MMDVM 个人热点 P25 数字模式 XTS5000 的简易设置方法

(原创) 2017-11-30 BH7PUE的无线电与好玩的东西

刚刚入手了MMDVM这个多模式数字调制解调器,千辛万苦把机器SETUP完毕,各个模式 (除了D-STAR,因为我没设备)八重洲C4FM,DMR(MOTOTRBO),P25一个个来完成测试,鉴于有 些HAM友未能知道P25该要如何设置,刚好我有些许的心得,想在这里和大家分享一下我的设置方 法(未必是最佳设置办法,目前我测试过这个设置能工作,如有更好的方法请与我联系并告知,谢 谢)

首先PI-STAR的设置界面上,要把P25的开关打开

P25 模式: 🔅 BHTPUE的完线电<mark>和规制</mark>东西

然后应用设置,稍等30秒左右,重新回到设置界面,会看到下面有个P25的选项打开了,里面 有几个服务器可以选择

这里我们选择1040	01服务器 P25 配置
设置	
P25 默认服务器:	10401 - pacifictac1.repeaters.info 🔻
P25 NAC:	None 10 - Parrot
\	10100 - 85.119.82.151
	10200 - 44.103.32.16
设置	10300 - 176.9.1.168
仪表盘访问:	10400 - pacificp25.repeaters.info
ircDDBGateway 远程:	10401 - pacifictac1.repeaters.info
SSH访问:	• Private Public
	NOT BELYPUE的元酸相与発売時原因

感谢澳洲的VK2HK为我们中国HAM建立了一个10401的服务器和通话组,让我们可以有自己专属的P25通话组和服务器

这里我选择了10401的服务器来设置,下面P25 NAC我没改动,用默认的293即可,设置完后点击 应用设置,MMDVM热点的设置就完毕了

下面我用XTS5000手持机的R17版本CPS做演示

首先打开你的CPS写频软件,读取你的机器,等待读写完毕后,到菜单项目那里,把左边的 TGRP 软功能添加到右边的菜单里面



然后,去到ASTRO System -1 里面的GENERAL页面,把你从brandmeister处申请的ID填入此处,例如我的ID是 4600000,我就在这里填入 4600000(具体ID号请看你个人申请得来的ID)

ASTRO System - 1 of 2	
General Energency Energency Options Benote	Advanced Data ARS DVES
	10 3 de -1 4
Individual	25 → 細八目CA
	的ID数字
Talkgroup ID:	1 -
a manage of the second	·
Branchia	110 1
Freamure	
and the second second second	0.0 -
Scan Signal Time	0.0 +
	F
Scan Voice Detect Time [ms]:	0
🗟 Status 🖉 Sta	ntus Request 🛛 🖾 Message
Preamble Multiplier	
CAL BHI	PUF的无线电与好乐的东闭
- 1 - A - I -	
	ASTRO System - 1 of 2

跟着去你想改成MMDVM专用频道号上,例如我的是Personality 17(你去你自己决定要用的那个频 道上),点击RX OPTIONS页面下的 RX VOICE/SIGNAL选项,选择 ASTRO选项

BH7PUE XTS5000	
Radio Configuration	Conventional Personality - 17 of 240
Conventional	and the state of t
Conventional Configuration	Smart PTT Scan Advanced ASTRO ASTRO Call ASTRO Talkgroup Options
H MPL	One Touch Fireground Quik-Call II DTMF Prequency Options
🗄 🚰 Conventional Personality 💉	The Options Signaling MDC Secure Secure II BAC Phone
Conventional Personality - 1	
Conventional Personality - 2	Receive Only Personality
Conventional Personality - 4	Br-Unaute Delay: 1 - 0 (ms;
- Conventional Personality - 5	a a transmitter
- Conventional Personality - 6	Unnute/Muta Type: And UnMute, Dr Hut -
Conventional Personality - 7	By Voice/Simal
- Conventional Personality - 9	Squelch (Fine Tune): 6
- Conventional Personality - 10	
- Conventional Personality - 11	F Ba B. C. 18日刊 P. M. F. 编示线组织与冲压的在初
- Conventional Personality - 12	

