

# ITP 79

## 79TH MEETING OF ICHCA'S TECHNICAL PANEL

18 April 2018 | The Hague



## MEETING REPORT

Organised by

**ICHCA**  
INTERNATIONAL

Hosted by

  
Lifting Global Trade.  
**APM TERMINALS**

## HOSTS

The meeting, kindly hosted by APMT, was held at the Hampshire Hotel, Babylon, The Hague Netherlands.

It followed on from the successful “Port Hinterland Connectivity Seminar”, the first ICHCA event facing towards the land and inland waterway side of the ship-port interface.

## ATTENDEES

The meeting was attended by 25 delegates from countries across the globe.

A full list of attendees and copies of meeting presentations can be found in the ICHCA Members Area: <https://ichca.com/members-area>.

To access the Members Area, log in with your unique username and password details. Access to the presentations from the 79th meeting is restricted to attendees - a one-off page password was sent to attendees after the event.

## WELCOME & INTRODUCTIONS

The Chairman, Wouter de Gier opened the meeting and welcomed all to The Hague.

- New Members of the Technical Panel then gave a short introduction about themselves
- Resignations: There were no resignations announced at this meeting but members were reminded the ‘Continuing Contribution Points’ system is in effect
- ITPSG update
- Ongoing priority items

The Chairman then organised an interactive safety quiz (using the App *KAHOOT.IT*), which members found very engaging and interesting. It was won by Peregrine Storrs-Fox of TT Club with the TA coming in as runner-up.

During the course of the day the Chairman also

appraised the group about the application ‘safevessels.com’ and the APMT platform for searching for safety advice and information.

## PRESENTATIONS

During the meeting the following presentations were received by members, observers and guests:

### **Capt. Richard Brough O.B.E, Technical Advisor and Observer, ICHCA International**

Technical Panel activity update and work items, UN activity (especially IMO’s recent sub-committee meetings SSE and SDC) and new work items for consideration, incidents, technical queries, publications update and reports from associate organisations not present.

Later in the meeting he also gave an update on the Code of Practice for Lifting Personnel with Work-Cages and the next steps in its development.

### **Stephan Stiehler, Technical Panel Deputy Chairman; Senior Consultant, Stielher Consulting**

Collision prevention at terminals - publication update

### **Gabriel Kierkels; Head of Health, Safety, Security and Environment; APM Terminals Maasvlakte II**

Ideas that Work: Best Practice for Accommodation Ladders/Gangways

### **Martijn Breuer, Senior Mooring Consultant; KRVE**

Professional Mooring Operations

### **Patrick Verhoeven, Managing Director, Policy and Strategy; International Association of Ports and Harbors**

IAPH, WPSP & future co-operation between IAPH & ICHCA

### **Rachael White, Chief Executive Officer, ICHCA Secretariat**

Partnership Report: FEPORT, GLEC and MACN

### **Capt Terry Frith, Technical Manager, The Chemical Distribution Institute**

CDI and its Audit Schemes

### **Ashley Woods, Senior Environmental Adviser; APM Terminals**

CO2 Modelling of Terminal Operations

### **Ronny Vosselmans, Consultant, Global Port Training**

Modern Port Training Delivery

## 1. ITP 78 REPORT

Report of ITP 78, Casa Africa, Las Palmas had been circulated and there were no comments.

## 2. MATTERS NOT COVERED ELSEWHERE

All outstanding actions were picked up at this meeting.

## 3. MEMBERSHIP CHANGES

New ITP members or changes confirmed at this meeting after acceptance by the steering group were:

### Outgoing members

- Fer van de Laar, IAPH
- Harry Gale, NI

### New members

- Patrick Verhoeven, IAPH
- Capt Ghulam Hussain, NI
- Will Bartle, Exis Technologies
- Martijn Breuer, KRVE
- Aron Frank Sorenson, BIMCO
- Ronny Vosselmans, Global Port Training
- Mike Dempsey, Orbcomm
- Daniel Araya, SAAM
- Capt Leo Vincent, Jurong Port

## 4. PANEL REVIEW

The Chairman advised members that the Technical Panel Steering Group has now held six meetings (real or virtual) and one would be held before each Technical Panel meeting. The work of the ITPSG included:

- Vetting and approving applications for Technical Panel membership
- Reviewing the continuing contribution points scheme
- Technical Panel priority outputs and work items
- Follow up from break-out sessions/workshops
- Publications review and publishing schedule
- Technical Panel meeting agendas, locations, guests & speaker planning
- Technical Panel external communications
- Panel reports and TQs would be circulated to the wider membership and only publication drafts and other works in progress would be confined to Panel members

There was also an appeal for members to submit ideas and topics for future agendas and for feedback on the meeting format and content as it continued to change and become more interactive and inclusive.

