

WWRA OPS COMMITTEE TASK TRACKING (10 JULY 2006 to 14 April 2007)
CURRENT PRIORITY ACTION ITEM – ACTION ITEM--INDEFINITE HOLD – COMPLETED ITEM

2004 2006	Task	Order Status	Op Status	Work	Equipment	REMARKS	OPS Comm	Target Due Date
7/10/06	06215	-	Yes	3/3/07 – Adjusted capacitor trimmer C-24 counterclockwise and brought the UHF receiver back on frequency. The C-24 cap is in the vicinity of the receiver oven.	UHF Repeater	Note: UHF receiver power connection needs to be checked and possibly re-soldered. 3/3/07 Soldered two 12VDC power leads and eliminated two crimp connectors that were suspect.	B G	3/3/07 4 hours Hill trip COMPLETED
8/22/06	06217	3/15/07 Shipped 4/21/07 Received	Yes	At 6pm KE7EDW and N7GME returned to hill, as it appeared that the VHF amplifier was not working. PA-100 Unit "A" blew fuse and went down. Took out Unit "A" and replaced with Unit "B" and brought system back online. Unit A was brought down for repair. Unit A going down may have been precipitated by the loss of power from UPS failure. 8/23/06 – Delivered Unit A to Bill, N7YT. 2/20/07 – Delivered Unit A to Jim, N6ECV. 3/3/07 – Brought to hill but did not work. N6ECV borrowed dummy load and 18" coax to work on amplifier further. 3/12/07 N6ECV checked out Unit A and fixed the indicator lamp [wire broken] and it appears to be working okay. 3/13/07 – N6ECV and N7GME returned coax, dummy load and Unit A to hill for testing. Did not work. Made a hollow groaning sound. 20 watts in only produced 20 watts out. 3/15/07 – N7YT shipped back to the manufacturer ACS for overhaul. 4/21/07 – ACS tuned and burned in for one week at full power and shipped back to us. 5/8/07 – N6ECV and N7GME installed unit A back in service with unit B placed in standby status.	PA-100 Unit "A" VHF Repeater Amplifier	Note: On April 10, 2007 boosted UHF output from 35 watts to 58 watts. Voltage is 23.5 volts coming out of VPS supplying both VHF and UHF repeaters. May 8, 2007 readings are the same on UHF. With the installation of Unit A PA 100 amplifier the output increased from 30 watts to 40 watts on VHF. These readings taken at the lower terminal antenna connection. Unit B amp readings was 2.3 amps and Unit A readings are now 3.9 amps.	G E B J	8/22/06 4.5 hours 2nd Hill Trip 3/1/07 Bench work 2 hours 3/3/07 4 hours 3rd Hill Trip 3/12/07 Bench work 3 hours 3/13/07 4th Hill trip 6 hours 5/8/07 5th Hill trip 6 hours COMPLETED
9/2/06	06218	-	Yes	UHF receiver power connection needs to be checked and possibly re-soldered.	UHF Receiver		G B	3/3/07 COMPLETED
11/12/06	06220	-	Yes	UHF receiver frequency is not right on. The receiver needs to be tuned. 2/3/07 – Checked receiver and the UHF receive frequency is right on. Other issues: See NOTE. 2/11/07 - Replaced two coax N-connectors on coax that runs from UHF antenna lower end to the UHF repeater cabinet end.	UHF Receiver	Note: It is suspected that the coax cabling within the cabinets connecting the UHF repeater to the external antenna may have some leaks. Further work will be done.	B G E J	Hill Trip 2/3/07 6 Hours Hill Trip 2/11/07 3/3/07 COMPLETED

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11/21/06	06222	Shipped 11/21/06 Received 12/19/06	No	11-21 The KPC-9612 appeared to have a 232-chip failure. Power light was on and CR-2 backup battery had a reading of 2.7VDC but could not connect with computer after doing hard reset. Shipped back to Kantronics for repair. 12/19/06 – Installed programming and checked. 12/20/06 – Installed on hill 3/3/07 – Programmed and placed N7Yts KPC-9612 on hill as backup spare. 3/3/07 – Digipeater is not relaying other stations so we need to check the programming. UIDIGI currently reading WIDE1-1. Problem may be in the UIGATE programming.	KPC-9612	Note: Placed WW7RA emergency backup weather and APRS station on air.	G	11/21/06 2.5 hours Hill Trip 3.5 hours Bench work 12/20/06 3 Hours Hill Trip 3/3/07 2 hours Hill trip COMPLETED
12/11/06	06224	-	No	12/11/06 – Eric, KE7EDW working on controller programming to allow weather voice reporting from UHF repeater. 3/21/07 – Bill, N7YT and George, N7GME spent several hours working the program received from Eric, KE7EDW and finally got the voice reports to work separately from each repeater.	Weather Vox	Note: The weather voice announcement length is 1 minute 30 seconds. The gap between end of announcement and final weather vox thank you is 17 seconds. Eliminated this gap by setting timer to 100 seconds.	E B G	3/21/07 Programming 9.5 hours COMPLETED
12/14/06	06225	Ordered 12/14/06	No	12/14/06 – Lightning protection to be installed on the whip antennae that services the control link and Digipeater system. 2/3/07 – Polyphaser lightning protection already installed. Placed new Polyphaser lightning protector with PL-259 connectors in SPARES.	Lightning Polyphaser 23 foot Whip	Note: The KPC-9612 had a burned out RS-232 chip and we suspect a lightning surge via the whip antenna.	B G	CANCELLED
3/3/07	07227	-	No	Connect the 28 VDC Variable Power Supply (VPS) to the UHF repeater amplifier to boost the transmit power to the UHF repeater.	UHF Repeater	Note: Boosted UHF output from 35 watts to 58 watts. Voltage is 23.5 volts coming out of VPS supplying both VHF and UHF repeaters.	B J G	Hill trip COMPLETED 10 April 2007 6 hours
4/14/07	07230	-	No	5/14/07 – The UHF repeater was causing some flutter when weak VHF stations were transmitting using the VHF repeater. After some discussion it was determined that we should overhaul the N-connector on the coax coming from the transmitter and terminating at the VHF antenna coax as it was noticed that it was loose upon inspection on previous hill trip and could be picking up stray RF when the UHF repeater transmitted at the same time.	VHF Repeater	Work Accomplished: Cut off an installed new Amphenol N-connector. This appeared to immediately clear up the problem of distortion on the VHF repeater.	J G B	Hill trip COMPLETED 14 May 2007 4 hours