

DMR for beginners

Digital Mobile Radio

developed by the European Telecommunications
Standards Institute (ETSI).

Why DMR?

- Digital Voice: DMR digitizes voice signals, which helps in reducing background noise and improving audio quality, even over long distances.
- Data and Other Services: Besides voice, DMR supports additional features such as text messaging, GPS tracking, and encryption.
- Spectrum Efficiency: It uses Time Division Multiple Access (TDMA) to provide two separate logical channels within a single 12.5 kHz analog channel space, effectively doubling its capacity.
- Superior Weak Signal Performance

Control Center CT-ARES

Accept text Reject text

start time	duration	source peer alias	source radio alias	dest. bridge group	RSSI (dBm)	site name	loss rate

start time	duration	source peer alias	source radio alias	dest. bridge group	RSSI (dBm)	site name	loss rate
14:05:29.0 Jan 3	2.5	WR3IRS - Montclair New Jersey United States -- 314038	KC2WCM - Dan G - Belleville New Jersey United States -- 3159644	North America	-108.3	DMR-MARC-CCEAST	0.0%
14:00:49.6 Jan 3	2.0	KD5DFB - Houston Texas United States -- 314834	WP4VW - Milton - Corozal All Regions Puerto Rico -- 3300458	North America	-101.7	DMR-MARC-CCEAST	0.0%
13:42:25.8 Jan 3	1.9	WR3IRS - Montclair New Jersey United States -- 314038	KC2WCM - Dan G - Belleville New Jersey United States -- 3159644	North America	-116.3	DMR-MARC-CCEAST	0.0%
13:09:51.0 Jan 3	2.3	WR3IRS - Montclair New Jersey United States -- 314038	KC2WCM - Dan G - Belleville New Jersey United States -- 3159644	North America	-106.4	DMR-MARC-CCEAST	0.0%
13:07:48.7 Jan 3	9.4	KA3LAO - Chambersburg VHF Pennsylvania United States -- 314261	K3GLH - Gregory - St Thomas Pennsylvania United States -- 3164788	North America	-106.8	DMR-MARC-CCEAST	0.0%
12:57:32.1 Jan 3	1.0	45474	WA2ZPX - Rich - Slate Hill New York United States -- 3136313	Northeast Region	N/A	DMR-MARC-CCEAST	0.0%
12:06:16.4 Jan 3	1.6	N5LS - Denton Texas United States -- 314816	3162739	Worldwide English	-127.0	DMR-MARC-CCEAST	0.0%
11:17:02.4 Jan 3	1.4	W1HDN - Vernon 310918	3213694_	Unknown Ipsc group 1	-87.6	CT-ARES	0.0%
10:26:12.7 Jan 3	13.3	N2BJ - Lockport Illinois United States -- 311737	KD9YLO - James - Chicago Heights Illinois United States -- 3201412	Worldwide English	-108.3	DMR-MARC-CCEAST	10.3%
10:26:00.1 Jan 3	2.1	N2BJ - Lockport Illinois United States -- 311737	KD9YLO - James - Chicago Heights Illinois United States -- 3201412	Worldwide English	-110.5	DMR-MARC-CCEAST	7.5%
10:17:25.3 Jan 3	1.4	WA4TOG - Hendersonville North Carolina United States -- 313751	W0JSH - John S - Platte City Missouri United States -- 3129405	Worldwide English	-108.6	DMR-MARC-CCEAST	14.3%
10:17:23.2 Jan 3	1.7	WA4TOG - Hendersonville North Carolina United States -- 313751	W0JSH - John S - Platte City Missouri United States -- 3129405	Worldwide English	-109.8	DMR-MARC-CCEAST	5.3%
10:14:53.2 Jan 3	1.4	WA4TOG - Hendersonville North Carolina United States -- 313751	W0JSH - John S - Platte City Missouri United States -- 3129405	Worldwide English	-105.1	DMR-MARC-CCEAST	0.0%
10:14:49.7 Jan 3	1.9	WA4TOG - Hendersonville North Carolina United States -- 313751	W0JSH - John S - Platte City Missouri United States -- 3129405	Worldwide English	-105.6	DMR-MARC-CCEAST	0.0%
09:40:36.5 Jan 3	2.0	KM4WUD - Paramus New Jersey United States -- 313423	KD2TFJ - Christian D - Irvington New Jersey United States -- 3159874	Worldwide English	-106.1	DMR-MARC-CCEAST	0.0%
08:30:34.6 Jan 3	0.9	45474	WA2ZPX - Rich - Slate Hill New York United States -- 3136313	Northeast Region	N/A	DMR-MARC-CCEAST	0.0%
08:03:03.6 Jan 3	1.1	K1DQ - Shapleigh Maine United States -- 312300	AB1TZ - Michael - Westbrook Maine United States -- 3123005	Northeast Region	-116.7	DMR-MARC-CCEAST	0.0%
07:11:30.6 Jan 3	2.5	BM3102 - AFG -- 393102	KC1KKC - Andrew M - Norwalk Connecticut United States -- 3120499	BM-CT-Statewide	0.000	BM-US-3102	0.0%
07:04:34.3 Jan 3	5.0	KB1NTA - Union 310940	N1ZF - Paul - Willington Connecticut United States -- 3178388	CT-Local-Union	-89.4	CT-ARES	0.0%
07:01:16.3 Jan 3	4.7	KB1NTA - Union 310940	3220496_	CT-Local-Union	-87.7	CT-ARES	0.0%
06:35:43.4 Jan 3	0.5	BM3102 - AFG -- 393102	KC1KKC - Andrew M - Norwalk Connecticut United States -- 3120499	BM-CT-Statewide	0.000	BM-US-3102	0.0%
00:00:36.2 Jan 3	2.0	ZL2GK - Tasman South Island New Zealand -- 530303	ZL2GK - Motueka - Motueka South Island New Zealand -- 5303033	Worldwide English	-116.5	DMR-MARC-CCEAST	0.0%
23:51:12.2 Jan 2	5.9	AG2K - Bridgeport Connecticut United States -- 310904	KC1OGG - Samuel - Hamden Connecticut United States -- 3176905	Northeast Region	-110.3	DMR-MARC-CCEAST	0.0%
22:55:41.2 Jan 2	2.3	N5LS - Denton Texas United States -- 314816	3217949	North America	-127.0	DMR-MARC-CCEAST	0.0%
20:56:39.8 Jan 2	9.1	VE7RAG - North Vancouver British Columbia Canada -- 302701	VE7WHL - Wulfred - Maple Ridge British Columbia Canada -- 3025691	Worldwide English	-88.7	DMR-MARC-CCEAST	0.0%
20:38:07.1 Jan 2	1.1	45474	WA2ZPX - Rich - Slate Hill New York United States -- 3136313	Northeast Region	N/A	DMR-MARC-CCEAST	0.0%
20:06:20.9 Jan 2	3.8	BM3102 - AFG -- 393102	KC1KKC - Andrew M - Norwalk Connecticut United States -- 3120499	BM-CT-Statewide	0.000	BM-US-3102	0.0%

