GULF COAST LNG, LLC.
BROWNSVILLE, TEXAS
Location

Brownsville

Panama Canal
Gulf Coast Terminal Description

- The Gulf Coast Liquefaction terminal is proposed to includes the following facilities:
  - Two to three full-containment 160,000 m³ LNG storage tanks
  - 42” Downstream pipeline system
  - 2 State-of-the-art marine dock facilities capable of handling up to Pan-max sized LNG ships each
  - Up to 3 API Liquefaction Units, ±700MMCF/d each
Brownsville Ship Channel

559 Acre Site

14 Mile Ship Channel

Spoil Area
500 Acre Site
Possible Configuration

Possible Configuration

PORT OF BROWNSVILLE
WORLD CLASS

GULF COAST LNG, LLC.
BROWNSVILLE, TEXAS

Storage Dock Area Turning Basin

Treating Liquefaction Storage
Liquefaction Storage

Gulf Coast
### Standard LNG Vessels

<table>
<thead>
<tr>
<th>Vessel Type</th>
<th>Length (m)</th>
<th>Beam (m)</th>
<th>Draft (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>138,000m³</td>
<td>915</td>
<td>139</td>
<td>37.63</td>
</tr>
<tr>
<td>151,296m³</td>
<td>947</td>
<td>144</td>
<td>37.80</td>
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<tr>
<td>171,045m³</td>
<td>951</td>
<td>150</td>
<td>39.27</td>
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<tr>
<td>Existing Panama Canal</td>
<td>956</td>
<td>106</td>
<td>39.50</td>
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<tr>
<td>New Panama Canal</td>
<td>1200</td>
<td>161</td>
<td>49.90</td>
</tr>
</tbody>
</table>
Global LNG Prices

Spot DES ($/MMBtu)

August 21, 2012

North America
HH $2.66

Europe
DES $9.50

Asia
JKM $12.50

Asia Contract
11-15% of Crude

September 11, 2012
With an LNG Vessel moving at 18.5 Knots, the extended route would take an additional 30 days and cost an additional $5,700,000 at an $80,000/day charter rate on a round trip basis. More ships would be required with each additional ship costing ±$220,000,000 each.
Investment

• Scope of a Three Train Liquefaction Project:
  o Capital Investment of $5-$6 Billion
  o Estimated Jobs
    • Construction – 3,000
    • Permanent – 250
    • Indirect Job Creation – 30,000-40,000 New American jobs by drilling for and production of natural gas required to support the export volumes.
  o Significant Economic Stimulus: Estimated to be $5.4-$7.8 billion per year from 2018-2040 or $135-$195 billion over 25 years.
  o Balance of Trade: Assuming $7.00/MMBtu value, exporting 2 BCF/d will improve the US balance of payments by ±$5.8 billion/year, or $146 billion over 25 years.
  o Environmental Benefits: gas is clean burning and will be a substitute for Coal
Thank You