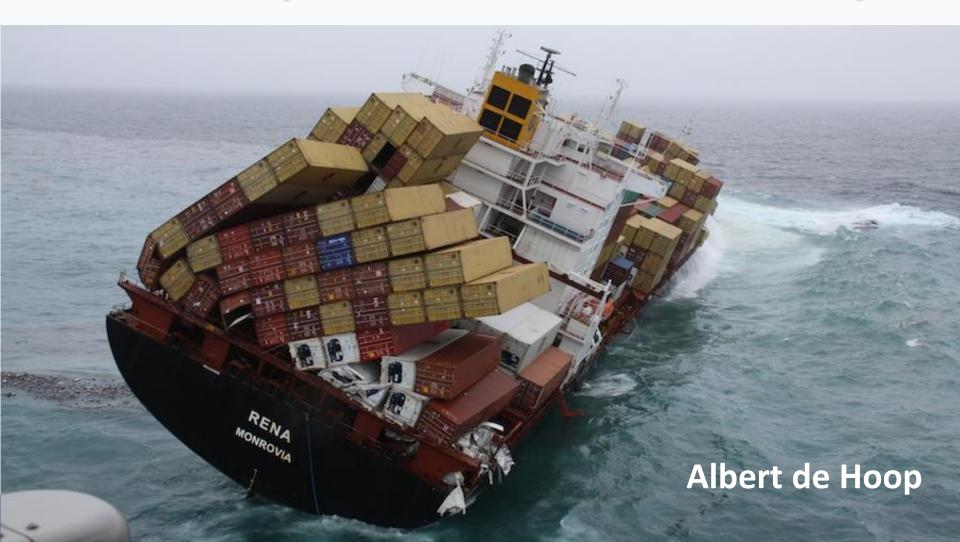


Compensation for container spills





Maritime accidents involving cargo ships (incomplete list)

2018	01/14 Burning oil tanker sinks off China after one week 01/07 Tanker and ship collision near Shanghai leaves 32 missing	2013
2017	09/12 Tanker, dredger collide in Singapore waters, 5 missing 06/16 USS Fitzgerald crash: 7 navy crew missing off Japan 04/02 Stellar Daisy: Growing concern for missing ship crew	2012
2016	 11/19 15 missing after collision between Vietnamese freighter and Indonesian sailboat 07/25 Ship hits wall of Panama Canal renewing design concerns 02/01 Rescuers tow capsized cargo ship before it hits French coast 01/31 Experts in last attempt to salvage drifting ship off France 	2011
2015	12/16 Six missing after tanker collision in Singapore Strait 11/23 Drunk Russian sailor crashes 7,000-ton ship into Scotland 10/31 Missing ship: El Faro 'found by search team' 10/04 Missing ship: Oil and debris found in hunt for El Faro 08/28 Barge tips, vehicles fall into Victoria harbor 05/03 Costa Rica shipwreck sparks toxic chemical spill alert 02/11 Union says 3 dead in Brazil oil ship explosion	2010
	01/22 U.S. naval ship grounded off Japanese coast01/04 Bodies of sunken Norwegian ship's captain, deputy identified01/04 8 missing after cargo ship capsizes off Scotland	2009
2014	 12/28 Turkish cargo ship sinks in Adriatic Sea, 2 dead 10/17 Container ship towed away from Canadian coast 04/03 South Korea says 2 North Korean cargo ship crew members dead, 11 missing 02/21 Ship loses more than 500 containers in heavy seas 	2008 2007

2013	11/17 Fire traps 32 crew on Danish cargo ship 05/08 Deaths as ship rams Genoa tower	
2012	12/05 Rescue under way after ships collide in North Sea 03/04 U.S. Navy rescues Iranian in capsized boat 01/14 Deadly explosion on S Korean ship 01/07 Stricken NZ cargo ship breaks up	
2011	11/26 Six missing in Irish Sea sinking 11/22 7 missing after South Korean ship sinks 10/10 NZ ship oil spill 'significant' 10/10 Spill NZ 'worst marine disaster' 10/09 NZ races to empty oil spill ship	
2010	 12/04 10 sailors missing after cargo ship sinks 09/05 Number of missing after boat capsizes 04/04 Ship aground near Great Reef off course 04/03 Alert over oil leak on Great Barrier Reef 03/04 Baltic Sea ice traps passenger, cargo ships 	
2009	12/21 UN ends search for ship survivors 12/17 Dozens missing as ship sinks 03/09 Freighter in collision may have sunk	
2008	05/11 Relief boat sinks, leaving aid in river 01/30 15 die as ships collide on Yangtze	
2007	07/24 Crew start leaving listing ship 02/08 Ship blocks Suez Canal	

