

ISPACG 29

Agenda Item 2

NZZO Briefing

ISPACG 29
Santiago, Chile
4-5 March 2015



HF Hardware life-cycle replacement

- Rohde Schwarz selected as supplier for transmitter receiver and antennae replacement.
- Transmitters:
 - 4 x 2kw – Volmet/Metfax
 - 2 x 4kw – HF Voice
- TCI Multimode Spiral Antennae
- Hardware replacement in parallel with upgrade to air-ground operators “air-log” interface and their Remote Control System (RCS) with the transmitters.
- Completion date for project by February 2016

Balloon Operations

- Google Loon
 - Working towards new launch program in May 2015
 - Numbers unknown
 - Google developing new generation balloon.
 - Developed a message set to facilitate balloon management in NZZO (Refer IP 07)

- KuangChi Science
 - Launching 2 test balloons in April/May 2015
 - 200kg payload operating around 80,000ft

- NASA
 - Launching a one off in March operating around 110,000ft
 - Initial launch has test payload but capable of 2 tons

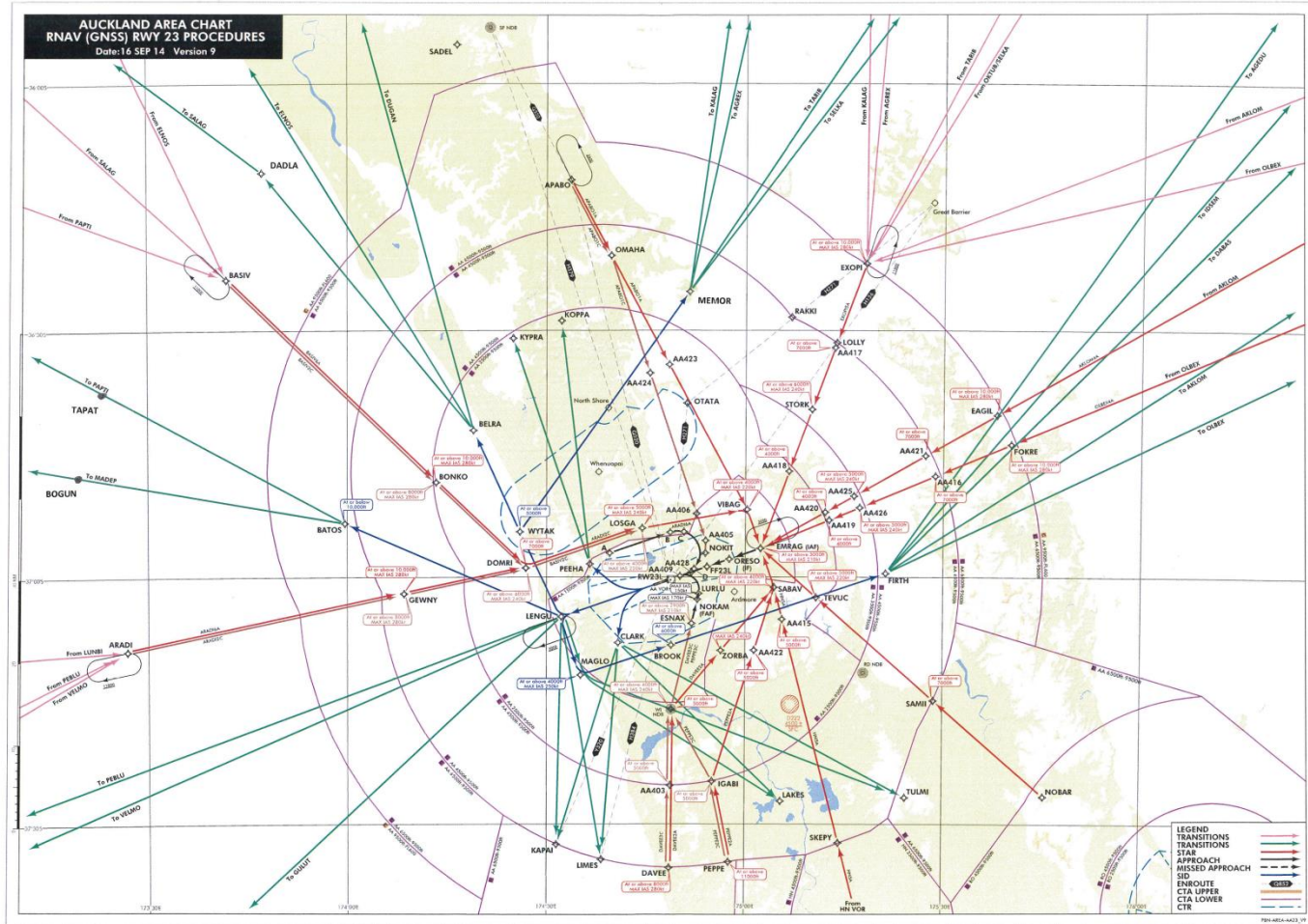
Google Loon



ATM Replacement

- Airways operates two ATM systems:
 - OCS – Oceanic Operations - operational in 2000
 - Skyline – Domestic Operations – operational in 2003
- Airways is investigating options for ATM system replacement which may include a single ATM system for both Oceanic and Domestic operations.
- RFI expected to selected vendors in 2014.

New Auckland SIDs



New Auckland SIDs

- To be introduced in April
- Improved efficiency.
- Return of the short stars in May.

