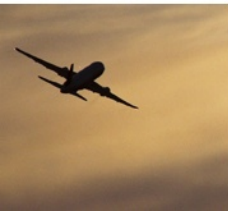


FANS1/A Performance NZZO

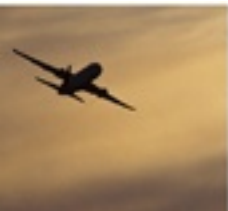
ISPACG FIT/20 WPXX

Auckland, New Zealand, 26-27 February, 2013



Introduction

- **Data gained from post implementation monitoring is used to measure FANS1/A system performance against Required Communications Performance (RCP) and Required Surveillance Performance (RSP)**
- **System availability measurement is based on reported outages by the CSP and observed outages in the FANS1/A application data records**
- **Overall performance is steady**
- **Detailed performance analysis is available on the CRA website at <http://www.ispacg-cra.com/>**

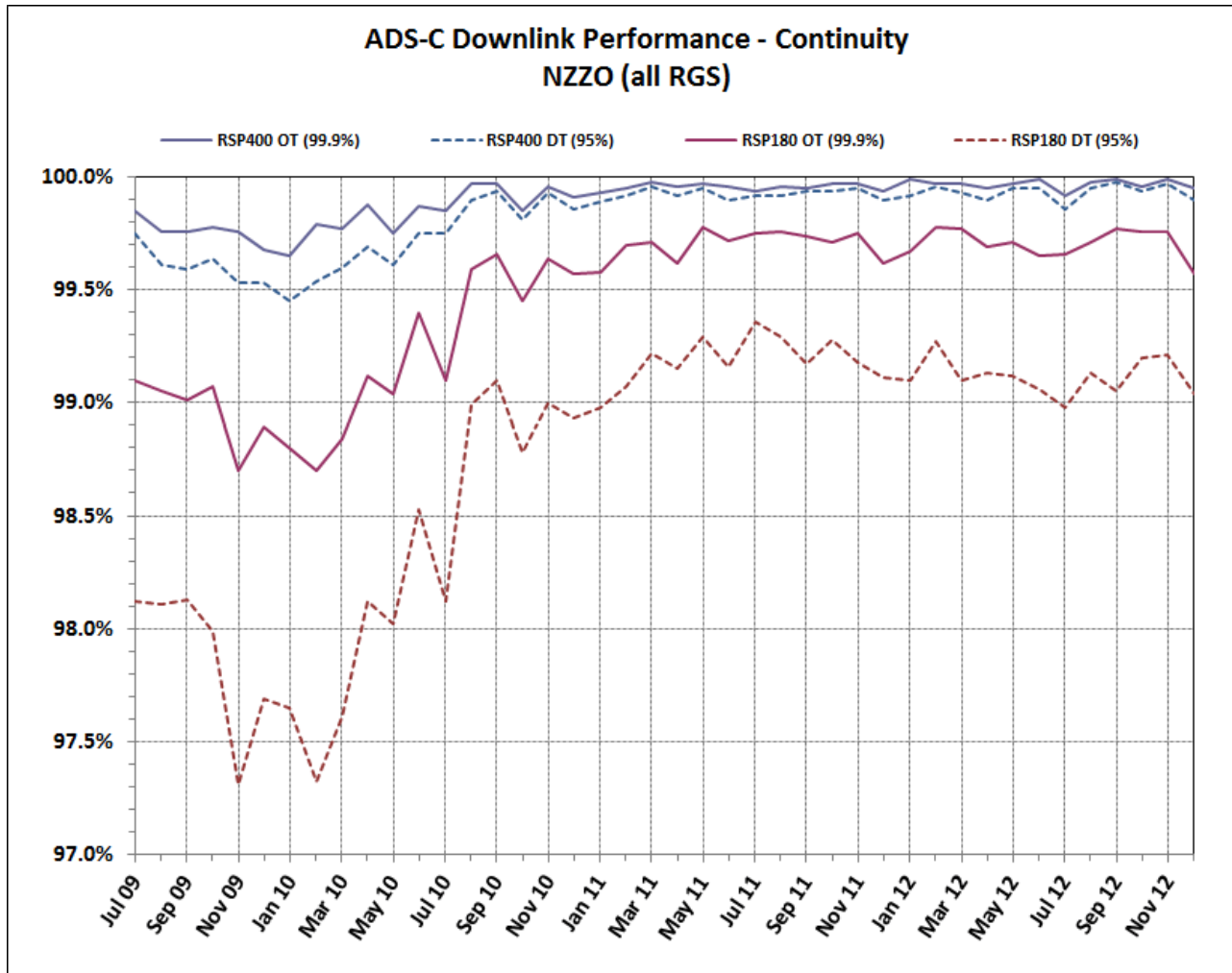


