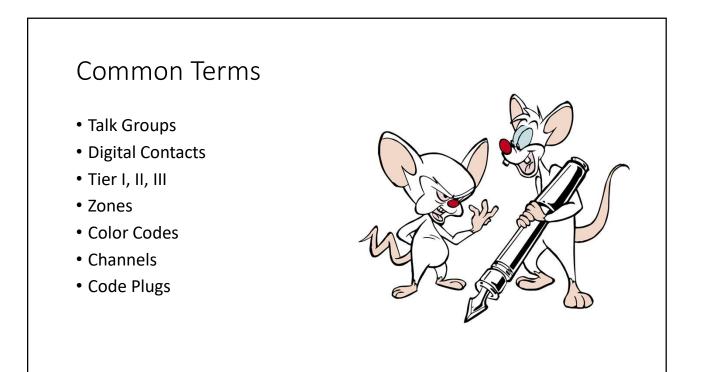
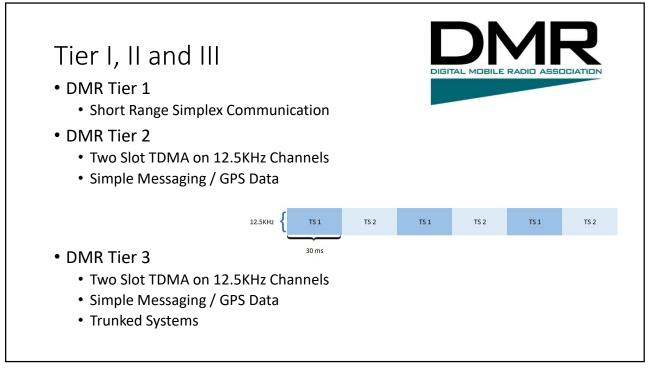




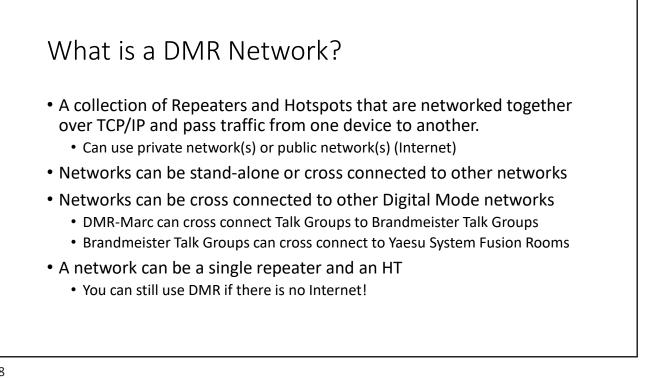
Digital mobile radio	文 _A 10 languages 丶
Article Talk	Read Edit View history Tools ~
From Wikipedia, the free encyclopedia	
to reliable sources. Unsourced material may be ch Find sources: "Digital mobile radio" – news - newspapers - remove this template message) Digital mobile radio (DMR) is a digital radio standard for voice and data trans Felecommunications Standards Institute (ETSI). ⁽¹¹ and is designed to be low-o	books - scholar - JSTOR (April 2011) (Learn how and when to smission in non-public radio networks. It was created by the European ost and easy to use. DMR, along with P25 phase II and NXDN are the
nain competitor technologies in achieving 6.25 kHz equivalent bandwidth usin IDMA in a 12.5 kHz channel, while NXDN uses discrete 6.25 kHz channels us channel.	
DMR was designed with three tiers. DMR tiers I and II (conventional) were firs with manufacturers producing products within a few years of each publication.	t published in 2005, and DMR III (Trunked version) was published in 2012,
The primary goal of the standard is to specify a digital system with low comple ourchasers are not locked into a proprietary solution. In practice, given the cur	





