

# Round Table for Stability of Container Barges

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# Container Weights

## The origin of the information chain

### View of a packer



## Agenda

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

## 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

## 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 **C**lassification, **L**abelling and **P**ackaging of Substances and Mixtures

# Container Weights

## Differences between

- Packed goods
- Bulk
- Special orders
- Incoming goods



## **Packed goods (warehouse stock)**

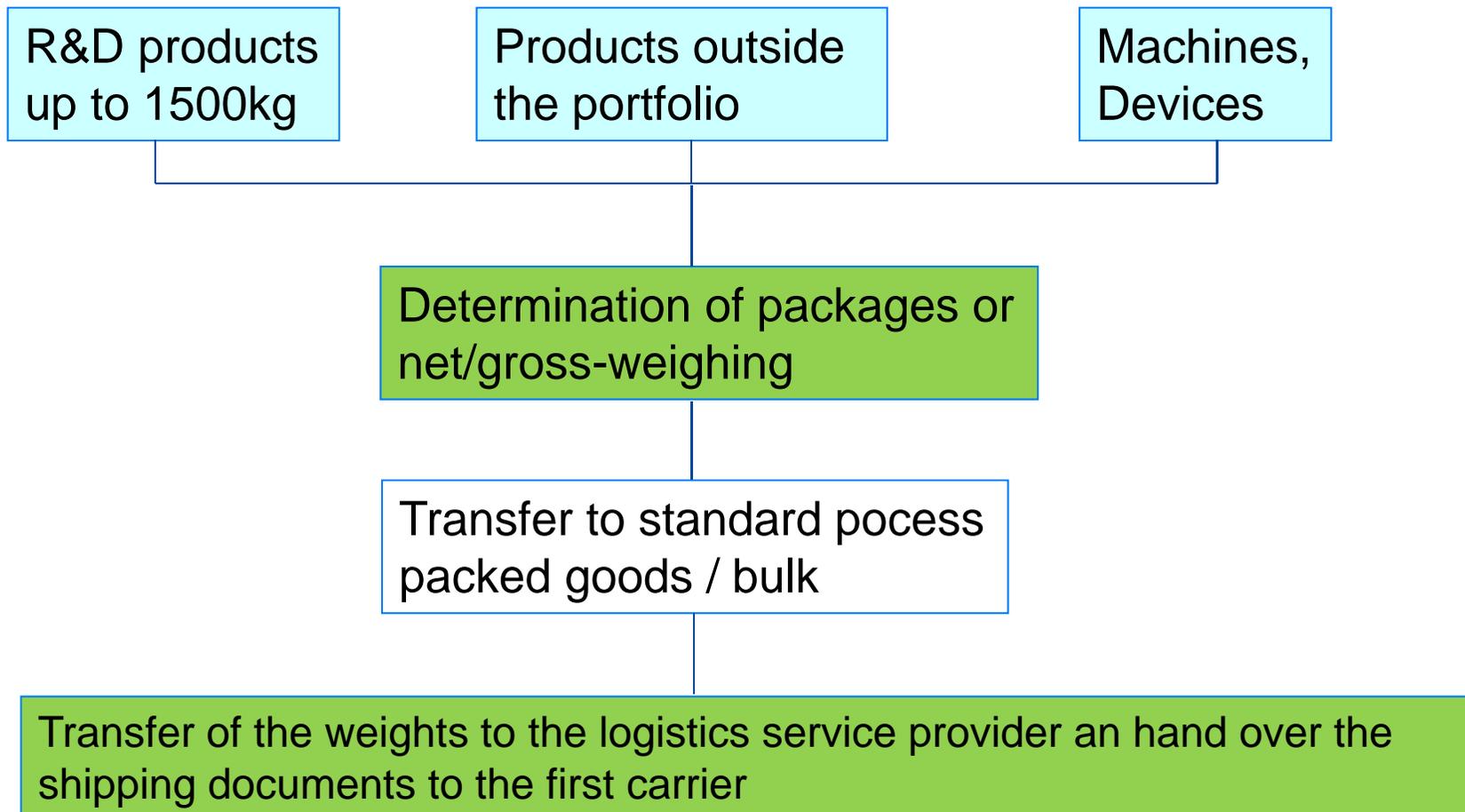
- Availability of ordered quantities to be checked
- Electronic calculation of the total weight including packing materials based on master data
- Transmit order to logistics service provider with gross weight
- Allocation according to distribution order occurs when the goods are be picked up
- Loading 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

## 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

# Container Weights

## Special orders



## 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

# Container Weights

