
This book identifies and evaluates options for the disposal of U.S. Navy and U.S. Maritime Administration (MARAD) ships. Four options are considered: long-term storage, domestic recycling, overseas recycling, and reefing (i.e., the sinking of ships to build artificial reefs). The authors examined the use of private and public U.S. shipyards, international organizations, and partnerships between U.S. and foreign companies. The study took applicable environmental and worker health and safety regulations into account to arrive at estimates of the costs, benefits, capacities, capabilities, feasibility.

A previous RAND Corporation study (Hess et al., Disposal Options for Ships, MR-1377-NAVY, 2001) reviewed such disposal options, including recycling (either domestically or overseas) and long-term storage. Preparation and use of ships for construction of artificial reefs was identified as the lowest-cost domestic option for ship disposal. In the research reported here, we examine the demand for ships as reefs and the impediments to such use. Over the next 20 years, after accounting for unfunded forms of ship disposal such as donations, sales, or transfers to foreign governments and private interests, more than 350 Navy and Maritime Administration (MARAD) vessels will require some form of government-funded disposal. The shipping industry has options to comply with IMO 2020. One is to clean its exhaust gases with a scrubber technology to reduce the output of SOx. We know IMO 2020 - is opting for cleaner shipping for cleaner air. The video below covers significant benefits for both human health and the environment. Benefits such as 77% reduction in SOx emissions from ships, a significant boost for health with reductions in pulmonary and cardiovascular diseases, prevent acid rain, and ocean acidification. Cleaner Shipping for Cleaner Air. source: IMOHQ, IMO 2020 - Cleaner shipping for cleaner air, via YouTube. The IMO notes five beneficial key changes from IMO's Sulfur limit. 1. Cleaner air due to sulfur oxide reduction. 2. Positive impacts on human health. 3. Reduced fuel costs. 4. Reduced maintenance costs. 5. Improved maritime safety and security. You can also purchase this book from a vendor and ship it to our address: Internet Archive Open Library Book Donations 300 Funston Avenue San Francisco, CA 94118. Better World Books. Amazon. More. Bookshop.org. When you buy books using these links the Internet Archive may earn a small commission. Benefits of donating.