



UNITED STATE COAST GUARD

LIQUEFIED GAS CARRIER

NATIONAL CENTER OF EXPERTISE

Coast Guard National Centers Of Expertise (NCOE)

- **Established 7 National Centers of Expertise.**
- **Increase competency in the Marine Inspection & Investigation programs.**
- **Keep pace with maritime industry growth & complexity.**
- **Venue for technical based training & exchange between the maritime industry & Coast Guard personnel.**
- **Promote Nation-wide consistency of port state control exams & marine causality investigations.**

National Centers of Expertise



Vintage Vessels ★

**Suspension
&
Revocation** ★

Towing Vessels ★

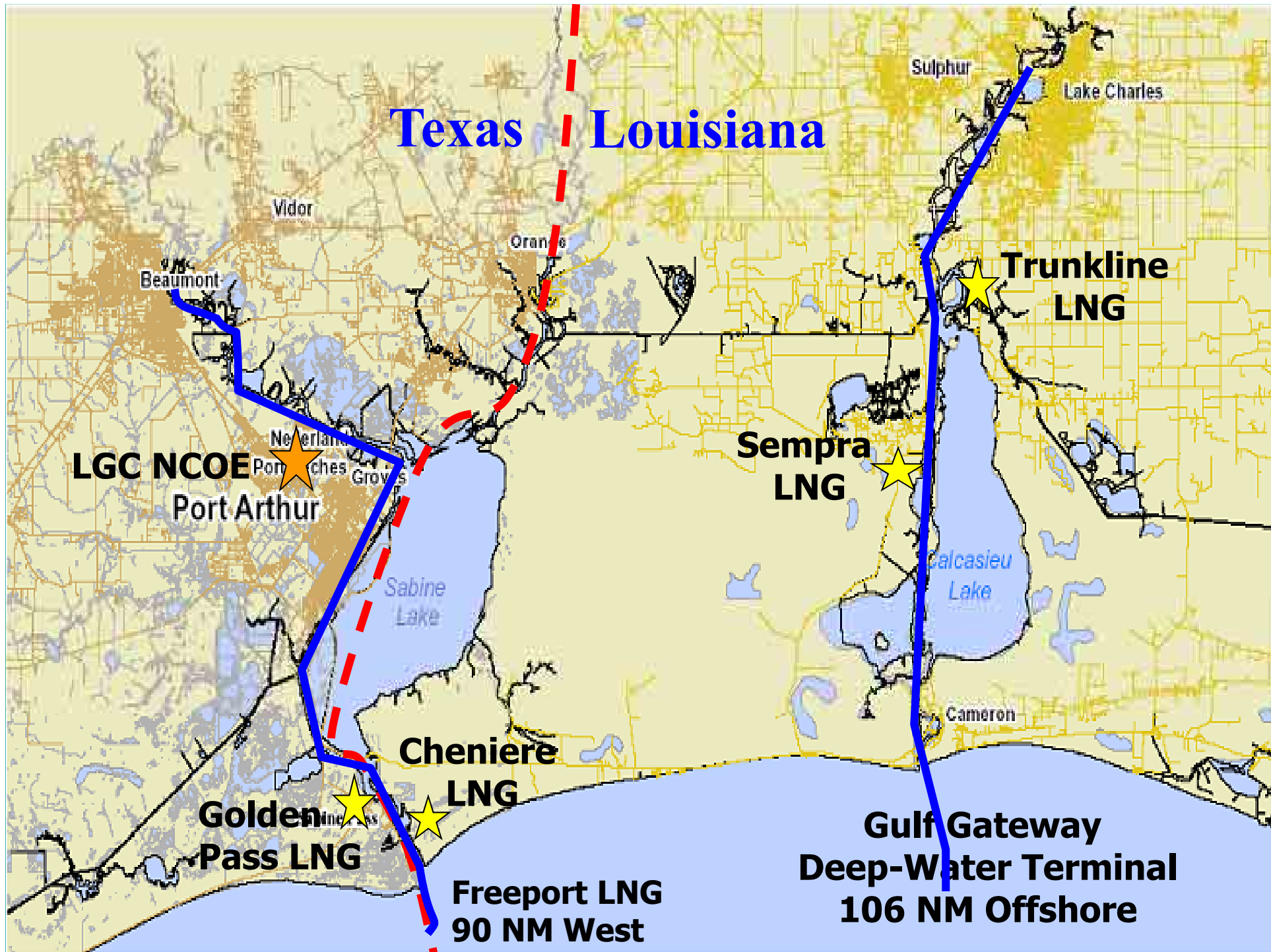
Gas Carriers

★

Investigations

**Outer
Continental
Shelf**

★ **Cruise
Ships**



Liquefied Gas Carrier NCOE is Co-located with Marine Safety Unit Port Arthur



Liquefied Gas Carrier NCOE Staff

- **CDR Randal Ogrydziak - Supervisor**
- **LCDR Mike Odom - Assist Supervisor**
- **Jim Fernie - Senior Marine Inspector**
- **Rob Hanley - Marine Inspector**
- **Capt Gordon Loebel – CG54TI
Chief, Traveling Inspectors / NCOE**



