Wherever you go

Evolution of the LNG industry in the US

- Insights from a Ship's Agent

John Reynolds
Chairman & CEO, GAC-RUR

Wherever you go

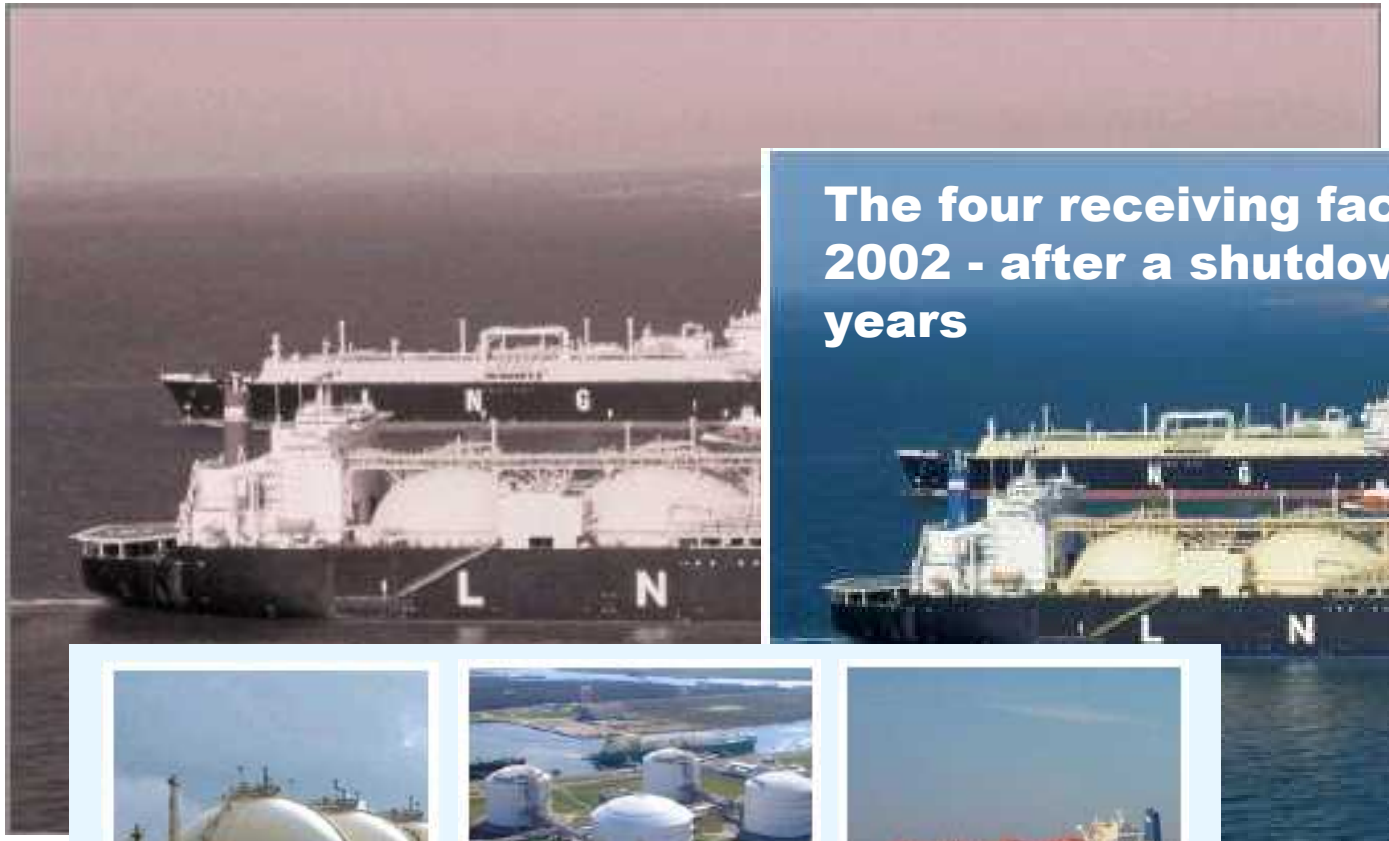
About GAC Group

An Expanding Global Force

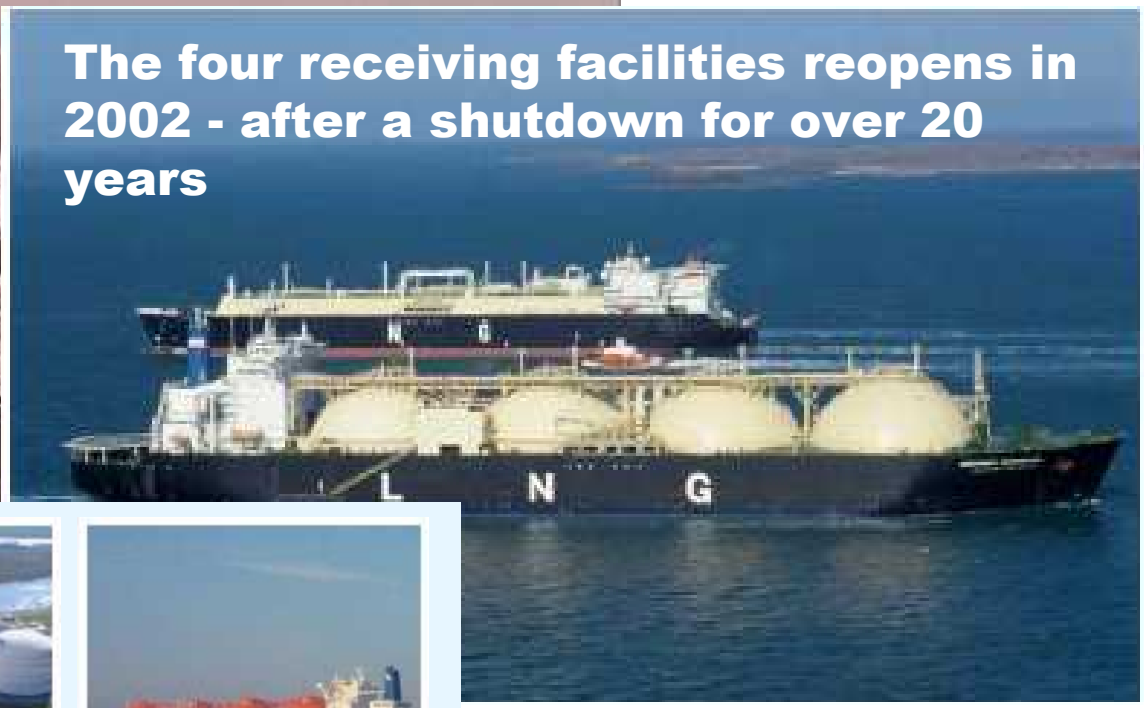
- Established since 1956
- Offers integrated logistics, shipping and marine services and solutions
- Over 250 offices worldwide in over 50 countries
- Staff strength of over 7,500
- GAC-RUR is the result of GAC's acquisition of Rice, Unruh and Reynolds in 2005.

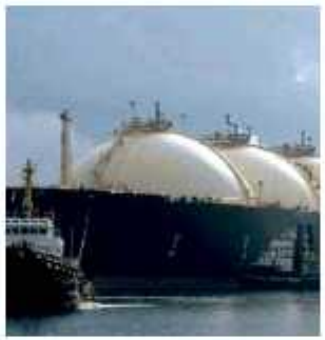
Wherever you go

Flashback on the US LNG industry



The four receiving facilities reopens in 2002 - after a shutdown for over 20 years





Wherever you go

Rising to the occasion

- Public speaking
- Risk assessment / review of operating plans
- Economic impact studies
- Testimony at public and government hearings
- Political contacts in state government
- Media relations
- Members of review committees and study groups
- Emergency response plans

