

# Lanierland ARC W4ABP Newsletter

ELECTION EDITION

NOVEMBER 2005

## President's Corner

Terry Jones, W4TL

Well, I am down to the final month of serving as your president. After nine continuous years it is time for me to turn the gavel over to someone else. It has been fun and challenging and I leave office realizing that a lot has occurred during this time. I have thoroughly enjoyed serving the club and have been blessed with many new friends over the years for whom I am thankful. Our club is a unique group with many talents. There is no task that we can't complete when working together. Keep the focus and continue working together. Our club has been very united and the camaraderie of the members has been exceptional. It is my desire that the fellowship we enjoy will continue.

You have a great group of prospective officers who will be voted in and affirmed at the November 29 meeting and will be installed at the Christmas Breakfast on Saturday, December 3. Please support your leadership as you have always done in the past. This is what makes your club work for you.

Thank you for allowing me to serve as your president! It has been a joy and a pleasure. If I can ever be of assistance to any of you, please let me know.

73  
Terry

LARC de W4TL dit dit dit dah di dah

## Club Meeting Information

The November club meeting is on 29 November at the Fire Mountain Restaurant on Browns Bridge Road in Gainesville. We gather at 1800 for dinner. The meeting starts at 1900. **The November meeting will include voting for Vice President.**

## 2006 Officer Nominee Bios

**President: Larry Tyson, W4WLT**

It seems I have had a radio in my hands for most of my adult working life, first as a Security Officer and then in Law Enforcement with two (2) jurisdictions, but was never formally introduced to Amateur Radio until I volunteered to serve with Georgia Baptist Disaster Relief. W4TL, KD4RFK, KK4NO, KO4RD, K4PDL, KN4UO, K4PEG and a multitude of other folks were my first contacts in the Amateur Radio community. I began my Disaster Relief work in the Clean Up and Recovery ministry, but decided my calling was in Communications. First licensed as KG4IXX in August, 2000, I have managed to progress from Technician to Amateur Extra in February, 2005. Along the way, I also held the call K1WLT prior to my current call, W4WLT.

Joining the Lanierland Amateur Radio Club soon after receiving my ticket, I have enjoyed learning much more about this fascinating hobby. The Club activities and members have been a great source of information and educational experience. I appreciate the opportunity to serve the Club as President and look forward to continuing the many fine traditions of LARC.

73,  
Larry Tyson, W4WLT

(bios continued on page 2)

## Don't forget the Christmas Party

The yearly Christmas Breakfast and December LARC meeting will be on December 3 from 0800 – 1000 at the Golden Corral just off of I-985 exit 4. Mark your calendars so that you can join us! The normal meeting on the last Thursday of December is replaced by this meeting.

**Vice President Nominee: Bob Scott, KG4NJC**

Birthplace : Cincinnati, Ohio.

Grew up in Northern Wisconsin, Upper Michigan and Northern Ohio.

Education: Denison University, Granville, Ohio

U S Army, Two Years - Korean War Veteran

Married the former Anne Jones of LaGrange, Georgia. Have three daughters, six grandchildren and four great grandchildren.

Career: Thirty six years in Banking and Finance. Retired as Vice President with The Citizens & Southern National Bank. (now Bank of America)

Twenty five year member Lions International, Past President of North Decatur Club and the Southwest Dekalb Club. Past Deputy District Governor for District 18D, Lions of Georgia.

Volunteer in U S Coast Guard Auxiliary for 32 years (still active). Past Rear Commodore Northern Area of the 7<sup>th</sup> Coast Guard District. Hold ratings for: Coxswain, Radio Watchstander, Instructor and Vessel Examiner.

Volunteer - American Red Cross. Currently Captain of Hall Co. Disaster Action Team. Also member of Disaster Services Human Resources.

Volunteer-Georgia Baptist Disaster Relief-Communications

Lanierland Amatuer Radio Club - Vice President, three years

Volunteer - Deliver Meals on Wheels one day per week in Oakwood Area.

Resident of Flowery Branch, GA for past thirteen years.

(bios continue in the next column)

**Where in the World is:**

will return next month.

