PIANC side-event session
by TRA 2014

Wednesday, April 16, 2014
(from 2 p.m. to 5.30 p.m.)

CNIT La Défense (Room Ampère 9)

‘PIANC Working Group Reports, an Incentive for Further Research in the Navigation Industry’

Introduction (2 p.m. to 2.20 p.m.)

Jean-Marc Medio, President of the French Section of PIANC

Geoffroy Caude, President of PIANC International

1st Session: Maritime, Port and Coastal Infrastructures (2.20 p.m. - 3 p.m.)

Chair: Francisco Esteban Lefler, President of the Maritime Commission of PIANC

1) Advances in Concrete Armour Units Behaviour - Guillaume Carpentier, ESITC Caen.
2) Harbour Approach Channels – Design Guidelines (MarCom 121) - Paul Scherrer, Port of Le Havre.
3) Guidelines for Scour at Berthing Structures Related to Thrusters (MarCom 48) - Marc Sas, IMDC, Belgium.
4) Design Principles for Container Terminals in Small and Medium Ports (MarCom 135) - George Steele, URS Corporation UK.

2nd Session: Inland Waterways Infrastructures (3 p.m. -3.40 p.m.)

Chair: Benoît Deleu, VNF, French representative of the Inland Navigation Commission of PIANC

5) Design Guidelines for Inland Waterways (WG 141) - Rémy Gasset, CEREMA Bordeaux
6) Innovations in Lock Design (InCom 106) - Philippe Rigo, ANAST (Belgium)
7) Navigation Structures Resilience to Overloading (InCom 137) - to be determined
8) Waterways Infrastructure Asset Management (InCom 129) - Graham Holland, PIANC UK to be confirmed
Break 3.45 p.m. - 4 p.m.

**3rd Session: Sustainable Navigation** (4 p.m. - 4.40 p.m.)

Chair: **Paul Scherrer**, Port of Le Havre, French representative of the Environmental Commission of PIANC

9) Guidelines for Sustainable Maritime Navigation (EnviCom 136) - **Jacques Paul**, Chairman of the Working Group
10) Green Ports (EnviCom 150) - **Daan Rijks**, Boskalis (The Netherlands)
11) Initial Assessment of Environmental Effects of Navigation and Infrastructure Projects (EnviCom 143) – Arcadis Netherlands: to be determined
12) Water Injection Dredging (MarCom 120) – **Jan Van den Broeke**, DEME (The Netherlands)

**Round Table and Conclusions** (40 minutes)

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Panellists:

**Francisco Esteban Lefler**, ECTP
**Philippe Rigo**, ANAST Liège
**Philippe Sergent**, CEREMA/CETMEF
**Paul Scherrer**, GPMH
**Pierre Marchal**, Waterborne ECTP

Chair: **Geoffroy Caude**

**Conclusions** (5.20 p.m. – 5.30 p.m.)

**Olivier Piet**, CEREMA, General Secretary of the French Section of PIANC