

# IMPACT OF BIGGER SHIPS

*- an insurer's perspective*

Phillip Emmanuel, Regional Director, Asia Pacific – 24<sup>th</sup> June, 2015







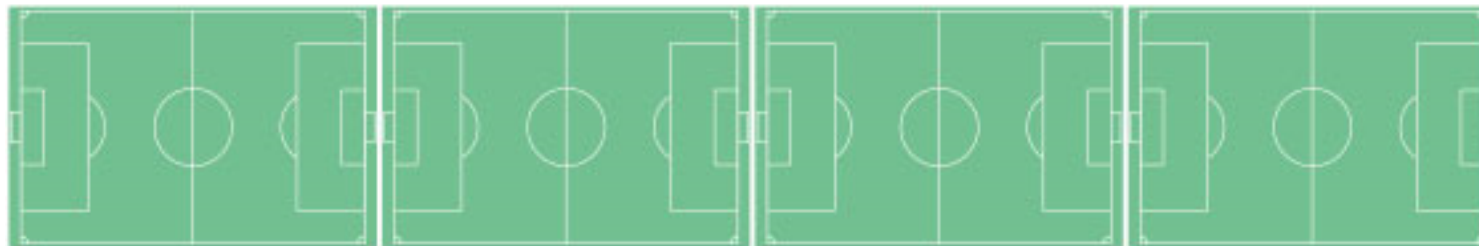
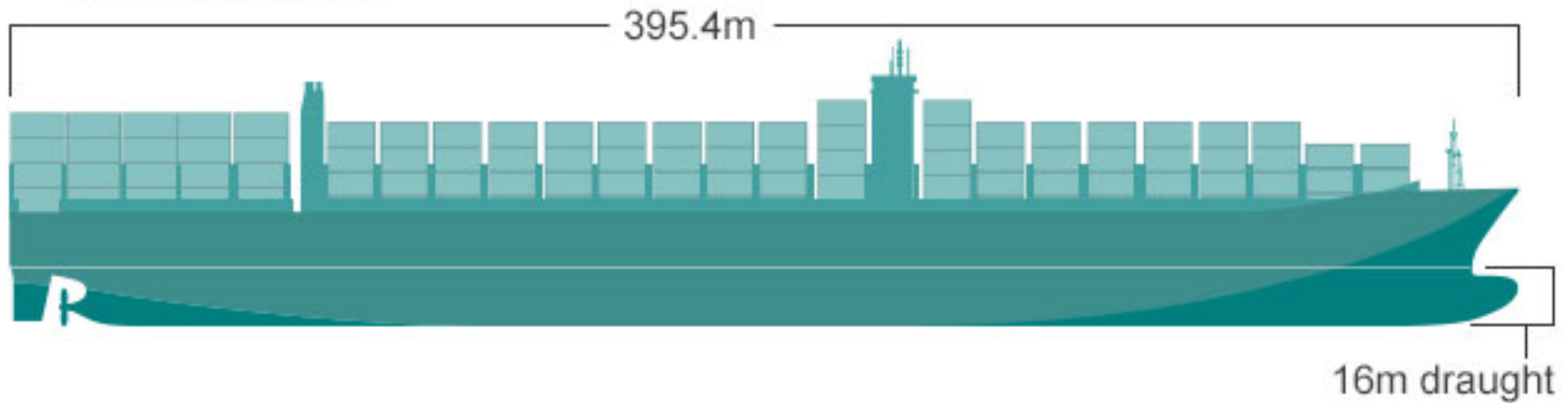




**MSC Oscar is the biggest container ship in the world**

Capacity: **19,224 containers**

Width: **59 metres**

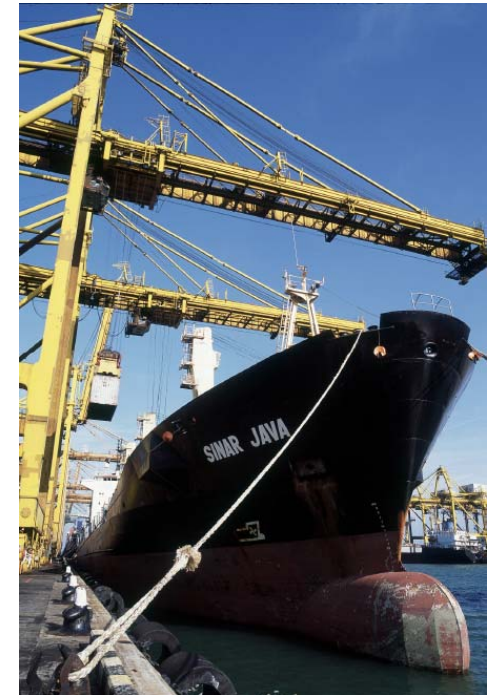


## Shipping Lines:

- Benefits of
  - reduced ship operating costs
  - lower cost per container moved
  - improved environmental impact
- Risks of
  - reduced manoeuvrability & increased ‘windage’
  - potential single loss of ship and cargo
  - missing optimum capacity targets