Wherever you go

Cove Point Maryland

Wherever you go

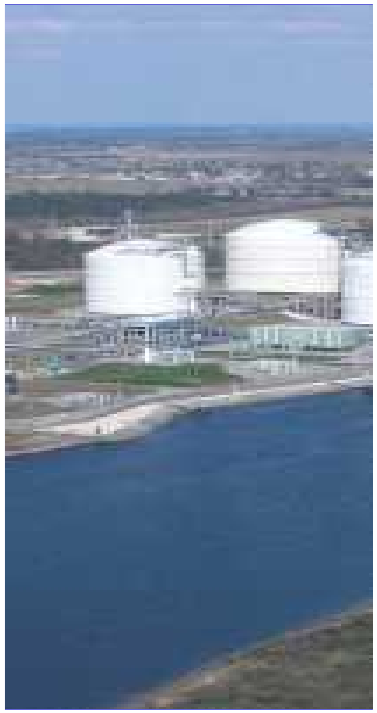
Elba Island, Savannah Georgia

Wherever you go

Boston, Massachusetts

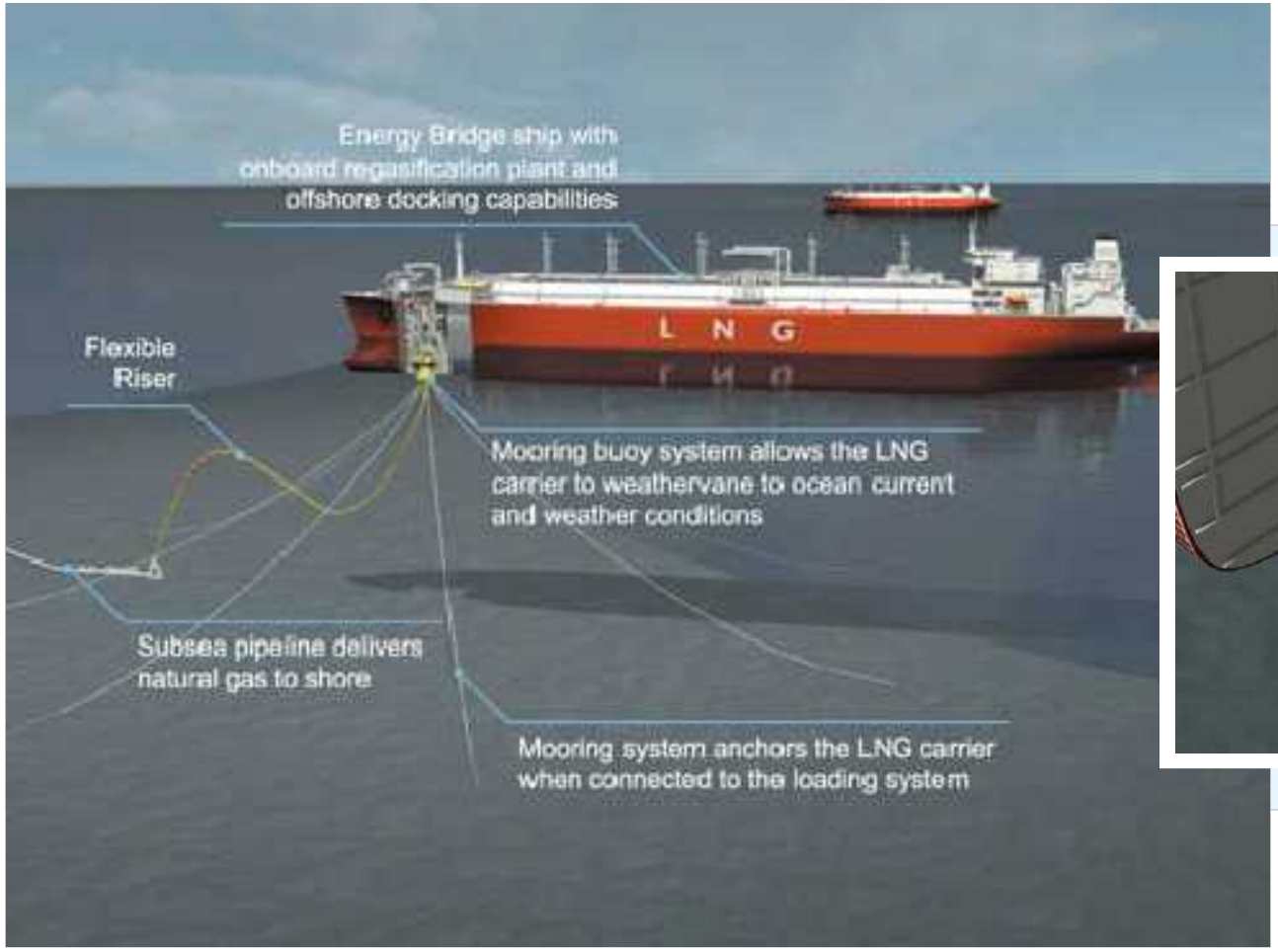
Wherever you go

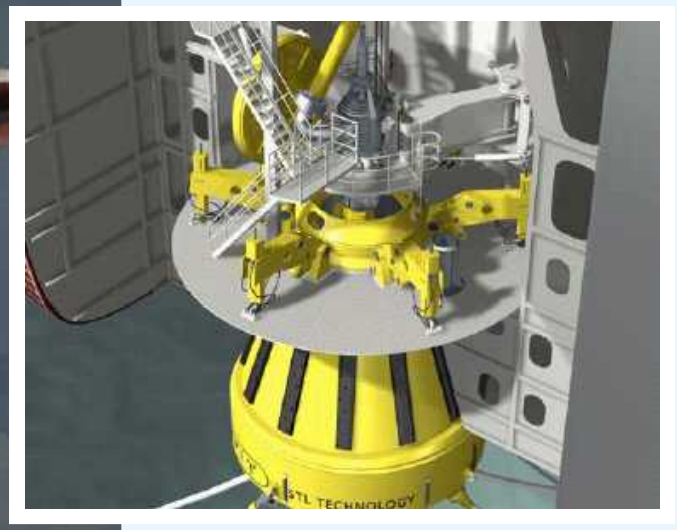
Lake Charles, Louisiana



Wherever you go

Fifth facility: Excelerate energy bridge





