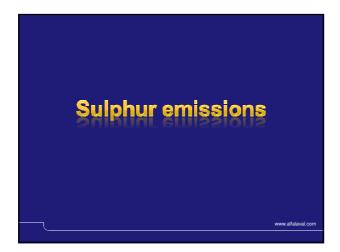
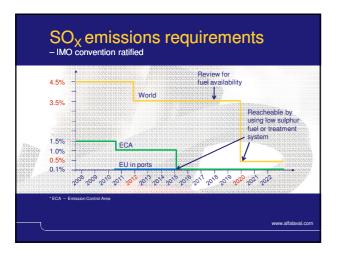


Market potential – BWT
* Alfa Laval estimates that 35,000 ships will be affected over a ten-year period. About 15,000 newly built and 20,000 existing.
Estimated average order value per ship: EUR 200-250,000 over time.
* Alfa Laval has and intends to keep a market leading position.
www.alfalaval.com
. www.airaiavai.com







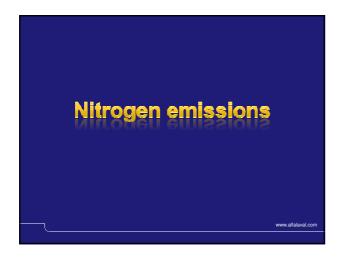


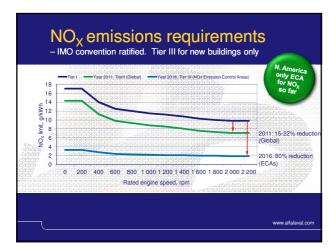
Alfa Laval PureSO _X	
PCADA RELIGIOUS DIDS SEAMANS	21 MW installation in operation since June 2010. 28 MW installation starting up Q4 2012 Systems from 1 ~ 80 MW available to cover all ship sizes in the market Recently commercially launched and available for all sizes for both new buildings and retrofit
	www.alfalaval.com

Market potential - SOx

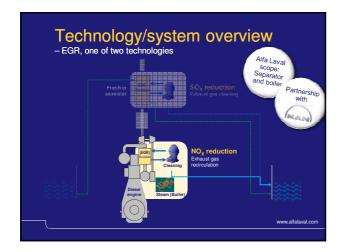
- * Alfa Laval estimates that 5,000 ships will be affected, i.e. ships sailing >50 percent in the Northern European ECA. In this group, Alfa Laval focuses on bigger, and newer existing vessels as well as newly built ships, representing 1,000-2,000 ships over a five-year period.
- * Alfa Laval PureSOx, average order value per ship: EUR 2-3 million.
- * Alfa Laval intends to take a market-leading position.

www.alfalaval.cor



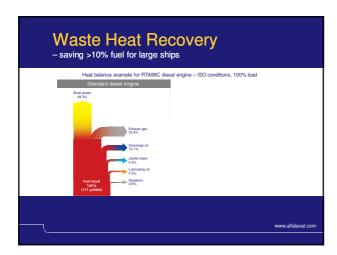


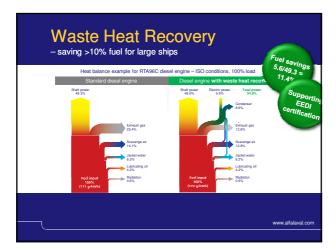












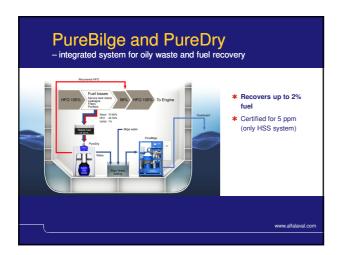




* WHR for main engines: this is an already existing market. Alfa Laval's current volume is approximately EUR 30-40 million per year. * WHR for auxiliary engines: This is a new product. Many oceangoing vessels could benefit from this type of solution. Price level around EUR 70,000.

www.alfalaval.c











* Alfa Laval expects to sell 100 units in 2013. Over time this product will be attractive to most oceangoing vessels. * The price level of this product is >EUR100,000. * Alfa Laval is alone in the market with this product



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"Optimizes customer processes"	
Optimizes customer processes	
PureDry Case Study: Silja Symphony April 2012 Savings up to -1 000 (fday for a large star.)	
PureDry recovers more than 150 tons	
In November 2010, the Baltic ferry MS Silja Symphony installed PureDry,	
usable fuel from waste fuel oil. Symphony's Chief Engineer Mats Göras relates	
that since commissioning, the PureDry unit has revocered more than 150 m³ of oil, which has been returned to the bunker tanks for re-use. "With bunker oil at today's prices, this has meant a significant reduction in fuel costs for us, "says	
Göras, "we have also cut our costs for landing waste oil."	
www.alfalaval.com	
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* Aalborg acquisition has strengthened our position	
 Leading position in solving environmental needs and saving energy and CO₂ 	
★ We are continuously bringing new innovations to	
the market	
www.alfalaval.com	

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