CT ARES Control Center

[CT ARES Control Panel](#)

[NEDECN Netwatch](#)

DMR Tiers

- Tiers: The standard is defined in three tiers for different applications:
- Tier I: For license-free, short-range communications.
- Tier II: For licensed professional systems used in commercial, industrial, and public safety operations.
- Tier III: For trunked systems that manage large-scale networks with advanced call routing

Other Digital Voice Modes?

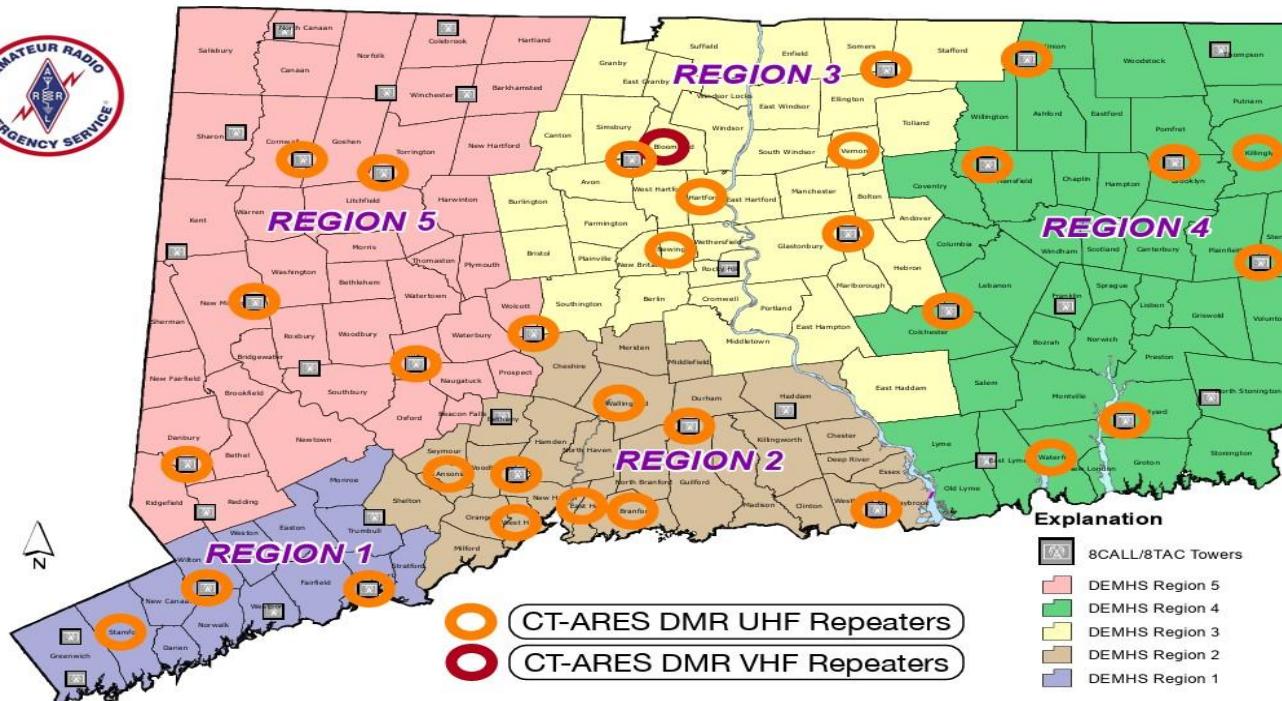
- DMR Motorola, Anytone, Alinco (talkgroups)
- C4FM/Wires X Yaesu (Rooms)
- D-Star ICOM/Kenwood (Reflectors)
- P25
- NXDN ICOM/Kenwood

