

IMPACT OF BIGGER SHIPS

- an insurer's perspective

Phillip Emmanuel, Regional Director, Asia Pacific – 15th September, 2015



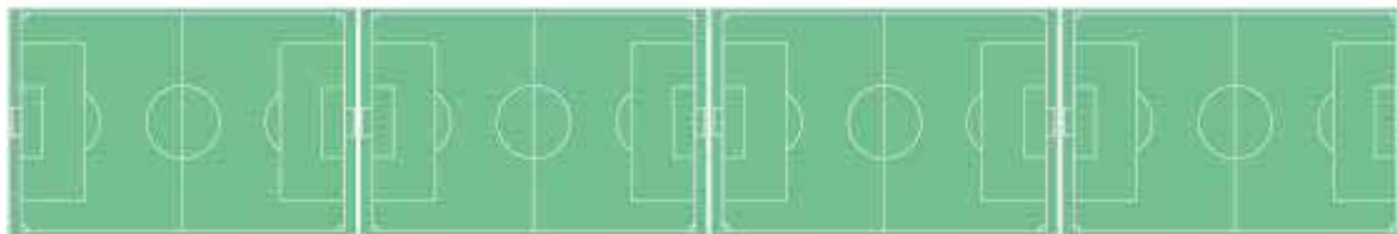
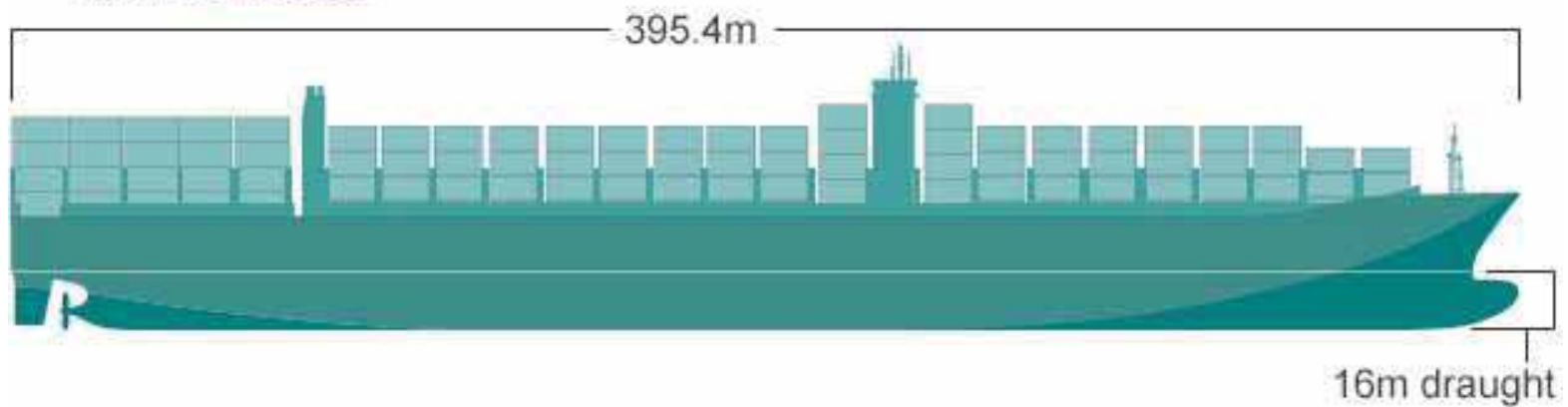




