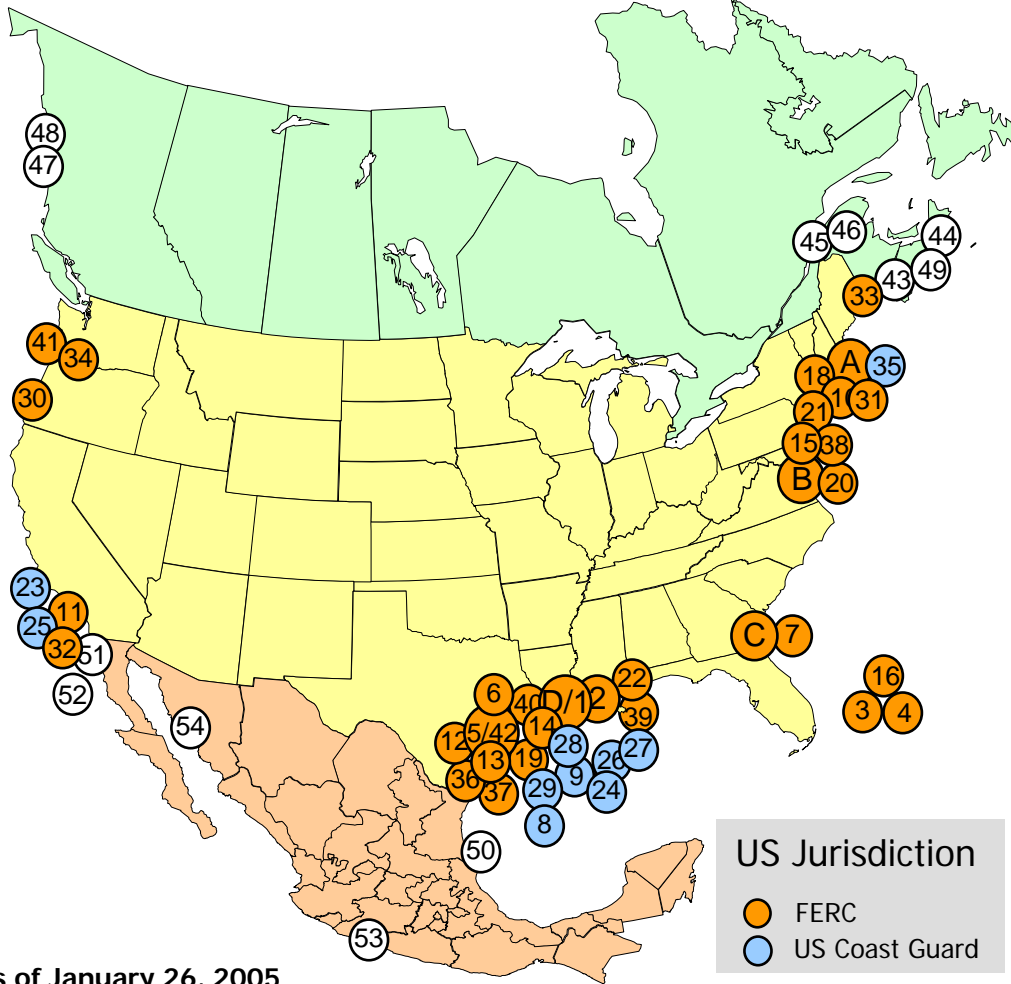


LNG Community Awareness Workshop



LNG Project Update
Robert Cupina, Deputy Director
Office of Energy Projects
2-2-05

Existing, Proposed and Potential North American LNG Terminals



As of January 26, 2005

* US pipeline approved; LNG terminal pending in Bahamas
 ** These projects have been approved by the Mexican and Canadian authorities

Constructed

- A. Everett, MA : 1.035 Bcf/d (Tractebel - DOMAC)
- B. Cove Point, MD : 1.0 Bcf/d (Dominion - Cove Point LNG)
- C. Elba Island, GA : 0.68 Bcf/d (El Paso - Southern LNG)
- D. Lake Charles, LA : 1.0 Bcf/d (Southern Union - Trunkline LNG)

Approved by FERC

- 1. Lake Charles, LA: 1.1 Bcf/d (Southern Union - Trunkline LNG)
- 2. Hackberry, LA : 1.5 Bcf/d, (Sempra Energy)
- 3. Bahamas : 0.84 Bcf/d, (AES Ocean Express)*
- 4. Bahamas : 0.83 Bcf/d, (Calypso Tractebel)*
- 5. Freeport, TX : 1.5 Bcf/d, (Cheniere/Freeport LNG Dev.)
- 6. Sabine, LA : 2.6 Bcf/d (Cheniere LNG)
- 7. Elba Island, GA: 0.54 Bcf/d (El Paso - Southern LNG)