ADS-C Performance

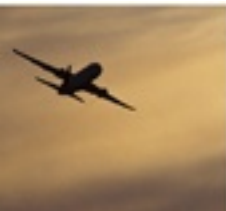
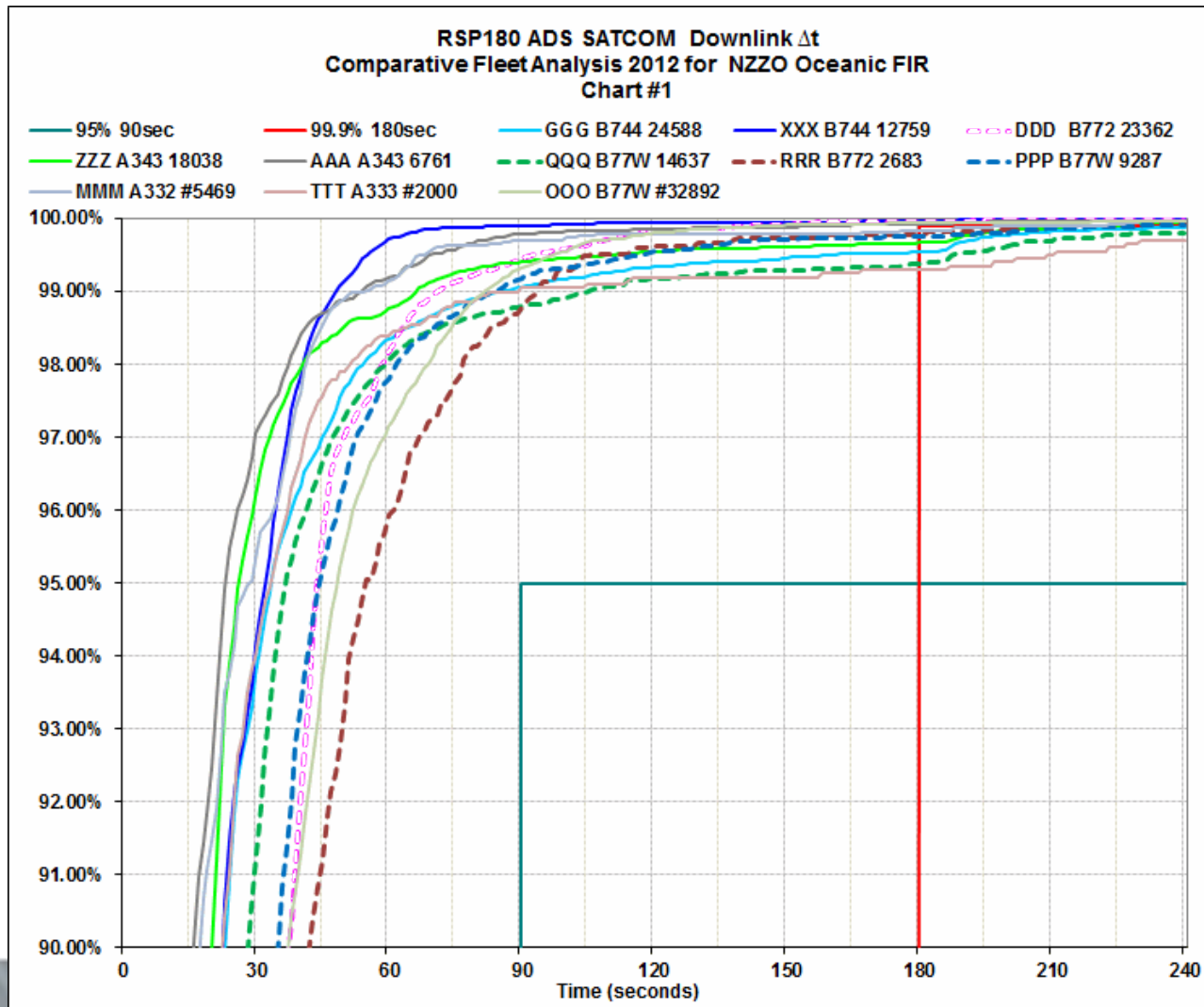
- The observed performance of ADS-C downlinks in 2012 shows little change from 2011.
- The RSP180 requirement is for 99.9% of downlinks to be received within 180 seconds, and for 95% of downlinks to be received within 90 seconds.
- We observed 99.7% within 180 seconds and 99.12% within 90 seconds in 2012.
- All of the 26 fleets monitored meet the 95% 90 seconds normal operations requirement.
- 11 fleets meet the 99.9% 180 second requirement, and a further 5 were above 99.5%.



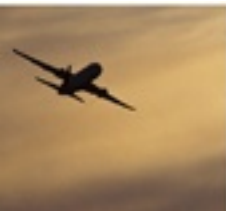
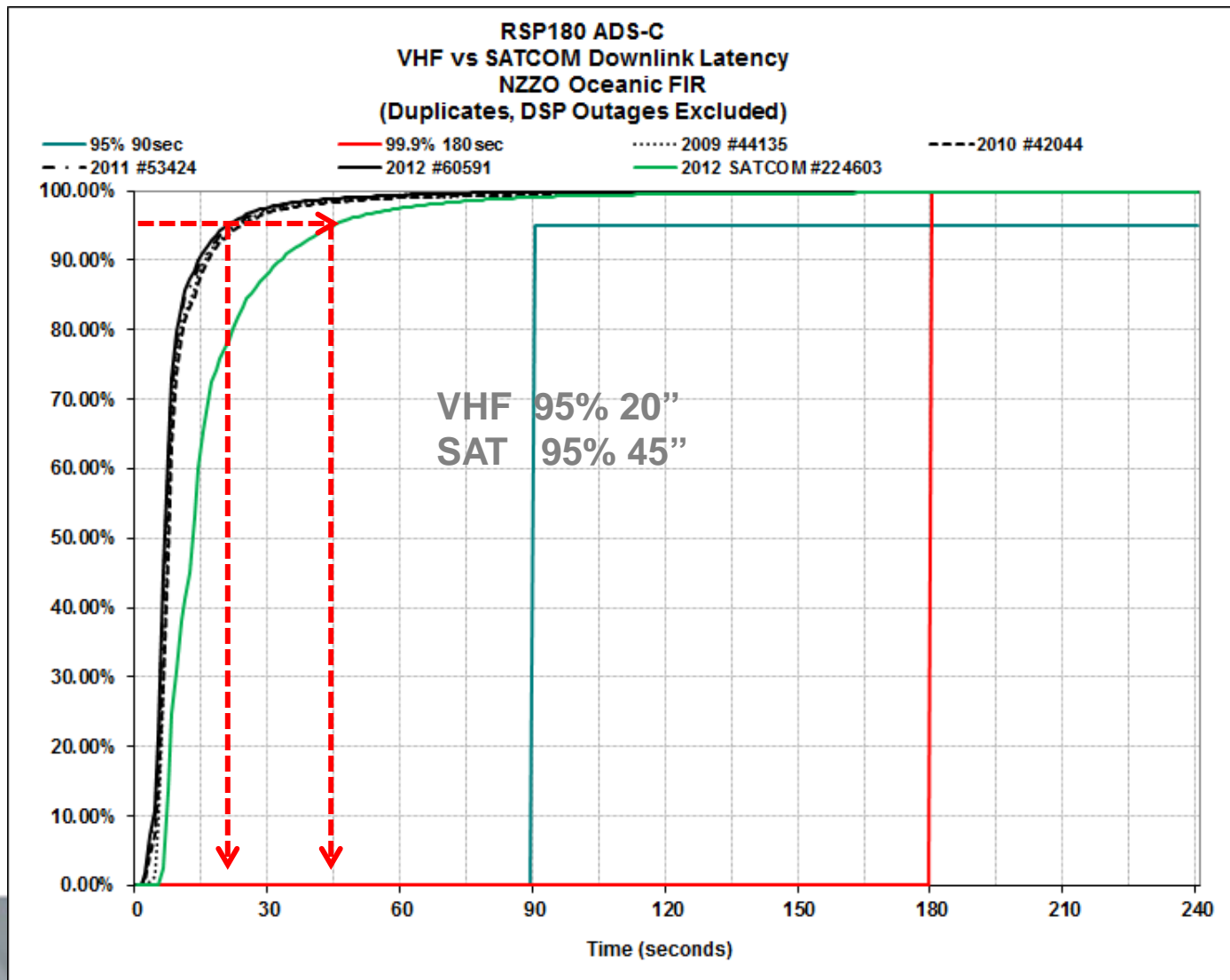
ADS-C Performance



