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**Sirota A.A., Radchenko А.N., Konovalov D.V., Radchenko**

**N.I. Waste heat recovery systems for cooling of cyclic air of marine diesels// Internal combustion engines. – 2008. – №1. –**

**P. 114-119.**

**The effectiveness of cyclic air cooling of marine diesels**

**by ejector refrigeration machine, recovering the heat of exhaust**

**gases was analyzed. The characteristics of waste heat recovery**

**system for air cooling were calculated: such as specific heat**

**loads on the steam generator of low-boiling and high pressure**

**working fluid, the evaporator-air cooler, decrease of the air**

**temperature at the inlet of diesels. It was shown, that the application**

**of ejector air cooling machine provides reducing the**

**temperature of cyclic air by 20…40 ºC and increasing the efficiency**

**of marine diesel by 1…2 %. The schemes of waste heat**

**recovery systems for air cooling are proposed. Il. 4. Bibliogr. 2**

**names.**