DMR Networks

- **DMR-MARC** (Motorola Amateur Radio Club)
 - In CT **NEDECN** and **ARES**
- **Brandmeister**
 - Torrington, Avon, Vernon- bridge 3109-->8901 CTSW
- **TGIF** Thank God it's Friday

ARES Repeaters

CT-ARES DMR Repeater Network - 12 July 2017



NEDECN Repeaters

New England Digital Emergency Communications Network



DMR ID

Goto www.radioid.net

You will need an original copy of your FCC license

In PDF or jpeg

Takes about 24hr-48hr

Write you Channels

Channel Information Edit---606

Channel Name	du.WIEE.CTSW				
Receive Frequency	447.12500	<input type="checkbox"/> PTT Prohibit	<input type="checkbox"/> Talk Around(Simplex)	<input type="checkbox"/> APRS RX	
Transmit Frequency	442.12500	<input type="checkbox"/> Work Alone	<input type="checkbox"/> DataACK Disable	<input type="checkbox"/> Auto Scan	
Correct Frequency[Hz]	0	Digital			
Channel Type	D-Digital	Contact	CT-Statewide8901		
Transmit Power	Turbo	Radio ID	K1PCN		
Band Width	12.5K	RX Color Code	1		
TX Permit	Different Color Code	TX Color Code	1		
Scan List	None	Slot	Slot2		
Exclude channel from roaming	Off	Receive Group List	CT ARESTG		
DMR MODE	Repeater	Digital Encryption	Off		
Analog APRS Report Freq	1	Extend Encryption	AEB		
ARC4 Encryption Code				Off	
AES Digital Encryption				Off	
Multiple Key				Off	
Random Key				Off	
SMS Forbid				Off	
<input type="checkbox"/> Send Talker Alias <input type="checkbox"/> Call Confirmation <input type="checkbox"/> Ranging					
<input type="checkbox"/> Slot Suit <input type="checkbox"/> SMS Confirmation					
Analog				<input type="checkbox"/> Reverse	
CTCSS/DCS Decode	Off	2TONE Decode	1	<input type="checkbox"/>	
CTCSS/DCS Encode	Off	Custom CTCSS		<input type="checkbox"/>	
Squelch Mode	Carrier	R5oneBot	1	<input type="checkbox"/>	
Optional Signal	Off	R5oneEot	1	<input type="checkbox"/>	
DTMF ID				<input type="checkbox"/>	
2Tone ID	1			<input type="checkbox"/>	
5Tone ID	1			<input type="checkbox"/>	
PTT ID	Off			<input type="checkbox"/>	

OK Cancel Previous Next

DMR Terminology

CPS = Code Plug Software

Codeplug = file that you upload to your radio

Talkgroups = a virtual channel that organizes groups of radios in a Digital Mobile Radio network, allowing them to communicate with specific parties at the same time. By assigning a unique ID to a talkgroup, transmissions are directed to a specific group of users rather than broadcasting to everyone on a frequency. This allows for more efficient use of channels and the creation of both local and global communication groups.

