

# **THE U.S. NAVY'S CONCERNS FOR DIESEL ENGINE EMISSIONS AND ASSOCIATED TECHNOLOGIES**

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Development of environmental technologies for diesel engines is a U.S. Navy priority, but declining budgets have constrained Navy investment in recent years. Emerging environmental regulations for marine engines have established clear trends toward more stringent standards in the future. Unique Navy operational requirements, the marine environment, and distinct marine engine models render the operating mechanisms of some land application technology concepts ineffective and enhance the viability of other technology concepts. Some of the attractive technologies may not be suitable for global operations and the varied missions of national security. Marine operation, Navy constraints, and appropriate technology investments will be reviewed.