Liquefied Gas Carrier NCOE Ultimate Goal

“Enhance Marine Safety”

- **Focal point of expertise in operation & exams of gas ships.**
- **Provide CG personnel the technical knowledge & skills needed to conduct gas ship exams.**
- **Serve as Industry’s connection to the Coast Guard.**

Liquefied Gas Carrier Accomplishments

- **Build-out of offices and training facility.**
- **Attended Sigtto General Purpose Meeting- Oslo, Norway.**
- **Oversee CG's Gas Carrier Course & LNG Ship Ride Program.**
- **Assist local Coast Guard units w/foreign gas ship exams.**
- **Provided CG in Boston & Port Arthur technical expertise concerning security of LNG ships from Yemen's LNG facility.**

Approaching Maran Gas Coronis by water taxi off-shore Muscat, Omen.



**In place antipiracy measures;
razor wire, manikins, &
water spray system.**





**The Security Team:
CG, ISC Group & DistriGas Rep**

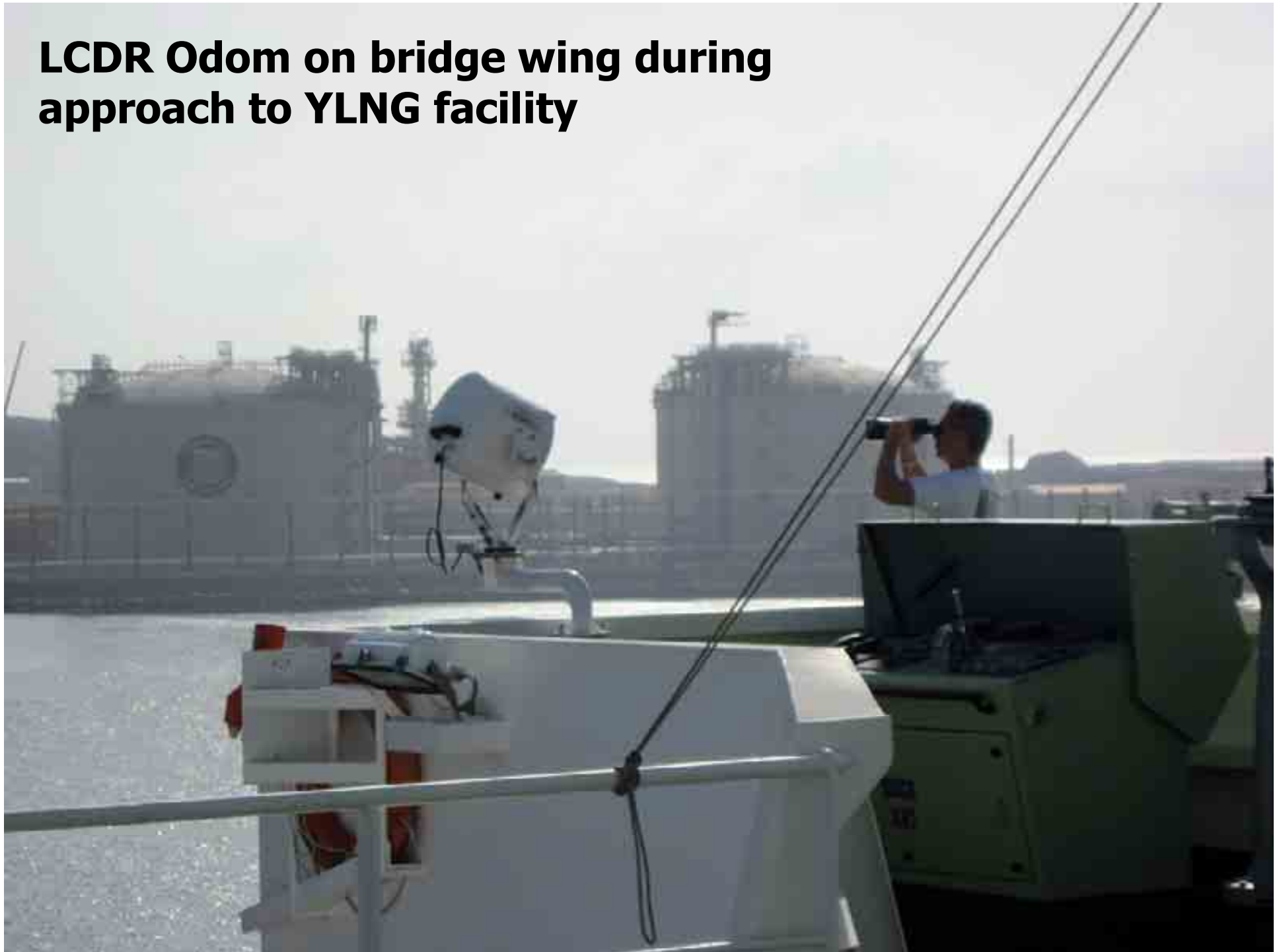
**Yemen Navy Escort Boat.
Also provided water side force protection while at
YLNG facility.**



