# MarCom members 2016

**Chairman:** Francisco Esteban Lefler  
**Secretary:** Noelia González Patiño (Spain, alt.)

<table>
<thead>
<tr>
<th>Country</th>
<th>Member</th>
<th>Country</th>
<th>Member</th>
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</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>Carlos Gines</td>
<td>India</td>
<td>Bhuvaragan Poiyaamozhi (Ret. 2016)</td>
</tr>
<tr>
<td>Australia</td>
<td>Peter Fountain</td>
<td>Iran</td>
<td>Mohammad Reza Allahyar</td>
</tr>
<tr>
<td>Belgium</td>
<td>Luc Van Damme</td>
<td>Italy</td>
<td>Andrea Ferrante</td>
</tr>
<tr>
<td>Colombia</td>
<td>Gerardo Castaño</td>
<td>Japan</td>
<td>Yoshiaki Higuchi</td>
</tr>
<tr>
<td>Denmark</td>
<td>Hans F. Burcharth</td>
<td>Korea</td>
<td>Iksoo Cho</td>
</tr>
<tr>
<td>Finland</td>
<td>Seppo Virtanen</td>
<td>The Netherlands</td>
<td>Arjan van der Weck</td>
</tr>
<tr>
<td>France</td>
<td>Olivier Piet</td>
<td>Norway</td>
<td>Tore Lundestad</td>
</tr>
<tr>
<td>Germany</td>
<td>Stefan Hauser († August 2016)</td>
<td>Philippines</td>
<td>Armando L. Guzman</td>
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## MarCom members 2016 (cont.)

<table>
<thead>
<tr>
<th>Country</th>
<th>Member</th>
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<tbody>
<tr>
<td>Spain</td>
<td>Rafael Escutia</td>
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<tr>
<td>Sweden</td>
<td>Mattias Sandell</td>
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<tr>
<td>United Kingdom</td>
<td>Peter Hunter</td>
</tr>
<tr>
<td>USA</td>
<td>Ron E. Heffron</td>
</tr>
<tr>
<td>IAPh</td>
<td>Fer M.J. Van de Laar</td>
</tr>
<tr>
<td>YP Com observer</td>
<td>José A. Aldunate</td>
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<table>
<thead>
<tr>
<th>Country</th>
<th>Alternate Member</th>
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<tbody>
<tr>
<td>Argentina</td>
<td>Marcelo Peyregne</td>
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<tr>
<td>Australia</td>
<td>Scott William Keane</td>
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<tr>
<td>Colombia</td>
<td>C.N. Juan Francisco Herrera</td>
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<tr>
<td>Iran</td>
<td>Babak Banijamali (2016)</td>
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<tr>
<td>Philippines</td>
<td>Reynand C. Parafina (2016)</td>
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<tr>
<td>Spain</td>
<td>Noelia González (MarCom Secretary)</td>
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<tr>
<td>United Kingdom</td>
<td>Stephen Cork (Ret. 2016)</td>
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<tr>
<td>USA</td>
<td>Richard Styles</td>
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### MarCom membership summary December 2016

<table>
<thead>
<tr>
<th>Group</th>
<th>Nº</th>
<th>Comments</th>
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<tr>
<td>Members National Sections</td>
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<td>Members Sister Associations</td>
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<td>IAPH</td>
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<tr>
<td>Alternate members</td>
<td>7</td>
<td>Inc. MarCom Secretary</td>
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<tr>
<td>Young Professionals</td>
<td>6</td>
<td>Inc. YPCom observer</td>
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<td><strong>TOTAL</strong></td>
<td><strong>32</strong></td>
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<table>
<thead>
<tr>
<th>Country</th>
<th>Young Professional</th>
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</thead>
<tbody>
<tr>
<td>Belgium</td>
<td>Hadewych Verhaeghe</td>
</tr>
<tr>
<td>Chile</td>
<td>José A. Aldunate (YPCom observer)</td>
</tr>
<tr>
<td>Finland</td>
<td>Kim Andersson-Berlin</td>
</tr>
<tr>
<td>Philippines</td>
<td>Christopher H. Ornum (2016)</td>
</tr>
<tr>
<td>Spain</td>
<td>Santiago Povedano</td>
</tr>
<tr>
<td>USA</td>
<td>Christopher Thomas</td>
</tr>
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MarCom membership 2016
(around the year)
Programme 2016

Action Plan 2014-2018 goal:

“Improve professional production of MarCom Working Groups and Expert Group Reports”

5 WG Reports published (3 on specialized terminals)

- Review of existing WG Reports in order to define topics that need an update
- WG 196 (Former 47) Report ‘Criteria for the Selection of Breakwater Types and their related Optimum Safety Levels’ started in 2004: PUBLISHED !!!!
- WG 152 Report ‘Guidelines for Cruise Terminals’ had big impact in the Cruise Sector:
  MedCruise ordered 106 copies for its General Assembly
- ToR of WG 194 ‘Early Contractor Involvement’ approved and WG launched:
  Alignment with new trends for complex waterborne infrastructure international contracts
Meetings 2016

