

ID	TOPIC	SUB BY	DATE	STATUS	COMMENTS
32	When should a pistar firmware be updated and when not?	N1QFH	2018-11-18	COMPLETE	N2ELG does weekly, N1QFH when hears others update firmware, leaves it on 24-7, KO4DJG - update pi daily, upgrade pi os on demand, AF4FA - update binaries on demand lynx, update 1st and upgrade pi eg 4, 1, 2 to 4, 1, 3, if go from v4 to v5 need to reburn new sd card, depend on level of complexity
33	if a pistar shows loss, when and what action should be taken?	N1QFH	2018-11-18	COMPLETE	N2ELG-adjust settings, AF4FA - dashboard in loss column, station to rptr, rptr and IP, or station and pistar, latency issue, BER bit error rate station and hoysdpot too much of discrepancy of radio and pistar ssh > mmdvmcal (see BLOG) to figure correct offset to adjust freq to get BER down  K18A, no good answer af4fa: dual bands, <a href="https://www.amazon.com/Antenna-Duplex-Module-Hotspot-D-Star/dp/B07KPZVD7F">https://www.amazon.com/Antenna-Duplex-Module-Hotspot-D-Star/dp/B07KPZVD7F</a> <a href="https://www.rogerclark.net/dmr-mmdvm-duplex-hotspot/">https://www.rogerclark.net/dmr-mmdvm-duplex-hotspot/</a> N2ELG - need 2 HATS for 2 freqs, KO4DJG - pro: disconn tg due to 2 freq
38	What is needed to have a pi-star configured using duplex such as 2 antennas, how far apart should these antenna be from each other, why and what are the advantages?	N1QFH	2018-12-02	OPEN	K18A, ir rptr will not accept call N2ELG - depends codeplug settings (force mode) AF4FA admit criteria determines this if on pistar, keep to always and server will deterine, if simplex use always else use channel free  Admit Criteria This determines when you are allowed to transmit. The options are: Color Code (preferred) - Allows you to transmit only when the time slot is available. Channel Free - Allows you to transmit when the channel is clear, however there may be someone using the same time slot. Always (impolite) - This allows you to transmit even if there is another QSO on a different time slot. This would interrupt the current QSO. The only time 'Always' should be used is if on a simplex channel or in the analog mode.
40	When a person is transmitting and another station hits the PTT, might the digital packet be interrupted and what are the side affects?	N1QFH	2018-12-02	COMPLETE	

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47	On a TYT380 given just the analog channels, is there a way to scan just those analog channels and how might it be configured in the codeplug? How start the scan? will affect battery, how is it different than promissious?	N1QFH	2019-03-03	OPEN	on ch, id scan, add scan group, start: set to key assignment, promissious sits on dmr freq for activity
57	is there a way to boost the wifi signal to pistar to improve the connection	N1QFH	2019-03-11	OPEN	
58	feasibility of placing pistar in radio eg tyt380	N1QFH	2019-04-21	OPEN	not done yet
61	what are some of the nagging issues with using and programming DMR radios?	N1QFH	2019-04-21	QUEUE	
62	MD380 uhf new sw 1.05 to 1.08 what are differences, no info, filesystem is different	WD2B		OPEN	ty weaver updated to 200k
63	any limit to user in user db?	WD2B		OPEN	ANYTONE, FW INC 200K, LIBRAOFFICE,
66	Does anyone know how to use FLASH TOOLS 1.08 with CSV database? It does not appear to reduce the size of the database, so the assumption is that you might have to manually prune the database before loading.	N2ELG	2019-05-05	OPEN	
67	AI reports that you need to update your PI-STAR if you are using the 3D Plus Board to version 4 Release candidate 4 also that there are Updates to the P25 Voices. He suggests a weekly running of the UPDATE from the browser to have the latest firmware.	N2ELG	2019-05-05	OPEN	
68	DV2 MEGA LARGER HAT CAN ADD RESET BUTTON	AF4FA	2019-05-12	OPEN	
69	Can the mini sd card be cloned to use on another pi-star		2019-05-12	OPEN	
70	BrandMeister Hotspot Security - explain why needed and how to implement	AF4FA	2019-05-19	OPEN	
71	Hotspot Offset Calibration (fixing BER)	AF4FA	2019-05-19	OPEN	
72	Fix Hotspot Power Savings setting	AF4FA	2019-05-19	OPEN	
73	ON TRNSMIT SEE ID UNKNOWN, WHY, HOW FIX	N1QFH	2019-05-19	OPEN	
74	Using DMR TYT radio, how to see reverse when going to repeater	N1QFH	2019-05-26	OPEN	
75	get error issues with git failing to update your pistar	AF4FA	2019-06-02	OPEN	
77	How to get UDB for moto radio (NY4Z)	NY4Z	2019-07-07	WIP	RESEARCH

