GIIGNL presentation

UN ECE – Group of Experts on Gas – Geneva
January 20 & 21, 2015
## GIIGNL members as of 2014

<table>
<thead>
<tr>
<th>Zone</th>
<th>Countries</th>
<th>Full member</th>
<th>Associate member</th>
<th>total</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMERICAS</td>
<td>Chile (1), U.S.A. (6), Argentina (1), Canada (1)</td>
<td>7</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>ASIA</td>
<td>China (2), India (4), Japan (23), Korea (2), Chinese Taipei (1), Thailand (1), Indonesia (1), Singapore (1)</td>
<td>30</td>
<td>5</td>
<td>35</td>
</tr>
<tr>
<td>EUROPE</td>
<td>Belgium (1), Denmark (1), France (4), Germany (1), Greece (1), Italy (4), Norway (2), Poland (1), Portugal (2), Spain (3), The Netherlands (4), Turkey (1), United Kingdom (6)</td>
<td>26</td>
<td>5</td>
<td>31</td>
</tr>
<tr>
<td>total</td>
<td></td>
<td>63</td>
<td>12</td>
<td>75</td>
</tr>
</tbody>
</table>
GIIGNL organisation

- A President and three Vice-Presidents (Asia, Americas, Europe)

- An Executive Committee (12 companies)

- Two Study Groups (delegates from member companies)
  - Technical Study Group
    - Studies at the heart of the LNG industry interests: safety, custody transfer handbook, Retail LNG,…
    - Studies carried out directly by volunteer Member Companies
  
  - Commercial Study Group
    - Studies selected by the EC, and carried out directly by volunteer Member Companies

- Central office
Technical Study Group

On going Studies

- **Safety on LNG facilities**
  - LNG incident identification database
  - LNG fire fighting and incident training

- **LNG as Fuel / Retail LNG : GIIGNL is a key interface**
  - Produce a “Retail LNG handbook”, in order to define the access conditions to our terminals for trucks and ships.

Studies issued in 2014

- **CTHB : the 4th edition under finalization**
  - Including new markets developments : Small scale LNG transfer / Ship to ship transfer
  - Updating chapters based on new standards, new technologies, new studies,…

- **Roll–Over report update:**
  - Was taken in consideration : extreme LNG qualities (CBM,…), roll–over in offshore conditions
Technical Study Group

Studies issued in 2014 (continued)

- **Import facilities / Power station**: a broad study on worldwide experience of LNG terminal and power plant integration

Other studies

- **Increasing the Methane Number of LNG**
  - Position paper, GIIGNL flagged, to clarify the importers’ views regarding methane number and to help counterbalancing high methane number values’ proposals

- **Receiving terminal – low send-out periods**
  - Analysis of the technical processes affected by low–send out periods
  - Benchmark between the participants of the present conditions and of the adopted solutions
  - Identification of suggestions and recommendations regarding plant reliability and cost optimization
Voyage Charter Party
BIMCO request for a joint GIIGNL/BIMCO document
(The Baltic International Maritime Council Organisation)

Panama Canal Study
The LNG Industry in 2013

- LNG flows & LNG carriers

World LNG imports by region (in Mt)

- 2013
- 2012
- 2011
- 2010
- 2009
- 2008
- 2007
- 2006
- 2005
- 2004
- 2003
- 2002
- 2001
- 2000

- Asia
- Europe
- Americas
- Middle East

Loaded voyages and LNG carriers

- Loaded voyages (nbr)
- LNG carriers (nbr)
The LNG Industry in 2013

- Key figures: Spot & Re-exported cargoes
Thank you for your attention