Wherever you go

Challenges & Implications

Environmental Lobbying

British Petroleum's Crown Landing LNG project on the Delaware River

Wherever you go

Challenges & Implications

Environmental Lobbying

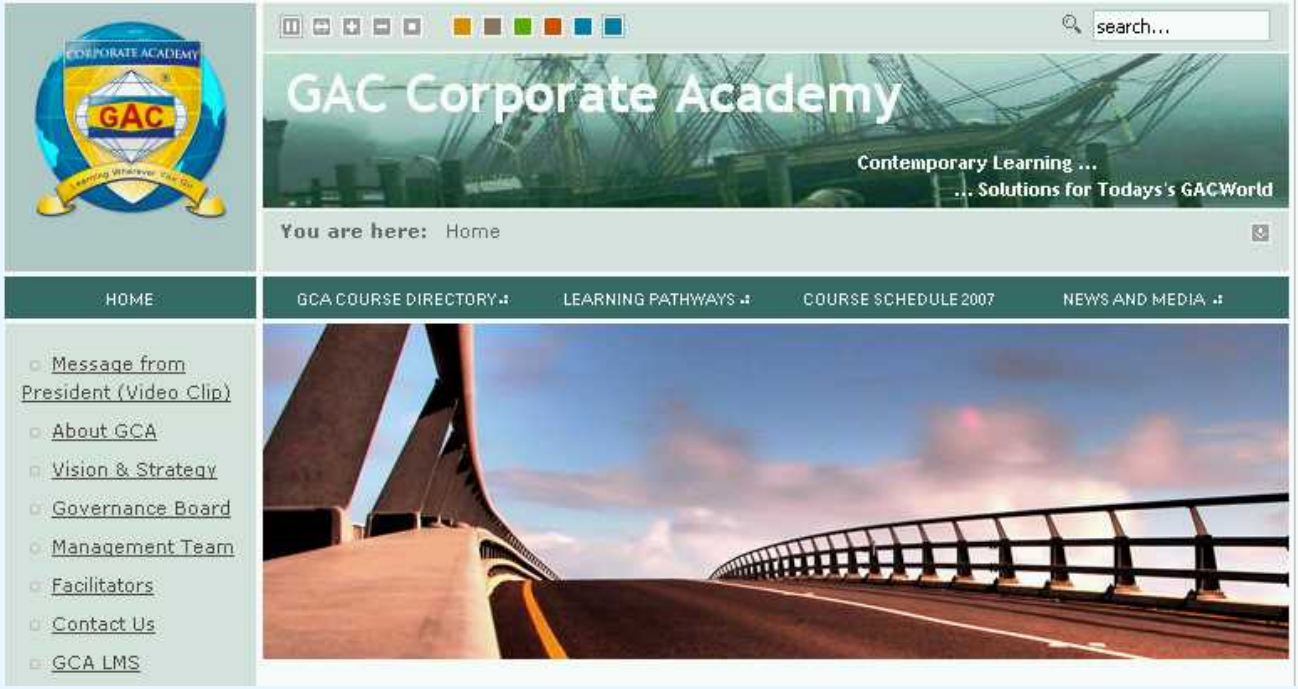
British Petroleum's Crown Landing LNG project on the Delaware River