ARES Talkgroups

CT-ARES DMR Network Talkgroup Information

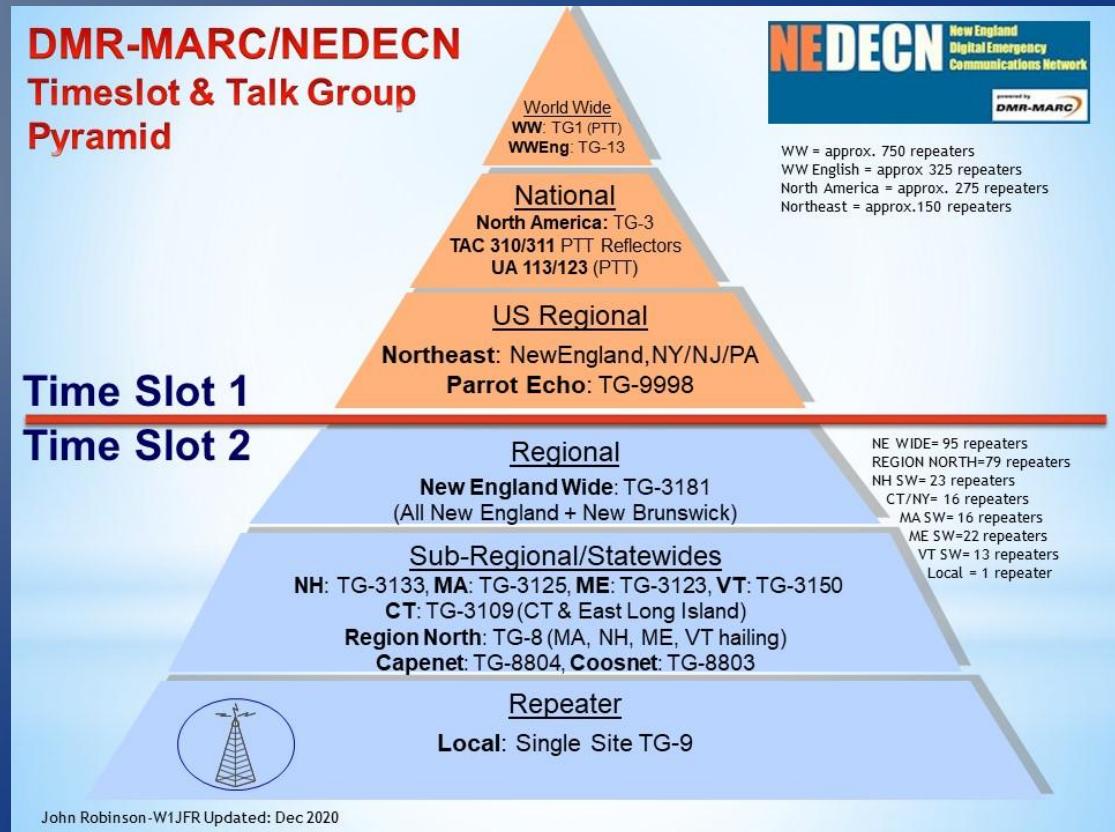
Time Slot 2		Time Slot 1	
8900	ALERT Message	8907	ALERT Message B
8901	CT-Statewide	8908	CT-Statewide B
8902	CT-TAC 1 (PTT)	8909	CT-TAC 11 (PTT)
8903	CT-TAC 2 (PTT)	8910	CT-TAC 12 (PTT)
8904	CT-TAC 3 (PTT)	8911	CT-TAC 13 (PTT)
8905	CT-TAC 4 (PTT)	8912	CT-TAC 14 (PTT)
8906	CT-TAC 5 (PTT)	8913	CT-TAC 15 (PTT)
9	Local	8914	NJ-TRBO (PTT)
		9	Local B
		99	Digital Simplex

Other Network Talkgroups Outside CT-ARES DMR Network

Time Slot 2		Time Slot 1	
3172	Northeast Region	1	Worldwide (PTT)
9998	Parrot (PTT)	3	North America
		13	Worldwide English
		9999	VU Meter Audio Test (PTT)
		9998	Parrot (PTT)
		310	TAC 310 (PTT)
		311	TAC 311 (PTT)
		3100	Conference Bridge (PTT)