Thanks to **Megaprint** for the free-of-charge printing of the LARC newsletter. Visit them at:  
819 Oak St  
Gainesville, GA 30501  
for all of your printing needs

**Vice President Nominee: Doyle Gantt, KI4KLQ**

Hello everyone,

Please allow me to introduce myself. My name is Doyle Gantt. I was born in Hall County in 1955 to the late W.T. Gantt of Forsyth County and Naomi Tanner Gantt of Hall County. Grew up just outside the City limits of Gainesville and attended the original Lyman Hall Elementary School that was located near what is now the Office Depot and attended Victory Baptist Church formally Gainesville Baptist Tabernacle. Attended South Hall High and then moved to the then new Johnson High. Graduated from Johnson in 1974. During and after my high school years, attended classes at Lanier Technical School and Gainesville Jr. Collage until early 1975.

Enlisted in the United States Navy in 1975 and served aboard the U.S.S. Garcia FF-1040 as a Machinist Mate for my entire enlistment. While on active duty, was awarded the National Defense, Unit Accommodation and Good Conduct medals and a Unit Citation. Honorably discharged from the Navy in 1981 with the rank of Machinist Mate Second Class Petty Officer (E5). Two of the six years of military service was as Reserve. After returning to Gainesville in 1979, went to work for Reliance Electric/Rockwell Automation in Flowery Branch as an electric motor assembler. Was promoted to Production Supervisor in 1989 and hold that position today. Continued studies at Gainesville Collage and Brenau University majoring in Business Administration until 1992.

My wife, Cheryl, also from Gainesville, works at North Georgia Medical Center in the health information department. We have two children, son Daniel and daughter Kaitlyn.

I have a strong love for our Lord and Savior. We are members of Oak Grove Baptist Church in Gainesville. My faith in God is, without question, a guiding force in my life.

My high mechanical and technical aptitude as assessed by the U.S. Navy and my organizational and people skills has enabled me to be successful with my career. My computer knowledge is above average and at one time, enjoyed building homebrew PC's. My love for our Country and Hall County is unparalleled. Faith, honor, loyalty and family commitment are words I try to live by.

I have many hobbies that include hunting, fishing, swimming, playing guitar, scuba diving, reading and most recently, amateur radio. We love to travel and see new places. I enjoy NASCAR, football, baseball, camping and cherish quality time with my family and friends. I am a devoted husband and father and consider myself a loyal and generous friend.

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Although relatively new to LARC, I would welcome the opportunity to serve as your vice-president. I truly believe I can help continue to move the club forward with fresh ideas, strong support and my desire to face our challenges head on. I will do anything in my power to fulfill our comments to our Lord our community and each other. I envision great things for LARC.

Please consider casting your vote my way. Together, we will make great things happen.

I close with this fact. Regardless of the voting outcome, I will remain loyal and faithful to each of you as fellow club members. I believe I was led to LARC and look forward to our future and the great things ahead of us.

Thank you and May God Bless each of you.

Doyle

**Treasurer: John Brandon, KE4PCF**

John R Brandon, licensed for 11 years--Extra class retired for past two years Worked as accountant or administrative manager for Firestone Textiles and Brlington Industries in excess of thirty-five years combined and for DHR for twelve years.

Red Cross volunteer with the Hall County Disaster Action Team .

Member of the Chattahoochee Baptist Communications Unit since January 1997.

John K4PCF

**Activities Manager: Roger Gibson, W4RLG**

Roger Gibson – W4RLG

Born, grew up and lived in my home town of Hampsted, Md. for 60 Years. At 18, started my career as an IBM Operator after Business School. At 20 entered the U. S. Navy and became a Computer Operator. Wound up Banking after the Navy and stayed at the same bank for 33 Years. Through several mergers.

In October 2002 retired and moved to Georgia to be closer to Grandchildren. A move we have never regretted.

My Amateur Radio hobby started out with CB. Became a Novice (KA3WAA) in April 1990 and two weeks later a Tech, (N3ICJ) Grandfathered to Tech-Plus, where I remained for 11 Yrs.During those 11 yrs. I devoted all my amateur energy to Navy-Marine Corps MARS. Holding several different leadership roles.

When we moved to Georgia I was out of radio for about a year. When they dropped the code requirement for General class license to 5wpm, it gave me an opportunity to advance and to resume this wonderful hobby. The attraction of HF Opps. was to much to resist.

Attained General and about a year later Extra. At which time I went to the Vanity call W4RLG. This coming year I will be your Activities Director. Here's hoping we will all have more good times together. I for one am looking forward to it. 73's

Roger, a Real Lucky Guy!

