



FLORIDA REPEATER COUNCIL, INC.

NEWSLETTER

Volume VIII Issue 1

<http://florida-repeaters.org>

July 2000

PL TONES

CTCSS stands for Continuous Tone Coded Squelch System, often referred to as PL (Motorola's trade name). Many repeaters require the use of a PL tone to access the repeater.

Contrary to popular belief, the requirement of a PL tone to access a repeater does NOT mean it is closed. PL is frequently used to preclude nuisance kerchunks in high RF environments as well as helping solve interference problems. Some repeaters may also generate a PL tone on the repeater output so that repeater users who are equipped with a radio capable of decoding PL will not hear other interference sources on the channel that would otherwise open the squelch on the user's radio.

It is up to the owner/trustee of the repeater to decide whether or not to make public the PL tone for a particular repeater. The FRC follows the wishes of the owner/trustee in publishing the PL code only when so requested.

The FRC strongly recommends the use of PL on repeaters' receivers. PL is a minor inconvenience when you consider how many potential problems it can eliminate. The use of PL may be required for a coordination to be granted if conditions so warrant, such as proximity to a co-channel repeater, or in an area where band openings frequently aggravate co-channel interference

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TREASURERS REPORT

Bob Cline, WB2NGZ

Balance 2/11/00:	\$ 7,418.08
Income:	\$ 1,110.00.00
Expenditures:	\$ 641.46
Balance 7/19/00:	\$ 7,886.62

Minutes of Orlando Corporate Meeting

The meeting was called to order at 5:05 PM on February 12, 2000 by President Ray Kassis, N4LEM, who determined that a quorum of qualified Directors were in attendance:

Directors in attendance were:

- District 1: Nilo A. Hernandez, W4HN
- District 2: Mark Filla, KS4VT
- District 3: Karen A. Power, KD4DJX
- District 4: Paul Knupke Jr., KR4YL
- District 5:
- District 6: Matthew Bush, KA9RIX
- District 7: Ted Wirick, W7YJC
- District 8: Frank Butler, W4RH

Staff Members in attendance were:

- President: Ray Kassis, N4LEM
- Vice President: Ira R. Bickham Jr., K8HRR
- Secretary/Treasurer: Robert Cline, WB2NGZ
- Database Manager: Dana G. Rodakis, K4LK

TREASURER'S REPORT:

The FRC Secretary/Treasurer reported the following accounting:

Opening balance, 9/10/99:	\$ 6,849.21
Expenses:	\$ 551.13

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SEPTEMBER FRC MEETING

The next meeting of the FRC Board of Directors and Staff will be held at the Melbourne Hamfest in September on Saturday . There will be a workshop prior to the Directors Meeting to allow members to express their opinions and ideas to the Board of Directors. The time for the meeting will be announced when the information becomes available.



Communications is the life blood of the Florida Repeater Council

2000 FRC Directory

PRESIDENT/COORDINATOR

144/222/420/902/1240 MHz COORDINATOR
Ray Kassis, N4LEM
1150 W King Street
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(H) 407-783-0070 (H) FAX: 407-784-0070
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VICE PRESIDENT

Ira R. Bickham Jr., K8HRR
260 Tiki Drive
Merritt Island FL, 32953
407-453-2309

SECRETARY/TREASURER

DATABASE MANAGER/WEBMASTER

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St. Petersburg, FL 33707
727-381-3344
E-Mail: coordinator@florida-repeaters.org
WebSite: <http://florida-repeaters.org>

6-METER COORDINATOR

Matthew Bush, KA9RIX
237 East Madeira Avenue
Madeira Beach, FL 33708
727-394-9665
E-Mail: 6meter_coord@florida-repeaters.org

DIRECTORS

DISTRICT #1 DIRECTOR

Nilo A. Hernandez, W4HN
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Miami, FL 33186
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(Dade, Monroe)

DISTRICT #2 DIRECTOR

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(FAX) 561-852-9432
(W) 561-233-4417
E-Mail: ks4vt@aol.com
(Broward, Martin, Palm, Beach)

DISTRICT #3 DIRECTOR

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2949 Garden Terrace N.E.
Palm Bay, FL 32905
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(W) 407-777-9195
E-Mail: powertower@321liftoff.net
(Brevard, Indian River, Okeechobee,
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DISTRICT #4 DIRECTOR

Paul Knupke Jr., KR4YL
11931 92nd Way North
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727-397-8368
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(DeSota, Hardee, Hernando, Hillsborough, Manatee,
Pasco, Pinellas, Polk)

DISTRICT #5 DIRECTOR

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(Lake, Orange, Osceola, Seminole, Sumter, Volusia)

DISTRICT #6 DIRECTOR

Matthew Bush, KA9RIX
237 East Madeira Avenue
Madeira Beach, FL 33708
727-394-9665
E-Mail: 6meter_coord@florida-repeaters.org
(Charlotte, Collier, Glades, Hendry, Highlands, Lee,
Sarasota)

DISTRICT #7 DIRECTOR

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Union)

DISTRICT #8 DIRECTOR

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(Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf,
Holmes, Jackson, Jefferson, Leon, Liberty, Madison,
Okaloosa, Santa Rosa, Taylor, Wakulla, Walton,
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FRC NEWSLETTER EDITOR

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*Your Staff and
Directors are
willing to help
you. Please
avail yourself of
their services.*

(Meeting Minutes continued from page 1)

Income: \$ 1,120.00
Balance 2/11/00: \$ 7,418.08

Motion was made and seconded to accept the Treasurer's report as given.