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78	How to get parts for anyone ant that broke	N2ELG	2019-07-07	WIP	868 ANYTONE, pin in sma conn stick up broke, mike ele to resolve, send guts of radio, not able to use, took female ant sewing t pin to cut approx 1/16 loger than depth into slot, workes fine, bridgecom website
80	Anyone use VOX tyt380 in codeplug? Message: AMP-U25D	WD2B	2019-07-14	WIP	
84	Connected to an AnyTone AT-D868UV . 5w input setting. Dual-Band MIFJ Yagi. Supposed to support DMR. Can listen, but when I try to transmit, there is a short attempt (light blinks), then no output. If I continue to hold PTT, fast flashing light on AMP-U25D.	W4NQR	2019-07-14	WIP	
90	How will users know when to use net new TG	AF4FA	2019-08-18	OPEN	TG 311037 TS2
91	Does anyone have a hyteria HH, discuss how they handled the codeplug, and share anyother info	N1QFH	2019-08-26	OPEN	
92	When can TalkAround be used, how is it used, why, and why not use it?	N1QFH	2019-09-09	OPEN	<a href="https://forums.radioreference.com/threads/dmr-repeater-talk-around.352432/">https://forums.radioreference.com/threads/dmr-repeater-talk-around.352432/</a>
94	What is proper editick to access TG on repeater, hotspot, etc	KN4RYN	2019-10-06	OPEN	
95	What is good way to convert TYT codeplug to AnyTone	N1QFH	2019-10-06	OPEN	bridgecom on youtube Link should be <a href="https://www.youtube.com/channel/UC5JzbaXRst_EPZIH1UrXJew/video">https://www.youtube.com/channel/UC5JzbaXRst_EPZIH1UrXJew/video</a> s BY Harry KC1TN need blank CP, import CSV and adjust need
96	Jumbo HS: any reason to update version pistar	KA8EOA	2019-10-06	OPEN	consider looking at settings of what to show for user info
97	Not seeing user info on lastheard	KA8EOA	2019-10-06	OPEN	same issue with iphone, should we let someone know aka NY folks
99	Not able to hear conversation on hose or on phone	KA8EOA	2019-10-06	OPEN	May want not update and let it shake out look at bridgecom website
100	Has anyone updated AnyTone updated FW 878?	KB3WBN	2019-10-06	OPEN	

