Round Table for
Stability of Container Barges
5 September 2013 in Bonn
Container Weights

The origin of the information chain

View of a packer
Container Weights

Agenda

- Current activities
- First step
- Differentiation
  - Packed goods
  - Bulk
  - Special orders
  - Incoming goods
- Conclusion
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Current activities

- Update of the CTU Packing Guideline (Code of Practice for Packing of Cargo Transport Units)
  - Responsibilities for providing container weights will be determined – last draft version 04/2013, expected to be effective in 2014

- Extension of SOLAS (International Convention for the Safety of Life at Sea)
  - Discussions about handling the container weights will be continued in September 2013 at IMO/DSC in London
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First step: create of articles

Product
- Add data of product properties
- Dangerous Goods classification and CLP*

Packaging
- Add data of packaging
- Marking/labeling

Article number
- Release for relevant transport modes

Production, Loading, Logistics

*Regulation on Classification, Labelling and Packaging of Substances and Mixtures
Kurt Ackermann BASF SE
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Differences between

- Packed goods
- Bulk
- Special orders
- Incoming goods
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Packed goods (warehouse stock)

- Availability of ordered quantities to be checked
- Electronic calculation of the total weight including packing materials based on master data
- Transmit order to logistics service provider with gross weight
- Allocation according to distribution order occurs when the goods are be picked up
- Loading of the container with subsequent determining of all packages – compare quantities with the customer order
- Transfer the total gross weight of the shipment (without container-tare) to the logistics service provider and hand over the shipping instructions to the first carrier
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**Bulk**

- Demanded quantities checked for availability
- Preparation of shipping order with quantities, density and tank requirements
- Preparation of filling order
- Tare weighing of the transport unit or transmit of the weight of the TC by carrier
- Filling by the plant via using quantity measurement
- Gross weighing of the transport unit with tank container
- Comparison of the data, transfer the weights to the logistics service provider and hand over the shipping instructions to the first carrier
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Special orders

- R&D products up to 1500kg
- Products outside the portfolio
- Machines, Devices

- Determination of packages or net/gross-weighing
- Transfer to standard process packed goods / bulk
- Transfer of the weights to the logistics service provider and hand over the shipping documents to the first carrier
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Incoming products

- Packed goods
  - Identification of ordered goods
  - Comparison between ordered and delivered quantities

- Bulk
  - Identification of ordered goods
  - Quantity measurement by plant
  - As needed gross/net weighing on-side
Conclusion

- High accuracy level based on weight determination of all positions (packed goods)
- Tolerance values are necessary with container weights (packed goods) regarding load-securing materials
- For bulk transports accurate weight determination based on the applied methods
- Applied procedures are validate and approved industrial standards
- Approaches, that are already being dicussed at IMO/DSC and in the Working Group of the CTU packaging guideline constitute a reliable basis for problem-solving
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Thank you for your attention
Do you have any questions?