

ARB Adopts Stringent Emission Standards for Inboard and Sterndrive Marine SI Engines – On July 26, 2001, the Air Resources Board adopted emission standards for inboard and sterndrive marine engines that will require the installation of three-way catalyst systems. The standards adopted by ARB are shown in Table 1 below:

Table 1
Proposed ARB Emission Standards for Inboard and Sterndrive Marine SI Engines

Model Year	Standard
2003	15 g/kW-hr HC+NO _x (average)
2007	5 g/kW-hr HC+NO _x (40% sales)
2008	5 g/kW-hr HC+NO _x (70% sales)
2009	5 g/kW-hr HC+NO _x (100% sales)

The standards, which were supported by the marine industry, accelerate the percent phase-in requirement that was originally proposed by the staff. Also, the small manufacturer exemption was eliminated. In exchange, the marine industry was given more time to evaluate appropriate misfire detection mechanisms. The rule calls for a technology review in 2003. For more information, visit the ARB web site at www.arb.ca.gov/regact/marine01/marine01.htm