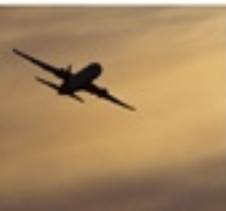
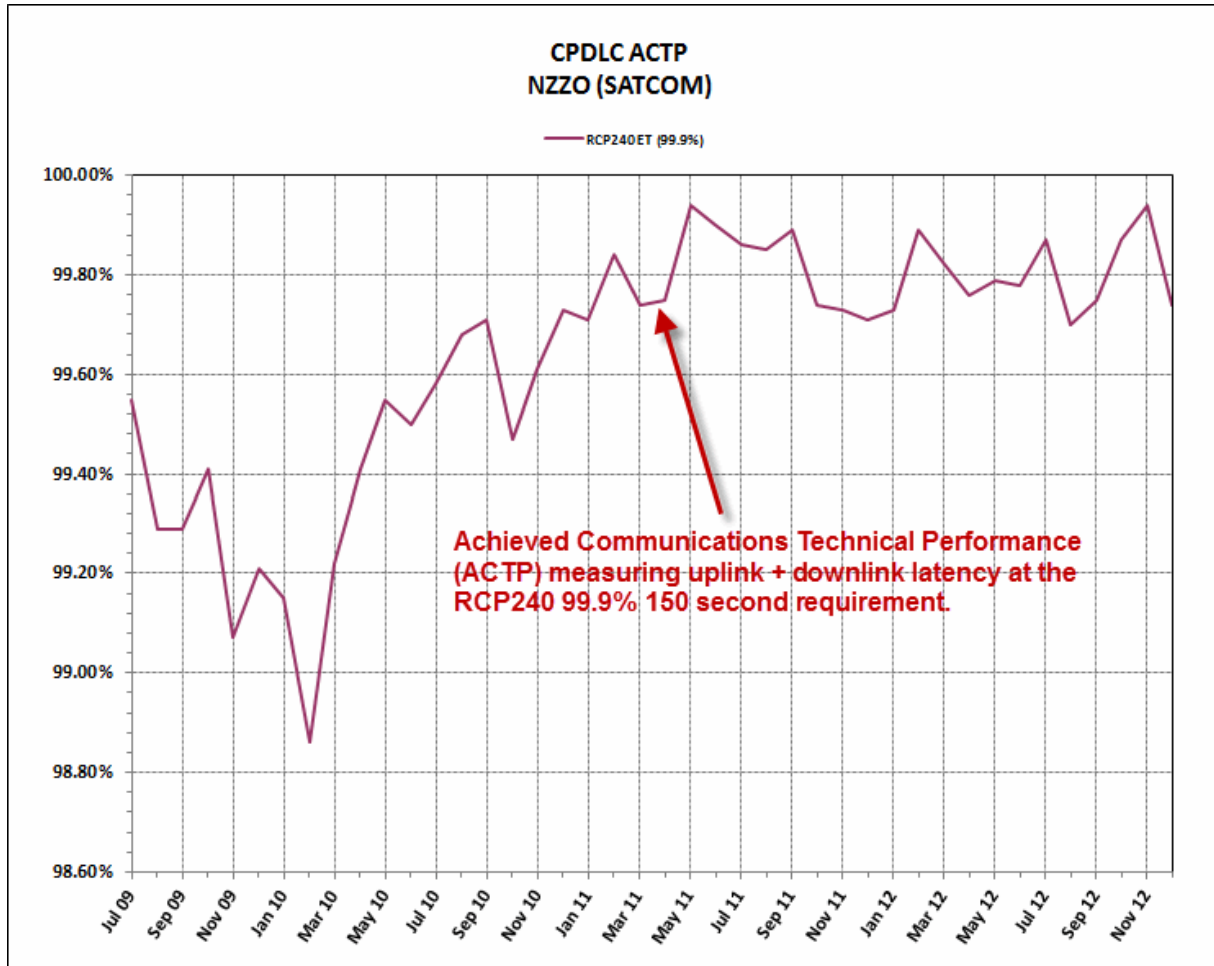
ADS-C Performance