MSC Oscar is the biggest container ship in the world

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



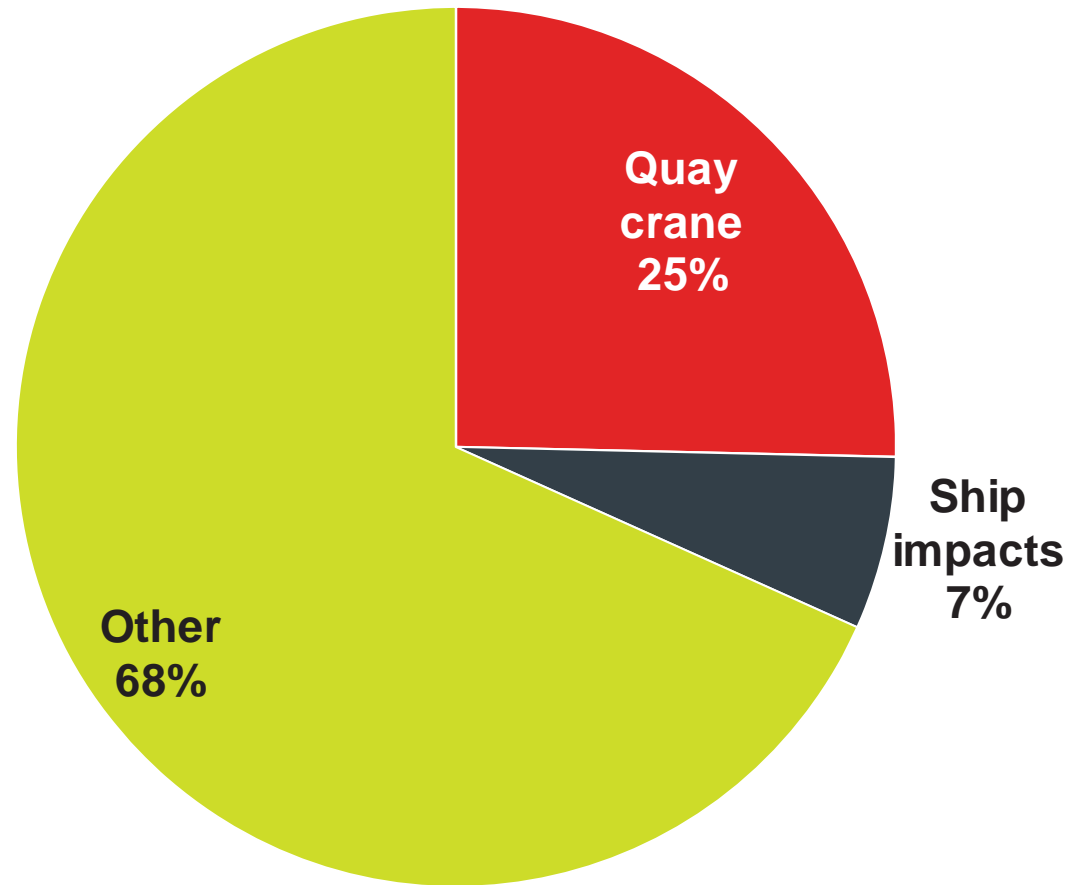
Impact of bigger ships

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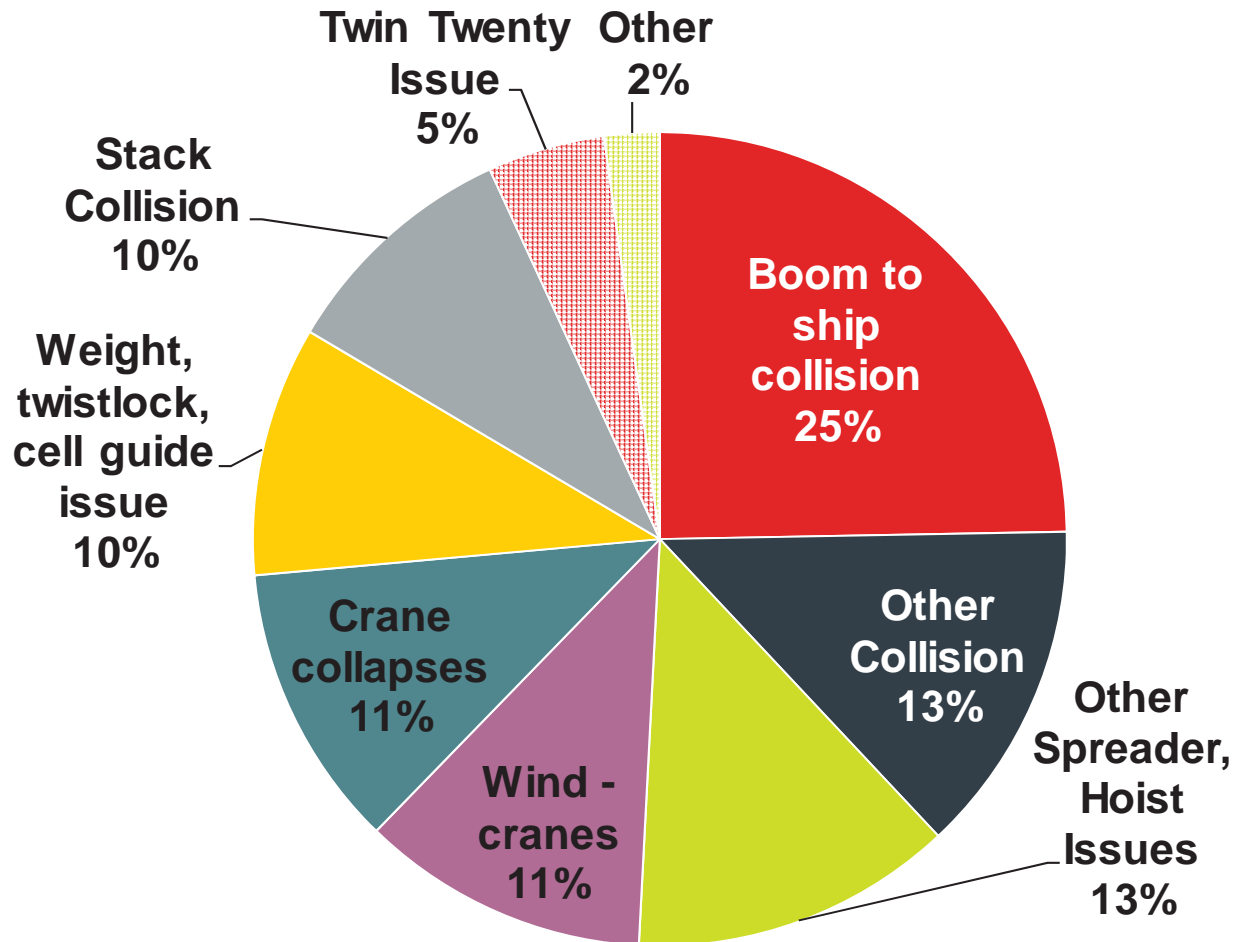
Loss prevention actions & Conclusions	21
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Shipping Lines:

- 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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