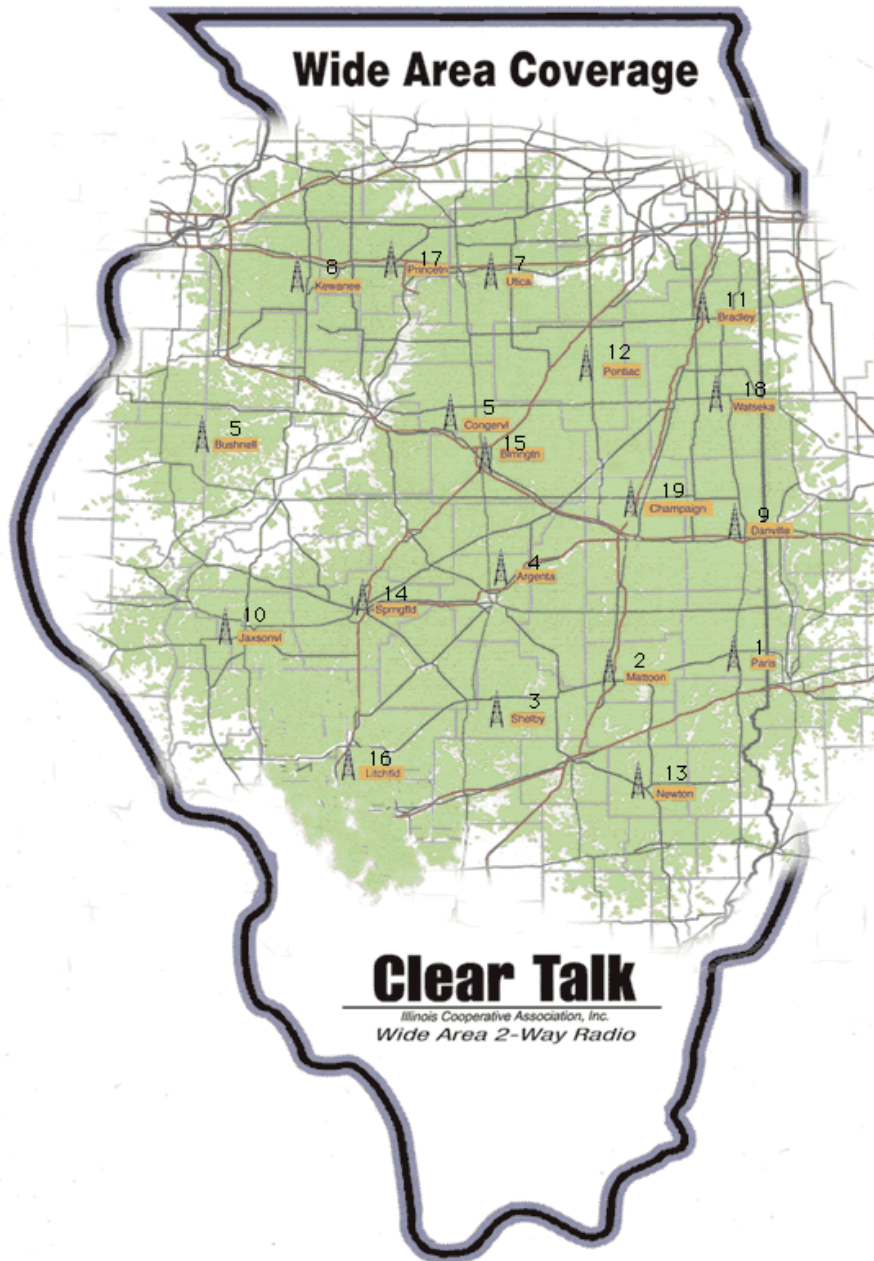


ClearTalk SMR



ClearTalk is a company formed by 4 Rural Power Cooperatives in central Illinois:

Enerstar Power Corp. (AKA Edgar Electric Cooperative)
Shelby Electric Cooperative

Corn Belt Energy Corp.
Illinois Valley Electric Cooperative

Collectively these Coops are known as the "Illinois Cooperative Association (IL Coop). This association of energy cooperatives have formed a communications service known as ClearTalk. ClearTalk provides SMR style communications services to its member companies and other customers. ClearTalk has built an extensive Motorola SmartZone system stretching from near the St. Louis area to the fringes of the Chicago area.

ClearTalk is a not-for-profit enterprise and radio equipment and services are sold to its members at cost. Users may have mobile or portable radios and group and private call operations are used.