Wherever you go

Challenges & Implications

Staff Recruitment & Training

GAC Corporate Academy

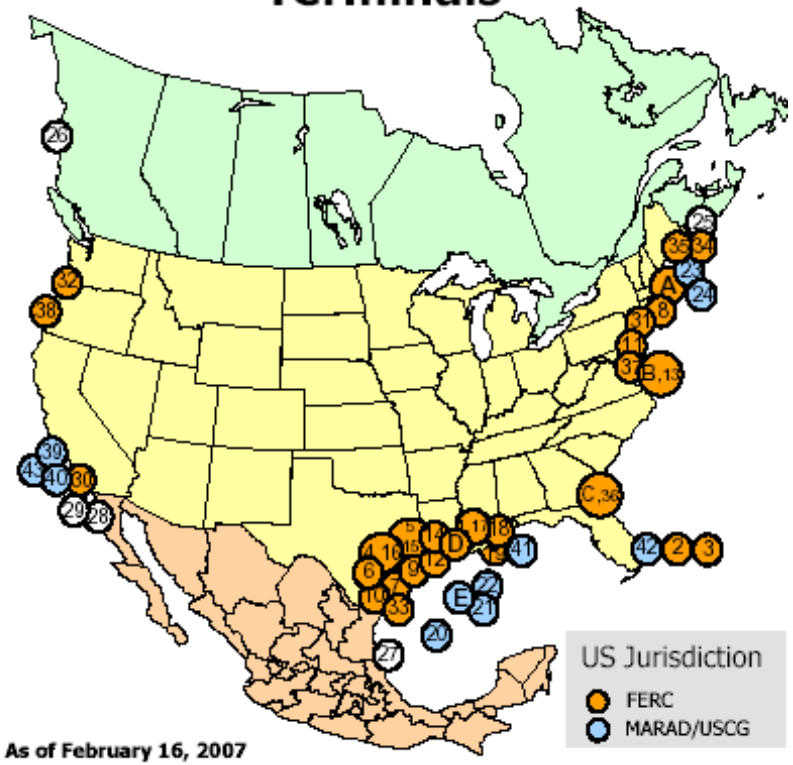


Wherever you go

Future Outlook

FERC

Existing and Proposed North American LNG Terminals



As of February 16, 2007

* US pipeline approved; LNG terminal pending in Bahamas
** Construction suspended