**Approaching YLNG facility jetty;
loading arms are .5 NM off-shore**

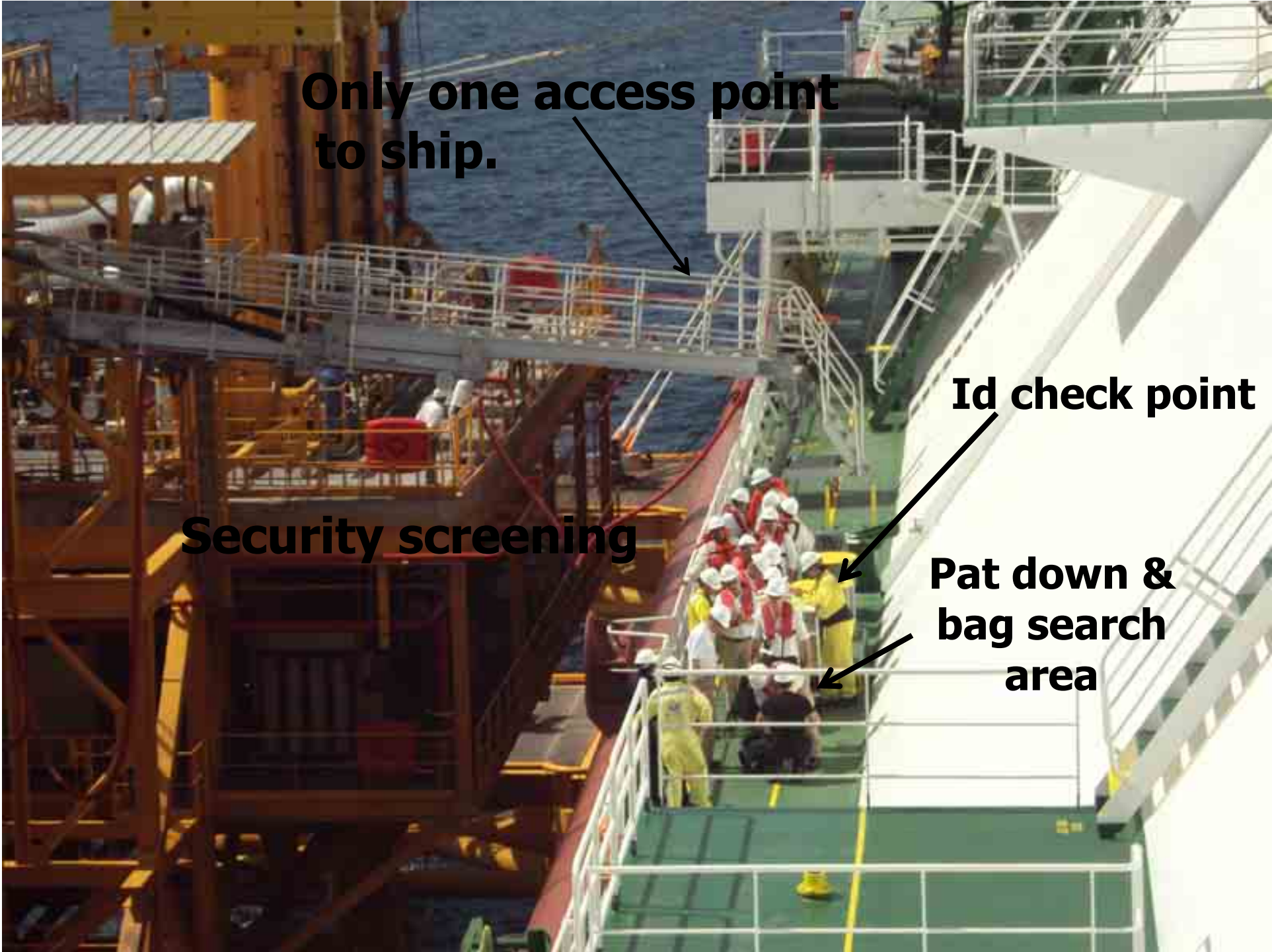


LCDR Odom on bridge wing during approach to YLNG facility



**Maran Gas Coronis moored
along side the YLNG jetty.**





Only one access point to ship.

