

From: MacCaull, Garry [MACCAUG@tc.gc.ca]
Sent: Friday, June 22, 2007 9:01 AM
To: Myles,Debra [CEAA]
Cc: Cormier, Jim; Balaban, Mihai; Prentiss, Jon
Subject: Answers to questions 27 & 28 from Review Panel on White's Point
EA

Debra - Here are the answers and references to the questions asked by the Review Panel regarding Transport Canada presentation on 20 June 2007 in Digby.

Question 27: Clarify the regulatory requirements for the release of bilgewater from a bulk carrier while in port and engaged in loading of material.

To be more specific, my understanding of the question was regarding bilgewater that contained cargo residues other than a cargo residue that is a pollutant. Under the "Regulations for the Prevention of Pollution from Ships and for Dangerous Chemicals" this type of bilgewater would not be allowed to be discharged while the vessel is in port. This type of cargo residue is allowed to be discharged as far as practicable from the nearest land but under no circumstances shall the discharge from the nearest land be less than 3 nautical miles at the time of discharge [reference Division 5, subdivision 2, section 140 (c) of the regulation].

Question 28: Clarify if ballast water exchange required by regulation results in a 100 per cent exchange.

Answer, reference section 8 of "Ballast Water Control and Management Regulations".

Ballast Water Exchange Standard

8. (1) A measurement of volumetric exchange or ballast water salinity does not include the sediment that has settled out of ballast water within a ship.

(2) A ship that exchanges ballast water shall attain

(a) an efficiency of at least 95 per cent volumetric exchange; and

(b) a ballast water salinity of at least 30 parts per thousand, if the exchange of ballast water is conducted in an area not less than 50 nautical miles from shore.

(3) In the case of a ship that exchanges ballast water through flow-through exchange, pumping through three times the volume of each ballast tank shall constitute 95 per cent volumetric exchange, unless the ship provides evidence in its ballast water management plan that pumping through less than three times that volume achieves 95 per cent volumetric exchange.

The links to the above noted regulations are:

<http://www.tc.gc.ca/acts-regulations/GENERAL/C/csa/regulations/400/csa450/csa450.html>

<http://www.tc.gc.ca/acts-regulations/GENERAL/C/csa/regulations/400/csa448/csa448.html>

I trust this answers the Panel's questions. Request that you acknowledge receipt of this email, thank you.

Garry MacCaull
Senior Marine Inspector
Marine Safety - Transport Canada