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112	Shark open spot in effort to keep cost down from 200\$ on one type and 300\$ for another, can run just dmr with just mmdvm hat only	WD2B	2019-11-03	OPEN	building project and assemble, use ebay, amazon buy boards, careful of imitations, get the real thing not a clone of pi-star for example, have QA issues, may be better to invest a bit more \$\$ to ensure quality functioning hotspot, leave it on overnight to auto firmware updates, several updates are now pending, v 4.1.x to lynix os, latest is 20191112
115	ty weaver site is down, how can get dmr tg, flash tool	WD2B	2019-11-10	OPEN	FROM W4AEQ - NO UPDATE,MAY BE TIMING,
116	PROMISICIOUS,SCAN,REVERSE	N1QFH	2019-11-10	OPEN	
117	What are some best practices when going in lengthy trip with wifi connected to hotspot and radio connected to hotspot? what TG do you tend to use, why? have you had any power issues when on such a trip? has anyone built a codeplug just to be used for lengthy trips and what kinds of TG did you define for use?	N1QFH	2019-11-17	OPEN	bernie: what type of cbridge, good process, tg, ts, group, ptt or fulltime, done in a few days, if does not carry, if need to get from bm rpts may take longer (few weeks)
118	What is correct way to request a c-bridge owner to add a TG and what type of info needs to be provided? Is there a timeframe in which to expect such request to be completed or rejected?	N1QFH	2019-11-17	OPEN	jay uses tactical antenna, bernie uses vhf due to hills, 868 and 878 vhf std rub dck, do not want to be sticking out,
119	AnyTone 868 - any improved rubber duck to give better performance on vhf side	NY4Z	2019-11-17	OPEN	ext antenna, ssid and pw, no special char on ssid or pw, check which devices connected, PING DEVICE, do speed test and use cable conn to pistar
120	Pistar, mobile, near windshield on car, using cell tmobile wifi, parrot not repeating, ssid and pw, no special char on ssid or pw	WA3LSU	2019-11-24	OPEN	SEND REQ TO PISTAR DEVELOPERS
122	is there way to associate TG to name	KN4RYN	2019-11-24	OPEN	
123	How do you change rooms on your radio when busy.. for example I'm connected to 91 and want to change to 235 everytime I ptt I cannot get in time to change before more traffic on 91?		2019-11-24	OPEN	Get a duplex hotspot, ensure everyone waits 3-5 sec between PTT, turn radio off or remove antenna, shot down hs
124	can the pistar dsdhdboard show the name associated with the TG	WD2B	2019-11-24	OPEN	submit to pi-start.uk; KN4YRM - built javascript plugin to chrome console, lynix,

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125	discuss speciality TG: TG-4000: disconnect, TG-5000 for pistar status`	N1QFH	2019-12-01	OPEN	<a href="http://mrickey.com/2018/02/using-dmr-reflectors-on-brandmeister/">http://mrickey.com/2018/02/using-dmr-reflectors-on-brandmeister/</a>  There are also two special id's on either side of the reflector range that must be sent as private calls:  4000 – Issuing a private call to 4000 will disconnect a reflector 5000 – Issuing a private call to 5000 will tell you which reflector is connector (or none)  <a href="http://74.91.114.19/status/status.htm">http://74.91.114.19/status/status.htm</a>  <a href="http://74.91.114.19/status/list.htm">http://74.91.114.19/status/list.htm</a>
132	with IP outage like what happened tonight, any way to discover root cause, how to get 3102 server status	N1QFH	2019-12-15	OPEN	validate 1.freq, 2. wifi ip/pw 3. power sequence then send n1qfh backup of pi-star  <a href="https://confluence.brandmeister.network/display/BRAN/Voice+message+User+blocked">https://confluence.brandmeister.network/display/BRAN/Voice+message+User+blocked</a>
133	2-pistar, 3-md380, one radio does not rcv, pi did not work,	W4HI	2019-12-15	OPEN	
135	CPS - who need assistance	N1QFH	2019-12-22	OPEN	if on our rpt use ts-2 tg-311037, all others use ts-1
136	What tools and technoques to slim down user database	N1QFH	2019-12-22	OPEN	use excel, <a href="https://github.com/dmr-database">https://github.com/dmr-database</a>
138	ask wel 145.19 cc-2 dmr trustee if they could use 3102 server	N1QFH	2019-12-29	OPEN	
139	how to use contact manager, when and why	N1QFH	2019-12-29	OPEN	
141	radios compared on website	N1QFH	2019-12-29	OPEN	<a href="https://brara.org/documents/general/DMR/DMR-RadiosCompared.pdf">https://brara.org/documents/general/DMR/DMR-RadiosCompared.pdf</a>
142	anytone 578 with codeplug triband 2m 220 440 do not update firmware by user, re: need code by fcc c/o dealer,	AF4FA	2020-01-05	OPEN	RE: 220 IS BEING LIMITED BY FCC  tx interrupt not sure how used
144	in codeplug for a given dmr channel there is a setting called "in call criteria" with options of 1. always 2. follow admid criteria 3. tx interrupt how is this used and what are problems it may cause	N1QFH	2020-01-12	OPEN	<a href="https://www.jeffreykopcak.com/2017/06/11/dmr-in-amateur-radio-programming-a-code-plugin/">https://www.jeffreykopcak.com/2017/06/11/dmr-in-amateur-radio-programming-a-code-plugin/</a>
145	what are pro and con for adding individuals dmr id vs user.db to contacts	N1QFH	2020-01-12	OPEN	designed orig comm use, limit user list,

