

ABSTRACT

Filtration in The Marine Industry

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The national and international marine industry provides unique challenges and opportunities to filtration and separation engineers and manufacturers. Ships are portable and independent communities that essentially contain all propulsive, industrial and domestic processes that exist ashore. Just like ashore, the maritime industry has become more environmentally regulated and new regulations continue to be introduced. However, in addition to the limitations that are encountered ashore there are additional problems that are associated with shipboard installations such as international regulations, training problems, technical feedback problems and the space and time restrictions that are unique to the shipboard environment. This presentation discusses these issues and shows in which ways the maritime industry leads and lags in filtration and separations technologies and design and identifies the emerging opportunities for the filtration and separation industry.