RASPBERRY PI NEW DELIVERY
CHIP PROGRAMMING INFORMATION

CREATED BY: _____ Date: _____

DELIVERED TO: _____ Date:_____

CHIP STATUS as of _____ : Callsign KX4Z-7; JNVLL; FAST usb clock; Adafruit

ITEM	SETTING	COMMENT
Raspberry #		
Chip #		
Chip Size		
% full /dev/root filesystem		
Ethernet MAC		(depends on Raspberry)
WIFI MAC		(depends on Raspberry)
Set for network	SSID	Passphrase:
Linbpq version	6.0.13.36 April 2017	Size 2.986020 Mbytes
Direwolf version:	1.3	
FLDIGI version:	3.23	(compiled by GLG)
Chrome version:	51.0.2704.91	
Basic raspberry username	pi	
Pi password	AlachuaHam	Change with passwd command if necessary.
root password	Peanuts()	
vnc password		Remember: XXX.XXX.XXX.XXX:1 when you try to use vnc to access #1 screen VNC frequently refuses access if not right after a reboot.
System reboot	0600 1200 1800 2400	cron task owned by root
Delivered USB clock	❏Set to SLOW (USB1.1)	**cd into the subdirectory /boot and execute the following command:** `cp cmdline.txt.slow  cmdline.txt` to USB1.1 slow speed; this will be necessary to make ADAFRUIT USB audio adapter reliable.

		Do not make this change until you have either telnet, PuTTY or VNC access working well.
direwolf.conf	❏ Adafruit sound card ❏ Signalink sound card ❏ alsamixer setttings correct and saved	/home/pi/direwolf.conf
Direwolf call sign (MYCALL)		
Direwolf beacon	NOT ENABLED	
AGWPORT	8000	
KISSPORT	8001	
LINBPQ settings:		/home/pi/bpg32.cfg
Node Callsign	-7	basic node callsign
Node Alias		
Chat callsign	-4	chat direct
Chat Alias		
WINLINK features		
WINLINK callsign		
WINLINK password		
WINLINK RMSRELAY		
ID occurs every:	10 minutes	
Beacon occcurs every:	30 minutes	
Node transmission every:	15 minutes	
Minimum quality	120	
Quality to RF links	200	
Quality to Mesh links	200	
Sysop		
Sysop password		

TNC settings	❑ Direwolf port 8001 ❑ TNC-X on usb	Can be changed in /home/pi/bpq32.cfg
Keepalives	TURNED OFF	NOKEEPALIVES=1 This is important on the 2 meter RF links or you will completely clog up the frequency
TELNET SERVER	port 8010	
VNC SERVER	ports 5900/5901	
HTTP SERVER	port 8080	
SECURITY		
Hosts.deny	Set to: ALL: ALL	
Hosts.allow	Set to SERVICE Addr ALL: 192.168. sshd: ALL _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	
Sshd uses port	8091	Set in /etc/ssh/sshd_config (requires root)
		WARNING: DO NOT EXPOSE "KNOWN PORTS" TO THE INTERNET. **Control access to your ports using port forwarding or other means at your home router. Learn how to do this before you allow your raspberry to exist accessible over the Internet. I recommend ONLY ssh access.....**
MESH		
Receives IP # from	Uibiquiti node	
UDP	10093	
AUTOADD	ON	