Brussels, February 2\textsuperscript{nd} and 3\textsuperscript{rd}:

- PIANC week
- 4 WG Presentations
- 2 Final discussions on WG Reports

HR Wallingford, UK September 19\textsuperscript{th} and 20\textsuperscript{th}:

- Technical Visit to HR Wallingford facilities:
  - 2D and 3D modelling tanks
  - New fast flow facility
  - Ship simulation centre
Technical visit to HR Wallingford
WG Reports published (I)

Report WG 152 ‘Guidelines for Cruise Terminals’

Chairman Mr. David Pino (Spain)

- Covers all areas involved in the operation of cruise ships: waterside drivers, apron area, terminal building and ground transportation area
- Big impact on the Cruise industry
Report WG 153 ‘Recommendations for the Design and Assessment of Marine Oil and Petrochemical Terminals’

Chairman Mr. Ron E. Heffron (USA)

- Provides a uniform set of guidelines and recommendations for the design, analysis and maintenance of Marine Oil and Petrochemical Terminals (MOPT)
- Includes rehabilitation and upgrade of existing facilities
- Covers a lack of publications on this topic
WG Reports published (III)

Report WG 172 ‘Design of Small to Mid-Scale LNG Terminals including bunkering’

Chairman Mr. Ignacio Sanchidrián (Spain)

- Design of fixed LNG terminals
- Modes of operation:
  - Terminal on standby
  - LNG carriers offloading to storage or offloading point
  - LNG carriers loading from storage or loading point
  - Vessels bunkering as fuel from storage or loading point
WG Reports published (IV)

Report WG 162 ‘Recommendations for Increased durability and Service Life of new Marine Concrete Infrastructure’

Chairman Prof. Odd Gjørv (Norway) († February 2016)

- Recommendations and guidelines additional to existing concrete standards and service life based design methodologies
- Performance based durability specification and design, condition assessment and preventive maintenance management
WG Reports published (V)

Report WG 196 ‘Criteria for the Selection of Breakwater Types and their related optimum safety levels’

Chairman Prof. Hans Burcharthe (Denmark)

- Takes into consideration functional criteria, site environmental conditions and construction constraints.
- Selection of breakwaters types including lifetime cost optimisation. Parametric study.
- Types of breakwaters considered:
  - Conventional rock and cubes and single layer Accopode type armoured rubble mound breakwaters
  - Berm breakwaters
  - Vertical composite caisson breakwaters
WG Reports expected to be ready for publication in 2017

- WG 144 ‘Classification of soils and rocks for the maritime dredging process – Field guide’
- WG 145 ‘Berthing velocities in sheltered environments’
- Maybe more…
Other active WGs

- WG 159 ‘Renewables and Energy Efficiency for Maritime Ports’
- WG 161 ‘Interaction between Offshore Windfarms and Maritime Navigation’ (IALA)
- WG 164 ‘Upgrade of Port Terminals by increasing dredged depth’
- WG 167 ‘Design of Terminals for RoRo and RoPax vessels’
- WG 171 ‘Ship Handling Simulation dedicated to Channel and Harbour Design’
- WG 184 ‘Design principles for Dry Bulk Marine Terminals’
- WG 185 ‘Masterplans for the Development of Greenfield Ports’
- WG 186 ‘Mooring of Large Ship at Quay Walls’
- WG 187 ‘Protection of Undersea Pipelines and Cables in Navigable Areas’
- WG 194 ‘A Framework for Early Contractor Involvement in Infrastructure Projects’
WG 153 Update ‘Recommendations for the Design and Assessment of Marine Oil and Petrochemical Terminals’:
  - Large LNG terminals will be covered (many common aspects)
  - Add information

WG 200 ‘Recommendations for the Design and Assessment of Marine Single Point Mooring (SPM) or Multi-Point Mooring (MPM) Facilities’

Complete coverage of Oil & Gas terminals
Future topics for WGs

- Update WG 180 ‘Guidelines for protecting berthing structures from scour caused by ships’
  - Update of the Report plus integrate slope protection
  - Will supersede WG 22-1997
- WG on ‘Guidelines on Seismic Design of Port Structures’
  - Will update WG 34-2001
- WG on ‘Breakwaters on loose and soft soils’
- WG on ‘Post-extreme events inspection of Port Infrastructure’
Other fields for development

- **Assessment on the status of available Reports:**
  - Updated
  - To be updated
  - Partially or totally obsolete
  - ...

- **Classification of existing Reports (coordinated with HQ)**

- **Guidance for WG Chairpersons**
Cooperation with other Commissions

- EnviCom Working with Nature
- EnviCom Permanent Task Group on Climate Change
- Jury of the De Paepe Willems Award
- InCom:
  - Joint meeting with InCom (February 2017)
  - Preparation of Joint WGs
Other activities

Presentations of WG 172 on Cruise Terminals:

- Seatrade Cruise in Miami
- MedCruise General Assembly in Tenerife distributing 106 copies!

Links with the Cruise Industry
On behalf of MarCom colleagues: Thank you for your attention!