McLean County has researched the system for possible use and LaSalle and Edgar Counties are already reported as using it for some Sheriff and County operations. Taylorville PD is also reported as using the system. Many ClearTalk sites are being used for the new StarCom21 system.

For Trunker users, the System ID is 491C, and the Connect Tone is 128.57. All Site ID's listed are as reported by Trunker.

Site	City	County	Confirmed or reported Control Channels		
01	Paris	Edgar	856.9125	855.8125	
02	Mattoon	Coles	859.8625	858.8625	
03	Shelby (Lakewood)	Shelby	857.8375	858.8375	
04	Argenta	Macon	855.7875	855.8125	
			855.0125	860.7875	
05	Congerville	Woodford	858.8625	859.8625	
06	Bushnell	McDonough	856.9125	855.3375	
07	Utica (Deer Park Twp)	LaSalle	859.8375	860.8375	
08	Kewanee	Henry	858.8875	859.8875	
09	Danville	Vermilion	852.3375		
10	Jacksonville	Morgan	852.5625	855.5625	
11	Bradley (Kankakee)	Kankakee	854.1125	856.8375	
12	Pontiac (Saunemin)	Livingston	851.2625	858.3625	
13	Newton	Jasper	854.7625	860.9125	
14	Springfield	Sangamon	859.0875	860.0875	
15	Bloomington	McLean	860.1875	859.1875	859.8625
16	Litchfield (Mt. Olive)	Macoupin	859.5125	860.5125	
17	Princeton	Bureau	859.4125	860.4125	
18	Watseka	Iroquois	858.8875	859.8625	
19	Champaign	Champaign	859.0125	860.0125	860.5875
20					
21	Taylorville	Christian	856.9125		
22	Washington	Tazewell	860.8875	860.7875	
23	Serena	LaSalle	860.4875	857.2375	

System Control Channels:

Frequency	Site(s)	Frequency	Site(s)	Frequency	Site(s)	Frequency	Site(s)
851.2625	12	852.3375	09	852.5625	10	854.1125	11
854.7625	13	855.0125	04	855.3375	06	855.5625	10
855.7875	04	855.8125	01, 04	856.8375	11	856.9125	01, 06, 21
857.2375	23	857.8375	03	858.3625	12	858.8375	03
858.8625	02, 05	858.8875	08, 18	859.0125	19	859.0875	14
859.1875	15	859.4125	17	859.5125	16	859.8375	07
859.8625	02, 05, 15, 18	859.8875	08	860.0125	19	860.0875	14
860.1875	15	860.4125	17	860.4875	23	860.5125	16
860.5875	19	860.7875	04, 22	860.8375	07	860.8875	22
860.9125	13						

Identified Talkgroups

Since SmartZone systems share ID's among all sites these could be heard at any site on the system.

- 4112 automated voice "no alarms at this time"
- 8208 Ag business?
- 8464 power company? CRC? Tree Crews
- 10928 LaSalle County Highway Department
- 12368 "Medic 18" (Kewanee Site)
- 12592 Stark Excavating
- 13072 McLean County Unit 5 schools
- 13328 Ag business?
- 13584 Scharf Trucking?
- 14448 Ag business?
- 14640 electric co? Rome
- 15408 lumber yard?
- 18480 construction co I-55/74
- 18704 truckers
- 18768 Tonica Nursery
- 21040 LaSalle Co Shf
- 21200 Thrush sanitation (septic portable toilets, and now a local garbage hauler)
- 22608 Telemetry
- 22704 Buchman Iron and metal
- 22800 MarseillesSheet metal
- 24144 Trucking
- 29792 radio service?
- 30736 Mclean County Sheriff

SmartZone Sites

Following is a detailed examination of each of the known or presumed sites.

"A" indicates that Trunker ID's it as an Alternate Control Channel.

"D" indicates that a Control Channel has been confirmed on that freq at that site.

"V" indicates that voice traffic was heard on that freq at that site.

"L" Indicates that an FCC license is listed for that freq at that site.

