Agenda

• Major incidents involving container ships…
• Container weighing initiative
• An example of broader logistics issues
18,000 TEU – and beyond?
‘Rena’ grounded off New Zealand, Oct 2011
‘MSC Flaminia’ fire, Jul 2012
‘Emma Maersk’, Suez Canal, Feb 2013
## Actual

**APL Panama**  
Grounded in 2005

- DWT: 52,250
- TEU across: 13
- **TEU**: 4,038
- TEU on board: 1,805
- Cargo interests: 1,445

Global salved fund: $145 million  
Cargo value for GA adjustment: US$ 68 million

## Potential Scenario

**Big Ship**

- DWT: 157,000
- TEU across: 22
- **TEU**: 15,000
- TEU on board: 11,250
- Cargo interests: 9,006

Cargo value for GA adjustment: US$ ??0,000,000
Case Study: ‘Deneb’
Loss of life, assets (ships & equipment) & product/cargo

Damage to the [marine] environment

Frictional costs of claims handling & recourse

Loss of time, reputation, trade

Increased regulation
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2006</td>
<td>MARIN (Maritime Research Institute Netherlands) research project initiated</td>
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<td>2007</td>
<td>MAIB ‘Annabella’ &amp; ‘MSC Napoli’ incident investigations</td>
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<tr>
<td>2009</td>
<td>WSC/ICS ‘Safe Transport of Container by Sea Guidelines on Best Practices’</td>
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<td>2010</td>
<td>‘Lashing@Sea’ report presented to IMO DSC 15, WSC Statement at IMO MSC 88</td>
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<td>2011</td>
<td>Submission to IMO MSC 89, Discussion at IMO DSC 16</td>
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<tr>
<td>2012</td>
<td>Progress at IMO DSC 17</td>
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</table>
The current position
- International Carriage by Sea
- Safety Conventions & Regulations
- Domestic regulation (road/rail/inland waterway)

The proposal at DSC 17
- Verification of gross mass by
  (a) either weighing the packed freight container
  (b) or weighing all constituent parts
- **And** to be stated on the shipping document
- If not, the Master and Terminal Representative shall not load on to a ship

Action steps (leading to DSC 18, Sep 2013)
- Finalise the proposal
- Draw up guidance
TT CLUB The impact through the supply chain

- Shippers & packers
- Inland carriers
- Ports & terminals
- Maritime carriers
- Authorities
Do not be complacent about safety
Plan ahead and be prepared
Thank You

Helen Arabanos
Senior Claims Executive - TT Club

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