

W4FTK
FLEETTALK AMATEUR
RADIO GROUP



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FLEETTALK BY ROCK COMMUNICATIONS

- Nexedge Digital Trunking System

System operates on NXDN (Nexedge) 6.25 khz Channels

105 Sites Covering NC, SC and parts of Georgia

Provide service for Public Safety, School Districts, and
Commercial customers

Sites connected via private microwave network

OUR GOALS AND WHY WE CHOSE ANALOG

Create a system to coverage a large area and bridge users
24/7

Analog or Digital?? For us that was an easy decision

The ability to use our private microwave network is a game
changer.

W4FTK GENERAL HISTORY

- First project was installation of APRS – Winnsboro, SC
 - Charlotte NC 442.1250
 - Rock Hill, SC 147.2250
 - Denver, NC (Anderson Mt) 444.6500

CURRENT LINKED REPEATER VIA HUB NODE 40040

146.6250	-0.6 MHz	D315 / D315	Little Mountain	AllStar	EchoLink	ON-AIR
146.7600	-0.6 MHz	D315 / D315	Richburg	AllStar	EchoLink	ON-AIR
147.0600	+0.6 MHz	D315 / D315	Wedgefield	AllStar	EchoLink	ON-AIR
147.2100	+0.6 MHz	D315 / D315	Aynor	AllStar	EchoLink	ON-AIR
441.7000	+5 MHz	D315 / D315	Union	AllStar	EchoLink	ON-AIR
441.8500	+5 MHz	D315 / D315	Donalds	AllStar	EchoLink	ON-AIR
442.1250	+5 MHz	D315 / D315	Charlotte	AllStar	EchoLink	ON-AIR
442.8750	+5 MHz	D315 / D315	Columbia	AllStar	EchoLink	ON-AIR
443.3000	+5 MHz	D315 / D315	Sumter	AllStar	EchoLink	ON-AIR
443.6500	+5 MHz	D315 / D315	Blythewood	AllStar	EchoLink	ON-AIR
443.6750	+5 MHz	D315 / D315	Clinton	AllStar	EchoLink	ON-AIR
443.8000	+5 MHz	D315 / D315	Rock Hill	AllStar	EchoLink	ON-AIR
444.6500	+5 MHz	D315 / D315	Denver NC,	AllStar	EchoLink	ON-AIR

CURRENTLY LINKED VIA HUB NODE 50313

- 147.2250 +0.6 MHz 110.9 / 110.9 Rock Hill AllStar ON-AIR
- 442.2750 +5 MHz D315 / D315 Rock Hill, Newport AllStar ON-AIR

Supermon2 V2.0 AllStar Monitor

W4FTK

ROCK HILL, SC

RPi2-3-4 Node



Login

Nodes All Nodes HAMVOIP AllStar Link QRZ.COM

Display Configuration

Node [40040](#) => W4FTK Main HUB Rock Hill, SC
[Bubble Chart](#) [IsNodes](#)

Node	Node Information	Received	Link	Dir	Connected	Mode
40040	Idle					
1651	W4FTK 443.650+ Blythewood, SC	000:06:09	ESTABLISHED	IN	115:12:49	Transceive
1060	W4FTK 147.060+ Wedgefield, SC	000:18:54	ESTABLISHED	IN	115:12:52	Transceive
1700	W4FTK 441.700+ Union, SC	000:26:17	ESTABLISHED	IN	115:12:44	Transceive
1675	W4FTK 443.675+ Clinton, SC	000:26:46	ESTABLISHED	IN	115:12:45	Transceive
1301	W4FTK 443.300+ Sumter, SC	000:42:10	ESTABLISHED	IN	115:12:51	Transceive
1875	W4FTK 442.875+ Columbia, SC	001:58:04	ESTABLISHED	IN	115:12:45	Transceive
1210	W4FTK 147.210+ Aynor, SC	002:27:07	ESTABLISHED	IN	115:12:51	Transceive
1760	W4FTK 146.760- Richburg, SC	003:30:47	ESTABLISHED	IN	115:12:43	Transceive
1125	W4FTK 442.125+ Charlotte, NC	003:32:26	ESTABLISHED	IN	115:12:43	Transceive
1800	W4FTK 443.800+ Rock Hill, SC	003:34:54	ESTABLISHED	IN	115:12:45	Transceive
558722	KG4UAL 441.850 Leesville, SC	014:24:41	ESTABLISHED	IN	115:12:44	Transceive
1650	W4FTK 444.650+ Denver, NC	Never	ESTABLISHED	IN	00:32:13	Transceive
48879	KE4TLC Cloud Node Lugoff, S.C.	Never	ESTABLISHED	IN	05:32:37	Transceive
50236	W4FTK Broadcastify Feed	Never	ESTABLISHED	IN	115:12:43	Transceive

14 nodes connected [^^^](#)

Real time via AllStar Link website: <https://stats.allstarlink.org/stats/40040>

EXAMPLES OF OTHER APPLICATIONS FOR ALLSTAR

- Use as benefit for “Club Members Only” for access from remote devices

Create linked system for specific purpose (Example: York County DPSC Linked System)

Have systems linked for only emergency operations and/or Nets

INFORMATION SOURCES

- W4FTK Website – w4ftk.com
- AllStarLink - allstarlink.org/
- RepeaterBook – www.repeaterbook.com
- Masters Communications - <https://www.masterscommunications.com/>
- Repeater Builder - <https://www.repeater-builder.com/products/usb-rim-lite.html>
- Clear Node by Node Ventures - <https://www.node-ventures.com/>

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Questions and/or Comments