No letter after the frequency indicates that the frequency is licensed at another location nearby

Site 01	Paris	Edgar Co. IL			
854.8125LV	856.9125LD	855.2875LV	857.7875L	855.3125L	857.8875L
855.3375LV	858.7875L	855.5125L	858.8875L	855.7875L	859.7875L
855.8125LA	859.9125LV	856.7875L	860.7875L	856.8125L	860.8375LV
856.8875L					

Site 02	Mattoon	Coles Co. IL			
855.7625L	858.8625LA	856.6375LV	859.6375LV	856.8625L	859.8625LD
857.6375LV	859.8875L	856.6375L	860.6375LV	858.6375L	860.8125L
855.7625	856.8625	858.8625	859.8625	859.8875	860.8125
856.6375	857.6375	858.6375	859.6375	860.6375	

Site 03	"Shelby" (Lakewood)	Shelby Co. IL			
854.8125L	856.8875L	854.8375LV	857.8375LVA	855.0125L	857.8625L
855.0875L	857.8875L	855.3125L	858.8375LD	855.5125L	858.8875L
855.5875L	859.8375L	855.7625L	860.8375L	856.8375LV	

Site 04	Argenta	Macon Co. IL			
852.0625LV	857.7875L	853.0875LV	858.7875L	853.8875V	859.1625L
855.0125L	859.7875L	855.7875LD	860.1625L	855.8125L	860.7875L
856.7875L					

Site 05	Congerville	Woodford Co. IL			
855.5125LV	858.8875L	856.0625LV	859.0625L	857.0625L	859.7875L
857.8625L	859.8625LD	858.0625L	860.0625LV	858.7875L	860.7875L
858.8625LD					

Site 06	Bushnell	McDonough Co. IL			
855.0125L	856.9125LD	855.0375LV	857.8375L	855.2625L	857.8625
855.3375LA	857.8875L	855.5625L	858.8125L	855.8125LV	858.8625L
856.8875L					

Site 07	"Utica" (Deerpark Twp)	LaSalle Co. IL			
851.8875LV	854.8375LV	855.0875L	855.2625LV	855.3375L	855.5625LV
855.5875LV	855.8125L	856.0375L	856.8125L	856.8375LV	856.8625LV
856.9125LV	857.0375L	857.8125L	857.8375L	857.8625L	857.9125LV
858.0375L	858.8375L	858.9125LV	859.0375L	859.8375LA	859.8875L
860.0375V	860.8375LD	860.8625L	860.8875L	860.9125V	

Site 08	Kewanee	Henry Co. IL			
855.0125L	858.8125L	855.0375LV	858.8875LDV	855.2625L	859.7875L
855.5625LV	859.8125LV	855.7875LV	859.8625L	856.7875LV	859.8875LD
856.8625L	860.7875L	857.7875L	860.8125L	858.7875LV	860.8875LV

Site 09	Danville	Vermilion Co. IL			
852.3375LD	858.9125LV	854.7875L	859.8125L	855.5375 V	859.9125L
855.7625LV	860.8125L	856.8625LV	860.8625L	857.8125L	860.9125L
858.8125L	862.3125L	858.8625L	865.0375L		

Site 10	Jacksonville	Morgan Co. IL			
856.0625L	859.0625L	855.5625AV	857.0625L	860.0625L	858.0625
852.5625D					

Site 11	Kankakee	Kankakee Co. IL			
854.1125LD	856.1625LV	855.0625L	856.8125L	855.0875LV	856.8375LA
855.3375L	857.1625L	855.5625L	858.1625L	851.7625	852.5875
853.7125	856.8875	857.8875	858.8875	859.8875	860.8875

Site 12	"Pontiac" (Saunemin)	Livingston Co. IL			
851.2625LD	857.3375LV	855.0625L	858.3625LVA	855.3625LV	862.6125 V
855.5625L	863.6625V	856.7875LV	865.4125V	860.8875V	861.4125
862.4125	863.4125	864.4125	865.4125	855.0625	855.5625

