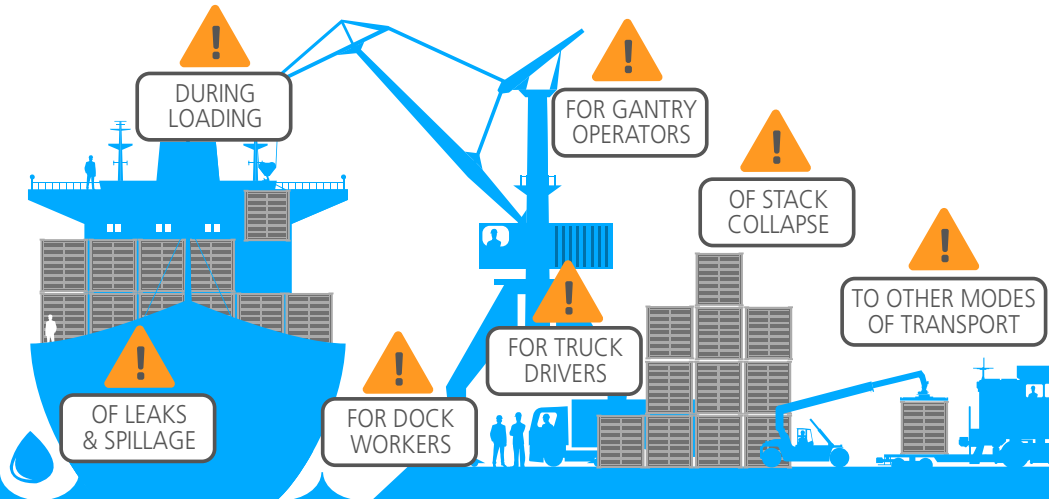


SOLAS Container Weight Requirements

What You Need to Know About the New Regulation

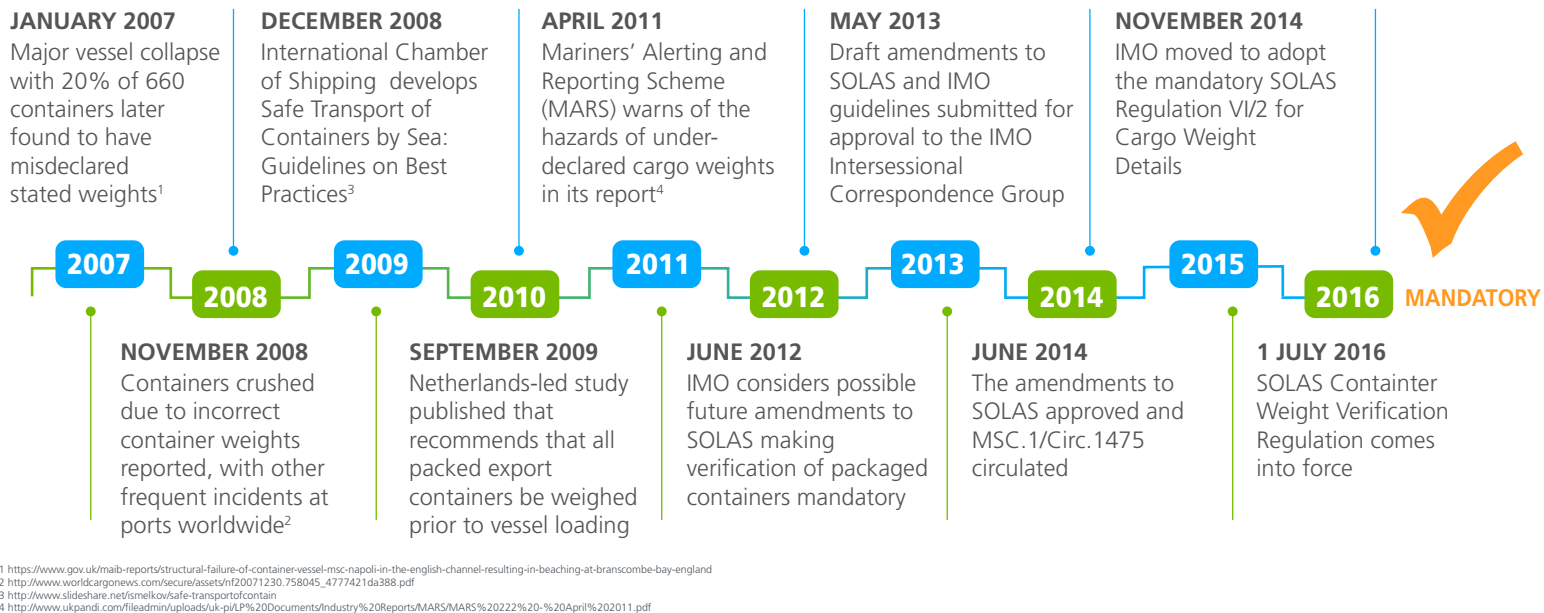
Verified container weights will become effective **beginning 1 July 2016**. At this time, all containers must be accurately weighed **prior to vessel loading**.