**Secretary: Robert Copelan, WB4DHC**

I have been a licensed ham since 1975. My primary focus in amateur radio is emergency communications and the supporting technologies. My professional career (the one that pays the bills) after graduation from The Citadel has been primarily in Information Technology for 2 German autoomotive companies. (Robert Bosch and ZF). I am looking forward to serving the LARC during 2006 as secretary.

## Lunch Bunch

Every Friday at 11:30 AM there is a lunch get-together at a local restaurant. The location is announced on the Wednesday night net as well as the Yahoogroups discussion list and the 146.67 repeater.

## Repeater Info

The club has several repeaters located on Wakua Mountain.

146.670 (-) 131.8 Hz  
224.840 (-) open  
444.950 (+) 131.8 Hz

## Hall Co. Nets

W4ABP repeater

146.67 Mhz(-) 131.8 hz

Net	Time
LARC	Wed. 2030R
Hall Co. ARES	Wed. 2000R

# OSCAR Today

(Orbiting Satellite Carrying Amateur Radio)  
Doyle Gantt, KI4KLO



In this edition: **Visible** International Space Station pass predictions provided by SatScape software ([www.satscape.co.uk](http://www.satscape.co.uk)) for November, 2005.

Use the chart to find a convenient time to see the station. It will look like a brightly lit star moving across the sky. ISS has a new crew as of October 3. Expedition 12 is now aboard the station commanded by William McArthur, KC5ACR and flight engineer Valeny Tokarev (no call). McArthur and Tokarev were launched into orbit aboard ISS Soyuz 11 (TMA-7) on September 30 and docked with the space station on October 3 to begin their 180 day tour. ISS carries amateur radio. If you're interested in trying to contact the station by voice, use uplink 144.49 and downlink 145.80. Crew schedule can be found on NASA's web site. Remember the station operates on UTC time. Times listed on the chart are local. The official calls for the station are, NA1SS for USA, RS0ISS and/or RZ3OZR for Russia. Try for William (if he is available) with his personal call, KC5ACR.

Visible passes for the rest of November 2005

DAY	TIME	S-AZ	MAX EL	DURATION	E-AZ	VISIBLE
19	18:01:05	320	33 (AZ 037)	00:09:51	117	Yes
20	18:24:18	309	52 (AZ 228)	00:09:58	143	Yes
21	18:47:56	293	13 (AZ 233)	00:08:42	172	Yes
23	17:59:11	293	13 (AZ 233)	00:08:44	171	Yes
24	18:24:06	264	02 (AZ 238)	00:04:18	212	Yes
26	06:25:55	150	02 (AZ 122)	00:04:39	094	Yes
27	06:46:27	190	14 (AZ 128)	00:08:48	066	Yes
29	05:57:19	189	13 (AZ 128)	00:08:45	067	Yes
30	06:19:24	218	54 (AZ 132)	00:09:58	051	Yes

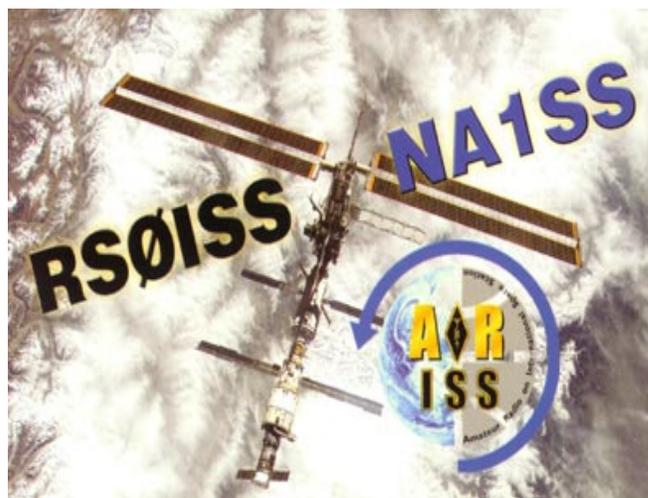
(The following information was taken from the ISS Fan Club web site)

## How to request a QSL for a contact with the International Space Station

A contact with an Astronaut, Cosmonaut or with equipment onboard ISS (Packet, SSTV etc.) can be confirmed requiring a QSL directly to this address:

**ARRL Headquarters**  
**ARISS QSL Expedition-12 (or 11, etc.)**  
**225 Main Street**  
**Newington, CT 0611101494**

Here is an example of the ISS QSL card you will receive as confirmation for your QSO, Packet contact, SWL or SSTV (when available):



