



International Civil Aviation Organization

**The Second Meeting of the Regional Airspace Safety Monitoring Advisory Group
(RASMAG/2)**

Bangkok, Thailand, 4 – 8 October 2004

Agenda Item 4: Review the airspace safety monitoring arrangements in the Asia/Pacific Region and the activities of regional airspace safety monitoring agencies

SOUTH PACIFIC DATA LINK PERFORMANCE DATA JANUARY-JULY 2004

(Presented by Australia)

1. BACKGROUND

1.1 The FANS Implementation Team (FIT) covering data link operations in the South Pacific has been reporting performance data related to ADS and CPDLC messaging to ISPACG for some time. The FIT obtains and collates performance data, and uplink and downlink success rates, for a number of ATSUs in the South Pacific.

2. PERFORMANCE DATA

2.1 The attachments to the paper contain the overall South Pacific, and individual ATSU, performance charts for the period January 04 - July 04. The data covers both downlink and uplink messages as well as indicating a measure of success for uplink messages. The data includes combined ADS+CPDLC messages (where applicable) over both SATCOM and VHF links.

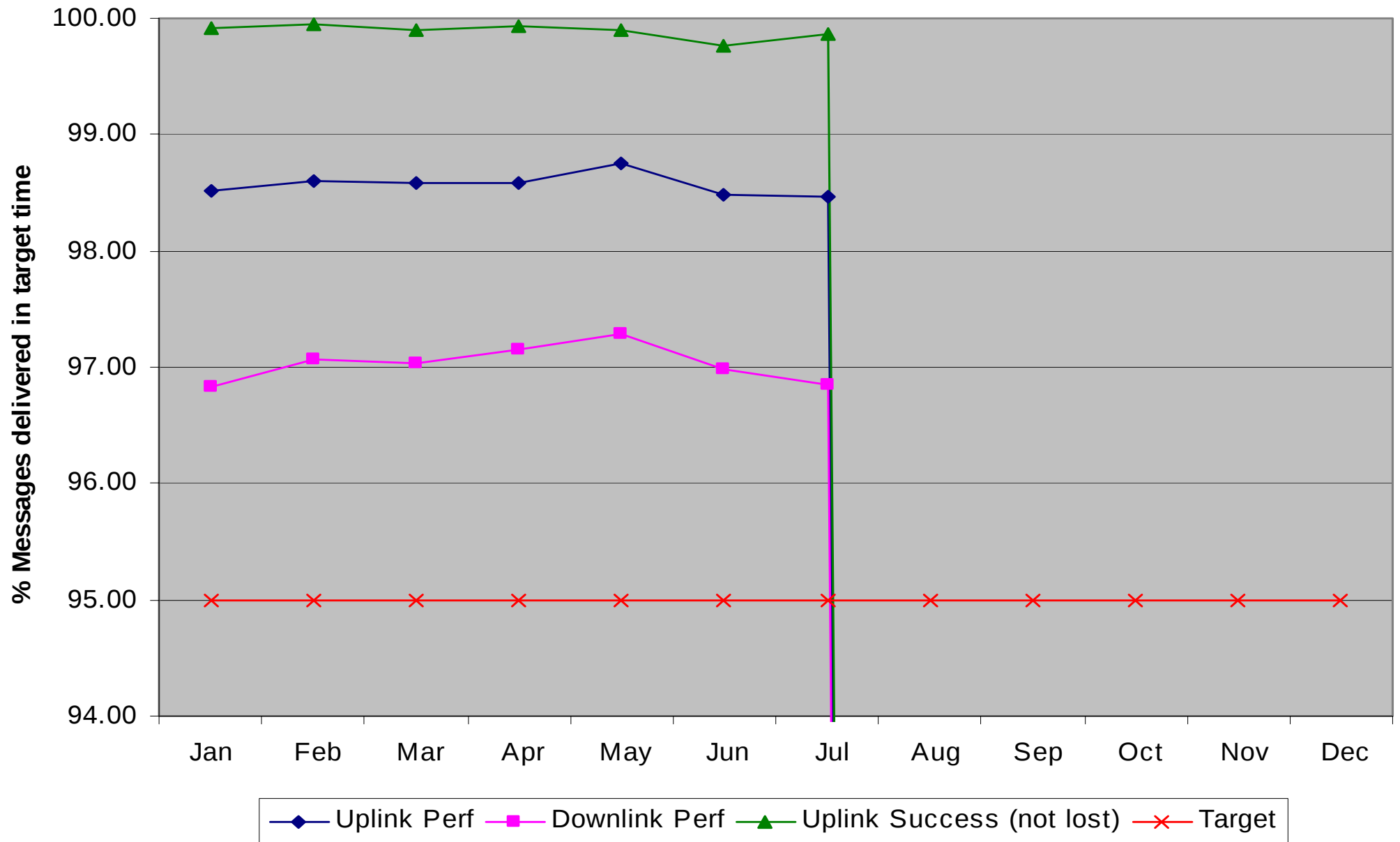
2.2 The meeting should note that while the overall uplink success rate remains high, and that the performance data for both uplink and downlink continue to exceed the target levels, there has been some noticeable downwards trend in downlink performance (nearly 2% of messages) for some identified ATSUs. Reasons for this trend include a short outage of a ground station, possible seasonal increases in message traffic and buffering of data by aircraft avionics systems.