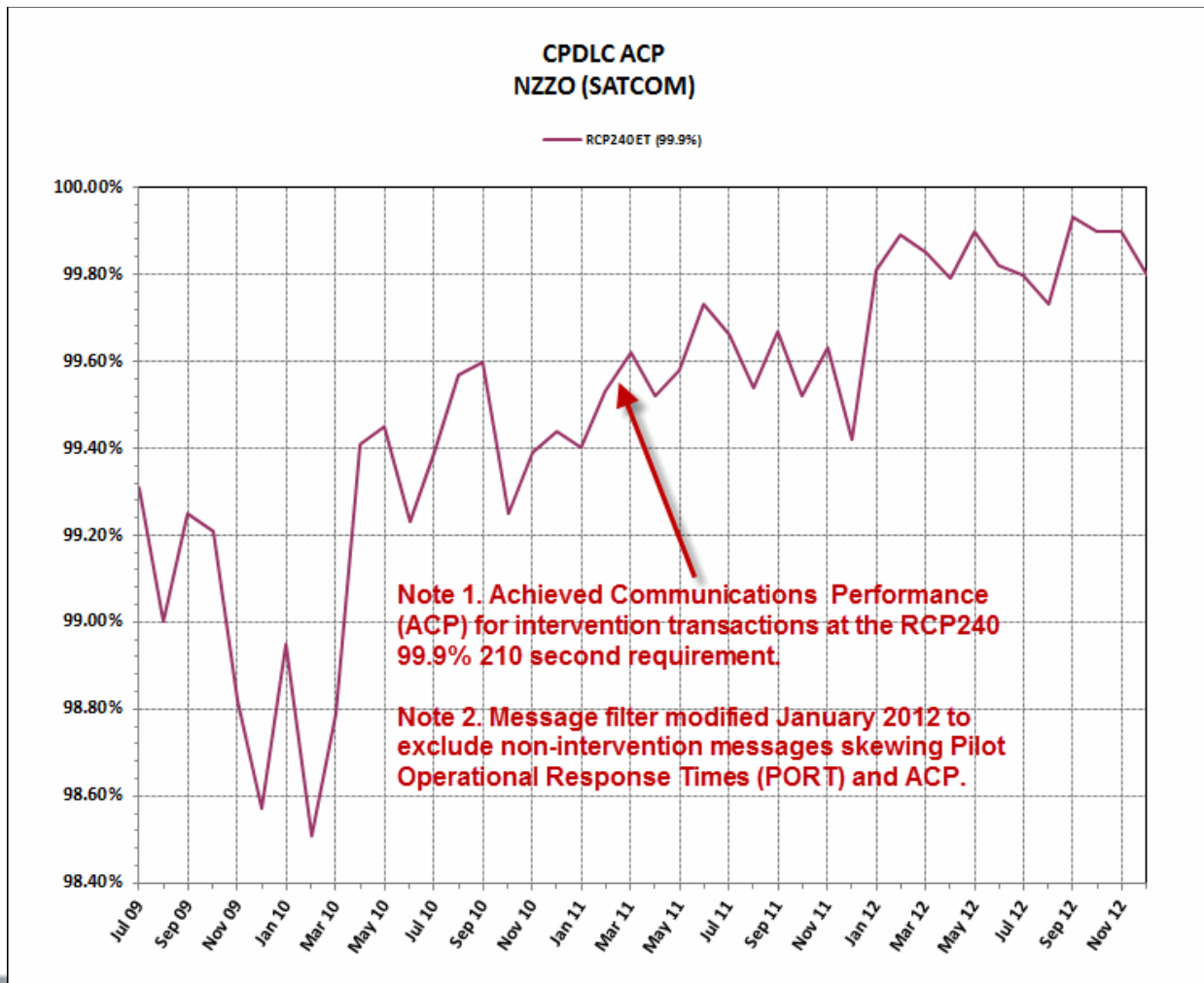
ADS-C : VHF vs SATCOM



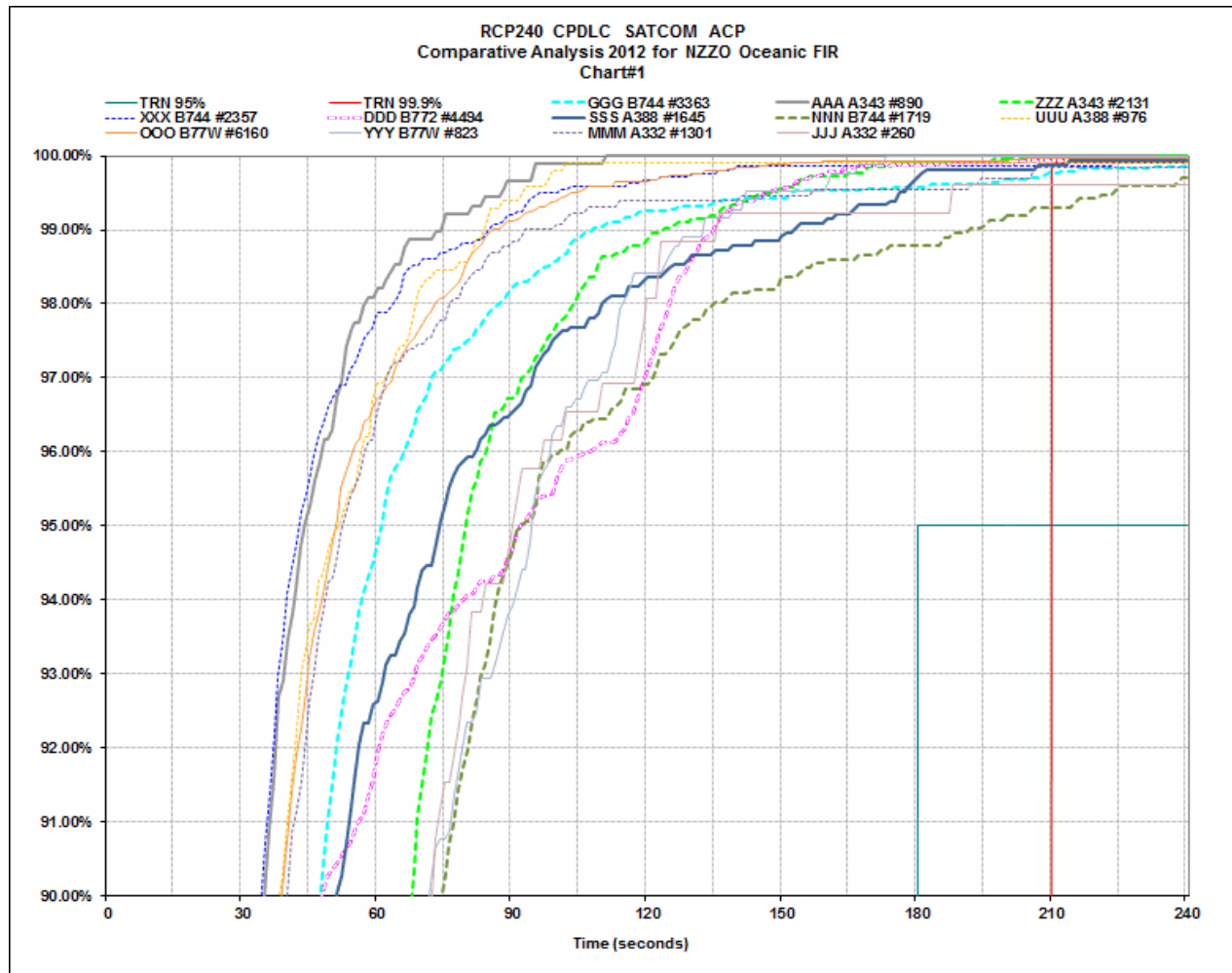
CPDLC Performance - ACTP