## Ports and Terminals:

- Risks of
  - initial & maintained berth & channel dredging
  - capex for longer berths, craneage & yard infrastructure
  - berthing challenges (tugs, mooring lines & bollards)
  - congestion within & outside terminal



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## **Impact of bigger ships**

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Typical incidents at ports & terminals	08
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Impact of incidents at sea	18
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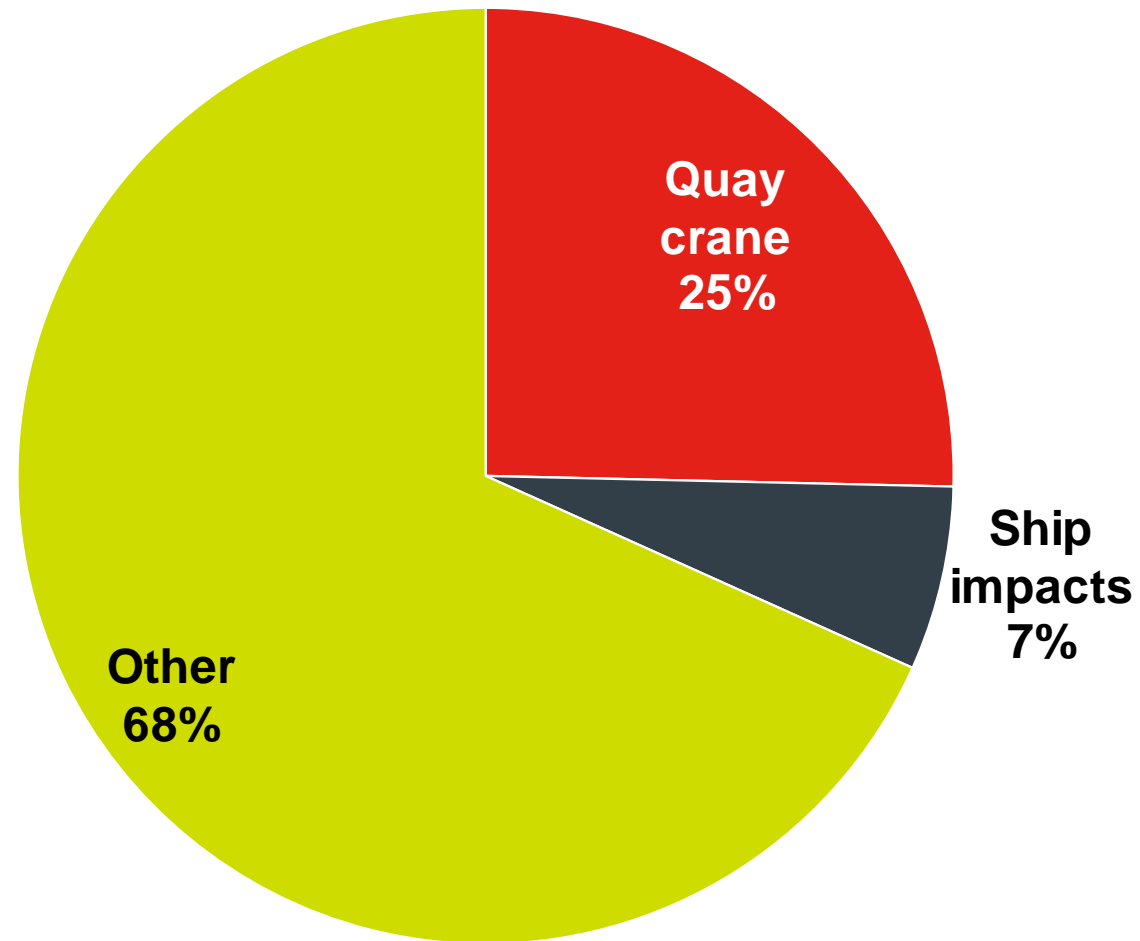
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Loss prevention actions & Conclusions	21
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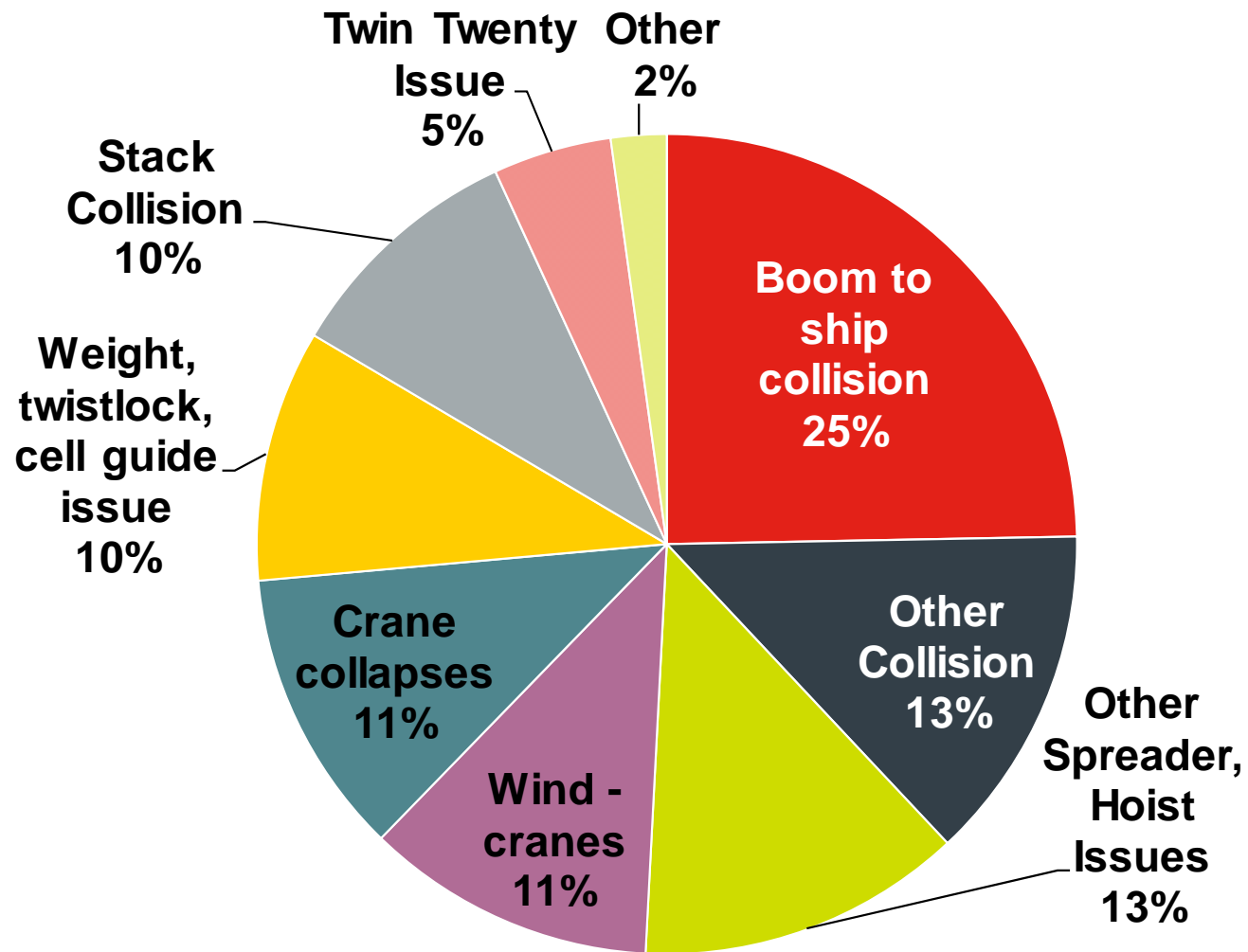






















