

WWRA OPS COMMITTEE ARCHIVED TASKS (3 April 2005 to 24 September 2005)**CURRENT PRIORITY ACTION ITEM – ACTION ITEM – INDEFINITE HOLD – COMPLETED ITEM**

2004 2005	Task	Order Status	Op Status	Work	Equipment	REMARKS	B J G K	Target Due Date
5/3/05	05197	-	No	Bill, N7YT provided all WWRA treasurers books to elected Audit Committee for inspection. George, N7GME escorted Mike, W7CO and Rob, KE7AMR to Gold Mountain to conduct physical check of WWRA Membership owned property.	Audit of WWRA Finances & Repeater Equipment	Note: Audit done in two phases to allow elected committee to see all of the WWRA assets.	B G M R	COMPLETED 5/3/05 Treasurer Audit 4.5 Hours Site Audit 6 Hours
4/30/05	05198	KPC-9612 Shipped To Kantronics 5/16/05 Returned 6/13/05	No	APRS station shutdown unexpectedly. Clone station placed in service. 5/3/05 George checked it out on hill visit but all equipment appeared to be operating okay. Suspect the problem is in the KPC 9612 TNC programming. 5/12/05 Brought KPC 9612 down for hard reset and reprogramming. It did not respond to a hard reset. 5/16/05 – Contacted Ken at Kantronics to see if there was additional tests that could be done. It was determined that the unit needed to go back. Packed and shipped. 5/29/05 – Bill, N7YT checked the wiring on the MicE cable and could not find anything wrong. George, N7YT lengthened the 3-wire connection to the Alinco. 5/30/05 – George, N7GME programmed backup TNC and put in operation on hill. 6/13/05 – George, N7GME re-programmed returned KPC-9612. Kantronics had to replace the CPU. Reprogrammed in accordance with Curt, W7CEU suggestions to keep transmissions at a minimum. 6/18/05 – Hill trip we programmed and installed repaired KPC-9612. Left KPC-3 with same programming. NOTE: Needs another hill trip to complete proper setup and installation of lightning protection. 6/20/05 – Reset Barometer and re-programmed KPC 3 to minimize packets.	KPC 9612	3/3/05 – Bob, KC7DRQ, President WWRA received email from Dave, K7GPS, NW APRS Coordinator requesting that we eliminate RELAY from our WW7RA Digipeater on Gold Mountain and change the path to WIDE2-2. Bob directed the Ops Committee to comply and George, N7GME and Bill, N7YT accomplished this on March 4, 2005 IAW APRS NW website information. This is the 2 nd change in less than a year. NOTE: Essentially the WWRA has 4 TNC's operating in different APRS modes on Gold Mountain, i.e. weather, Digipeater and two Mic E systems. 6/15/05 – Decision made to provide lightning protection on Digipeater System. Will order new Polyphaser lightning protection with male/female N-connectors.	G	5/3/05 Ops .5 Hours 5/12/05 Hill Trip 2 Hours 5/14/05 Bench 1 Hour 5/16/05 Admin 1.5 Hours 5/29/05 Bench 2 Hours 5/30/05 Hill Trip 2 Hours 6/13/05 Programming 1 Hour 6/18/05 Hill Trip Work on APRS 1 Hour 6/20/05 COMPLETED Hill Trip 2 Hours

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5/8/05	05199	NEW PA 100 Ordered 5/11/05 Received 6/9/05 Ordered 6/9/05 Received 6/14/05	No	VHF transmitter amplifier PA 100 power supply blew 5-amp fuse. 5/11/05 – N7YT, Bill and George, N7GME decided to procure a second VHF amplifier so it was ordered from ACS. 5/13/05 – N7GME went to site and shifted to Alternate VHF repeater and brought down the PA 100 unit. 5/13/05 – Bill, N7YT took PA 100 power supply apart and determined that the rectifier went bad taking out the transformer blowing a fuse and shutting down the cooling fan. This ultimately caused the amplifier to shutdown. 5/14/05 – Bill, N7YT and George, N7GME made trip to hill to repair two badly deteriorated cable connectors. After repairing checked output power and reflected power of normal VHF machine. Operating normally at 5 watts. Managed to get the normal VHF repeater back up running at only 5 watts until new PA 100 arrives. 6/8/05 – B unit showed up with SO-239 connectors on rear. Ordered adaptors. 6/18/05 – Bill installed adapters for N-connector hookup. Bill and George installed PA 100 amplifier and hooked up long neglected circuit that energizes amplifier and cooling fan only when VHF repeater is keyed. Amplifier provides 100 watts at amplifier and 40 watts at antenna.	VHF Amplifier "B" NEW	Note: The goal is to replace the amplifier with a new PA-100 and overhaul the old one to have a ready spare mounted up on the hill. NOTE VHF repeater operating at 5 watts until installation of new amplifier is complete. SPECIAL NOTE: 6/14/05 – The A Unit was discovered not have amplifier hooked up to repeater so consequently it was always on. Additionally this kept fan running 24/7 that was not the original design. This pre-dates George and Bill's working on the repeaters in 1999. It has probably been this way for several years. This will be corrected during the next installation of first the B Unit and then later the A Unit when the time comes for its installation which will be done if a problem arises with B Unit.	G B	5/12/05 Hill Trip 4 Hours 5/12/05 Bench 2 Hours 5/14/05 Hill Trip 5 Hours 5/18/05 Hill Trip COMPLETED INSTALLATION Of New Amplifier 8 Hours
6/18/05	05202	Ordered	Yes	Lightning protection needed for Digipeater system. 9/9/05 – George, N7GME installed Polyphaser lightning protection.	Digipeater System	6/15/05 – Decision made to provide lightning protection on Digipeater System. Will order new Polyphaser lightning protection with male/female N-connectors.	G	COMPLETED 9/9/2005 3 Hours
6/16/05	05203	-	Yes	KPC-9612 needed some re-programming after changing the path settings some weeks ago.	KPC-9612		G	COMPLETED 9/9/05 .5 Hours
2/1/05	05195	-	Yes	1/2/05: If UHF 44.650MHz illegal transmission at top of hour re-appears we are setup to follow through and get final cross bearing. INTERFERENCE CAME FROM TAHUYA AREA.	UHF Repeater	Don, KC7VQD Mike, W7MKY George, N7GME		2/5/05 1.5 Hours PENDING

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9/20/05	05202			<p>UHF repeater breaking up during use. The transmitter is making all the announcements from the controller okay but the transmission during QSO's are chopping to the point of being unreadable.</p> <p>9/24/05 Bill, N7YT and George, N7GME with Ron, KE7KR assisting from his base station for signal quality monitoring worked on the UHF repeater. Removed one unnecessary coax connector, ran tests with SWR analyzer, Bird Watt meter & Motorola Communications Analyzer. Checked power cables and all cabinet internal coax. Removed suspect audio UHF audio plug from controller for re-work.</p>	UHF Repeater	<p>Note: UHF system working and Echolink brought back online.</p>	B G	<p>COMPLETED</p> <p>9/24/05</p> <p>8 Hours</p>