Approved by MARAD/Coast Guard

- 8. Port Pelican: 1.6 Bcf/d, (Chevron Texaco)
- 9. Gulf of Mexico: 0.5 Bcf/d, (El Paso Energy Bridge GOM, LLC)

Proposed to FERC

- 10. Fall River, MA : 0.8 Bcf/d, (Weaver's Cove Energy/Hess LNG)
- 11. Long Beach, CA : 0.7 Bcf/d, (Mitsubishi/ConocoPhillips - Sound Energy Solutions)
- 12. Corpus Christi, TX : 2.6 Bcf/d, (Cheniere LNG)
- 13. Corpus Christi, TX : 1.0 Bcf/d (Vista Del Sol - ExxonMobil)
- 14. Sabine, TX : 1.0 Bcf/d (Golden Pass - ExxonMobil)
- 15. Logan Township, NJ : 1.2 Bcf/d (Crown Landing LNG - BP)
- 16. Bahamas : 0.5 Bcf/d, (Seafarer - El Paso/FPL)
- 17. Corpus Christi, TX: 1.0 Bcf/d (Ingleside Energy - Occidental Energy Ventures)
- 18. Providence, RI : 0.5 Bcf/d (Keyspan & BG LNG)
- 19. Port Arthur, TX: 1.5 Bcf/d (Sempra)
- 20. Cove Point, MD : 0.8 Bcf/d (Dominion)
- 21. LI Sound, NY: 1.0 Bcf/d (Broadwater Energy - TransCanada/Shell)
- 22. Pascagoula, MS: 1.0 Bcf/d (Gulf LNG Energy LLC)

Proposed to MARAD/Coast Guard

- 23. California Offshore: 1.5 Bcf/d (Cabrillo Port - BHP Billiton)
- 24. Louisiana Offshore : 1.0 Bcf/d (Gulf Landing - Shell)
- 25. So. California Offshore : 0.5 Bcf/d, (Crystal Energy)
- 26. Louisiana Offshore : 1.0 Bcf/d (Main Pass McMoran Exp.)
- 27. Gulf of Mexico: 1.0 Bcf/d (Compass Port - ConocoPhillips)
- 28. Gulf of Mexico: 2.8 Bcf/d (Pearl Crossing - ExxonMobil)
- 29. Gulf of Mexico: 1.5 Bcf/d (Beacon Port Clean Energy Terminal - ConocoPhillips)

Potential Sites Identified by Project Sponsors

- 30. Coos Bay, OR: 0.13 Bcf/d, (Energy Projects Development)
- 31. Somerset, MA : 0.65 Bcf/d (Somerset LNG)
- 32. California - Offshore : 0.75 Bcf/d, (Chevron Texaco)
- 33. Pleasant Point, ME : 0.5 Bcf/d (Quoddy Bay, LLC)
- 34. St. Helens, OR: 0.7 Bcf/d (Port Westward LNG LLC)
- 35. Offshore Boston, MA: 0.8 Bcf/d (Northeast Gateway - Excelerate Energy)
- 36. Galveston, TX: 1.2 Bcf/d (Pelican LNG - BP)
- 37. Port Lavaca, TX: 1.0 Bcf/d (Calhoun LNG - Gulf Coast LNG Partners)
- 38. Philadelphia, PA: 0.6 Bcf/d (Freedom Energy Center - PGW)
- 39. Pascagoula, MS: 1.3 Bcf/d (ChevronTexaco)
- 40. Cameron, LA: 3.3 Bcf/d (Creole Trail LNG - Cheniere LNG)
- 41. Astoria, OR: 1.0 Bcf/d (Skipanon LNG - Calpine)
- 42. Freeport, TX : 1.5 Bcf/d, (Cheniere/Freeport LNG Dev. - Expansion)

Canadian Approved and Potential Terminals

- 43. St. John, NB : 1.0 Bcf/d, (Canaport - Irving Oil)**
- 44. Point Tupper, NS 1.0 Bcf/d (Bear Head LNG - Anadarko)**
- 45. Quebec City, QC : 0.5 Bcf/d (Project Rabaska - Enbridge/Gaz Met/Gaz de France)
- 46. Rivière-du- Loup, QC: 0.5 Bcf/d (Cacouna Energy - TransCanada/PetroCanada)
- 47. Kitimat, BC: 0.34 Bcf/d (Galveston LNG)
- 48. Prince Rupert, BC: 0.30 Bcf/d (WestPac Terminals)
- 49. Goldboro, NS 1.0 Bcf/d (Keltic Petrochemicals)