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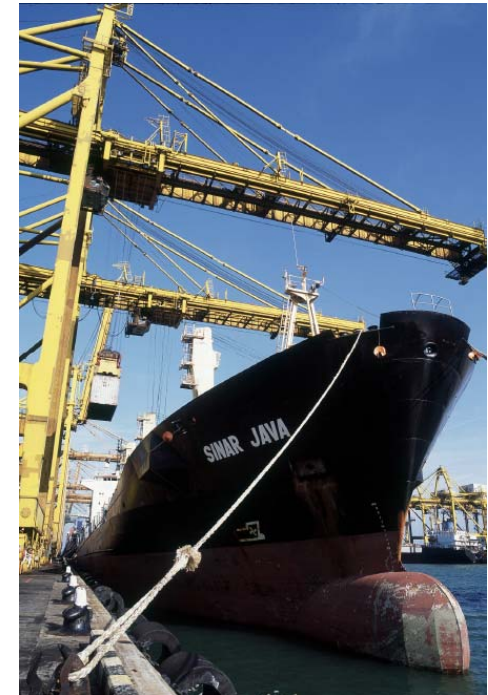


**Shipping Lines:**

- Ensure good master / pilot communications
- Contract for tugs of sufficient capacity & number
- Expect to go to sea when storm forecast

**Ports and Terminals:**

- Position quay cranes in the centre of the berth
- Specify & maintain cranes appropriately
- Expect & plan for storm conditions
- Consider automation



# Thank you

## Any questions?

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