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146	Scan Lists are not required for radio operation but are nice for scanner like functionality across repeater time slots and frequencies. Channels have to be established first before it can be added. Scan Lists can contain analog channels too.	N1QFH	2020-01-12	OPEN	
147	pro con conn pi-star via usb direct to wifi	N1QFH	2020-01-12	OPEN	could desens rf
148	explain Rob.A issue with AnyTine and possible solution with varicode	N2ELG	2020-01-19	WIP	could be locked, chip vocoder issues needs updates in special sequence, AI said FCC is cracking down on radios, out of band, can find freq limits by menu > settings > device info, scroll to band limits
149	user dropped AnyTone, hit floor on mic jack with mic in it, does not work, possible broken internal part, what is best next step to fix?	N2ELG	2020-01-19	OPEN	no good solution
150	Does anyone use bluetooth to connect mic/headset and what kinds of issues arose if any	N1QFH	2020-01-19	OPEN	can only bond one item to car, n2elg, kk4yk also uses bt, AF4FA 2 vvrions had earlier versions
151	has anyone had an issue with TYT9600 freezing up and how resolved, what was root cause	N2ELG	2020-01-19	OPEN	N2ELG had new cp and parm issue new firmware did not support, used old cp for anyone resolved it
154	issue with anyone 878/578 using aprs and gps, not able to get it working	KK4YG	2020-01-19	OPEN	
155	all differrent cps and addaptors, unque issues	N1QFH	2020-01-26	OPEN	
156	hamcartion review	N1QFH	2020-02-09	OPEN	purchases, dmr related, learnings
157	review how to get pi-star update to 4.0	N1QFH	2020-02-09	OPEN	
159	how to migrate tyt380 to anyone 868	N1QFH	2020-02-09	OPEN	need to keep script
163	is there a longer last battery pack for the TYT, Anytones, etc that could give over 3k mAh	N1QFH	2020-02-16	OPEN	
164	tyt-2017 any suggestions on firmware and codeplug updates?	N1QFH	2020-02-16	OPEN	battery guy at hamcaton <a href="https://batteriesamerica.com/">https://batteriesamerica.com/</a>

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184	Difference between DMR Tier 1, DMR Tier 2	N1QFH	2020-03-15	OPEN	<p>And it has 3 different DMR standards: DMR Tier 1, DMR Tier 2, DMR Tier 3. Today we are going to say the difference between DMR Tier 1 and Tier 2.</p> <p>DMR Tier 1 features:</p> <ol style="list-style-type: none"> <li>1. It uses 446 MHz frequency band in Europe and US, licence free band.</li> <li>2. ETSI specification defines two time slots in 12.5 KHz channels as per TDMA structure.</li> <li>3. The DMR Tier-1 devices transmit maximum power of 0.5 Watt. It mean the power limit to 0.5W.</li> <li>4. Works in Direct Mode (Radio-to-Radio).</li> <li>5. Tier 1 DMR devices are best for individuals, recreation, small retail, or other situations that do not require wide area coverage.</li> </ol> <p>DMR Tier 2 features:</p> <ol style="list-style-type: none"> <li>1. It uses 66 to 960 MHz frequency band. License Need.</li> <li>2. This licenced band is used for mobile phones and conventional radio systems.</li> <li>3. DMR Tier-2 is direct replacement for analog conventional radio.</li> <li>4. This mode can use repeater to extend the radio coverage.</li> <li>5. This mode is used for high power transmission devices.</li> </ol> <p>So Tier 1 and Tier 2 radios actually should be able to talk to each other fine if you put them on the same frequency but because tier 1 radios are only able to work on the pmr446 frequencies you have to program your tier 2 radios to work on the same frequencies to be cable to talk to a tier 1 radio.</p>
193	What is a trunked radio system	N1QFH	2020-03-15	OPEN	<p>A trunked radio system is a digital two-way radio system that uses a digital control channel to automatically assign frequency channels to groups of users. In a half-duplex land mobile radio system a group of users with portable two-way radios communicate over a single shared radio channel, with one user at a time talking.  FMI: <a href="https://en.wikipedia.org/wiki/Trunked_radio_system">https://en.wikipedia.org/wiki/Trunked_radio_system</a></p>
194	Kenwood DMR NX-1000: any pro / con	N1QFH	2020-03-15	OPEN	
197	how do you use hs dynamic programming eg TG and TS?	N1QFH	2020-03-24	OPEN	