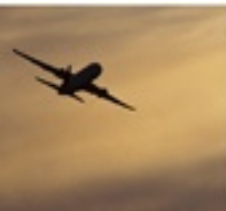
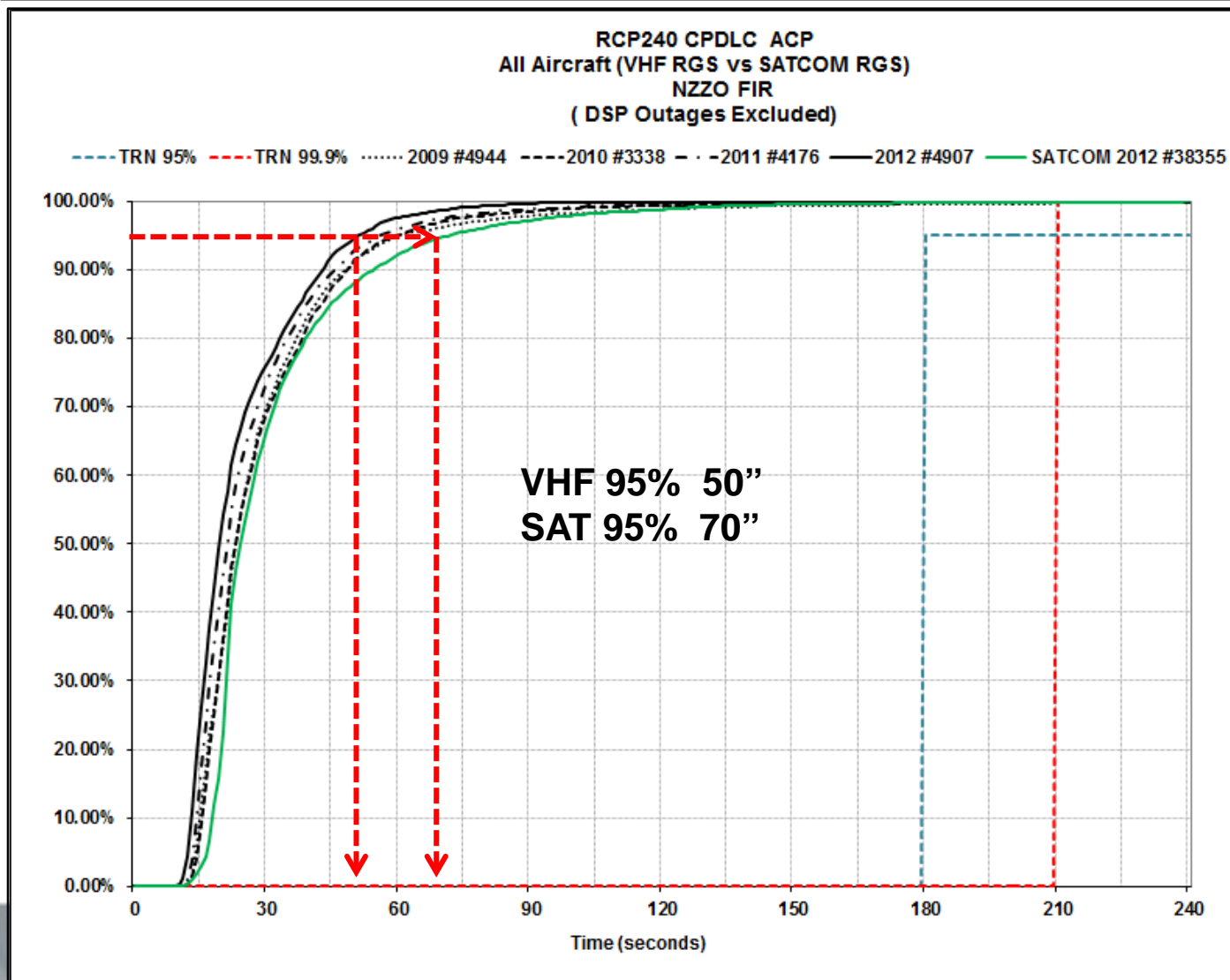
CPDLC Performance - ACP