NEDECN Talkgroups

Pyramid

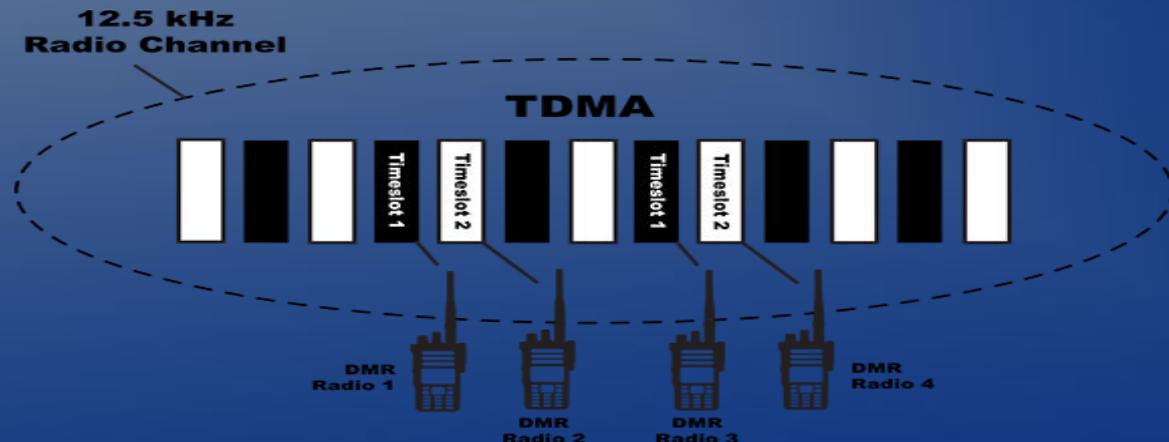


Time Division Multiple Access/Time Slot

Color Code = Digital PL tone

Bandwidth = all DMR transmissions are 12.5kHz

Time slot = either 1 or 2 each 30 msec



Talk Permission = Tx Permit

Always = Always tx

Channel Free = good for simplex

Color Code Free = Different color code – best for repeaters

No need to drop when checking into a net

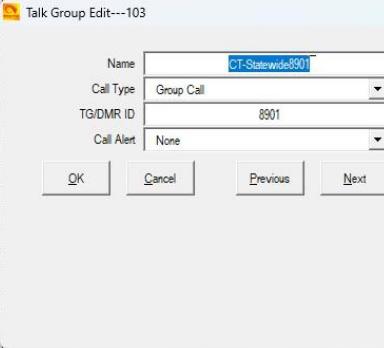
ARES Call Watch

6 steps to writing a codeplug

- 1/ Download and save your current radio codeplug-firmware incompatibilities
- 2/ Create a talkgroup list
- 3/ write your channels
- 4/ put the channels into a Zone
- 5/ Download your digital contact list
[\(www.radiooid.net\)](http://www.radiooid.net)
- 6/ Upload your codeplug to your radio

Contact/Talkgroup list

Local Information		No.	TG/DMR ID	Call Alert	Name	Call Type	
Hot Key		83	3173	None	Mid Atlantic USA	Group Call	
APRS		84	3174	None	SE USA 3174	Group Call	
GPS Roaming		85	3177	None	MTN USA 3177	Group Call	
Digital		86	3181	None	NewEngWide 3181	Group Call	
Master Id		87	3185	None	Cactus 3185	Group Call	
Radio ID List		88	3189	None	Tr State 3189	Group Call	
Contact/Talk Group		89	5351	None	Guam 5351	Group Call	
Prefabricated SMS		90	7309	None	Antarctica 7309	Group Call	
Receive Group Call List		91	9999	None	Audio Test 9999	Group Call	
Encryption Code		92	99	None	Simplex 99	Group Call	
AES Encryption Code		93	310	None	TAC 310	Group Call	
ARC4 Encryption Code		94	8907	None	Alert Message B	Group Call	
ARC4 Encryption Code		95	8908	None	CT StateW B 8908	Group Call	
Digital Contact List		96	8909	None	CT-TAC 11 8909	Group Call	
1---20000		97	8910	None	CT-TAC 12 8910	Group Call	
20001---40000		98	8911	None	CT-TAC 13 8911	Group Call	
40001---60000		99	8912	None	CT-TAC 14 8912	Group Call	
60001---80000		100	8913	None	CT-TAC 15 8913	Group Call	
80001---100000		101	9998	None	Parrot 9998	Group Call	
100001---120000		102	8900	None	AlertMessage8900	Group Call	
120001---140000		103	8901	None	CT-Statewide8901	Group Call	
140001---160000		104	8902	None	CT-TAC 1 8902	Group Call	
160001---180000		105	8903	None	CT-TAC 2 8903	Group Call	
180001---200000		106	8904	None	CT-TAC 3 8904	Group Call	
200001---220000		107	8905	None	CT-TAC 4 8905	Group Call	
220001---240000		108	8906	None	CT-TAC 5 8906	Group Call	
240001---260000		109	119	None	WW All 119	Group Call	
260001---280000		110	759	None	SKYWARN 759	Group Call	
280001---300000		111	8801	None	NE-TAC 1 8801	Group Call	
300001---320000		112	8802	None	NE-TAC 2 8802	Group Call	
320001---340000		113	8914	None	NJ-TRBO	Group Call	
340001---360000		114	123	None	WWUser Ad 2 123	Group Call	
360001---380000		115	2407	None	Skane 2407	Group Call	
380001---400000		116	4000	None	Disconnect 4000	Group Call	
400001---420000		117	313323	None	GMARS	Group Call	
420001---440000		118	313324	None	GMARS 2	Group Call	
440001---460000		119	137	None	WW Nordic 137	Group Call	
460001---480000		120	5051	None	AustraliaCap5051	Group Call	
480001---500000		121	5052	None	AustraliaNSW5052	Group Call	
Friends List		122	5053	None	AustraliaVic5053	Group Call	
Talk Alias Settings		123	5054	None	AustraliaQue5054	Group Call	
Analog							