3. ACTION PROPOSED

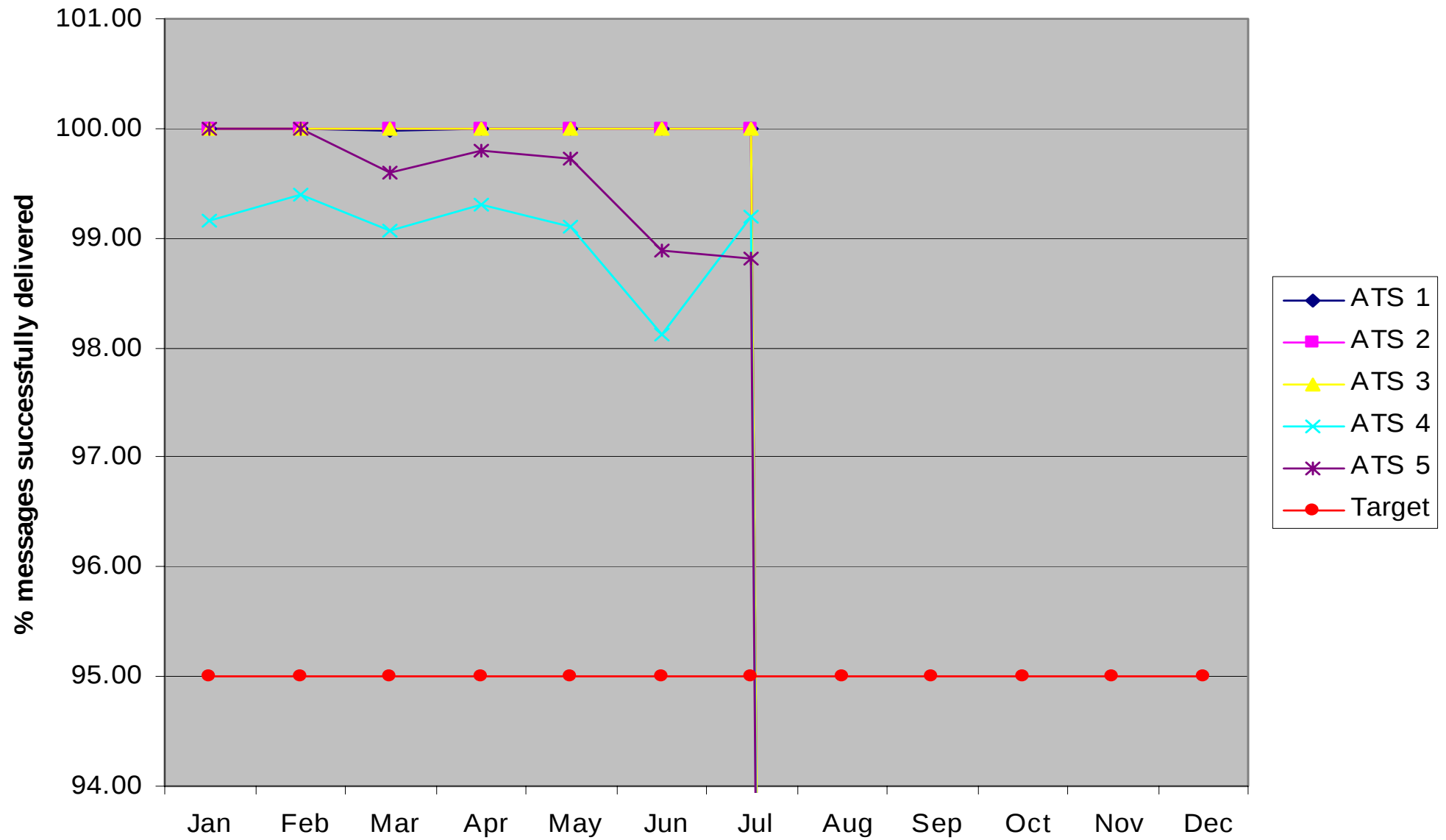
3.1 The meeting is invited to review the data provided.