Municipalities for Sustainable Seas





Lost containers photographed at a depth of 126 metres

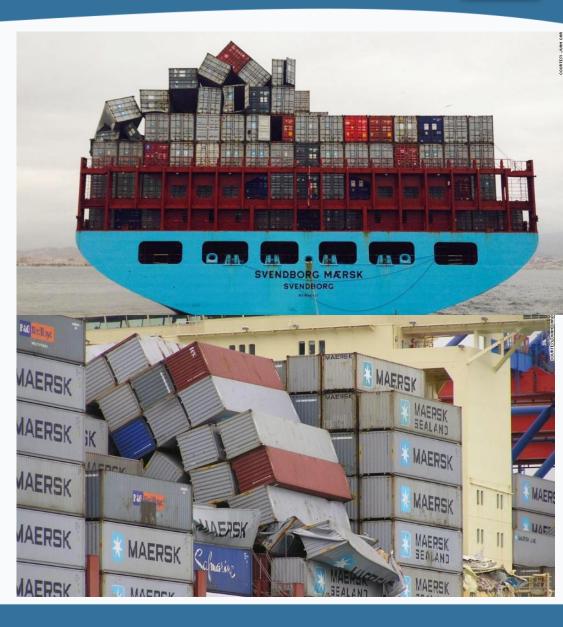
Compensation for container spills

Municipalities for Sustainable Seas



KIMO calls for:

the establishment of a Convention on Liability and Compensation for Damage in Connection with the Carriage of Non-Toxic Substances including strict liability on ship owners for pollution from their vessels, compulsory insurance for all vessels and a reserve fund to cover any shortfalls in compensation (KIMO Resolution 1/05)





KIMO Resolution 1/08

Establish the following measures:

- Ensure adequate load
 planning is implemented
 and enforced
- Implement a robust system for reporting of lost containers

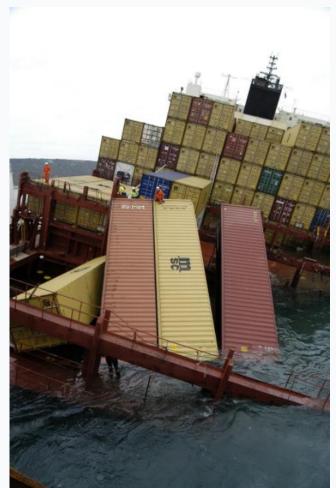




KIMO Resolution 1/08

Establish the following measures:

- Attach automatically activated beacons to all containers to facilitate retrieval
- Review the construction criteria for containers with regard to current stacking heights





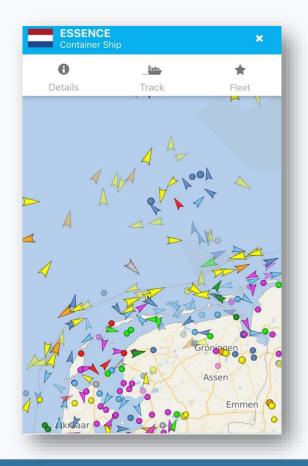
KIMO Resolution 1/08

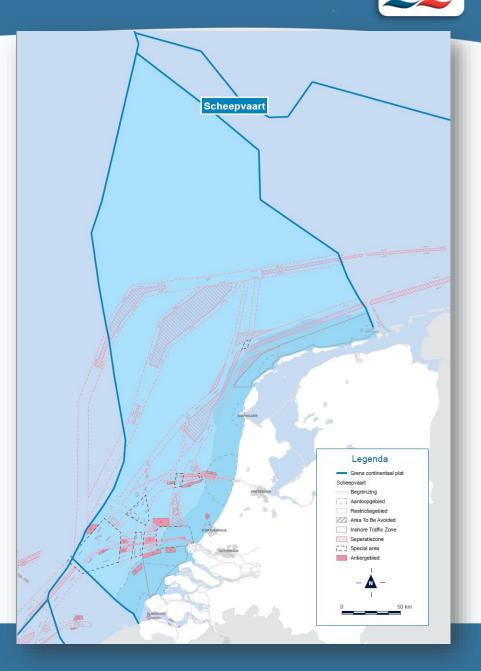
Establish the following measures:

- Review specifications and maintenance regimes for the twistlocks that attach containers
- Introduce financial penalties and compensation regimes for the retrieval of lost containers



Vessel traffic management: a potential solution?





KIMO

Compensation for container spills

Municipalities for Sustainable Seas









Thank you!





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