Mexican Approved and Potential Terminals

- 50. Altamira, Tamulipas : 1.12 Bcf/d, (Shell)**
- 51. Baja California, MX : 1.0 Bcf/d, (Sempra & Shell)**
- 52. Baja California - Offshore : 1.4 Bcf/d, (Chevron Texaco)
- 53. Lázaro Cárdenas, MX : 0.5 Bcf/d (Tractebel/Repsol)
- 54. Puerto Libertad, MX: 1.3 Bcf/d (Sonora Pacific LNG)

LNG Project Status - Approved Projects*



Applications Approved:

- Sempra, Cameron LNG (CP02-374) #2
- AES, Ocean Express Pipeline (CP02-90) #3
- Tractebel, Calypso Pipeline (CP01-409) #4
- Freeport LNG (CP03-75) #5
- Trunkline, Lake Charles Expansion (CP02-60) #1
- Cheniere LNG - Sabine, LA (CP04-47) #6
- Southern LNG – Elba Island (CP02-380) #7

Status of Construction

Underway,
Pending Amendment

Pending Amendment

Pending

Construction Clearance
Authorized

Underway,
Service 4th Q '05

Pending

Underway

* Status as of January 26, 2005



Onshore LNG Project Status*

Pre-Filing:

- Sempra, Port Arthur (PF04-11) #19
- Dominion, Cove Point (PF04-15) #20
- Broadwater, LI Sound (PF05-04) #21
- Gulf Energy, Pascagoula (PF05-05) #22

* Status as of January 26, 2005



Onshore LNG Project Status*

Applications Filed:

- **Working on DEIS**

- Sound Energy Solutions, Long Beach (PF03-6, CP04-58) #11
- Exxon Mobil, Golden Pass (PF04-1, CP04-386) #14
- BP, Crown Landing (PF04-2, CP04-411) #15
- Ingleside/Occidental, Corpus Christi (CP05-11) #17

* Status as of January 26, 2005



Onshore LNG Project Status*

Applications Filed:

- **Working on FEIS**
 - Weaver's Cove (CP04-36) #10
 - Cheniere, Corpus Christi (CP04-37) #12
 - Exxon Mobil, Vista del Sol (CP04-405) #13
 - Keyspan, Providence (CP04-223) #18

* Status as of January 26, 2005

LNG Project Status - Associated Pipelines*



Pre-Filing:

- El Paso, Seafarer (PF04-08) #16

Applications Filed:

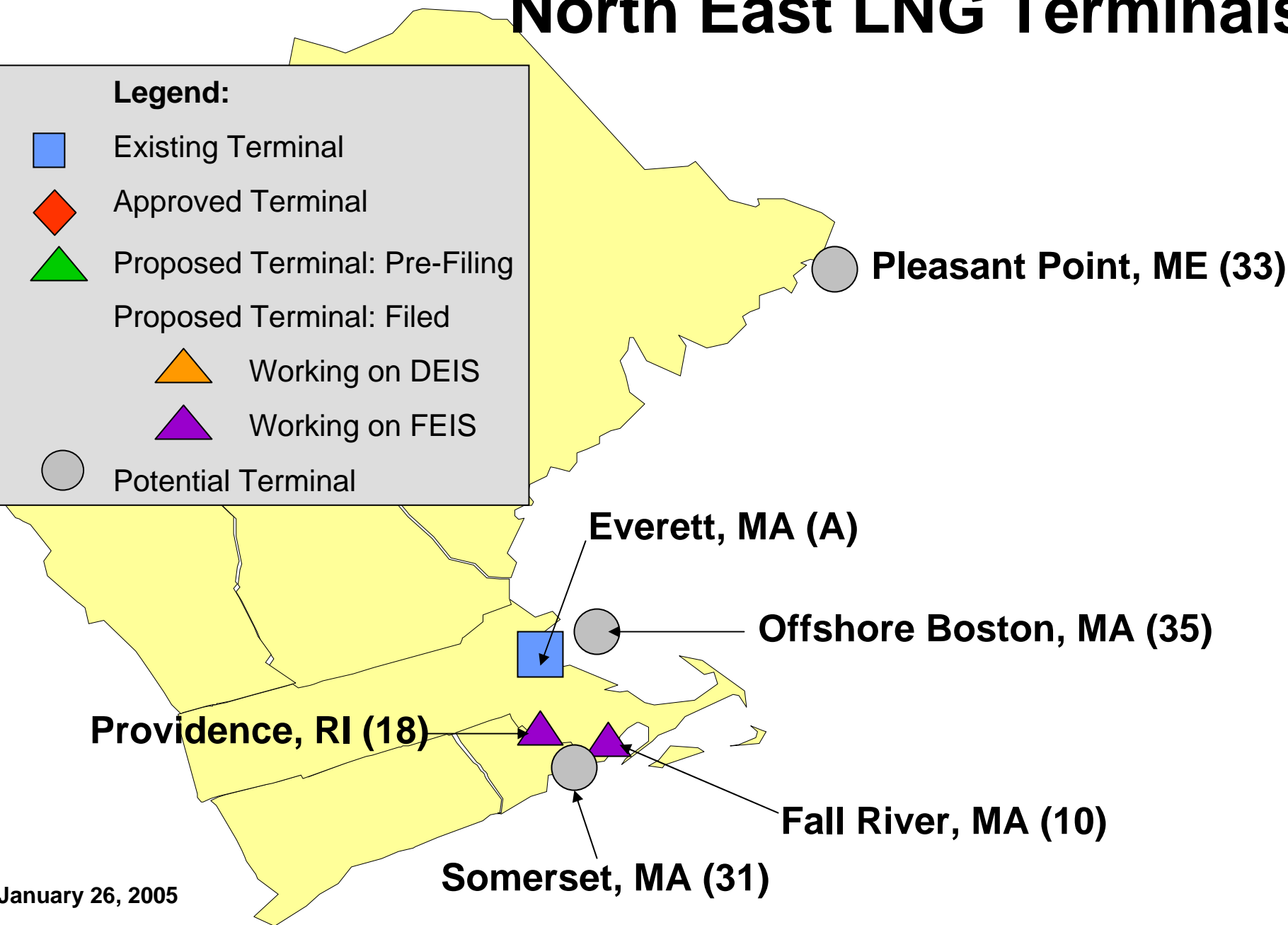
- **Working on DEIS with USCG**
 - Freeport-McMoran, Main Pass (CP04-68) #26
 - Conoco Phillips, Compass Port (CP04-114) #27
