

U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard
Recreational Boating Product Assurance
Division

2100 Second Street, S.W.
Washington, DC 20593-0001
Staff Symbol: G-OPB-3
Phone: (202) 267-0984
Fax: (202) 267-4285
Email: PCappel@comdt.uscg.mil

5720
September 10, 2004

Mr. Fernando Garcia
Bombardier Recreational Products U.S., Inc.
1400 I Street, NW
Suite 1260
Washington, DC 20005

Dear Mr. Garcia:

The United States Coast Guard's Office of Boating Safety would like to compliment Evinrude on its development of the ETEC outboard engine technology. Our Office is responsible for improving recreational boating safety on America's waterways, and part of this mission is to ensure that boat and marine engine manufacturers provide products that enhance boating safety.

A priority concern for our Office has been the level of carbon monoxide (CO) exposure to people in and around recreational boats. Sources of CO emissions have been documented to be the primary propulsion powerplant (e.g. outboard engine) and/or the electrical power generator. We have, in recent years, coordinated CO workshops aimed at identifying effective control strategies to minimize the risk of CO hazards on recreational boats.

One valuable control strategy identified during the 2004 Miami Boat Show workshop was the Evinrude ETEC outboard engine technology. In addition to the technical data (and supporting EPA certification data) presented at the workshop, a recent NIOSH CO study documented the low CO levels emitted by this device. Such technologies will greatly aid in our goal of minimizing, if not eliminating, CO hazards associated with recreational boats. To this end, the Office of Boating Safety is hopeful that ETEC-type outboard engine technology will be promoted to recreational boaters, both in new and re-powered boat installations.

Congratulations to Evinrude on this accomplishment.

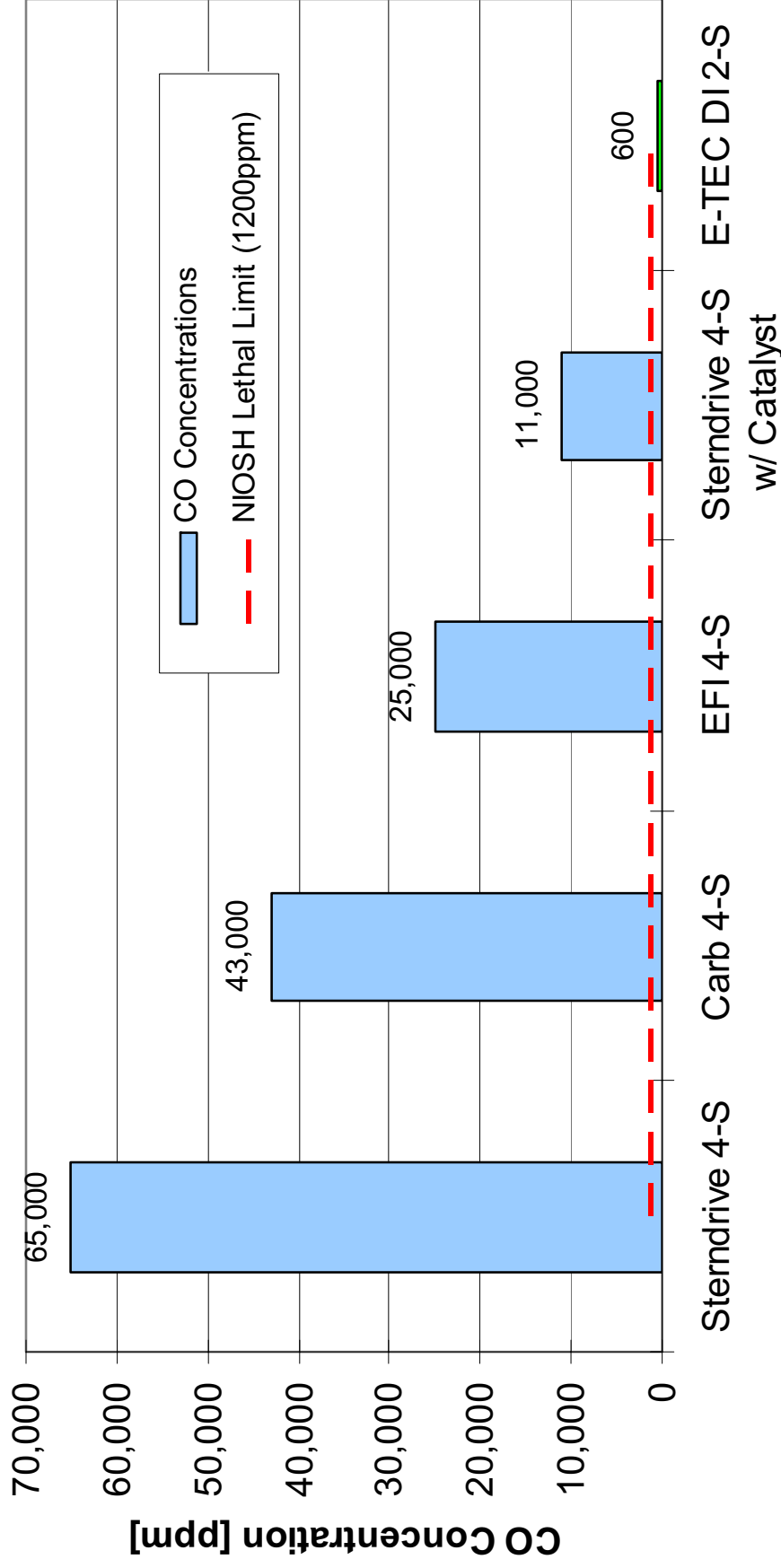
Sincerely,

A handwritten signature in black ink that reads "Jeffrey D. H. Evans, Acting". The signature is written in a cursive style.

S. H. EVANS
Captain, U.S. Coast Guard
Chief, Office of Boating Safety
By direction of the Commandant

NIOSH Exhaust CO Emissions

Exhaust CO Emissions at IDLE for Various Marine Engine Technologies



Source: National Institute of Occupational Safety and Health