Write you Channels

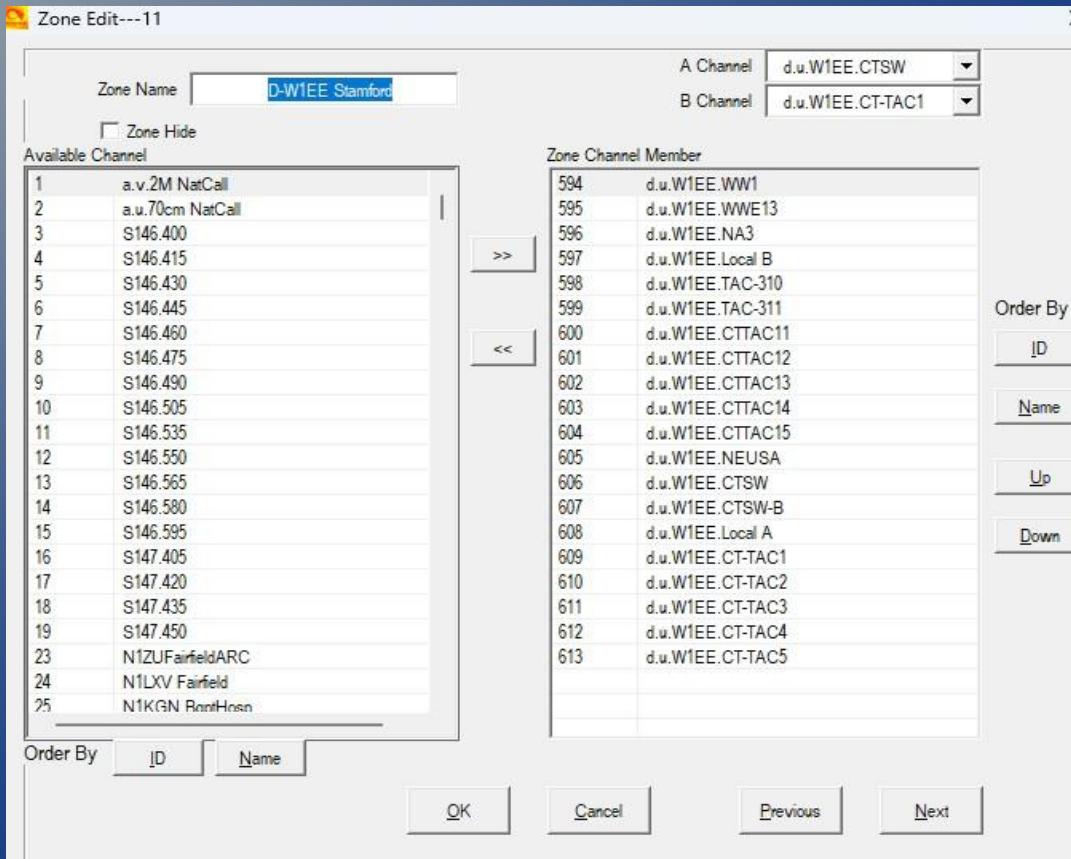
Channel Information Edit---606

Channel Name	d-WIEE.CTSW			
Receive Frequency	447.12500			
Transmit Frequency	442.12500			
Correct Frequency[Hz]	0			
Channel Type	D-Digital			
Transmit Power	Turbo			
Band Width	12.5K			
TX Permit	Different Color Code			
Scan List	None			
Exclude channel from roaming	off			
DMR MODE	Repeater			
Analog APRS Report Freq	1			
Analog				
CTCSS/DCS Decode	Off			
CTCSS/DCS Encode	Off			
Squelch Mode	Carrier			
Optional Signal	Off			
DTMF ID				
2Tone ID	1			
5Tone ID	1			
PTT ID	Off			
<input type="checkbox"/> PTT Prohibit	<input type="checkbox"/> Talk Around(Simplex)	<input type="checkbox"/> APRS RX		
<input type="checkbox"/> Work Alone	<input type="checkbox"/> DataACK Disable	<input type="checkbox"/> Auto Scan		
Digital				
Contact	CT-Statewide8901			
Radio ID	K1PCN			
RX Color Code	1			
TX Color Code	1			
Slot	Slot2			
Receive Group List	CT ARES TG			
Digital Encryption	Off			
Extend Encryption	AES			
ARC4 Encryption Code	Off			
AES Digital Encryption	Off			
Multiple Key	Off			
Random Key	Off			
SMS Forbid	Off			
<input type="checkbox"/> Send Talker Alias	<input type="checkbox"/> Call Confirmation	<input type="checkbox"/> Ranging		
<input type="checkbox"/> Slot Suit	<input type="checkbox"/> SMS Confirmation			
<input type="checkbox"/> Reverse	2TONE Decode	1		
Custom CTCSS				
R5toneBot	1			
R5ToneEot	1			
<input type="button"/> OK	<input type="button"/> Cancel	<input type="button"/> Previous	<input type="button"/> Next	