 - Exxon Mobil, Pearl Crossing (CP04-374) #28

* Status as of January 26, 2005

North East LNG Terminals

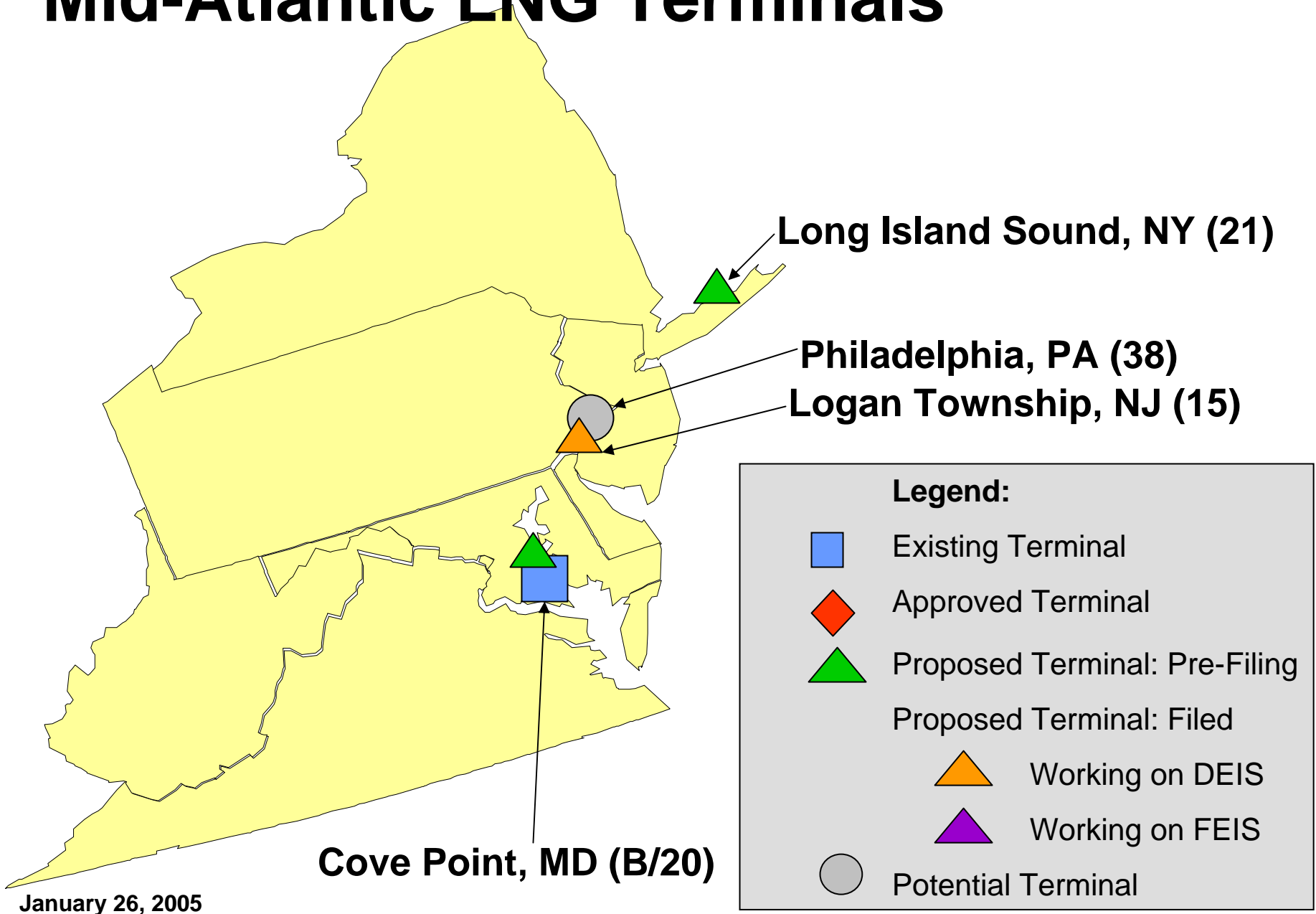
Legend:

- Existing Terminal
- Approved Terminal
- Proposed Terminal: Pre-Filing
- Proposed Terminal: Filed
 - Working on DEIS
 - Working on FEIS
- Potential Terminal

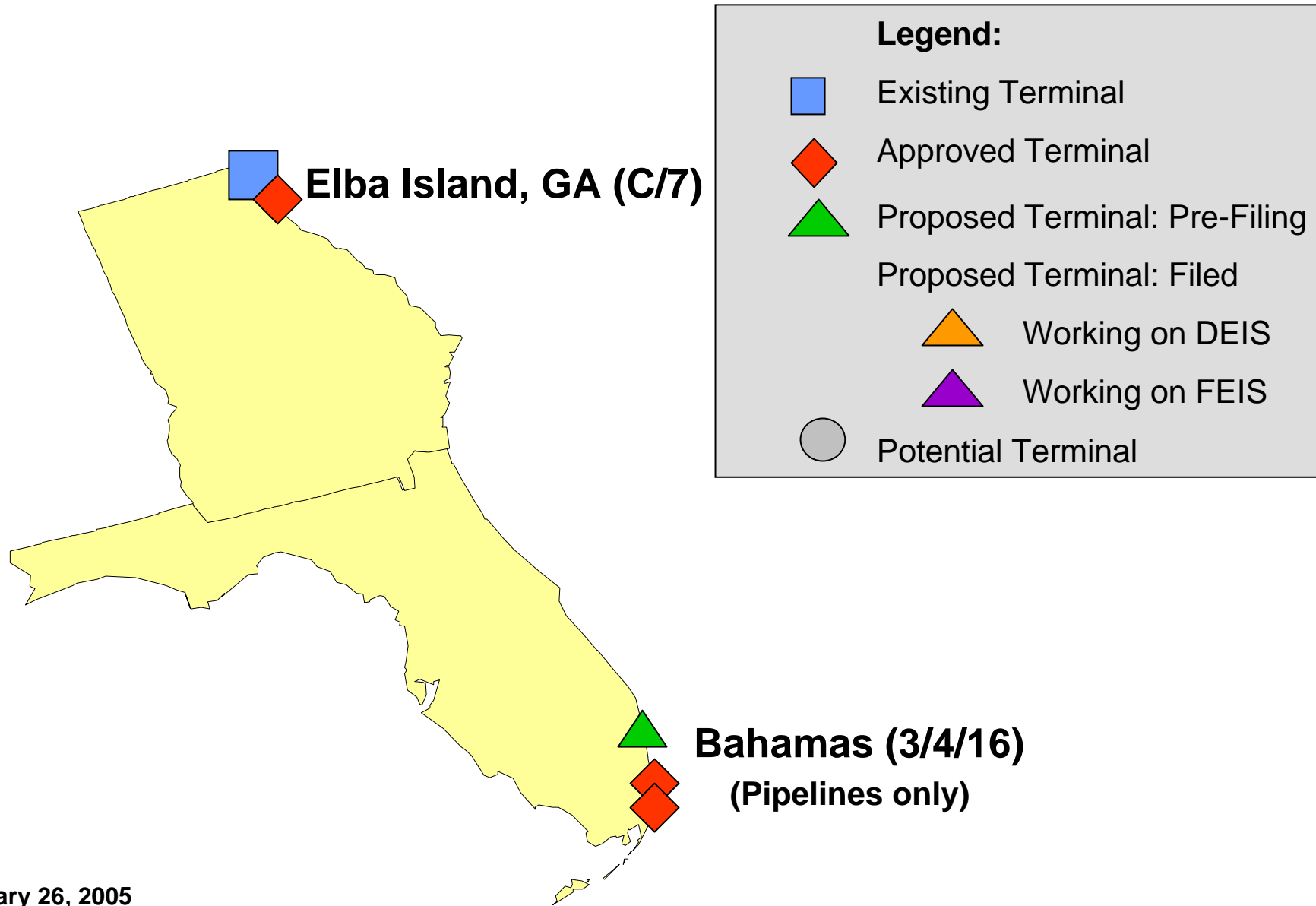


January 26, 2005

Mid-Atlantic LNG Terminals



South East LNG Terminals

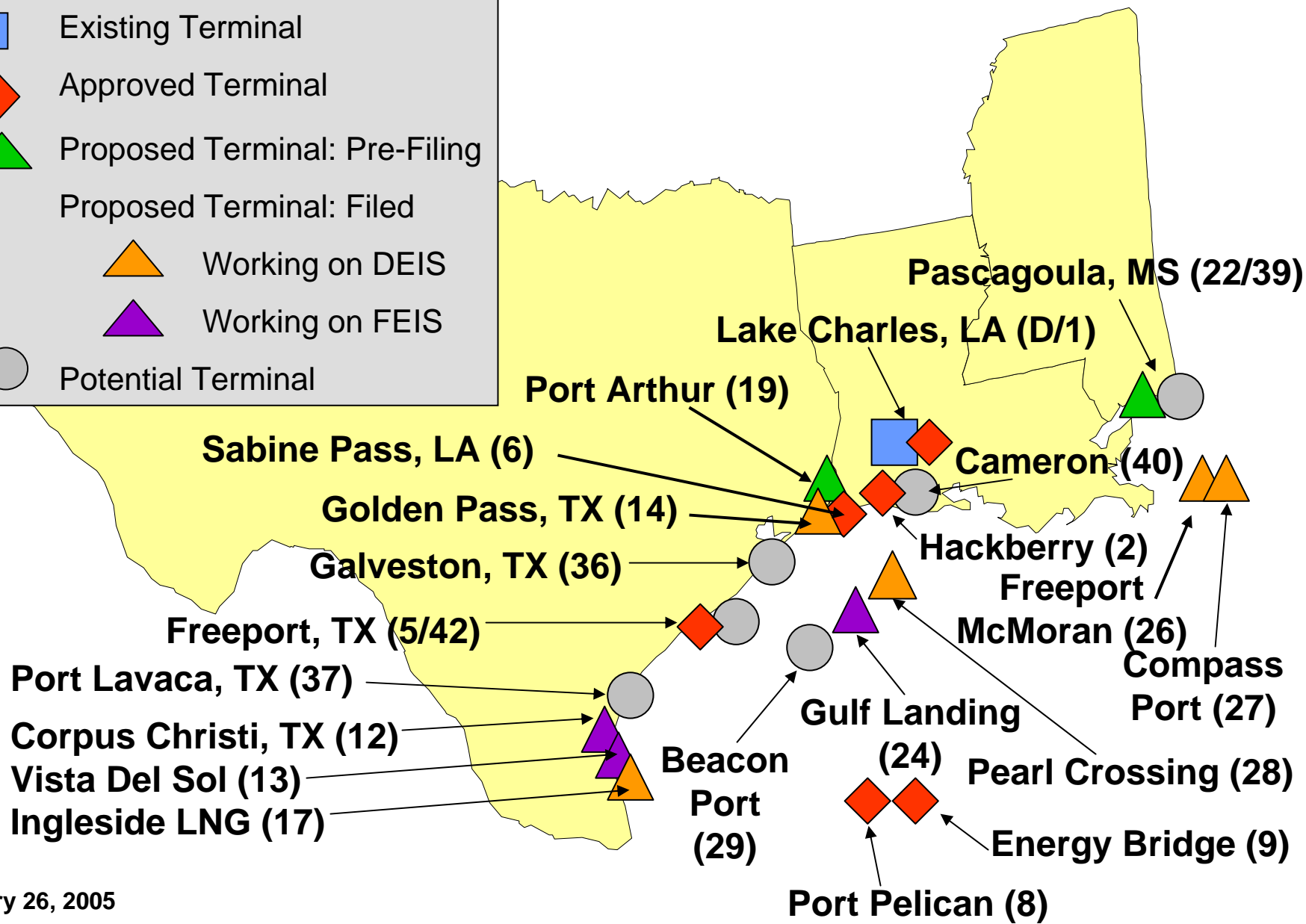