## 5. TECHNICAL ADVISOR’S REPORT

Richard Brough updated the meeting on ICHCA’s current and planned work items.

Whilst a short summary is included here, full details will be available in various ICHCA reports and newsletters. The report is also available to download from the website. (see above for copies of presentations).

### Legislation

#### *Container Weight Verification*

ICHCA and its partner organisations continue to monitor the compliance situation globally. Many companies providing weighing solutions now have their systems approved by national or international metric associations such as OIML.

#### *IMO/ILO/UNECE Code of Practice for Packing of CTUs (Cargo Transport Units)*

ICHCA and its partner organisations (TT Club, World Shipping Council (WSC) and Global Shippers Forum (GSF)) are continuing with their roll-out campaign to raise awareness of the Code. Events continue to be held across

the globe and we have also joined up with the N. American initiative on Prevention of Contamination.

#### IMDG

2016 (amendment 38-16) is mandatory this year (2018) and available through ICHCA at a 15% discount. The 2014 version of the Supplement is the current edition although a new version will be available this year. Amendment 39-18 is currently being prepared by IMO.

#### Ships Lifting Appliances

This important new SOLAS Amendment and Guidelines was not concluded at SSE#5 and the Intersessional IMO correspondence group is continuing its work and will submit a report to SSE#6 hopefully for resolution in 2019.

ICHCA would still appreciate all reports of incidents involving SLA's to be notified to the Technical Advisor.

#### Dangerous Substances in Harbours Regs

Following on from the successful TT Club event last year, ICHCA and TT Club will look at producing a new easy to use guide on DG in ports as this received general approval from the meeting. This will be launched later in 2018.

#### Safe Mooring Arrangements

The work on this other major amendment to SOLAS was not completed at SDC#5 and is now scheduled to complete in 2019. An Intersessional correspondence group is currently deliberating and will report to SDC#6 in January 2019. The latest version of OCIMFs "MEG" (Mooring Equipment Guidelines) will be launched this year.

As usual, all IMO correspondence groups will be shadowed by an ICHCA internal CG that will report back to the IMO co-ordinator with collated responses through the Technical Advisor. Any member of ICHCA and its associates can join these groups.

The FAL Committee (Facilitation and Legal) is currently deliberating (through more ICGs) on:

- Updated manual on the FAL Convention
- Updated guidance on establishing a Maritime Single

Window (to facilitate easier and seamless port entry and clearance requirements)

ICHCA members are shadowing the IMO CGs as normal.

Other IMO work continues on:

- Vessel emissions (GSF attend MEPC on ICHCA's behalf) and the intersessional GHG working group meetings
- IMDG and IMSBC Code amendments with, as mentioned above, IMSBC being the focus this year. Work has concluded on several new schedules such as Bauxite and Seed Cake and new developments in testing for the correct TML. ICHCA assisted with this work.

Forthcoming IMO meetings in 2018 are:

- Sep 10th: CCC#5
- Oct 22nd: MEPC#73
- Dec 3rd: MSC#100

In addition, intersessional meetings of interest to ICHCA are:

- Sep 17th: 30th Meeting of the E&T Group (IMSBC)

2018 is also the 70th Anniversary of the IMO and a 'high level forum' was held in London on the 15th May.

World Maritime Day will be held on 27th Sept. This year's theme is 'Women in Maritime'.

The next 'Orientation Seminar for IMO Delegates' will be held on the 18th/19th October and is open to all ICHCA members. This two-day event explains the work of the IMO, MARADs (Maritime Administrations) and NGO (such as ICHCA) involvement and introduces delegates to the governance and committee structures.

ICHCA is involved in all of the above meetings and if any member wishes to be part of a delegation, please contact the Technical Advisor on the new email address: [tech.advisor@ichca.com](mailto:tech.advisor@ichca.com).

Additionally, if any member who does not or has not attended, wishes to see any meeting papers or reports, just ask the Technical Advisor.

ICHCA internal correspondence groups are currently

running on the following matters:

- SOLAS amendment for Ships Lifting appliances
- Safe Mooring Arrangements
- Update on FAL Manual
- Updated guidelines for Maritime Single Windows

We are grateful to all those members who have given their time and expertise to our IMO involvement. Our NGO status with IMO and other UN bodies is invaluable and helps us represent the cargo handling community on the global legislative platform.