Write Your Channel

594	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.WW1	WorldWide 1	K1PCN
595	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.WWE13	WW English 13	K1PCN
596	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.NA3	North America 3	K1PCN
597	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.Local B	Local 9	K1PCN
598	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.TAC-310	TAC 310	K1PCN
599	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.TAC-311	TAC 311	K1PCN
600	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CTTAC11	CT-TAC 11 8909	K1PCN
601	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CTTAC12	CT-TAC 12 8910	K1PCN
602	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CTTAC13	CT-TAC 13 8911	K1PCN
603	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CTTAC14	CT-TAC 14 8912	K1PCN
604	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CTTAC15	CT-TAC 15 8913	K1PCN
605	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.NEUSA	NE USA 3172	K1PCN
606	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CTSW	CT-Statewide8901	K1PCN
607	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CTSW-B	CT StateW B 8908	K1PCN
608	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.Local A	Local 9	K1PCN
609	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CT-TAC1	CT-TAC 1 8902	K1PCN
610	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CT-TAC2	CT-TAC 2 8903	K1PCN
611	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CT-TAC3	CT-TAC 3 8904	K1PCN
612	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CT-TAC4	CT-TAC 4 8905	K1PCN
613	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.CT-TAC5	CT-TAC 5 8906	K1PCN
614	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.ALERT	AlertMessage8900	K1PCN
615	447.12500	442.12500	D-Digital	Turbo	12.5K	Off	Off	d.u.W1EE.Parot	Parrott 9998	K1PCN

Add the Channels to a ZONE



Digital Contact List

RadioD.net
Your Unique Digital ID

Database ▾ Contacts ▾ FAQ Support

Today:

- 0 New DMR ID's
- 0 New NXDN ID's
- 0 New Repeater ID's

Last 7 days:

- 574 New DMR ID's
- 49 New NXDN ID's
- 6 New Repeater ID's

Last 30 days:

- 2119 New DMR ID's
- 170 New NXDN ID's
- 42 New Repeater ID's

In total:

- We have a global network of 295827 DMR ID's
- We have issued 13235 NXDN ID's
- There are 10567 repeaters worldwide


**DMR CONTACT GENERATOR
ONLY AT
[HTTPS://WWW.RADIOID.NET](https://www.RADIOID.NET)**

Contact Generator!

- Live up-to-date data, We are the Worldwide Source, everywhere else is STALE data.
- Generate as many personalized lists as you like and associate them with different radio formats.
- Include the latest Brandmeister TG's in your generated lists.
- No radio Format! No Problem! We have a custom formatter so you can generate any kind of format you like!
- As the Database size grows, it will be more important than ever to be able to trim your contact lists.
- Use BM last heard Data to filter your list! **NEW**

Just click on the "Contacts" menu link.