Security screening

Id check point

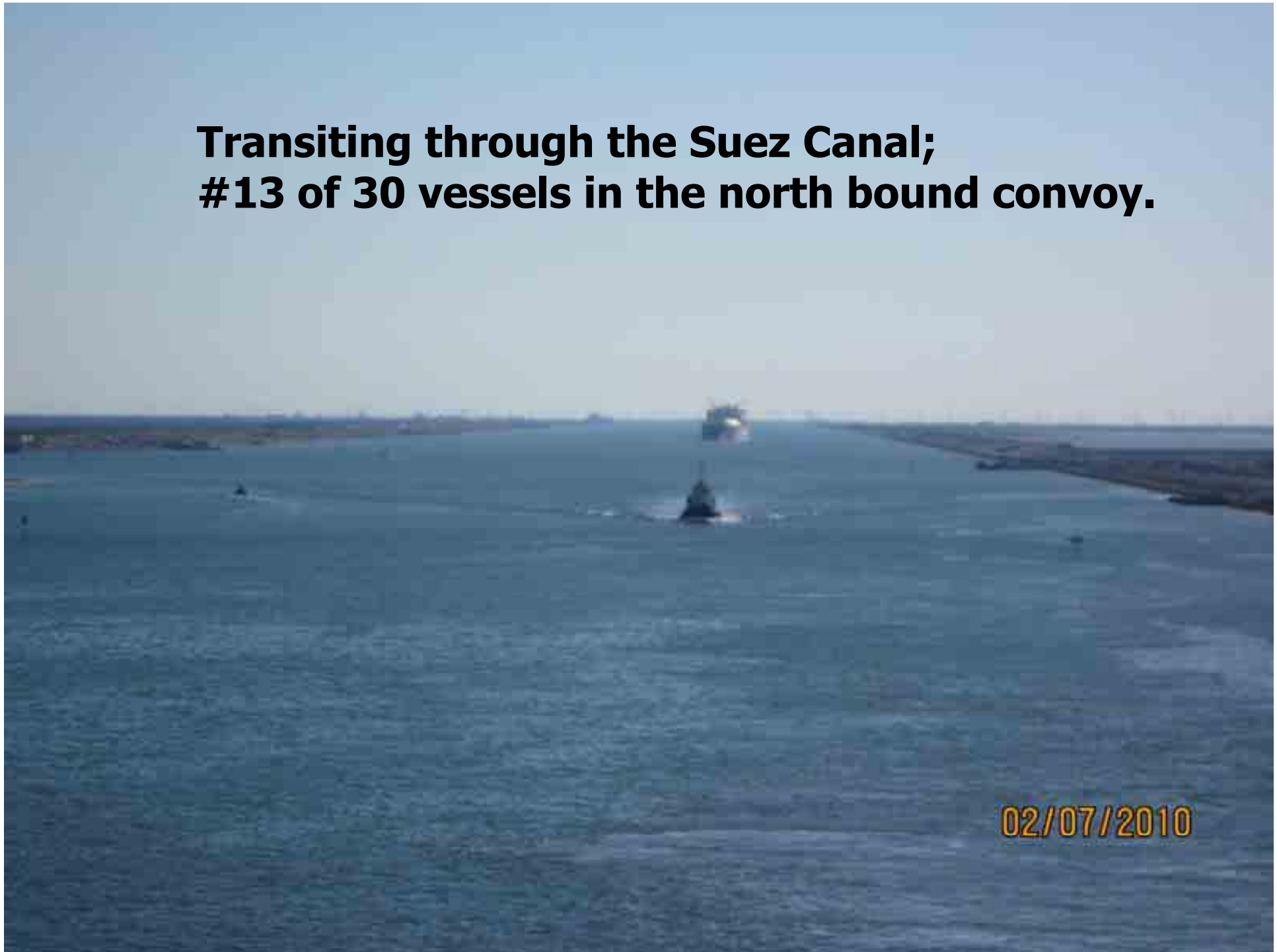
Pat down & bag search area

YLNG small boat patrolling the Marine Exclusion Zone during cargo operations.



**Transiting through the Suez Canal;
#13 of 30 vessels in the north bound convoy.**

02/07/2010



Algeciras Spain/ Gibraltar Anchorage

02/12/2010



Hydrex Technologies Dive Boat





02/12/2010



02/12/2010

Voice Communications

Video Display & Recorder

02/12/2010





