45 m	6 armed Fast boats
Haraz	11 th .11 2008	82 M	16:10 5H	4 armed Fast boats

VLCC Tankers	Date	East of Somalia	Time duration	Means of attacks
Haraz	23rd.12 2008	10 M	08:00 4 H	9 armed Fast boats
Daylam	14th.Jan 2009	120 M	16:40 1 H	3 armed Fast boats
Noor	18th .05 2009	GoA	10:30 42 M	2 armed Fast boats
Sarv	19th .05 2009	GoA	07:55 15M	1 armed Fast boat
Hadi	15th . 06 2009	GoA	13:40 25 M	1 armed Fast boat
Sarvestan	17th. 06 2009	GoA	10:30 35 M	1 armed Fast boat

Pirates Fired Rocket To Hijack NITC Tanker

- ★ M/T Hengam (VLCC) was Hit by Propelled Driven Rocket – RPG (Date: 20th.09 2008)
- ★ Pirates also attacked M/T Hadi with Rocket, fortunately the rocket did not Hit the Vessel (15th. 06. 2009)



The Impact of GoA Piracy to Marine Shipping Companies

- 1) Tension & Stress to Shipping companies, Cargo owners
- 2) Injury & Death Stress to Life of Seafarers and their Families agonizes
- 3) Increase of marine insurance Cost
- 4) Charter Free during the Hijacked Period
- 5) Possible damage cost to the Ship & Cargo
- 6) Extra Fuel consumption
- 7) High Ransom Fees
- 8) Extra costs, to provide Security teams, Equipments...

The International Marine Challenges Regarding to the Piracy

- 1) Most of Flag State Countries, does not allow Armaments on board their state Controlled Ships**
- 2) Insurer firms, are reluctant to provide coverage while Armament & Security team is onboard & Conflict is possible: (For Death, Injury, Damages to Cargo, Vessel & Environmental Pollutions & Ransom fees)**
- 3) No Solid, Supportive Legal Legislations by International Laws for Armed Retaliations**

4) The Threat of piracy is expanding globally & so far the Antipiracy measures are expensive and inadequate

5) Extra cost Burden on Multi National forces:
(Reference to current reports, More than 34 Modern Naval war Ships including several Helicopters and Long Range Maritime Petrol Aircrafts from 16 different Nations are directly involved)

6) Possible environmental damages are expected

7) Irrespective of extra burden & Costs of the threat of Piracy to shipping companies, the risk of threat to the life of Seafarers are Unacceptable

**Thank You For Your
kind Attention**

**Thank You For Your
kind Attention**

**Thank You For Your
kind Attention**