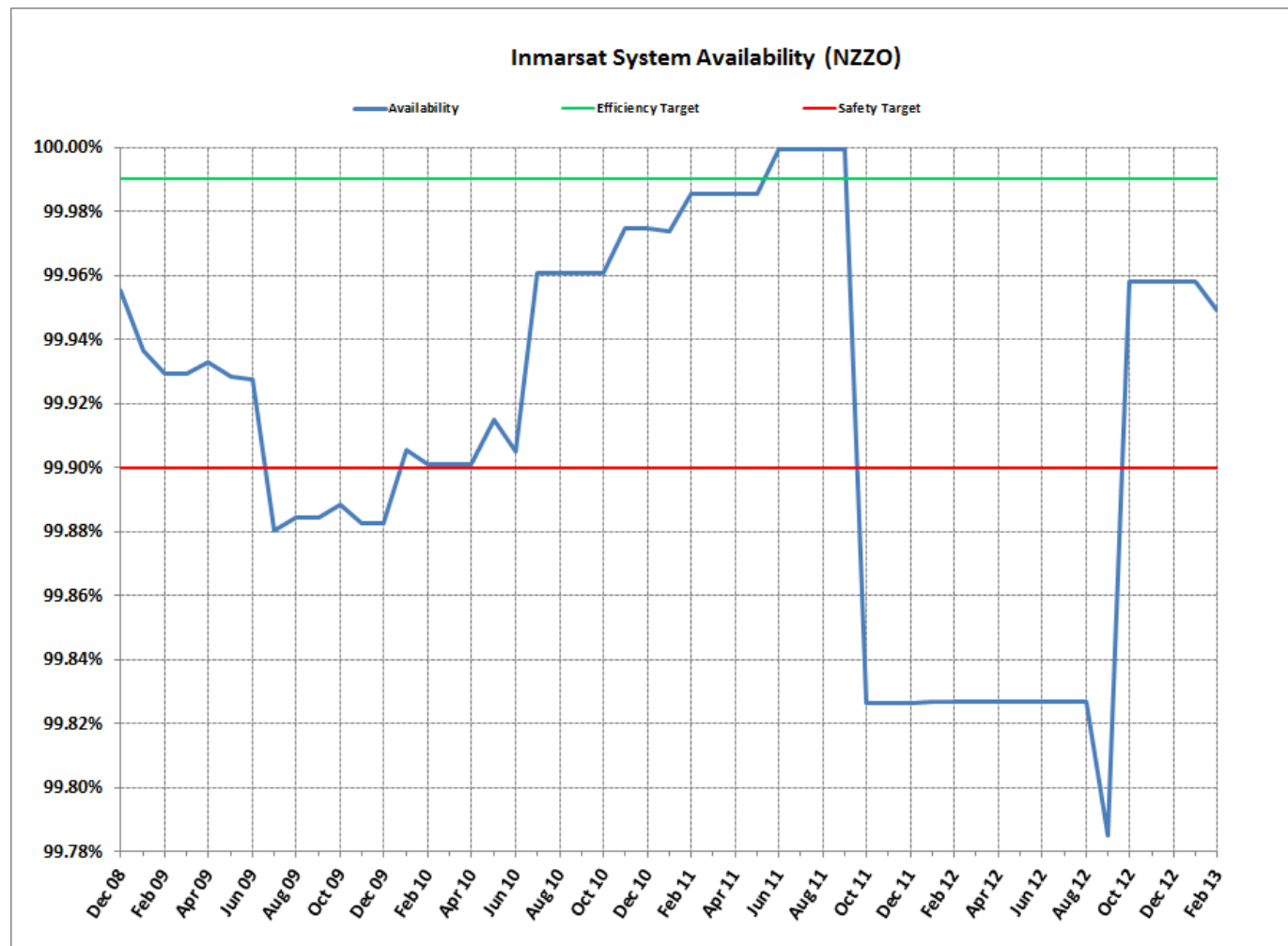
CPDLC Performance - ACP



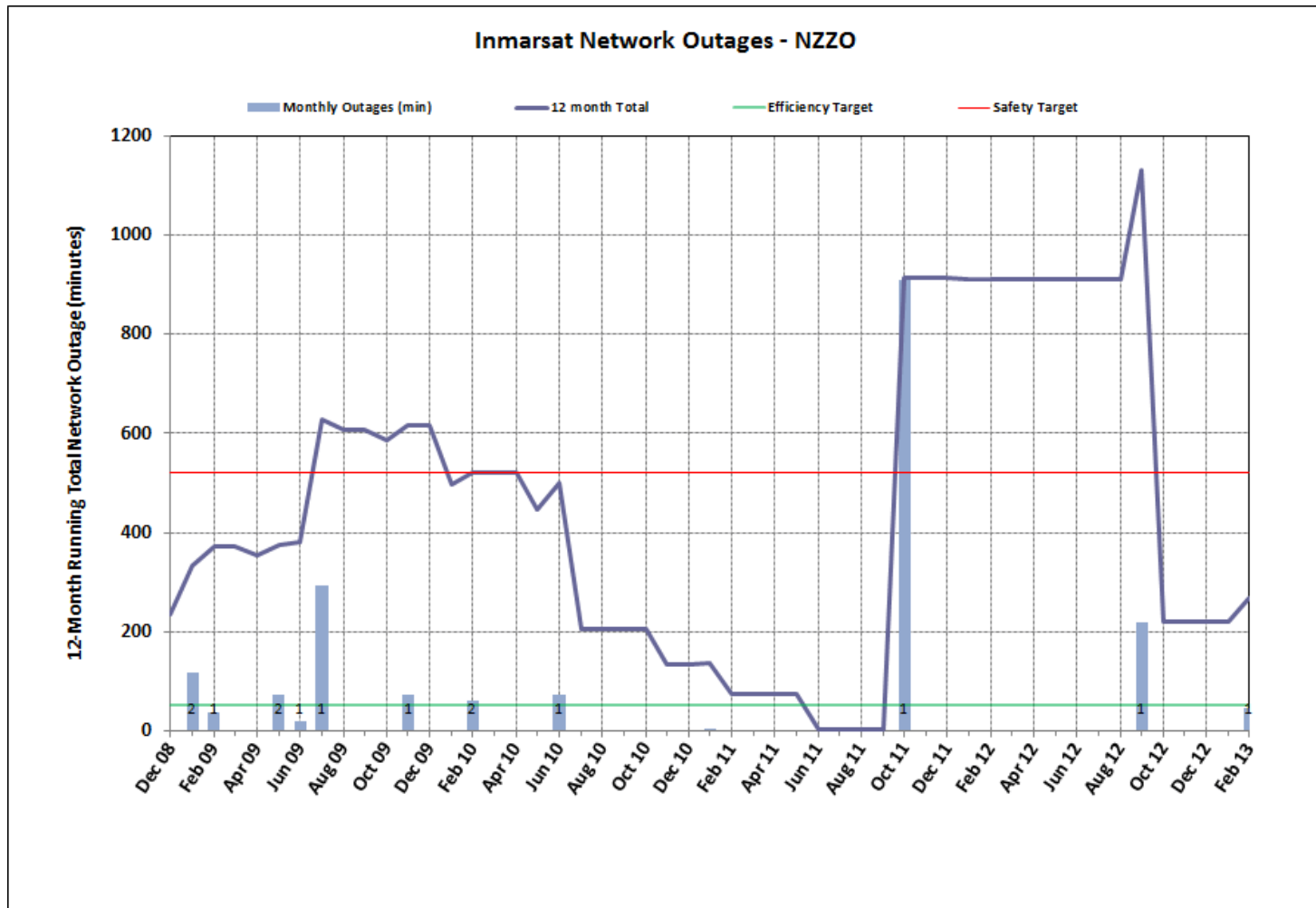
Performance - CPDLC