之后转去 ASTRO Talkgroup Options,把 Talkgroup 打勾,然后 Selection Type 改成 Selectable

Conventional	Personality - 17 of 240		
One Touch	Fireground Quik-	Call II DTMF Fr	requency Options
Rx Options T	x Options Signaling	MDC Secure Secure II	I RAC Phone
Smart PTT S	can Advanced ASTR	0 ASTRO Call ASTRO 1	Calkgroup Options
			-
	🔽 Tellemenn 🔺		
	A Larver out		
	Selection Type	🔺 Selectable 🛛 🚽	
	Talkgroup List	1 🗸	
	T.11	1	
	larkgroup in	1	_
7 . 6 9 40			
7 UI 240 K		O X I GO D	
Close Hel	p		
		Com BEIZPUE	就是线的与体际软件

继续来到 Conventional Configuration 下的 ASTRO System 下的 ASTRO Talkgroup List下的 List 1 里面,去到Talkgroup Table 页面下,按照我下面图片的设置输入7个Talkgroup(日后有新的通话 组可以按着这个方法再增加)Talkgroup Alias Text 里面的内容可以自行修改,只是通话组的名字 而已



下面有一篇文章解释各个Talkgroup的作用:

P25 Repeater

P25 Repeater

The P25 Repeater is currently connected to a worldwide system that incorporates 4 Reflectors using software written by Jonathan (G4KLX) we are hoping that in the not to distant future it will be expanded even more and onto the existing P25NX network.

Users will require a DMR-ID that is currently being distributed by the DMR-MARC group and can be obtained by logging onto this site, <u>http://dmr-marc.net</u> near the top right of the page you will see "Register-ID" then at the bottom of that page you will see "User Registration". Once you have entered all your details you will receive an email from the team in approx 24-48 hours with your DMR ID, this ID will be in the form of 505xxxx, the 505 is for Australia, the next number will be for the state, so 2 for NSW, 3 for Victoria etc, then the next 3 numbers will be your unique ID. This ID is linked to your callsign and is now used for DMR, P25 and ircddb (Dstar) or ccs number. Your DMR ID number will need to be added into your radio and will be sent with every transmission.

The following Talkgroups are being used on our current reflector system and is running in parallel with the TG's used by the P25NX system to make it easier when we integrate systems in the future.

TG10100 is the WorldWide Reflector TG10200 is the North America Reflector TG10300 is the European Reflector TG10400 is the Pacific Reflector

TG9999 is Disconnect TG10 is the P25 Parrot TG1 is for local repeater use (this is unique to VK2RAG and VK2RHK repeaters only and may be changed or removed at a later time,)

When changing from one reflector to another or to the Parrot or local TG, you will need to use TG9999 first to disconnect from whatever reflector the repeater is currently connected to.

Any further information required about this system or the MML 14世界的影响自然的影响的东西 VK2RAG, please email Ian directly on <u>vk2rag at vk2hk.com</u> and make the subject line "MMDVM on VK2RAG"

简单来说, TG 10100 是全球反射器

TG 10200 是北美区反射器 TG 10300 是欧洲区反射器 TG 10400 是太平洋区反射器 TG 9999 是用于断开连接用的,每次转换Talkgroup都需要用到 TG 10 是鹦鹉组,用于测试信号,就是你说一句,它会录音再返回发射给你听 TG 10401 是VK2HK特意为中国HAM开通的通话组服务器,请大家多多上这里通联

设置完毕就可以写入机器了,之后你可以发现你写好的频点那里,有菜单能切换不同的 Talkgroup,以实现不同的反射器接入

全文就是如上了,另外你热点和你填入的ID必须一致,否则热点没反应的,或者你热点要改成 pubilc模式,最后上一个我的热点图片吧,欢迎拍砖~~~ _____

以上就是本次的分享内容了,欢迎大家继续关注我的个人订阅号,我将会和大家继续分享各种好玩的 或者有趣的东西,谢谢