



CONTAINER OWNERS ASSOCIATION

# 24<sup>th</sup> COA Members Meeting

*Monday 4 November 2019*

*Sofitel Hotel, Hamburg*

## *Conference Agenda*

- ***Morning Plenary Sessions***

- *Update on COA activities*
- *International Plant Protection Convention Report*
- *Global shipping developments and Sustainable Finance Initiatives*
- *IICL Update*

- ***Afternoon Sessions***

- *Special Session: Container Coatings New Technology*
- *WG Meeting: Container IT, Tracking and Telematics*

- ***Networking Cocktail Reception***



# 24<sup>th</sup> COA Members Meeting, Sofitel Hamburg Monday 4 November 2019

## Conference Programme

**10:30 Arrival and Registration**  
*Welcome Refreshments*

### **11:00 Session 1 – COA Report**

#### **Introduction and COA Update**

- Welcome, introduction and anti-trust compliance statement
- COA 2019/2020 projects, work programme and events schedule
- Future Association developments and strategic plans

*Brian Darnowski*  
*Chairman, COA*  
*Senior Vice-President Operations, Triton International*

*Patrick Hicks*  
*Secretary, COA*

#### **COA participation at the International Plant Protection Convention Meeting**

- Update on the IPPC project
- Assessing and managing the pathways for the spread of pests in containers
- Report on latest IPPC meeting and the actions points arising from it

*Uffe Ernst-Frederiksen*  
*Deputy Chairman, COA*  
*Head of Cargo Management, Maersk Line*

#### **COA Korea Regional Branch Report: Container activities in Korea & COA Korea Meeting**

- Shipping line developments in Korea
- Establishment of Korea Ocean Business Corporation
- Agenda for COA Korea Regional Meeting (12 November 2019)

*SY Chun*  
*Business Development, Boxjoin Corporation*  
*COA Korea Regional Branch*

#### **COA Project: Development of a Standard API for Reefer Telematics**

- Status of the project
- Next Steps

Marianna Levtov  
Commercial Project Manager  
Nexxiot



## **11:45 Session 2 - Plenary Presentations**

### **Global shipping developments – and Sustainable Finance Initiatives**

- Trends in the Container Trade and Shipping Market 2019/2020
- Sustainable Finance in the Transport & Logistics Market

*Renzo Hoefnagels*

*Managing Director - Head of Coverage Transportation & Logistics, EMEA  
ABN AMRO*

### **IICL Update on Projects and Technical Agenda**

- IICL new website and recovery module
- New inspection tools and “how to measure”
- Manuals and standards under development – cleaning, genset and pallet-wide
- Collaboration efforts: paints, reefers, floors; and status of Floor Omega Design
- Misuse of container equipment – TB 018
- Floor quality assurance program
- Training events, online and certification

*Luiz F. Gonçalves*

*Director, Technical Services*

*IICL – Institute of International Container Lessors*

**A Tribute to Mr Pan – founder of the CXIC Group, China**

## **12:30 Lunch**

## **Session 3 – Container Industry Initiatives**

### **13:45 CEDEX Code and Container Grading - two Items for discussion**

*Dr. Roland Karnbach, Managing Director, HCS Hamburger Container Service GmbH will present two topics for discussion by participants. Subject to feedback from Members, these projects could be developed as COA Work Groups.*

#### ***Coding of Repairs (CEDEX, MARS, STS ...)***

- Although there is an ISO Standard (proposal since 2014) covering so-called CEDEX codes, the industry interprets this in different ways or uses its own standards
- Clear assignments and regulations for the composition of the codes and the calculations are non-existent in the industry
- Automated tariff controls and the creation of statistics based on repair work are very difficult - and often not precise or even not possible.
- Also EDI connections are very difficult to implement as many companies use their own in-house systems



## **Container Qualities**

- The container industry is using lots of different quality requirements for Containers eg. “food-grade”, “malt”, “automobile” ...
- FIATA just recently released a best practice guide “CONTAINER SHIPPING AND THE QUALITY OF CONTAINERS” demanding better and reliable qualities of containers.
- This presentation would introduce the idea of standardized technical description and coding of qualities based on a type of “matrix”.
- The coding of qualities should become a fixed element of all booking, release and status messages in the future.

## **14:15 Research on Standardization & Serialization of Dry Van Containers**

- Status of Steel Structure Designs for container owners
- Status of Standardization and Serialization for Dry Van Containers

*Jinping Hu*

*Technical Manager – Headquarters*

*CIMC Containers*

## **14:45 Refreshment Break**

## **15:15 Session 4 - Break-out Parallel Groups**

***For the final session of the afternoon, participants will divide into two Parallel Groups, as follows:***

- ***Group A – Special Session on Container Coatings***
- ***Group B – IT, Telematics, Track & Trace***

***The full Break-out Session agendas for Group A and Group B are shown below***

***17:30 Break-out Sessions conclude***

***End of COA Meeting***

***Post-Conference Networking Reception for all participants***



# Group A: Focus on Container Coatings

***Many new developments coming on stream that are in due course expected to supersede the existing waterborne coatings***

The aim of this **Special Coatings Session** is to:

- (a) Update and inform members ***of coating industry developments*** relating to container new production
- (b) Prepare a ***“COA Coatings Information Paper”*** for Members, based on the results and presentations in this session

1. **New Coatings Systems** include:

- Waterborne advances in 2019
- E-coat (dipped)
- Powder electrostatic
- Nano
- High-solid low temp
- High-solid high temp 90C

2. Relevant industry stakeholders will be invited to present the new systems

3. Key elements to be covered:

- **Composition of the paint matrix:** solvents, water, zinc, etc. Pot life and VOC emission
- **Delivery method:** pumps, spraying equipment, compatibility of the equipment to be used for different paint compositions
- **Material efficiency:** consumption rate
- **Drying and curing:** heat required, time, airflow - Is cure impacted by humidity?
- **Durability of the paint:** what tests have been done and can the data be shared?
- **Availability of the product in the market:** quantity and available when?
- **Cost-delta:** between current waterborne and new technology
- **Benefits:** costs savings, performance, speed of application( impact on line speed)
- **Conversion Challenges for different systems** – manufacturing standpoint, impact on the line

***17:30 Break-out Sessions conclude***

***End of COA Meeting***

***Post-Conference Networking Reception for all participants***



# Parallel Session B: IT, Telematics, Track & Trace

***The COA supports its members to help develop standards and guidelines for Telematics, Track & Trace***

## **Background**

- This includes the shaping of technical standards such as those related to hardware communication protocols, telecommunications and software tools, user platforms and APIs.
- The functionality of systems which incorporates communication technologies in a global market is dependent on ensuring compatibility between devices and platforms and is generally known as “interoperability standards”.
- The COA’s IT/Telematics Working Group includes technology service providers who offer solutions for container owners.
- The group engages itself on a voluntary basis and as a united entity for the standardization process to develop specifications and standards for communication protocols (API) between clients and server. “Proprietary” specifications developed by a single company, as well as standards proposed by standard-developing organisations will be included into the Working Group activities.

## **Agenda**

- This Session will review a number of issues and initiatives:
  - Overall development of the IT/Track & Trace/Telematics Work Group
  - Progress on the development of API interoperability standard for Reefer Telematics
  - Co-operation with other Organisations
  - ISO 9897 Standard for Container Repair Coding Standard for EDI

***Other items may be added, subject to participants’ feedback***

***17:30 Break-out Sessions conclude***

***End of COA Meeting***

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