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198	When I switch to a different network, TGIF or Brandmeister, the network I switch to appears on my Pi_star Dashboard and my Hot Spot. However when I transmit my hot spot and Pi-Star show me transmitting but I am not actually connected to the network I switched to. To get connected I have to go back into configuration/DMR configuration and hit Apply Settings once again and then I am connected as expected. This started happening about a month ago on both of my hot spots. I did complete reinstalls of Pi-Star on both spots but the problem still exist. I know I am not the only one having this problem. Any suggestions would be greatly appreciated.	N2MRH	2020-03-24	OPEN	UPDATE: The problem is being caused by the HOT SPOT SECURITY being turned on in selfcare in BM. I had everything setup with Hot Spot Security and password set in both selfcare and my hot spot. Well I turned off Hot Spot Security in BM selfcare and now everything works as expected. I switch to BM and hit apply setting and I connect as expected. Don't know if the problem with Hot Spot Security is with Pi-Star or BM.
201	anytone - how to enable dynamic TGs	N1QFH	2020-03-29	OPEN	AF4FA: wip
219	is there a way to make md9600 switch to use one band and back to two band like the anyone can do	N1QFH	2020-05-03	OPEN	USE ONE ZONE WITH ONE BAND, SUBMIT REQUEST TO ADDRESS TO PISTART.UK
226	NYMETRO DMR TECT NETS	N1QFH	2020-05-03	OPEN	NY4Z: TUE 8PM 31360 BMR
232	is there TG for HF spotting	N1QFH	2020-05-10	OPEN	DX LINK tg 31777 <a href="http://wiki.tgjf.network/index.php?title=WORLD_WIDE_DX-LINK_SYSTEM">http://wiki.tgjf.network/index.php?title=WORLD_WIDE_DX-LINK_SYSTEM</a> <a href="https://www.qsl.net/k2hze/">https://www.qsl.net/k2hze/</a>
238	given my pi-star uses a pi zero, can i upgrade / replace the zero with a pi 4b (50\$)? HOW, ISSUES?	N1QFH	2020-05-31	OPEN	AF4FA: all OS can run on it, may need to soldering word, modem board may be plug/plag,
239	I've got a MMDVM Hotspot, and had it working fine through my Xfinity network and router. I am using an Aliance HD-1. All of a sudden, it no longer works. It appears through the Pi-Star dashboard, that am connecting to sites, but I never get any audio back, from Parrot, or hear anyone else on any sites. I can see data bits going each way. I can connect to my Sprint phone as a hotspot, and everything works fine. I have tried completely turning off the Xfinity router firewall, and that doesn't help. I am using the latest 4.10 software. I'd appreciate any suggestions,	WA7HOI	2020-05-31	OPEN	



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240	hotspot would not connect to any of the 3 US Brandmeister Servers. This problem occurred before the update, which he did thinking that might be the issue. Upon further probing, he also connects to Brandmeister via DV Switch, and the servers may be interpreting that as 2 connected hotspots etc. He will see what happens in 24 hours.	KK4YG	2020-05-31	OPEN	only pistar 3102 on, hs pw rejected, QWICK XIT BURSTS WILL LOCK OUT
243	PI-START CAN YOU EXPLAIN CPU LOAD VAR - 0.87 / 1.29 / 1.3	N1QFH	2020-06-07	OPEN	
246	What's up with these 4000 intrusions with hotspots? They show up randomly while using a hotspot, nullifying the signals from a talkgroup that you're talking with	NewEng-TRBO	2020-06-14	OPEN	AF4FA: 4k disconn from pistar, af4fa: depends on codeplug, reach out to jeff.s and jerry.z, APRS.FI, cbridge have to define tg, most do not, bmr do allow it; al could get it wo work fine and metar KK6YG: pgm radio need addtl channel bmr need sprecifc group to use, setup bmr account, add callsign-1 on aprs map
247	can aprs msgs be sent to dmr rpts like brara machine?	KO4DJG	2020-06-14	OPEN	
259					
260					