January 26, 2005

Gulf Coast LNG Terminals

Legend:








- Existing Terminal
- ◆ Approved Terminal
- ▲ Proposed Terminal: Pre-Filing
- Proposed Terminal: Filed
- ▲ Working on DEIS
- ▲ Working on FEIS
- Potential Terminal

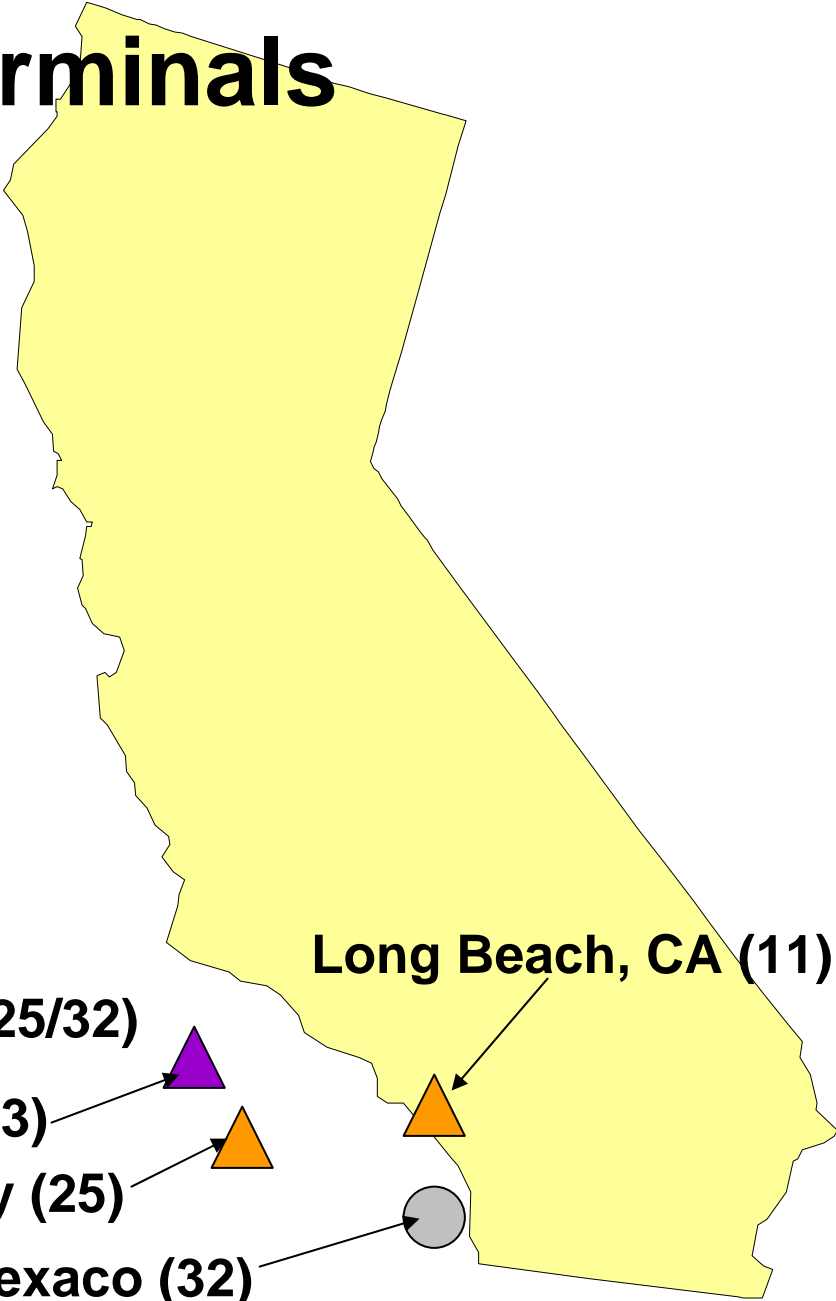


January 26, 2005

Southwest LNG Terminals

Legend:

