1. Record Nr. UNINA9910777420703321 Shipboard pollution control [[electronic resource]]: U.S. Navy Titolo Compliance with MARPOL Annex V / / Committee on Shipboard **Pollution Control** Washington, D. C., : National Academy Press, 1996 Pubbl/distr/stampa Descrizione fisica 1 online resource (68 p.) Disciplina 363.7394 Soggetti Ships - Waste disposal - Government policy - United States Marine pollution - Law and legislation - United States Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto ""SHIPBOARD POLLUTION CONTROL""; ""Copyright""; ""Preface""; ""Acknowledgments""; ""Contents""; ""Executive Summary""; ""Shipboard Pollution Control: The U.S. Navy and MARPOL, Annex V"". ""Recommendations""; ""1 Introduction""; ""Fleet Overview""; ""Operational Environment""; ""Managerial Aspects""; ""Technology""; ""U.S. Navy 1993 Plan""; ""Compliance Activities of Other Navies""; ""United Kingdom""; ""Germany""; ""U.S. Coast Guard Compliance Plan""; ""2 Mechanical Methods""; ""Shredders and Compactors""; ""Pulpers""; ""Food Contamination""; ""Mechanical Processing Equipment"" ""3 Incineration""""Introduction""; ""Applicability of Incineration to Navy Vessels""; ""Factors in the Use of Incineration""; ""Feed Systems""; ""Incinerator Grates""; ""Combustion Chambers""; ""Cooling Systems""; ""Emissions"": ""Organic Compounds"": ""Particulate Matter"": ""Acid Gas""; ""Health and Air Quality Concerns""; ""Obstacles to Incineration""; ""Short-Term Implementation of the Incineration Option""; ""4 Long-Range Options: Competition for Incineration""; ""Alternative Destruction Technologies/Competitors for Incineration""; ""Pyrolytic Methods"" ""Plasma Arc Thermal Conversion Technology""""Vitrification"": ""Molten Metal Pyrolysis""; ""Oxidative Methods""; ""Supercritical Water Oxidation"": ""Other Oxidation Methods"": ""Molten Salt Oxidation"": ""Shipboard Compatibility""; ""Discussion""; ""5 Integrated Systems

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""Measurements of Shipboard Incinerator Emissions""; ""EPA Standards for Municipal Incinerators""; ""Protocol for Characterization of Air Emissions from Navy Shipboard Incinerators""

""Gaseous Emissions from Plastics Compactors: R&D Needs""""Pollutant Dispersion in the Marine Boundary Layer""; ""Summary and Conclusions""