Office of Energy Projects

CONSTRUCTED

A. Everett, MA : 1.035 Bcfd (DOMAC - SUEZ LNG)
B. Cove Point, MD : 1.0 Bcfd (Dominion - Cove Point LNG)
C. Elba Island, GA : 1.2 Bcfd (El Paso - Southern LNG)
D. Lake Charles, LA : 2.1 Bcfd (Southern Union - Trunkline LNG)
E. Gulf of Mexico: 0.5 Bcfd (Gulf Gateway Energy Bridge - Excelerate Energy)

APPROVED BY FERC

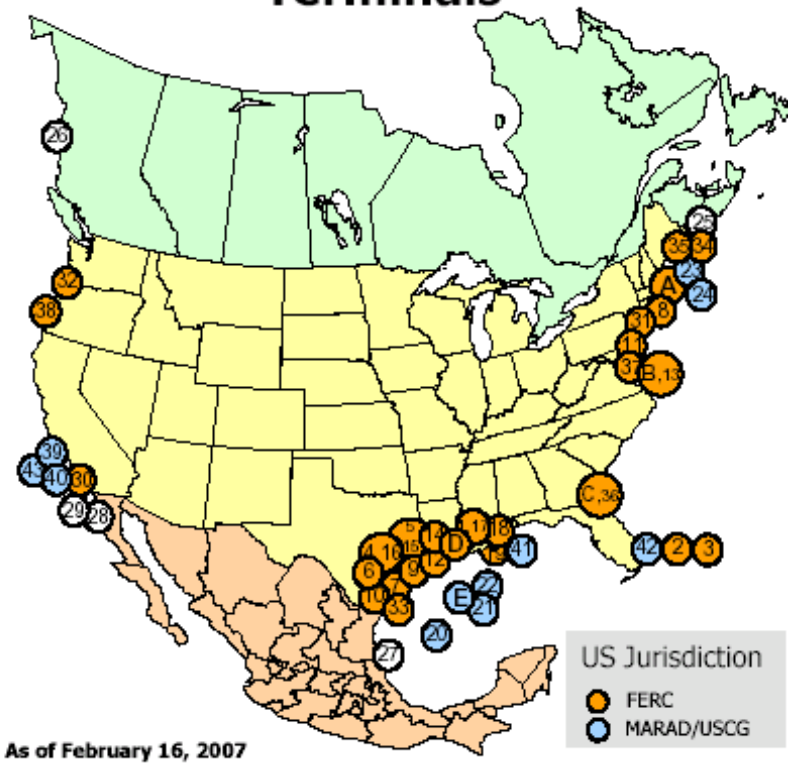
1. Hackberry, LA : 1.5 Bcfd (Cameron LNG - Sempra Energy)
2. Bahamas : 0.84 Bcfd (AES Ocean Express)*
3. Bahamas : 0.83 Bcfd (Calypso Tractebel)*
4. Freeport, TX : 1.5 Bcfd (Cheniere/Freeport LNG Dev.)
5. Sabine, LA : 2.6 Bcfd (Sabine Pass Cheniere LNG)
6. Corpus Christi, TX: 2.6 Bcfd (Cheniere LNG)
7. Corpus Christi, TX : 1.1 Bcfd (Vista Del Sol - ExxonMobil)
8. Fall River, MA : 0.8 Bcfd (Weaver's Cove Energy/Hess LNG)
9. Sabine, TX : 2.0 Bcfd (Golden Pass - ExxonMobil)
10. Corpus Christi, TX: 1.0 Bcfd (Ingleside Energy - Occidental Energy Ventures)**
11. Logan Township, NJ : 1.2 Bcfd (Crown Landing LNG - BP)
12. Port Arthur, TX: 3.0 Bcfd (Sempra Energy)
13. Cove Point, MD : 0.8 Bcfd (Dominion)
14. Cameron, LA: 3.3 Bcfd (Creole Trail LNG - Cheniere LNG)
15. Sabine, LA: 1.4 Bcfd (Sabine Pass Cheniere LNG - Expansion)
16. Freeport, TX: 2.5 Bcfd (Cheniere/Freeport LNG Dev. - Expansion)
17. Hackberry, LA : 1.15 Bcfd (Cameron LNG - Sempra Energy - Expansion)
18. Pascagoula, MS: 1.5 Bcfd (Gulf LNG Energy LLC)
19. Pascagoula, MS: 1.3 Bcfd (Bayou Casotte Energy LLC - ChevronTexaco)

