

Pi-Star YSF2DMR

YSF Info

Indian River County Fusion Repeater Rooms.

AB4AZ 145.130 Node: 18213 Room: 28213

K4CPJ 444.725 Node: 18081 Room: 28081

WA4TCD 146.640 Node: 33229 Room: 43229

DMR Information

DMR MARC, Registration and Information. <http://www.dmr-marc.net/>

DMR Users Guide. http://www.trbo.org/docs/Amateur_Radio_Guide_to_DMR.pdf

BrandMeister for Dummies. <http://www.dmrfordummies.com/brandmeister-network/>

BrandMeister Log On. <https://brandmeister.network/?page=login>

BrandMeister Hoseline. <https://hose.brandmeister.network/>

Gateway Hardware Information

Hostname	Kernel	Platform	CPU Load	CPU Temp
mega	4.9.35-v7+	Pi 3 Model B (1GB) - Sony, UK	0.52 / 0.28 / 0.24	53.7°C / 128.7°F

Control Software

Setting	Value
Controller Software:	<input type="radio"/> DStarRepeater <input checked="" type="radio"/> MMDVMHost (DV-Mega Minimum Firmware 3.07 Required)
Controller Mode:	<input checked="" type="radio"/> Simplex Node <input type="radio"/> Duplex Repeater (or Half-Duplex on Hotspots)

Apply Changes

MMDVMHost Configuration

Setting	Value
DMR Mode:	<input type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
D-Star Mode:	<input type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
YSF Mode:	<input checked="" type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
P25 Mode:	<input type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
NXDN Mode:	<input type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
YSF2DMR:	<input checked="" type="checkbox"/>
YSF2NXDN:	<input type="checkbox"/>
YSF2P25:	<input type="checkbox"/>
DMR2YSF:	<input type="checkbox"/> Uses 7 prefix on DMRGateway
DMR2NXDN:	<input type="checkbox"/> Uses 7 prefix on DMRGateway
MMDVM Display Type:	None Port: /dev/ttyAMA0 Nextion Layout: G4KLX

Apply Changes

General Configuration

Setting	Value
Hostname:	mega Do not add suffixes such as .local
Node Callsign:	KB4OVL
Radio Frequency:	435.000.000 MHz
Latitude:	27.3572 degrees (positive value for North, negative for South)
Longitude:	-80.2528 degrees (positive value for East, negative for West)
Town:	Vero Beach, FL
Country:	United States
URL:	http://www.qrz.com/db/KB4OVL <input checked="" type="radio"/> Auto <input type="radio"/> Manual
Radio/Modem Type:	DV-Mega Raspberry Pi Hat (GPIO) - Single Band (70cm)
Node Type:	<input type="radio"/> Private <input checked="" type="radio"/> Public
System Time Zone:	America/New_York
Dashboard Language:	english_us

Apply Changes

Yaesu System Fusion Configuration

Setting	Value
YSF Startup Host:	YSF00002 - YSF2DMR - YSF2DMR Bridge
APRS Host:	rotate.aprs2.net
(YSF2DMR) CCS7/DMR ID:	3112712
DMR Master:	BM_United_States_3102
DMR TG:	31123

Apply Changes

Firewall Configuration

Setting	Value
Dashboard Access:	<input checked="" type="radio"/> Private <input type="radio"/> Public
ircDDGGateway Remote:	<input type="radio"/> Private <input checked="" type="radio"/> Public