A full list of correspondents to each group will be available on our website shortly. If anyone wishes to be involved then please contact Richard Brough: [tech.advisor@ichca.com](mailto:tech.advisor@ichca.com)

#### ILO (International Labour Office)

No current work, although a review of the CTU Code is expected.

#### Standards

No current work.

#### Wider cooperation

ICHCA and IAPH (as reported at this meeting by Patrick Verhoeven) will be cooperating much more closely in the future on issues of common interest. We are going to avoid duplication of effort in our respective committees and working groups.

IAPH is also calling for greater co-ordination (and therefore a stronger voice) at IMO among the port related NGOs and ICHCA welcomes this.

#### WPSP

ICHCA has committed to involvement (as a full signatory) to the World Port Sustainability Programme, initiated by IAPH at the Port of Antwerp last month. This commits ICHCA and the other signatories: ICHCA, IAPH, AIVP (The Worldwide Network of Port Cities), AAPA (The American Association of Port Authorities), ESPO (The European Sea Ports Organisation), PIANC (The World

Association for Waterborne Transport Infrastructure) and IADC (International Association of Dredging Contractors) to working towards the UN's sustainable development goals which are:

- 1: No Poverty
- 2: Zero Hunger
- 3: Good Health and Well-being
- 4: Quality Education
- 5: Gender Equality
- 6: Clean Water and Sanitation
- 7: Affordable and Clean Energy
- 8: Decent Work and Economic Growth
- 9: Industry, Innovation and Infrastructure
- 10: Reduced Inequality
- 11: Sustainable Cities and Communities
- 12: Responsible Consumption and Production
- 13: Climate Action
- 14: Life Below Water
- 15: Life on Land
- 16: Peace, Justice and Strong Institutions
- 17: Partnerships for The Goals

A series of meetings will be held to follow up from the launch event where many ideas for outputs were suggested and we will keep members updated and involved where appropriate.

## 6. UPCOMING AND PROPOSED PROJECTS

### Workshops, seminars and events

Of significant importance is ICHCA's commitment to the WPSP (World Port Sustainability Programme). We joined the signing ceremony at the Port of Antwerp in a new accord with IAPH.

The WPSP commits the port sector to the UN's 17 Sustainable Development Goals and a full report on this new initiative will follow shortly and the ITP will receive regular updates.

## Publications



Much work on editorial and re-formatting has been carried out recently on several revised or new ICHCA publications. The full report is on the website.

Following discussions with the Technical Panel, ITPSG has established the next priorities for publication and a schedule for this is under development with the Secretariat.

Agreed priorities are:

- BP#15 Substance Abuse
- BP#10 Safety in Ro-Ro Terminals
- BP#5 Container Terminal Safety
- BP#8 Safe Working on Container Ships
- BP#22 Suspension Trauma
- BP#43 Safe Handling of Steel Cargoes
- RP#17 Lighting in Terminals

Several members are involved in reviewing existing publications or developing new ones and ICHCA is extremely grateful for their continuing and substantial contribution.

For example, a major new suite of documents is being developed on safe handling of steel cargoes building on the work undertaken by John Beckett. This is currently being carried out by Javier Saveedra in Spain and Leo Vincent in Jurong.

Meanwhile, the member e-newsletter 'Inside ICHCA International' is being published bi-monthly by the Secretariat, and often contains a technical article. Summaries of technical queries, several of which are being dealt with by the TA supported by the Technical Panel members, will also be featured. It is planned, in due course, to have these on the website as a searchable database.

PEMA, in addition to joint documents with ICHCA, is producing drafts of:

- Crane operator safety
- Automated mooring systems
- 2nd edition of minimum safety standards for STS cranes
- Collision prevention at terminals

ICHCA is involved in PEMA's sub-committees and contributes to all its work.

A Code of Practice (COP) is being developed on 'Lifting Personnel with Cranes' and this will be ICHCA's first such document. The industry is being consulted widely, including equipment manufacturers. The first draft was presented to this meeting and will be sent back out for further consultation with a view to finalising by October.

## 7. INCIDENTS

Details of incidents notified to the Technical Advisor were included in the Technical Report which is still available on the website.

We are extremely grateful to member Ron Signorino in the US who supplies many of the details to us. The scale of incidents around the world leading to serious or fatal injuries, and these are only the ones we know about, are far too high and there is probably at least one fatality somewhere in the world every week.