857.8625	858.8875	859.8625	860.8875	861.6125	862.6125
863.6625					
Site 13	Newton	Jasper Co. IL			
854.7625LA	857.8625L	854.7875L	857.9125L	855.0875L	858.8125L
855.5375L	858.9125L	855.5625L	859.8125L	857.8125L	860.9125LD
Site 14	Springfield	Sangamon Co. IL			
854.3375LV	858.8125L	856.0375LV	858.8625L	856.0878LV	859.0875LAV
856.9125L	859.8125L	857.0375L	859.8875L	857.0875LV	860.0375L
858.0375L	860.0875LDV	858.0875LV	860.8125L	861.2625	863.2625
863.4875	865.2625	865.2875			
Site 15	Bloomington	McLean Co. IL			
855.3375L	859.1875VA	856.1875LV	859.3375L	856.5375L	859.5375LV
856.8375L	859.9125L	857.1875LV	860.1875D	857.5375LV	860.3375L
858.1875LV	860.5375LV	858.5375LV	862.0125L	865.0125L	863.0125L
865.0375L	864.0125L				
Site 16	"Litchfield" (Mt. Olive)	Macoupin Co. IL			
856.2875L	857.8625 V	855.5125 V	858.5125L	856.5125L	859.5125LA
857.5125LV	860.5125LD	854.7875	854.8125	855.0125	855.0875
855.2625	855.5125	855.5875	855.7875	855.8125	856.7875
856.8625	857.8625	858.7875	858.8625	859.7875	860.7875
854.8125	855.2625	855.7875	856.7875	856.8625	
Site 17	Princeton	Bureau Co. IL			
854.9375LV	856.4125L	855.3375L	857.3125L	855.3625L	857.3875LV
855.4375L	857.4125L	855.6125LV	858.3875LV	855.6375L	858.4125LV
855.8875L	859.4125LA	856.3125L	860.4125LD		
Site 18	Watseka	Iroquois Co. IL			
853.1125L	856.8125L	853.5875L	856.8625L	853.6875LV	857.8125L
854.8125LV	858.8875LA	854.8375L	859.8125L	855.0875L	859.8625LD
855.2875L	859.8875L	855.3375L	862.6125 V	855.7625L	863.6625 V
Site 19	Champaign	Champaign Co. IL			
852.0625V	853.0875V	853.5375L	855.0875LV	855.3125L	855.7625LV
857.7875V	858.5875L	858.8875L	859.0125D	859.8625LV	860.0125LA
860.5875LA	860.8375L	860.8625L	862.7625	863.6875	864.5875
864.7875	865.6875				
Site 21	Taylorville	Christian Co., IL			
854.7625V	854.8125V	855.0125V	855.0875V	856.9125C	857.8625V
858.8125V					
Site 22	Washinton	Tazewell Co., IL			
855.0125L	855.3375L	855.2625L	855.5625L	855.7875L	856.7875L
856.8625L	858.7875L	858.8125L	858.8875L	859.7875L	859.8125L
859.8625L	859.8875L	860.7875A	860.8125L	860.8875C	855.5125L
855.8125L	857.8625L				

Other Sites

The following sites are not yet identified as being part of the SmartZone system or are not operational. Each is listed in FCC records as licensed to a ClearTalk member coop.

Delwood	Pope, IL	854.7625	854.8625	855.5125	855.5375
855.6625	855.7875	856.7875	856.8375	856.8875	856.9125
857.7875	857.8125	857.8875	857.9125	858.8125	858.8875
859.8125	859.8625	859.8875	860.8125	860.9125	
Chester	Randolph, IL	857.3125	859.3125		
Sparta	Randolph, IL	856.3125	858.3125	860.3125	
Mt Vernon	Jefferson, IL	856.3125	856.3375	857.3375	858.3125
858.3375	859.3125				
Vandalia	Fayette, IL	854.8625	855.9375	856.2875	
Rochelle	Ogle, IL	855.2625	855.5125	855.5625	856.8125
858.7875	859.8875	860.7875	860.8875		
Lerna	Coles, IL	855.0125	855.0875	861.9375	862.9375
863.9375	864.9375	865.9375			
Polo	Lee, IL	854.8625	855.5375		
Lynnville	Morgan, IL	854.7875	854.8125	854.8375	855.0625
855.0875	855.2625	855.2875	855.3125	855.3375	855.5125
855.5625	855.5875	855.7625	855.7875	855.8125	856.7875
856.8875	857.7875	857.8125	857.8625	857.8875	858.7875
858.8125	858.8625	859.7875	859.8125	860.7875	860.8125
860.8625	860.9125				
Williamsville	Sangamon, IL	854.8625	854.8625	854.8625	855.1625
855.1625	855.1625	855.9375	855.9375	855.9375	
Lincoln	Logan IL	856.6375	857.6375	858.6375	859.6375
860.6375					
Peoria Hts.	Peoria IL	855.0125	855.2625	855.3375	855.5125
855.5625	855.7875	855.8125	856.7875	857.8625	858.7875
858.8625	859.8625	860.7875	860.8875		
Ottawa	LaSalle IL	855.3375	856.8125	859.8875	860.8875

Indiana Sites

Greencastle	Putnam Co.	853.8875	858.8625		
Prairieton	Vigo Co.	855.0125			
Foster	Fountain Co.	855.5375	855.7625	856.8625	
Crawfordsville	Montgomery Co.	856.6875	857.6875	858.6875	859.6875
		859.8875	860.6875	862.5375	864.1875
		865.1375	865.1875	865.2875	

Change Log:

Date	Initials	Items/Page	Nr of changed items:
04-01-12	rc	Update Sites	22, 23