



SHIP SAFETY BULLETIN

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Subject:

LOADING AND UNLOADING EXPLOSIVES

The following should be applied for transportation

This SSB explains paragraph 155(2)(b) of the *Cargo, Fumigation and Tackle Regulations* (CFTR), as it applies to packaged explosives of 25 kg or more (net explosive quantity), other than Class 1.4S, that are being loaded onto or unloaded from a vessel.

Paragraph 155(2)(b) of the CFTR refers to the *Quantity Distance Principles User Manual* published by Natural Resources Canada's Explosives Safety and Security Branch. This tool helps inspectors of explosives (as defined in the *Explosives Act*, section 2) determine the maximum amount of explosives to store in a facility, while minimizing the risks of damage and/or injury in case of explosion.

IMPORTANT NOTES:

- Natural Resources Canada is updating the *Explosives Regulations*. As a result, the Standards Council of Canada and the Bureau de normalisation du Québec have:
 - revised the *Quantity Distance Principles User Manual*; and
 - published a **new** National Standard of Canada (CAN/BNQ 2910-510/2015) *Explosives — Quantity Distances* (see <https://www.bnq.gc.ca/english.html>).

Natural Resources Canada's Explosives Safety and Security Branch is incorporating the reference to the new standard into the updated *Explosives Regulations*.

- Due to these changes, the term “*Quantity Distance Principles User Manual*” in the CFTR now refers to the new National Standard of Canada (CAN/BNQ 2910-510/2015) *Explosives — Quantity Distances*.
- Paragraph 155(2)(b) of the CFTR does not apply to ports and does not require wharfs or port facilities to assess their sites against the *Explosives — Quantity Distances* standard. This means the port authorities must decide whether or not they need to carry out this assessment.

BUT with regards to loading packaged explosives onto a vessel or unloading them from a vessel, Transport Canada will allow handling only of the amount of cargo established using the *Explosives — Quantity Distances* standard for that wharf or port facility.

Keywords:

1. Explosives
2. Quantity Distance Principles
3. Notification

Questions concerning this Bulletin should be addressed to:

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- Subsection 155(1) of the CFTR requires ship masters to give the nearest Transport Canada Marine Safety and Security office and respective port authorities **at least 24 hours' notice** of their intention to load or unload packaged goods that are explosives (other than Class 1.4S), when their net explosive quantity is 25 kg or more.