Control Center CT-ARES

Accept text Reject text

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10:14:53.2 Jan 3	1.4	WA4TOG - Hendersonville North Carolina United States -- 313751	W0JSH - John S - Platte City Missouri United States -- 3129405	Worldwide English	-105.1	DMR-MARC-CCEAST	0.0%
10:14:49.7 Jan 3	1.9	WA4TOG - Hendersonville North Carolina United States -- 313751	W0JSH - John S - Platte City Missouri United States -- 3129405	Worldwide English	-105.6	DMR-MARC-CCEAST	0.0%
09:40:36.5 Jan 3	2.0	KM4WUD - Paramus New Jersey United States -- 313423	KD2TFJ - Christian D - Irvington New Jersey United States -- 3159874	Worldwide English	-106.1	DMR-MARC-CCEAST	0.0%
08:30:34.6 Jan 3	0.9	45474	WA2ZPX - Rich - Slate Hill New York United States -- 3136313	Northeast Region	N/A	DMR-MARC-CCEAST	0.0%
08:03:03.6 Jan 3	1.1	K1DQ - Shapleigh Maine United States -- 312300	AB1TZ - Michael - Westbrook Maine United States -- 3123005	Northeast Region	-116.7	DMR-MARC-CCEAST	0.0%
07:11:30.6 Jan 3	2.5	BM3102 - AFG -- 393102	KC1KKC - Andrew M - Norwalk Connecticut United States -- 3120499	BM-CT-Statewide	0.000	BM-US-3102	0.0%
07:04:34.3 Jan 3	5.0	KB1NTA - Union 310940	N1ZF - Paul - Willington Connecticut United States -- 3178388	CT-Local-Union	-89.4	CT-ARES	0.0%
07:01:16.3 Jan 3	4.7	KB1NTA - Union 310940	3220496_	CT-Local-Union	-87.7	CT-ARES	0.0%
06:35:43.4 Jan 3	0.5	BM3102 - AFG -- 393102	KC1KKC - Andrew M - Norwalk Connecticut United States -- 3120499	BM-CT-Statewide	0.000	BM-US-3102	0.0%
00:00:36.2 Jan 3	2.0	ZL2GK - Tasman South Island New Zealand -- 530303	ZL2GK - Motueka - Motueka South Island New Zealand -- 5303033	Worldwide English	-116.5	DMR-MARC-CCEAST	0.0%
23:51:12.2 Jan 2	5.9	AG2K - Bridgeport Connecticut United States -- 310904	KC1OGG - Samuel - Hamden Connecticut United States -- 3176905	Northeast Region	-110.3	DMR-MARC-CCEAST	0.0%
22:55:41.2 Jan 2	2.3	N5LS - Denton Texas United States -- 314816	3217949	North America	-127.0	DMR-MARC-CCEAST	0.0%
20:56:39.8 Jan 2	9.1	VE7RAG - North Vancouver British Columbia Canada -- 302701	VE7WHL - Wulfred - Maple Ridge British Columbia Canada -- 3025691	Worldwide English	-88.7	DMR-MARC-CCEAST	0.0%
20:38:07.1 Jan 2	1.1	45474	WA2ZPX - Rich - Slate Hill New York United States -- 3136313	Northeast Region	N/A	DMR-MARC-CCEAST	0.0%
20:06:20.9 Jan 2	3.8	BM3102 - AFG -- 393102	KC1KKC - Andrew M - Norwalk Connecticut United States -- 3120499	BM-CT-Statewide	0.000	BM-US-3102	0.0%

Radios: Baofeng DM-1701/Open GD77

A black Baofeng DM-1701 DMR radio is shown from a front-three-quarter perspective. It features a digital color display on top showing 'Channel 1', 'Channel 2', 'Zone1', the date '3/03/2019', and the time '13:27:10'. Below the display are two large buttons labeled 'P1' and 'P2'. The bottom half of the radio has a numeric keypad with buttons for '1', '2', '3', '4', '5', '6', '7', '8', '9', '0', and '#'. There are also several smaller function buttons and a small green LED indicator on the left side.

**BAOFENG DM-1701 DMR | DUAL BAND | 5W | 120K CONTACTS
IMPORT | SMS FUNCTION**

★★★★★ 4.5 (122 reviews) | [Questions \(19\)](#)

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❖ [Digital & Analog Compatible] FCC Part90 Certification ID: 2AJGM-DM1701. The DM-1701 is compatible with digital and analog modes, including dual band VHF/UHF coverage of 136-174 and 400-480MHz. It has up to 3,000 Channels, 10,000 Digital Talk Groups and 120,000 Contacts.

❖ [Multi-function & 1.77" color TFT Display] The DM-1701 offers to scan analog and digital channels, manual programming, DTMF, VFO, SMS, emergency alarm, digital monitor mode, CTCSS and CDCSS, color codes and DMR encryption. There are 5 customized keys for fast

Radios: Radiooddity DB25-D



Anytone 878

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5.0  (3) | Ask questions and search reviews

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\$399.99 upon approval for Prime Visa.

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Frequency Range	136 - 174 MHz, 400 - 520 MHz

 See more



CT ARES.org



CT ARES Nets

CT ARES Statewide Analog Net- SUNDAYS 8pm

1st Sunday: 80m HF net 3.965 Mhz

Other Sundays KB1AEV network

CT ARES StateWide DMR Net- Sundays 8:30pm

CT Statewide TG8901 hotspot-Brandmeister 3109

CT ARES Region 1 Nets

CT ARES Region 1 Analog net

Mondays 8pm W1NLK repeater

CT ARES DNM check ins 8:15pm

CT TAC 1 TG 8902

Winlink Wednesdays

Weekly Winlink drill

Packet or VARA

Gateways needed

HF

CT ARES looking for ECs



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ECOMM CT ARES

Activities: fox hunts, public service, field day, contests

Clubs: spend your money!

Marconi Grant- Ed Snyder W1YMS