

Overview

- Irony timing.
- Brief overview of cargo role in casualties.
- Container weights and weighing.
- Speed over safety.
- The way forward.

“MOL COMFORT”

- Catastrophic hull failure.
- Weather/sea conditions.
- Possibly bending moments issues.
- Container distribution and weights.
- Design issues.
- Other factors.

How might cargo contribute to casualties?

- Explosions and fires.
- Hull failures.
- Sinkings.
- Is it cargo alone?

Calcium Hypochlorite (UN-2880)

- “ACONCAGUA”; “CMA DJAKARTA”, “CONTSHIP FRANCE” and “DJ HARMONY”
- Safe carriage of Calcium Hypochlorite.
- Unstable cargo or unsafe stowage?
- Use of reefer containers.
- “CHARLOTTE MAERSK”.

Misdeclaration of container weights

- “MSC NAPOLI”.
- 660 containers on deck – 137 had different weights to that declared (312 mt), one was 20 mt different and 7% of containers out of position.
- Enough to result in catastrophic hull failure?
- Averaging out of incorrect weights.
- “ANGEL N”.

Speed over safety

- Container industry designed for speed.
- Minimise costs of carriage.
- Impact on safety.
- Weighing of containers.
- Enquiries regarding dangerous goods.

The future

- Increased safety resulting in increased costs.
- “Christmas is cancelled”.

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