ACP VHF vs SATCOM



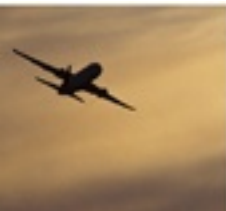
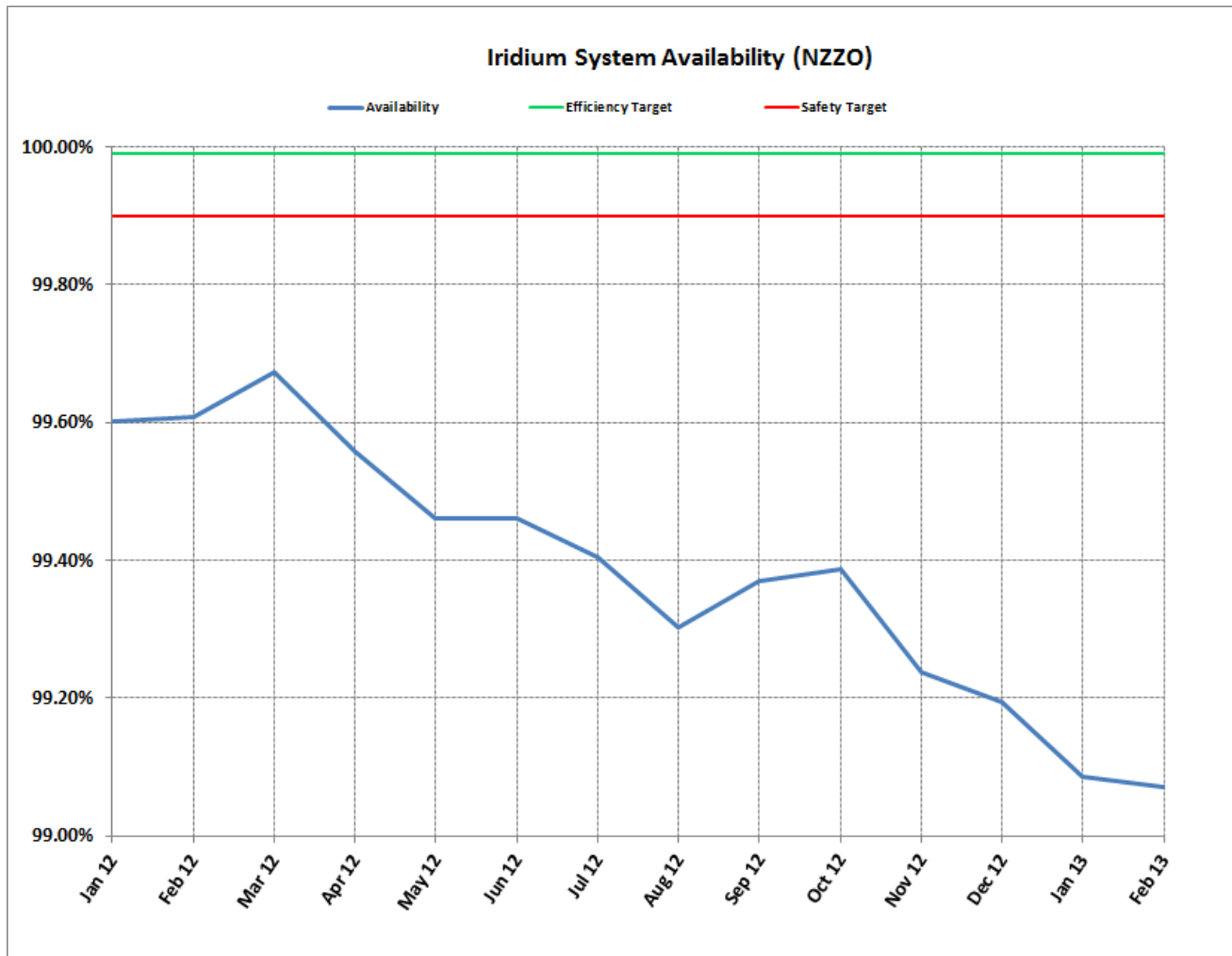
Availability - Inmarsat



