

WWRA OPS COMMITTEE TASK TRACKING (8 May 2005 to 29 June 2006)
CURRENT PRIORITY ACTION ITEM – ACTION ITEM--INDEFINITE HOLD – COMPLETED ITEM

2004 2006	Task	Order Status	Op Status	Work	Equipment	REMARKS	B G E	Target Due Date
5/8/05	05200	Transformer REPAIR Ordered 5/16/05 Received 5/23/05 5/26/05 Ordered Received 6/8/05	No	VHF transmitter amplifier PA 100 power supply blew 5-amp fuse. 5/15/05 – Bill, N7YT replaced rectifier and tested transformer. New transformer will be ordered. 5/16/05 – Bill, N7YT ordered a transformer, bridge rectifier and capacitor for old amplifier. 5/26/05 – Bill, N7YT got amplifier working but cooling fan was binding. Need replacement. Additionally Bill discovered that the circuit for activating the cooling fan when the amplifier is used was OOC. The wiring had been disconnected and was coiled up inside the unit. The plan is to put this back online. 6/9/05 – All parts for repair of A unit arrived. Bill, N7YT will repair as time permits. 7/4/06 – VHF Amplifier UNIT A REQUIRED COMPLETE OVERHAUL – Due to a legacy issue we inherited and were not aware of until we got into inspecting the original A unit amplifier and comparing it with the new B unit Bill completely overhauled the A Unit amplifier from the ground up. It was totally changed inside by someone and was apparently the reason it crapped out to begin with. 7/9/06 – Installed on hill and in service this date.	VHF Amplifier “A” REPAIR	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. 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. 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. +++++ INITIAL READINGS 7/9/06 SWR/Power Out VHF 47 watts SWR/Power Out UHF 23 watts Power Out VHF to 20 watts @ 28VPS Install A Unit Power Out 47 watts 6 amps Install B Unit Power Out 30 watts 2 amps +++++	B G E	5/15/05 Bench 2 Hours 5/16/05 Admin .5 Hours 5/26/05 Bench 2 Hours 6/6 to 6/9 Bench 5 Hours 7/4/06 Bench 3 Hours 7/9/06 Installation on Hill 4.5 Hours COMPLETED

2004 2006	Task	Order Status	Op Status	Work	Equipment	REMARKS	B G E	Target Due Date
5/20/06	06208 Related to task 06205	Ordered 5/22 Received 5/26/06 Ordered 5/31/06 Received 6/7/06	No	5/20/06 - Brought PA 100 down from hill to check out. Bill, N7YT is doing the work. 5/22/06 – Ordered PA 100 manual. 5/28/06 – Bill, N7YT commenced trouble-shooting amplifier. 5/31/06 – Amplifier was not working and it is possible that it quit working soon after installation on hill. We do not want to ship it back to ACS as we now have two of these unreliable amplifiers. After 10 hours of work and testing ordered some parts from Mouser. 7/2/06 – Replaced .47-ohm resistor with 1.0 ohm resistor 10W rating and installed a 25-amp bridge rectifier. Completed. 7/9/06 – Installed B UNIT and check out in service to get readings. After readings B UNIT was placed in standby rack.	VHF Amplifier “B”	Note: George ordered second manual, as it was not clear where the first one was located. Note: 5/31/06 - Suspect it is a bridge rectifier but, of course, that took a few other components with it. Should have parts next week to fix it. Or to see what the next step will be. +++++ INITIAL READINGS 7/9/06 SWR/Power Out VHF 47 watts SWR/Power Out UHF 23 watts Power Out VHF to 20 watts @ 28VPS Install A Unit Power Out 47 watts 6 amps Install B Unit Power Out 30 watts 2 amps +++++	B	5/21/06 4 hours 5/28/06 4 hours 6/1/06 10 hours 7/2/06 2 hours 7/9/06 Installation on Hill 4.5 Hours COMPLETED
5/27/06	06210	-	Yes	5/27/06 – Unprompted ID and Reminder to identify has been “clipping” and not completely going through the entire announcement. Researching. 5/28/06 – Downloaded all the programmed slots. Tested all the programmed slots and all data are properly installed. Something in the pre-programmed Macros is not working correctly. 6/1/06 – Looked over all 01 to 99 slots and shut off Echolink announcements. Now there are no announcements left enabled. 6/26/06 – At 8:30am both repeaters commenced announcing cycling back and forth. After a full minute and making two time announcements, at 8:30 and 8:31 the cycling stopped. 7/2/06 – Deleted Macro’s 220, 221 and 222 that control the Initial ID on port 1, 2 and 3 respectively. This has cancelled the unprompted partial ID’s at the half hour every hour.	Controller Programmin g	Note: It is suspected that there is a corruption somewhere in the controller memory and may require a hard reset. It is also possible that since 4 different people were programming it when it was first setup that one of the undocumented program lines is causing this error. 6/14/06 – Decision made to let the corrupted unprompted messages stay until an easier solution is found or we are forced into a hard reset. 7/2/06 This job may require a full HARD RESET so it has been put back on the active list. Looks like this fix is working so no hard reset necessary.	G	5/27/06 2 hours 5/28/06 3 hours 6/1/06 2 Hours 6/13/06 3 hours 7/2/06 2.5 hours COMPLETED

2004 2006	Task	Order Status	Op Status	Work	Equipment	REMARKS	B G E	Target Due Date
6/29/06	06214	Ordered 06/29/06 Repaired 7/6/06	Yes	07/01/06 – Gary, Qwest repair could not find his key to Gold Mountain. Will meet George on hill Thursday, July 6 th to repair. 07/06/06 – Met with Qwest and Russ Hill left keys for access to transmitter room. Qwest swapped out the telephone lines and we now have <u>static free</u> telephone lines.	Auto-patch Telephone Line	Static on telephone line.	G	6/29/06 .5 Hour 7/6/06 Hill Trip 2.5 Hours COMPLETED