Misdeclared container weights have a **serious impact** on the stability of vessels, trucks and terminal equipment. This can pose safety concerns at the port and beyond including risks:



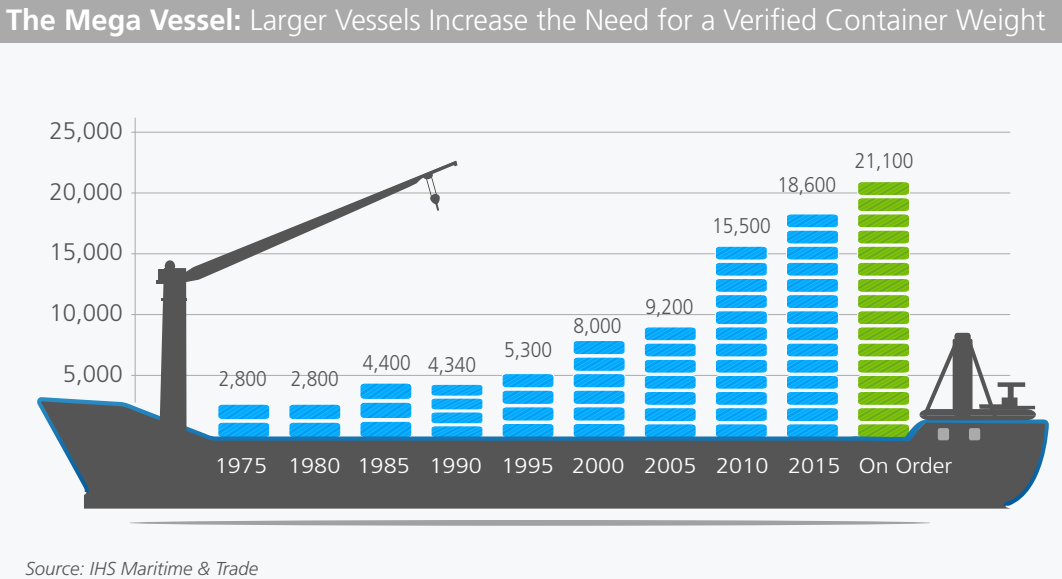
History of the SOLAS Container Weight Regulation

The regulation has been under development for some time, but is now **reaching critical enforcement milestones**.

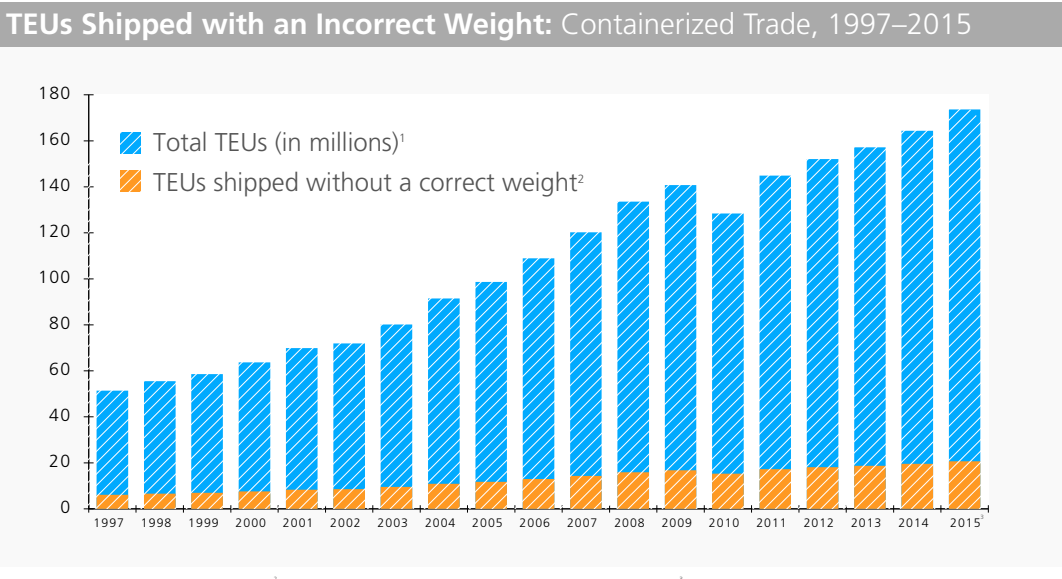


Statistics & Critical Analysis of the Regulation

The era of megaships is here as the global shipping industry increasingly turns to larger vessels to drive down costs. However, larger vessels (1) are more prone to instability, (2) could cause greater damage, or (3) result in a larger environmental impact- up to one million gallons of fuel oil.*



Approximately **10%** of ocean cargo may cite an inaccurate weight. This means that in 2015, and estimated **16,300,000 TEUs** (or a total of **200,500,000 TEUs** shown here) of cargo shipped without an accurate measurement, which speaks to an industry-wide problem.



Weighing Methodology Options

1. Weigh the container after it has been stuffed by an approved government agency and/or facility.

2. Separately weigh the cargo and contents, then add the total to the tare weight of the container.

Shippers, who are often the responsible party to ensure that containers are properly weighed, have **two options** to obtain an accurate weight. Option number two of the available methods is anticipated to be the more widely used approach.

Country-specific calibration tolerances and other scenario-driven differences will need to be refined.

The Regulation in Practice Across Participants

Covering 171 countries, the SOLAS Container Weight information is **also about moving data** as well as maintaining and improving safety standards. Carriers, forwarders and shippers should note that:

