

Category 3 Marine and MARPOL Annex VI Fuel Sulfur Requirements

	2010	2011	2012	2013	2014	2015	2020
Worldwide fuel sulfur content (“any fuel oil used onboard ships” per Regulation 14.1)		45,000 ^a	35,000	35,000	35,000	35,000	5,000
Sulfur content (per Regulation 14.4) of fuels used in ECAs that have entered into force	15,000 until July 1; 10,000 on and after July 1	10,000	10,000	10,000	10,000	1,000	1,000
Sulfur content of fuels used in the North American ECA^b	N/A (see worldwide sulfur standards)	N/A (see worldwide sulfur standards)	N/A until August 1; 10,000 beginning August 1	10,000	10,000 ^c	1,000	1,000

a- All sulfur standards begin on January 1 of a given year, unless otherwise noted.

b- The amendments adopting the North American ECA enter into force on August 1, 2011; per the requirements of Regulation 14.7, during the first year after an amendment designating a new ECA, ships operating in that ECA are exempt from the fuel sulfur requirements of Regulation 14.4 and 14.6. Thus, the fuel requirement enters into force on August 1, 2012.

c- Per the C3 Marine rule (§§80.510(k) and 80.511(b)(9)), marine fuel for use in an ECA must be produced at the 1,000 ppm sulfur level beginning June 1, 2014, terminals transition by August 1, 2014, retailers/WPCs transition by October 1, 2014, and in use by December 1, 2014.