

Title: **Gear Failures - Lessons Learned**

Author: Timo Rauti, *Rolls-Royce Oy Ab*

Abstract

In general gear failures are very rare events. The basic dimensioning of the gears is very trivial and follows commonly used standards. Whenever a gear breaks it will result in a total overhaul of the thruster. This is extremely unfavorable for the business.

The purpose of this presentation is to present the findings from the investigations of the experienced failures and present new procedures and design changes that make the thrusters even more robust.

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