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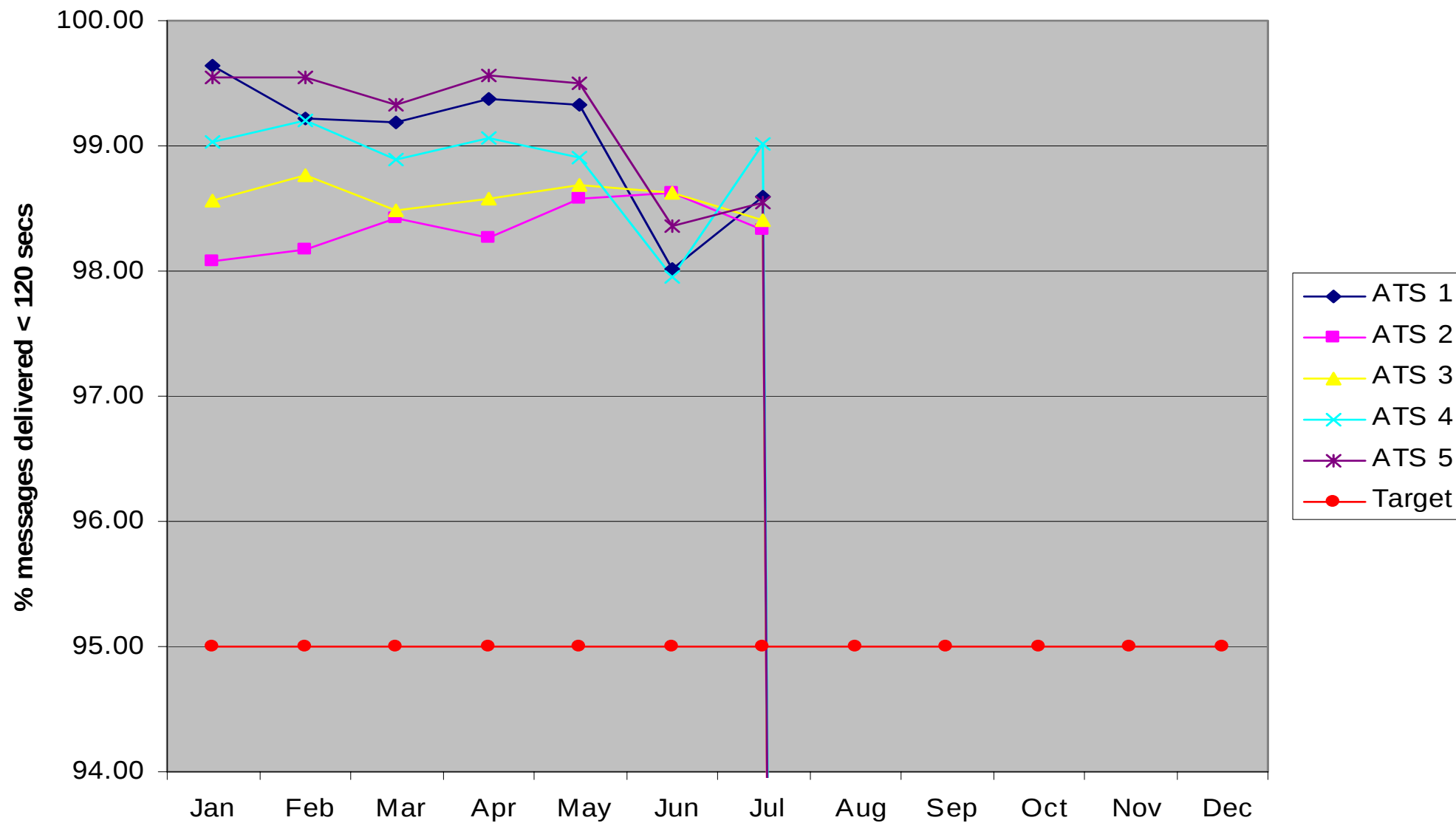
Overall Performance 2004 - All ATSUs



Uplink Success (Msgs not lost) 2004 - Individual ATSUs



Uplink Performance 2004 - Individual ATSUs



Downlink Performance 2004 - Individual ATSUs

