Peer Review of TECHNOLOGY ASSESSMENT: OCEAN-GOING VESSELS

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* Page 7 – Tonnage range too low

*Tankers can range in size from several hundred tons to several thousand tons*

* Page 9, Figure II-10. Most auxiliary boilers are not superheated. You have a schematic of a boiler used on a steam propulsion ship which are normally superheated.
* Page 14 – Tier III applies to keel laid date not build date.
* Page 26 – Introduction of Tier III engines starts in 2016. Full penetration of Tier III engines would like not come until after 2040 assuming a 25 year replacement cycle. Given the pre-buying of 2015 engines, it is possible that significant NOx reductions won’t be seen until after 2045. Tier III engines can operate in Tier II mode when outside ECA waters.
* Page 46 – Slide valve retrofits are available for 50 cm bore engines as well. It is available for S50MC, S60MC and S70MC MDT engines.
* Page 55 – “at” missing -- The EGR-HPE boiler allows waste heat recovery to occur at lower engine loads
* Page 97 on – Figure number missing in text – Figure III-?