Wherever you go

Future Outlook

FERC

Existing and Proposed North American LNG Terminals



As of February 16, 2007

* US pipeline approved; LNG terminal pending in Bahamas
** Construction suspended

Office of Energy Projects

APPROVED BY MARAD/COAST GUARD
20. Port Pelican: 1.6 Bcfd (Chevron Texaco)
21. Louisiana Offshore : 1.0 Bcfd (Gulf Landing - Shell)
22. Offshore Louisiana : 1.0 Bcfd (Main Pass McMoRan Exp.)
23. Offshore Boston: 0.4 Bcfd (Neptune LNG - SUEZ LNG)
24. Offshore Boston: 0.8 Bcfd (Northeast Gateway - Excelerate Energy)
CANADIAN APPROVED TERMINALS
25. St. John, NB : 1.0 Bcfd (Canaport - Irving Oil/Repsol)
26. Kitimat, BC: 1.0 Bcfd (Kitimat LNG - Galveston LNG)
MEXICAN APPROVED TERMINALS
27. Altamira, Tamulipas : 0.7 Bcfd (Shell/Total/Mitsui)
28. Baja California, MX : 1.0 Bcfd (Energia Costa Azul - Sempra Energy)
29. Baja California - Offshore : 1.4 Bcfd (Chevron Texaco)
PROPOSED TO FERC
30. Long Beach, CA : 0.7 Bcfd, (Mitsubishi/ConocoPhillips - Sound Energy Solutions)
31. LI Sound, NY: 1.0 Bcfd (Broadwater Energy - TransCanada/Shell)
32. Bradwood, OR: 1.0 Bcfd (Northern Star LNG - Northern Star Natural Gas LLC)
33. Port Lavaca, TX: 1.0 Bcfd (Calhoun LNG - Gulf Coast LNG Partners)
34. Pleasant Point, ME : 2.0 Bcfd (Quoddy Bay, LLC)
35. Robbinston, ME: 0.5 Bcfd (Downeast LNG - Kestrel Energy)
36. Elba Island, GA: 0.9 Bcfd (El Paso - Southern LNG)
37. Baltimore, MD: 1.5 Bcfd (AES Sparrows Point – AES Corp.)
38. Coos Bay, OR: 1.0 Bcfd (Jordan Cove Energy Project)
PROPOSED TO MARAD/COAST GUARD
39. Offshore California : 1.5 Bcfd (Cabrillo Port - BHP Billiton)
40. Offshore California : 0.5 Bcfd, (Clearwater Port LLC - NorthernStar NG LLC)
41. Gulf of Mexico: 1.4 Bcfd (Bienville Offshore Energy Terminal - TORP)
42. Offshore Florida: 1.9 Bcfd (SUEZ Calypso - SUEZ LNG)
43. Offshore California: 1.2 Bcfd (OceanWay - Woodside Natural Gas)

