

Monthly Report of Datalink Performance by Airways New Zealand NZZO FIR, January 2010

Section 1: Availability

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

Section 2: CPDLC

ALL RGS # 3458			SATCOM # 2942		
ACTP RCP240	120sec	98.90%	ACTP RCP240	120sec	98.98%
	150sec	99.13%		150sec	99.15%
ACP RCP240	180sec	98.64%	ACP RCP240	180sec	98.67%
	210sec	98.93%		210sec	98.95%
PORT	60sec	97.02%			
ACTP RCP400	260sec	99.74%	ACTP RCP400	260sec	99.76%
	310sec	99.83%		310sec	99.83%
ACP RCP400	320sec	99.48%	ACP RCP400	320sec	99.46%
	370sec	99.57%		370sec	99.56%
VHF # 443			HF # 0		
ACTP RCP240	120sec	100.00%	ACTP RCP240	120sec	N/A
	150sec	100.00%		150sec	N/A
ACP RCP240	180sec	100.00%	ACP RCP240	180sec	N/A
	210sec	100.00%		210sec	N/A
ACTP RCP400	260sec	100.00%	ACTP RCP400	260sec	N/A
	310sec	100.00%		310sec	N/A
ACP RCP400	320sec	100.00%	ACP RCP400	320sec	N/A
	370sec	100.00%		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 # 21826			SATCOM # 17296		
ASP RSP180	90sec	97.65%	ASP RSP180	90sec	97.44%
	180sec	98.80%		180sec	98.66%
ASP RSP400	300sec	99.45%	ASP RSP400	300sec	99.37%
	400sec	99.65%		400sec	99.59%
VHF # 4358			HF # 172		
ASP RSP180	90sec	98.88%	ASP RSP180	90sec	87.79%
	180sec	99.47%		180sec	95.93%
ASP RSP400	300sec	99.77%	ASP RSP400	300sec	99.42%
	400sec	99.89%		400sec	99.42%
SATCOM + HF # 17468					
ASP RSP180	90sec	97.35%			
	180sec	98.64%			
ASP RSP400	300sec	99.37%			
	400sec	99.59%			

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.