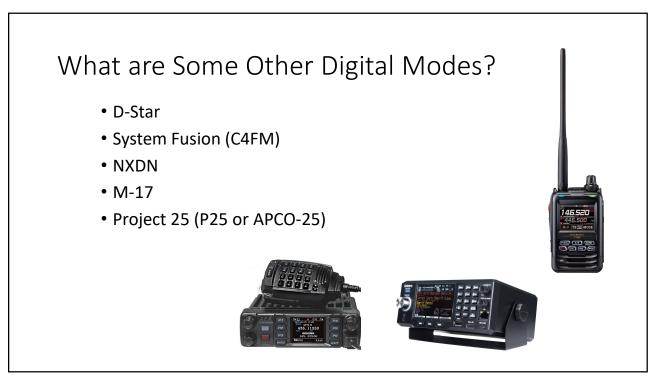




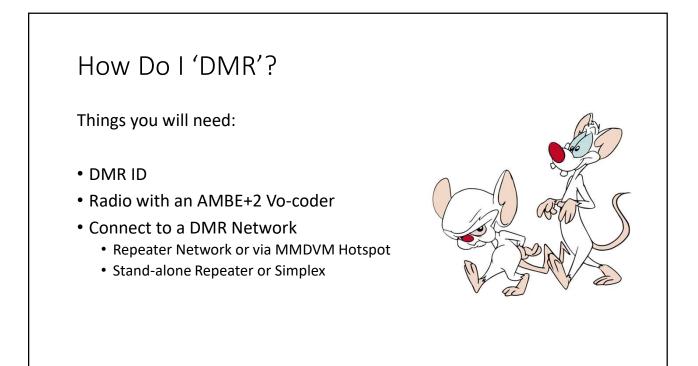


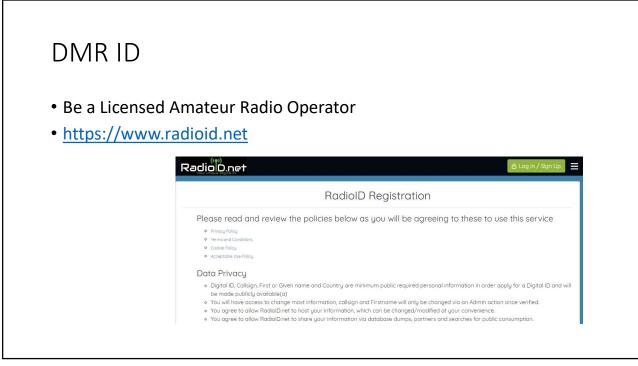
DMR Networks

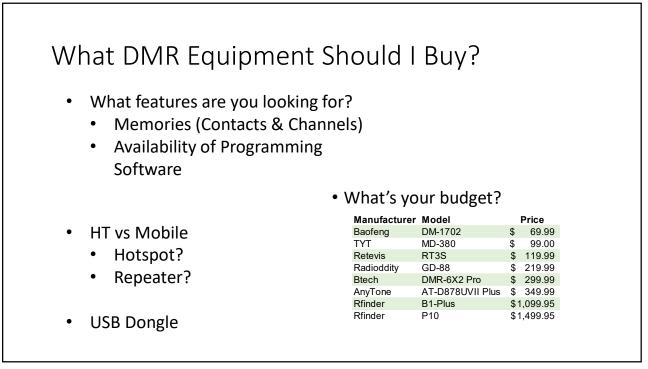
- DMR-MARC
 - Largest DMR Network Worldwide
- DMR+
- Brandmeister
 - Largest DMR Network in US
- TGIF
 - Started in Florida, growing fast
- QuadNet, FreeDMR
- ... there are more, the list keeps growing

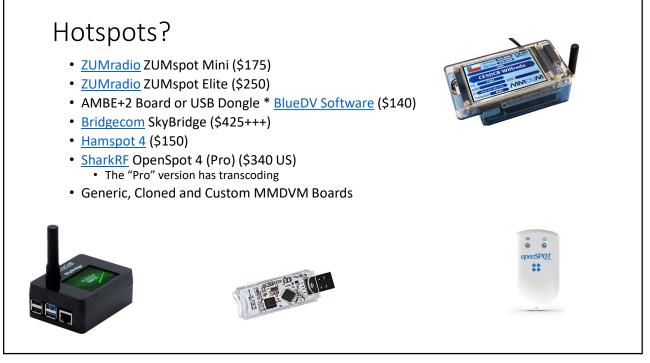


Digital Mode Comparison Chart							
Mode	Analog	D-Star	DMR	YSF			
Networks	IRLP, EchoLink, All-Star	REF, XLX, DCS	Brandmeister, DMR-MARC, TGIF, DMR+, many others	Wires-X, YSF, FCS			
Server Nomenclature	Reflector	Reflector	Talk Group	Room, Reflector			
Signal Validation	CTCSS, Tone, Tone-Squelch	RPT 1	Color Code	N/A			
Modulation	FM	GMSK	4-State FSK with TDMA	C4FM			
Creator	N/A	JARL	ETSI	Yaesu			
Verbal ID Required?	Yes	No	Yes	No			