## 8. TECHNICAL QUERIES

The Technical Advisor continues to receive a wide range of technical questions and from time to time the Panel are asked to input with their own experience and/or knowledge and ICHCA is grateful to those who take the time to respond.

There was no time at this meeting to discuss any recent TQs, but they were included in the Technical Report and will be condensed into ICHCA's various media publications going forward.

## 9. ASSOCIATE ORGANISATION REPORTS

Organisations with whom we are in liaison have submitted reports which can be found in the Members Area.

PEMA, BIMCO and IAPH updates were given at the meeting.

## 10. NEW WORKING GROUPS

Following on from discussions at previous meetings to establish priorities and discussions at ITPSG, The Chairman has decided to establish four new ITP Working Groups, led by volunteer members.

The agreed priorities are:

- **Straddle Carrier Safety**
- **Dangerous Goods**
- **Digital and Innovation**
- **Bulk Cargo Handling and Storage**

Members who have volunteered to lead these groups respectively are:

**Cedric Rousseau**

**Les Richings**

**Stephan Stiehler**

**Javier Saveedra**

And we are extremely grateful to them for undertaking this work.

We will be writing out shortly to the rest of the membership to invite participation, meanwhile in the breakout 4 groups looked at each theme and came up with suggestions on what the current issues are/ suggestions for outputs. These are listed below and will be for the respective chairman to discuss with their group members what the priorities should be and what the outputs might look like. The groups will be supported fully by ITPSG and we are looking at an initial time frame of 12 to 18 months.

## Straddle Carrier Safety

- Engine Fires and cause of same (Fuel Hydraulic oil leaks, Electrical Failure, Poor maintenance and cleaning)
- Escape routes in event of emergency
- Collisions (design – manufacturing, sensors, attitude coaching)
- Stability (design, technology, driving, training)
- Ergonomics (design, health issues)
- Involvement of suppliers and maintenance
- Change Management
- Supplier and user input
- Training
- Update old ICHCA Guidance

## Dangerous Goods

- Should include dangerous bulk cargoes, not just packaged goods
- Update BP#3
- CINS data could be made available?
- IMO's MS Circular 1442 needs updating?
- 'Dummies Guide to Ports' to include training and emergency response
- Incident Collection Portal
- Hazcheck Restrictions Portal
- Cargo Patrol
- Costs associated with DGs
- Training in general
- Non-regulated hazardous goods i.e. Palm Oil
- CTU Code to be more mainstream

## Automation, Digital and Innovation

- Block-chain type technology
- Trailer and cargo tracking
- Parking traceability
- RFID container seals
- DG Information (mandatory fields in TOS)
- OCR Portal standardisation (trucks, rail, TAF/TSI Code)
- Sensor innovation for Automation Safety
- Ergonomic Innovations (wind direction sensor and adjustments etc)
- Language and Communications (especially for safety)

instructions)

- Remote control and next steps
- X-ray scanning improvements

#### Dry Bulk Cargoes

- Fire (Machinery, sheds, storage yards, conveyors, trucks, cargo, spontaneous combustion)
- Corrosion
- Biomass
- Loading and unloading
- Handling and transportation on quayside
- Enclosed Spaces (fumes, asphyxiation)
- Environmental pollution (spills, dust, water, air, ullage, light, noise)
- Port Waste Reception
- Stockpile sampling
- Slumping
- What is available? Where are the gaps?
- Terminal dialogue

*If any member would like to see additional items on the agenda for the next meeting then please submit them to the secretariat as soon as convenient.*

Captain Richard W. A. Brough O.B.E.  
Technical Advisor and Observer  
ICHCA International  
10th July 2018

#### 15. CONTACT

Visit us at [www.ichca.com](http://www.ichca.com)  
Call us at **+44 (0)20 3327 7560**  
Email us at [secretariat@ichca.com](mailto:secretariat@ichca.com)

#### 11. CLOSING

The Chairman was thanked for his company's excellent hosting and he thanked the presenters for their presentations and all attendees for their involvement and support. The Secretariat and Technical Advisor were thanked for their input and arrangements.

#### 12. NEXT MEETINGS

- ITP#80: Vancouver, British Columbia, 19th September 2018, hosted by BCMEA
- ITP#81: The Humber, UK, March 2019, hosted by ABP Humber and Modal Training, Immingham
- ITP#82: Malta, November 2019 (tbc)

#### 14. FEEDBACK

The ICHCA team would be grateful to receive any feedback from attendees on anything to do with the meeting so we can continue to make improvements.

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