

WCRWG Status Report: 2016-04-12

Notes and Updates since last report

1. Maintenance work was performed on two repeater high sites on Friday 8 April. Dana Bay and George both had new antenna and feedline installations, amongst other work. Full details and pictures are on the website – see below for site information.

Donations received since last report

1. An anonymous cash donation was received on 29 March.
2. Cash donations have been received from Roy Walsh ZS3RW and from the Noord-Kaap Amateur Radio Club ZS3NC.
3. It has been **0 weeks** since the last donation was received.

General requirements: upgrade and maintenance program

1. Cash donations
2. High quality N-type male and female connectors for ½" heliax
3. VHF and UHF ferrite circulators.

Repeater Information and Status

Repeater status is usually one of **DOWN**, **Operational** or **Testing**.

145.575	<i>Oakdale</i>
Status	DOWN
Frequencies and Tones	Output: 145.575 / Input: 144.975 (ZU9DBI_C)
Mode	D*STAR (6K0F7W - GMSK)
Faults Reported	Work being done on the Oakdale tower.
Site specific requirements	None
Links	None
Notes	The repeater has a 3 minute transmit timer with an approximate 30 second lockout penalty. This is a factory setting in the controller. Users are advised to set a transmit timeout in their radios of less than 3 minutes.

145.600	<i>Hanskop (Sir Lowry's Pass)</i>
Status	Operational
Frequencies and Tones	Output: 145.600 (88.5) / Input: 145.000 (88.5)
Mode	Analogue FM-N (11K0F3E)
Faults Reported	
Site specific requirements	None
Links	1. Link to Jonaskop/145.675 down.
Notes	DTMF codes are published on the WCRWG website

145.625	<i>Piketberg</i>
Status	Operational
Frequencies and Tones	Output: 145.625 (88.5) / Input: 145.025 (88.5)
Mode	Analogue FM-N (11K0F3E)
Faults Reported	None
Site specific requirements	None
Links	1. Link to Hawequas/145.650 operational
Notes	DTMF codes are published on the WCRWG website

145.650	<i>Hawequas (Du Toitskloof Pass)</i>
Status	Operational
Frequencies and Tones	Output: 145.650 (88.5) / Input: 145.050 (88.5)
Mode	Analogue FM-N (11K0F3E)
Faults Reported	
Site specific requirements	None
Links	<ol style="list-style-type: none"> 1. Link to Hanskop/434.600 down 2. Link to Piketberg/145.625 operational
Notes	DTMF codes are published on the WCRWG website

145.650	<i>Riversdale</i>
Status	Operational
Frequencies and Tones	Output: 145.650 / Input: 145.050
Mode	Analogue FM (16K0F3E)
Faults Reported	
Site specific requirements	None
Links	<ol style="list-style-type: none"> 1. Link to Jonaskop/145.675 operational 2. Link to George down at George.
Notes	

145.675	<i>Jonaskop (Villiersdorp)</i>
Status	Operational
Frequencies and Tones	Output: 145.675 (88.5) / Input: 145.075 (88.5)
Mode	Analogue FM-N (11K0F3E)
Faults Reported	
Site specific requirements	None
Links	<ol style="list-style-type: none"> 1. Link to Hanskop/145.600 operational 2. Link to Riversdale/145.675 operational
Notes	DTMF codes are published on the WCRWG website

145.700	<i>Constantiaberg</i>
Status	Operational
Frequencies and Tones	Output: 145.700 (88.5) / Input: 145.100 (88.5)
Mode	Analogue FM-N (11K0F3E)
Faults Reported	None
Site specific requirements	None
Links	None
Notes	Antenna upgrade being planned.

145.725	<i>Hermanus</i>
Status	Operational
Frequencies and Tones	Output: 145.725 / Input: 145.125
Mode	Analogue FM-N (11K0F3E)
Faults Reported	None
Site specific requirements	None
Links	None
Notes	

145.750	<i>Kanonkop (Tygerberg)</i>
Status	Operational
Frequencies and Tones	Output: 145.750 (88.5) / Input: 145.150
Mode	Analogue FM (16K0F3E)
Faults Reported	None
Site specific requirements	None
Links	None
Notes	

434.600	<i>Hanskop (Sir Lowry's Pass)</i>
Status	Operational
Frequencies and Tones	Output: 434.600 (88.5) / Input: 433.000 (88.5)
Mode	Analogue FM-N (11K0F3E)
Faults Reported	Low audio on 434.600 from link
Site specific requirements	None
Links	1. Link to Hawequas/145.650 down
Notes	

434.625	<i>Kanonkop (Tygerberg)</i>
Status	Operational
Frequencies and Tones	Output: 434.625 (88.5) / Input: 433.025
Mode	Analogue FM (16K0F3E)
Faults Reported	None
Site specific requirements	None
Links	1. IRLP node 8535 2. Echolink node 796398 (ZU9DCM-R), using EchoIRLP modification.
Notes	Dial-out to other Echolink nodes requires the use of a dial prefix, currently *0 (star-zero), as it is an add-on to IRLP. The disconnect code for a call is '73' – use this for both Echolink and IRLP calls.

ZS0DCC	Helderberg Digipeater
Status	Operational
Frequencies and Tones	Output: 144.800 / Input: 144.800
Mode	Digital FM-N (11K0F2D) AFSK
Faults Reported	
Site specific requirements	None
Links	None
Notes	

ZS0DZ	Kasteelberg Digipeater
Status	Testing
Frequencies and Tones	Output: 144.800 / Input: 144.800
Mode	Digital FM-N (11K0F2D) AFSK
Faults Reported	
Site specific requirements	None
Links	None
Notes	

ZS1SIX	6meter Beacon (CPUT)
Status	Operational
Frequencies and Tones	50.080
Mode	FSK
Faults Reported	None
Site specific requirements	None
Links	None
Notes	

Send fault reports via e-mail to: wc-repeater-fault@googlegroups.com

To receive the weekly report direct via e-mail, subscribe to: wc-repeater-announcements@googlegroups.com. You can subscribe by sending an e-mail message to wc-repeater-announcements+subscribe@googlegroups.com.

The WCRWG has a new website packed full of information on all the repeaters and detailed reports of activities. You can access this website via the link <http://www.wcrwg.co.za/>

Account Information

Account Name: Western Cape Repeater Working Group (WCRWG)

Bank: FNB

Account type: Cheque

Account number: 62338034937

Branch code: 250655 (Electronic payments)

Branch code: 200612 (Counter deposits)