

**Title:** Port Botany – Ultra Large Container Ship Windage Area

**Reference:** Safe Handling ULCS in Strong Wind – Swedish Maritime Administration.  
Port of London – Notice to Agents – 9 of 2017

**Attachments:** None

**Description:**

In addition to other necessary information, the master of any container ship greater than 300 meters in length is required to submit the CALCULATED LATERAL WINDAGE AREA for their vessel. This will allow the pilot of the vessel to adequately assess the towage requirements in advance of boarding and dynamically risk assess the intended manoeuvre for higher winds.

Please find an example of these calculations in the illustration below.

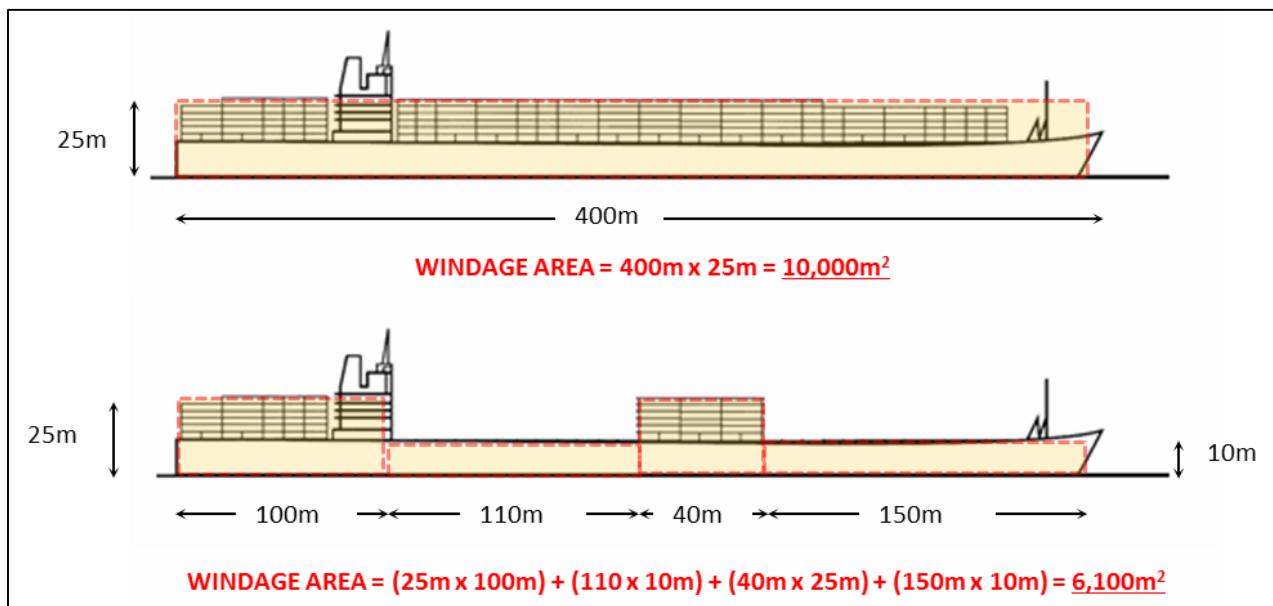


Figure 1 - Illustration of how different loading conditions can give different windage areas

The calculated figure is provided on the stability report that is produced for the current loaded condition.

On arrival into the port the lateral windage area can be taken from the previous port's departure loaded conditions and submitted by the agent through SHIPS.

Prior to departing the berth the lateral windage area should be relayed to the pilot, via "Sydney VTS" as soon as loading is completed. A pre-calculated lateral windage area can be provided in advance assuming there is no significant change to the loading plan.