

MONTHLY MINUTES OF THE OCTOBER 2014 MEETING
OF
THE LONGVIEW/EAST TEXAS AMATEUR RADIO CLUB

The October 2014 monthly meeting of the Longview/East Texas Amateur Radio Club was opened at 9:00 am on Saturday, October 18 by President John Zenter AE5OY with 13 members and 1 guest present and introductions then followed. The minutes of the previous meeting were then read and approved by a show of hands after a motion to accept was made by Jim Quinn AA5CX and seconded by Cliff Scott AE5ZA. The treasurer's report for the previous reporting period was then read and approved after a motion to accept was made by Phillip Mullins AE5KE and seconded by Rich Fleming N3DNU.

The monthly program was then presented by Gary Lewis WG5L on the HF digital mode JT65. Gary based his program on a presentation made by Steve Ford WB8IMY on "JT65 - Getting Started on HF". JT65 is a digital mode originally developed by Joe Taylor K1JT for moon bounce operation and uses extremely sophisticated digital signal processing. JT65 is used primarily now for quick digital QSO's during contests. The transmission relies on redundancy and sends the information over and over. 80% of the information can be lost and the message can still be decoded. The mode transmits only 13 characters per transmission for approximately 46.8 seconds and is silent for approximately 13.2 seconds. Call signs, signal reports and grid squares are usually the only information exchanged when operating in contests. Stations take turns transmitting, with one station transmitting on even minutes and listening on odd minutes. An extremely accurate clock, to within 2 seconds UTC, is necessary and with many computers, requires a separate clock program. JT65 is a low power mode and many operators run only 5 to 10 watts of power. A question and answer period followed Gary's presentation.

Charles Fricks AF5FB gave a brief presentation on some camouflaged cell towers he had encountered on a recent trip to California. The towers had been disguised to look like trees so as not to draw any attention in the extremely environmentally sensitive area.

President John Zenter announced the Ardmore Hamfest was scheduled to be held October 24 and 25.

VE testing was announced for the afternoon at LeTourneau University and all available VE's were invited to assist.

After a thorough discussion, it was decided that Five Guys would be the site of the next LETARC informal dinner at 6:00 pm on Sunday, November 8.

With no further business to discuss, the meeting was adjourned at approximately 11:00 am.

TREASURER'S REPORT
10/18/14 TO 11/14/14

Balance brought forward from last reporting period was \$1,044.61 in club funds. No income was received for this period. Expenses included \$16.50 to the Donut Palace for donuts for the monthly meeting. This leaves a current balance of \$1,028.11 in club funds.

ATTENDEES

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|-----------------|--------|-----------------|--------|
| Terry Johnson | KG5WO | John Zenter | AE5OY |
| Dean Patterson | KE5AVH | Phillip Mullins | AE5KE |
| Dave Luchak | KL7BX | Ken Kinman | KE5JYW |
| Charles Fricks | AF5FB | Jim Quinn | AJ1MQ |
| Priscilla Quinn | AA5PQ | Rich Fleming | N3DNU |
| Dan Dropka | Guest | Cliff Scott | AE5ZA |
| Jim Quinn | AA5CX | Gary Lewis | WG5L |