Wherever you go

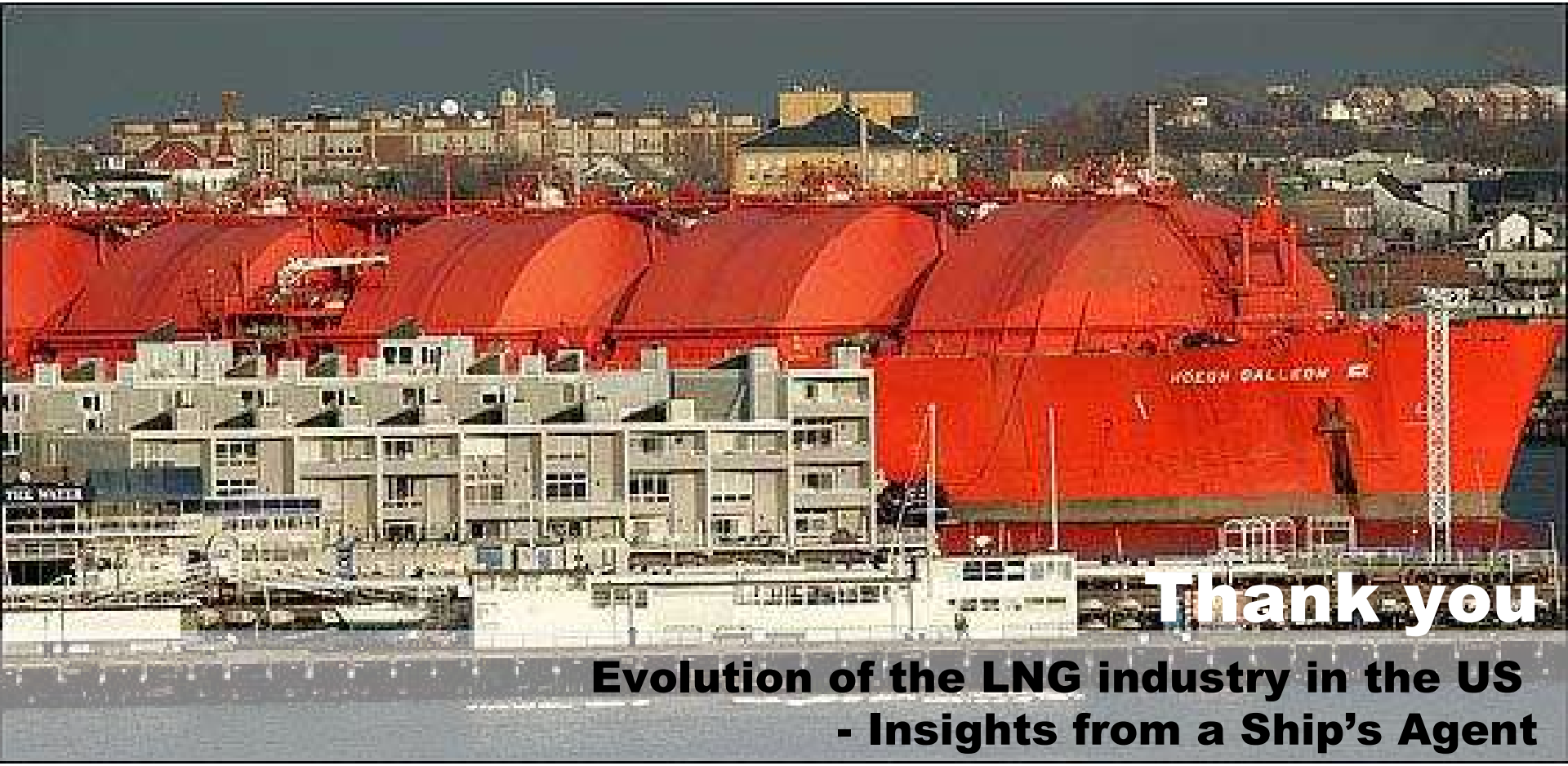
The Fuel of the Future, but...

More should be done to address :

- **Public opinion**
- **Safety and security**

Emergence of the 21st century ship's agent

Wherever you go



Thank you

Evolution of the LNG industry in the US - Insights from a Ship's Agent

John Reynolds
Chairman & CEO, GAC-RUR