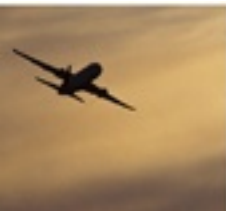
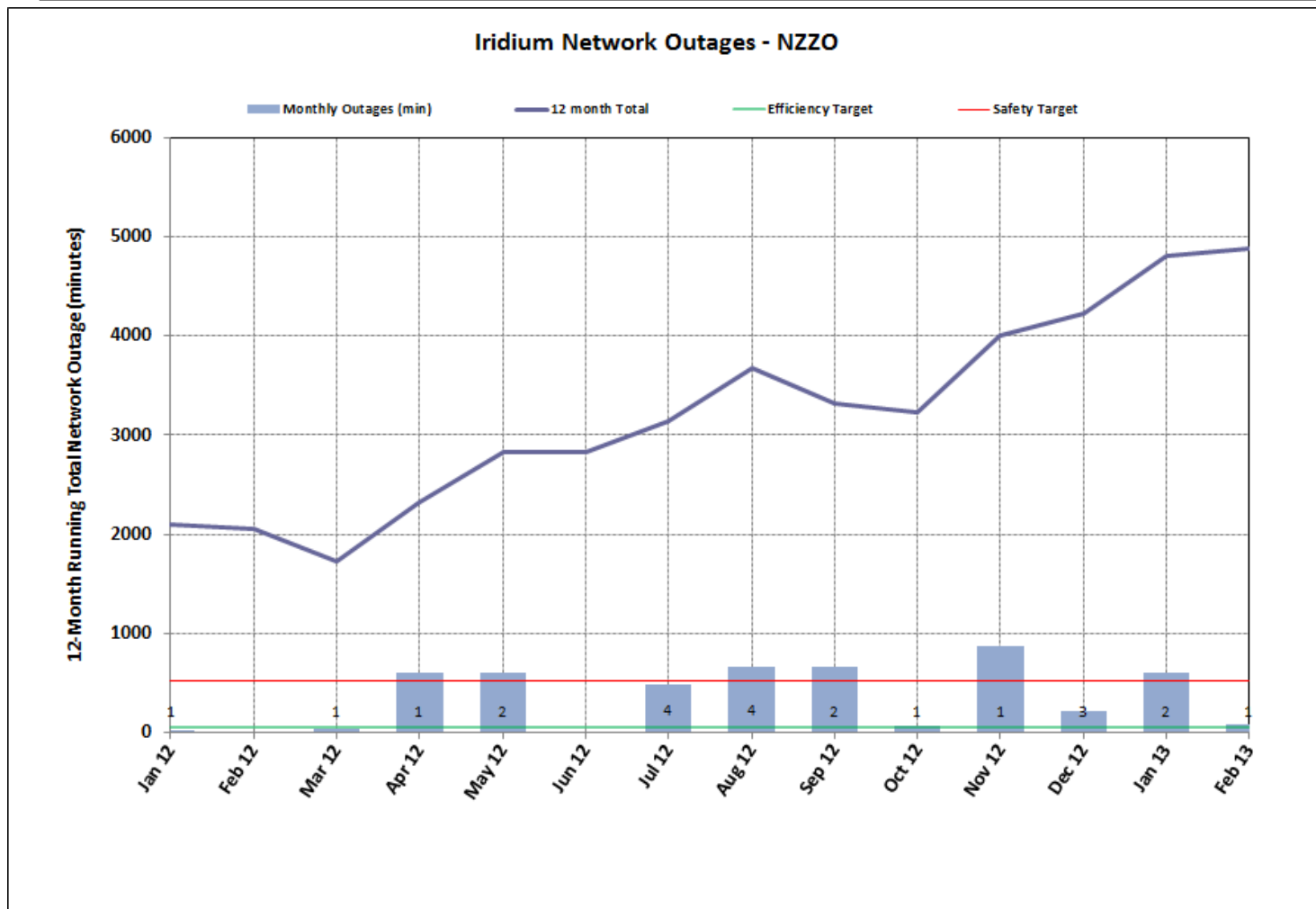
Availability - Inmarsat



Availability - Iridium



Availability - Iridium





Thank you

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