

4. *Cost-benefits*

To estimate the cost-effectiveness ratio for each combination of tank vessel model and measure, an annualized cost of compliance calculation was divided by the annualized total expected oil outflow avoided. Because operating and voyage costs differ significantly

depending on whether the tank vessel is deployed in the international or U.S. coastal fleet, cost-effectiveness ratios were developed separately for the tank vessel models by these fleet categories. These ratios were also developed assuming the tank vessels have another 5 years of remaining service life;

however, the ranking of the results of the analysis do not change if a longer remaining service life is assumed. Table 4 summarizes the cost-effectiveness ratios attained in this screening analysis.

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