-  Existing Terminal
-  Approved Terminal
-  Proposed Terminal: Pre-Filing
-  Proposed Terminal: Filed
-  Working on DEIS
-  Working on FEIS
-  Potential Terminal



California Offshore (23/25/32)

BHP Billiton (23)

Crystal Energy (25)

Chevron Texaco (32)

Long Beach, CA (11)

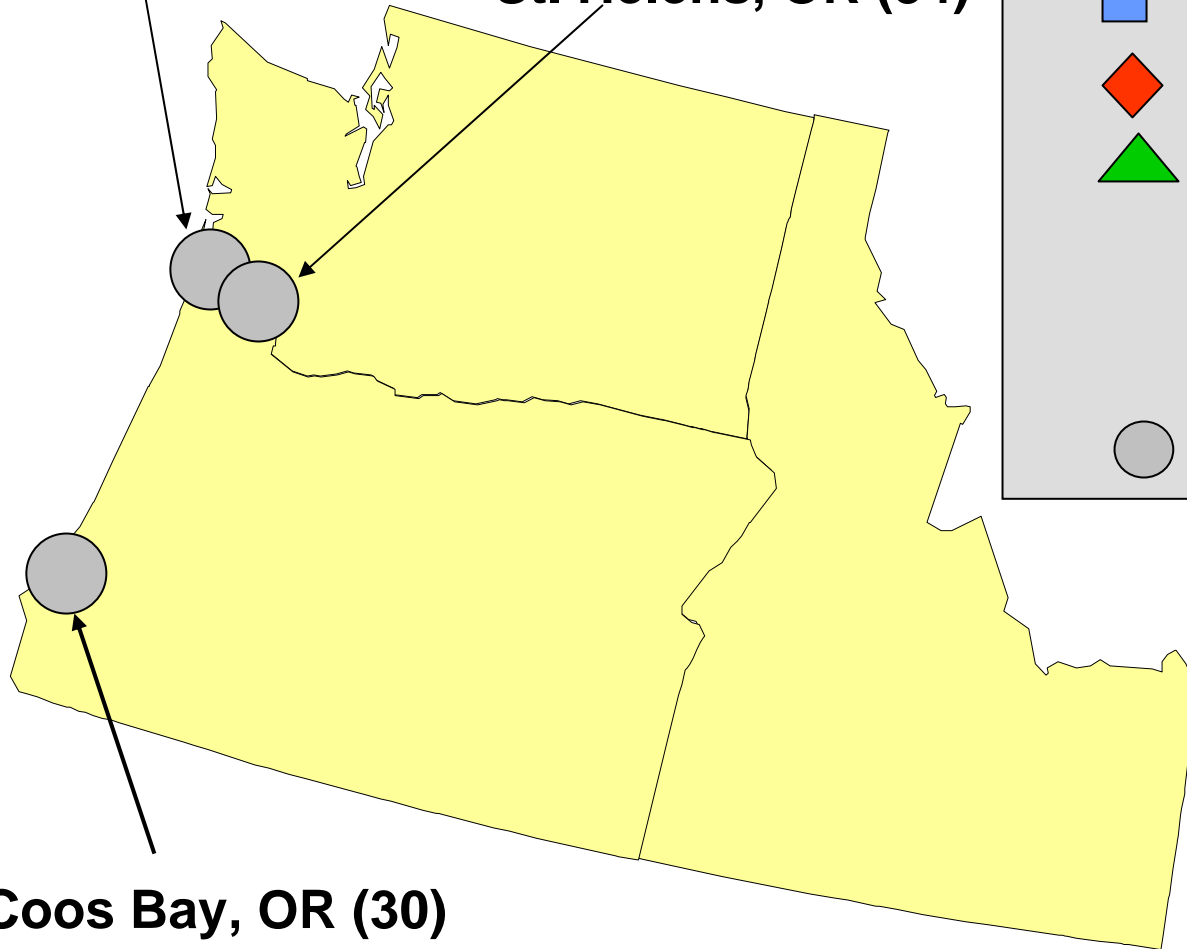
January 26, 2005

North West LNG Terminals

Astoria, OR (41)

St. Helens, OR (34)

Coos Bay, OR (30)



Legend:



Existing Terminal



Approved Terminal



Proposed Terminal: Pre-Filing

Proposed Terminal: Filed



Working on DEIS



Working on FEIS



Potential Terminal

January 26, 2005