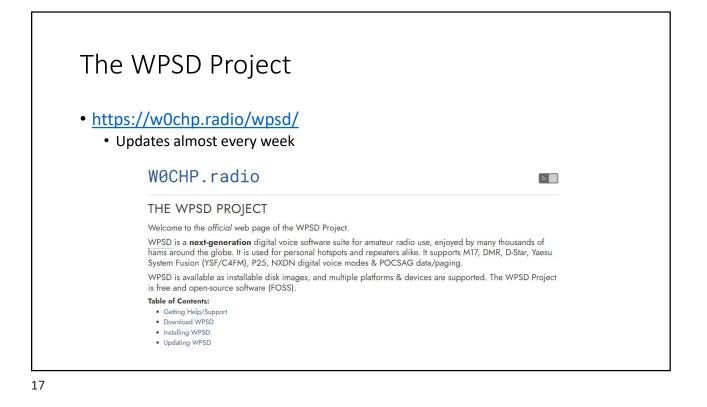




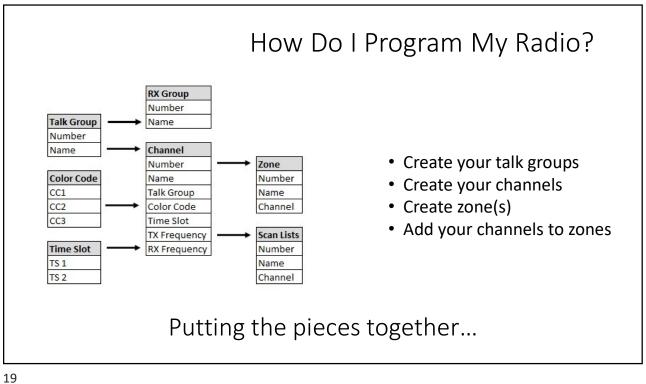




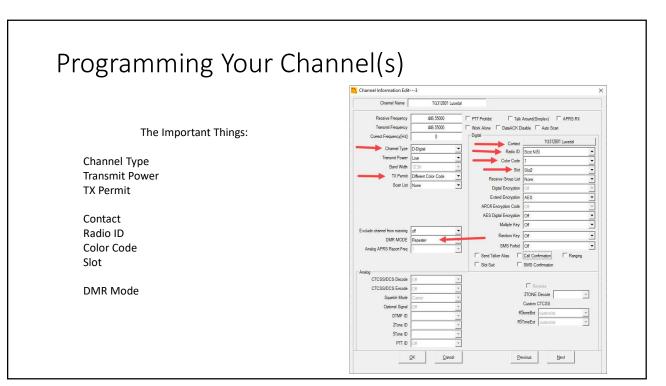




What's the Fre	equency K	enneth	?	
 Hot Spot Ever heard of <u>Southeastern Repeater</u> <u>Association</u>? They are the frequency coordinator for the State of Mississippi. 		Remember Southeastern Repeater Association?They also recommend simplex frequencies for		
• Avoid 432.0000 to 433.0000	 440.9125 440.9250 440.9375 	441.0375 441.0500 441.0625	441.1625 441.1750	
 Hot Spots qualify as Link and Control 	• 440.9500	441.0750		
 441.1875 – 446.1875 	• 440.9625	441.0875		
• 441.2625 - 446.2625	• 440.9750	441.1000		
	440.9875441.0000	441.1125 441.1250		
• to	• 441.0125	441.1250		
	• 441.0250	441.1500		
 441.6500 – 446.6500 				
 441,7250 – 446,7250 				







Programming/Operating Tips Programming Lucedale Talk group 312801 Using the talk group: For the repeater is one channel For your hot spot, it is another channel

- Use Zones to your advantage.
 - Create a Zone for the Lucedale Repeater or (George County) (Stone County)
 - Create a Zone for your hot spot
- Create Disconnect and Parrot channels in each zone.
- Remember to ID!
 - Your Brandmiester ID is not ID'ing.