PRESIDENT'S REPORT:

Ray Kassis reported that the District 5 Director, John July, KA2VWW, has resigned and entertained a motion to re-elect the Directors of Districts 1, 3 and 7 for a two year term. Motion made by District 2 Director, Mark Filla, Second: District 8 Director Frank Butler. Carried unanimously. Ray Kassis asked that anyone interested in serving as the District 5 Director to see him after the meeting. The meeting was then turned over to Vice President Ira Bickham Jr. who entertained nominations for FRC President. Ray Kassis was nominated for President by District 1 Director, Nilo Hernandez, Second: District 3 Director, Karen Power. There being no further nominations The Secretary/Treasurer cast one ballot for Ray Kassis. President Kassis then reappointed Vice President Ira Bickham Jr., Secretary/Treasurer Robert Cline, Database Manager Dana Rodakis and 6 Meter Coordinator Matthew Bush.

DATABASE MANAGERS REPORT:

Dana Rodakis reported that there are presently 1082 coordinated repeaters in the State of Florida. Approximately 200 repeater coordination's were omitted from the 1999-2000 Repeater Directory for failure of the repeater trustees to submit their status report. A new FRC WEB site has been established at <http://florida-repeaters.org>. An updated database will be available for download by FRC Directors and Staff shortly.

REPORTS OF DIRECTORS:

District 1: Nilo Hernandez reported no problems.

District 2: Mark Filla reported that there is a conflict between the 145.150 repeater in Miami with the repeater in Stuart which is separated by 122 miles. Further research will be done to resolve the problem.

District 3: Karen Power reported that there is a newly coordinated 440 repeater in Vero Beach and a pending VHF coordination in Melbourne.

District 4: Dana Rodakis read a written report from Paul Knupke Jr. which stated that there are few problems in District 4 but that there are few VHF pairs available in District 4 and that the 440 pairs are running low as well in the Tampa area. Paul Knupke recommends that the 440 band outputs be extended to 442 and inputs to 447 in District 4 . There is an increased interest in the 1.2 Gigahertz band in the Tampa area and it is recommended that the coordination split be set at 12 Megahertz.

Motion made by Dana Rodakis in proxy for the District 4 Director to extend the 442 sub-band as is current in use by Districts 1 and 2, Second: Mark Filla. Discussion followed. Motion approved unanimously.

District 6: Matthew Bush reported that District 6 has been very quiet and that there are ten pending 6 meter coordination.

District 8: Frank Butler reported that things have been generally quiet in the Panhandle except for one 440 coordination on 444.875 was instead put on 444.860. The operator has agreed to reposition to the proper frequency.

OLD BUSINESS:

The Secretary/Treasurer reported that there is a continuing problem with newsletter returns for lack of a proper address. Out of thirty returned newsletters and subsequent reports to the appropriate Director only two have been resolved.

NEW BUSINESS:

It was proposed that the FRC hold meetings at Miami and Melbourne each year in addition to the required corporate meeting in February. This proposal will be discussed at the Melbourne meeting.

The meeting was adjourned at 5:46 PM by President Ray Kassis.

Respectfully submitted
Robert C. Cline, WB2NGZ
Secretary/Treasurer

STAFF POSITION OPEN

There is an immediate opening for the staff position of Secretary/Treasurer with the Florida Repeater Council. The duties consist of recording and publishing the meeting minutes, maintaining the FRC bank account and editing and publishing the Florida Repeater Council newsletter twice a year. If you are interested in this position please contact FRC President Ray Kassis (see contact information on Page 2.

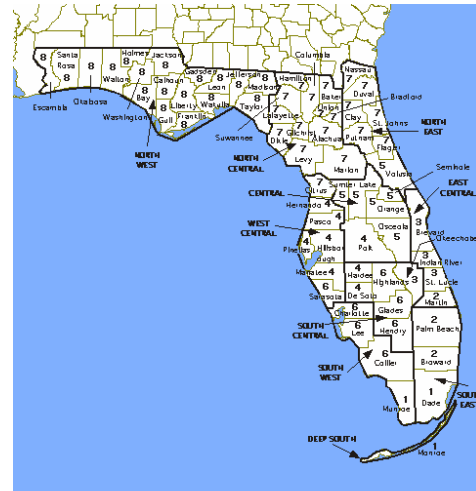
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problems.

The FRC has designed a PL tone plan in the hopes that repeater owners/trustees in a given area will standardize on a particular PL tone and incorporate it into their operational plans. The reason for this plan is to make it easier for users to operate the local repeaters in an area, as some older radios are only capable of a single PL tone as compared to modern radios which can have PL tones selected on a per-channel basis. A PL tone has been recommended for each region based upon actual usage, as listed as follows:

REGION	PL TONE
NORTH WEST	1Z (100.0 Hz)
NORTH CENTRAL	3Z (123.0 Hz)
NORTH EAST	3A (127.3 Hz)
WEST CENTRAL	4B (146.2 Hz)
CENTRAL	1A (103.5 Hz)
EAST CENTRAL	1B (107.2 Hz)
SOUTH WEST	4Z (136.5 Hz)
SOUTH CENTRAL	8Z (206.5 Hz)
SOUTH EAST	2Z (110.9 Hz)
DEEP SOUTH	2A (114.8 Hz)

You can assist your users in getting PL boards for their radios. Ask any 2-way shop and they will most likely recommend Communications Specialists, 426 W Taft Ave, Orange, CA 92665-4296 Phone: (714)998-3021. They can provide boards for a modest sum that will fit inside most radios including handhelds. They are available from Amateur Electronic Supply and the Ham Radio Outlet.

See the PL tone area map on the FRC WEB site at: <http://florida-repeaters.org/frcdist.htm>



FLORIDA REPEATER COUNCIL DISTRICT MAP 44 LX, 9 Jan 99

FLORIDA REPEATER COUNCIL, INC.

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ADDRESS CORRECTION REQUESTED