

Monthly Report of Datalink Performance by Airways New Zealand NZZO FIR, December 2009

Section 1: Availability

CSP Notification	CSP Name	Outage Type	Start	End	Duration (Mins)
		No Outages Notified/Detected			

Section 2: CPDLC

ALL RGS # 3093			SATCOM # 2654		
ACTP RCP240	120sec	98.74%	ACTP RCP240	120sec	98.87%
	150sec	99.13%		150sec	99.21%
ACP RCP240	180sec	98.19%	ACP RCP240	180sec	98.27%
	210sec	98.48%		210sec	98.57%
PORT	60sec	96.09%			
ACTP RCP400	260sec	99.61%	ACTP RCP400	260sec	99.62%
	310sec	99.77%		310sec	99.77%
ACP RCP400	320sec	99.45%	ACP RCP400	320sec	99.55%
	370sec	99.55%		370sec	99.62%
VHF # 373			HF # 0		
ACTP RCP240	120sec	100.00%	ACTP RCP240	120sec	N/A
	150sec	100.00%		150sec	N/A
ACP RCP240	180sec	99.46%	ACP RCP240	180sec	N/A
	210sec	99.46%		210sec	N/A
ACTP RCP400	260sec	100.00%	ACTP RCP400	260sec	N/A
	310sec	100.00%		310sec	N/A
ACP RCP400	320sec	99.73%	ACP RCP400	320sec	N/A
	370sec	99.73%		370sec	N/A
SATCOM + HF N/A					
ACTP RCP240	120sec	N/A			
	150sec	N/A			
ACP RCP240	180sec	N/A			
	210sec	N/A			
ACTP RCP400	260sec	N/A			
	310sec	N/A			
ACP RCP400	320sec	N/A			
	370sec	N/A			

Note: 1. ALL RGS - Performance measured using all WILCO responses where MAS RGS and WILCO RGS are any RGS type. 2. SATCOM/VHF/HF - Performance measured using all WILCO responses where both MAS and WILCO RGS are from the media type under analysis. 3. SATCOM + HF- Performance measured using all WILCO responses where either MAS or WILCO are from a SATCOM or HF RGS.

Section 3: ADS-C

ALL RGS # 20261			SATCOM # 16350		
ASP RSP180	90sec	97.69%	ASP RSP180	90sec	97.35%
	180sec	98.89%		180sec	98.73%
ASP RSP400	300sec	99.53%	ASP RSP400	300sec	99.49%
	400sec	99.68%		400sec	99.66%
VHF # 3804			HF # 107		
ASP RSP180	90sec	99.45%	ASP RSP180	90sec	86.92%
	180sec	99.66%		180sec	97.20%
ASP RSP400	300sec	99.76%	ASP RSP400	300sec	97.20%
	400sec	99.84%		400sec	98.13%
SATCOM + HF # 16457					
ASP RSP180	90sec	97.28%			
	180sec	98.72%			
ASP RSP400	300sec	99.47%			
	400sec	99.65%			

Note: Performance measured for RGS media types indicated using all ADS-C downlinks where an FMS timestamp can be extracted to determine the downlink latency.