[N7SIJ](#) writes: Good day,

I had a nice QSO with Bill McArthur on Saturday morning and then to my surprise, another this morning @1520. Seems like the expedition 12 crew might be pretty active on ham radio during the next 6 months, so get all your toys lined up and ready to go. This morning we talked about the daily timeline and I asked Bill to check the TNC on the Kenwood system and give it a re-boot or a re-power since it has not worked since our last voice contact. After that, we signed and I heard him working KB0ZUU for a minute and then the packet system came back on. It's going to be a fun winter for ISS fans so get ready.

73, Ron - N7SIJ"

(Continued on the next page)

(Oscar Today, continued)

**PDORKC** writes: *Hello, Every APRS station which have internet should become an IGATE station!!! I have made an easy manual to make your APRS station also an IGATE station! First I shall explain what an IGATE station is. APRS stations send their beacons on the air, the IGATE station receives the beacons and sends it to the internet.*  
<http://www.findu.com/cgi-bin/ariss/index.cgi>

Good Luck!!

Send your OSCAR / ISS experiences to [KI4KLO@arrl.net](mailto:KI4KLO@arrl.net)

73 to all,  
Doyle, KI4KLO

## Trim Dipole

Ed Cravey, KF4HPY

Years ago I saw a program in the magazine "World Radio" by KD5DL for October 1997. I copied it to my Commodore 64, changing it from Basic to PET Basic, and later to Q-Basic for my PC. It was a program to prune a dipole antenna to the proper length when using the formula  $234/F = \text{one leg of a dipole plus 3 inches}$ . I felt this was much too complex for me ; so I rewrote it leaving out the extra 3 inches. I have found the regular formula leaves the antenna too long in most cases, and everyone I ever knew adds 3 inches to the dipole legs anyway. I have passed this program out at various club functions; but as not everyone programs their own computer anymore, I have decided to present it as a simple calculator action.

To find the dipole length for each leg, key your calculator:  
 $234/\text{Frequency in MHz} = \text{Length in feet of one leg of a dipole}$ .

Put the dipole up and analyze the resonant frequency; upon finding the resonant freq. write it down. Note where the resonant freq. is located in relation to the desired freq. Above the Freq. or below? Let us say the resonant freq. is below the desired freq.; do this next step.

On the calculator input:  $234/\text{Frequency of resonance} = \text{Length of leg of dipole at the resonant freq.}$

(continued in the next column)

You will notice a difference in the calculated lengths of each leg at their calculated freqs. This difference will be the approximate length to add or remove from each leg. Of course you will not add or cut the exact amount of wire at one cut; take it easy, in increments. Even the program as presented by KD5DL shows a variation of 7.5 inches between the amount to add or remove due to the math processing of his program.

I will now give you an example of the simple calculator method. I will use 3.865 MHz as the desired freq.

$234/3.865 \text{ MHz} = 60.54334 \text{ ft.}$  Upon checking the SWR we find we are resonant at 3.5 MHz so we input  $234/3.5 \text{ Mhz} = 66.85714 \text{ ft.}$

$66.85714 - 60.54334 = 6.3138 \text{ ft. or } 75.76 \text{ inches.}$  This means we must remove this amount from each leg to get to the resonant freq.

I would recommend removing half the amount from each leg and checking to see where we are resonant and how many KHz we moved for that amount remove. The next cut should be half of the first for example: 37 inches, 18 inches, 9 inches, etc. As one becomes familiar with antennas, the process becomes easier.

Of course YOU do check your dipole for all points of resonance at all the bands (harmonics).

I have a rotatable dipole of copper pipe that is resonant at 20.9 MHz and again at the 7<sup>th</sup> harmonic in the 2m ewak signal portion. Covers the entire 15m band and 2 m SSB band without a tuner. With a tuner I have 10m and 6m to use. This antenna was supposed to be only a Double Extended Zepp for 6m. Wow!!! So check first, and as you move into the harmonics, the lobes move toward the ends.

I do have copies of the KD5DL programs for those who want to program their PC.

73,

Ed Cravey, KF4HPY

## Newsletter via email or USPS?

The LARC newsletter is distributed both on the LARC Yahoogroups email list AND posted on the club website, <http://www.lanierlandarc.org>. **If you wish to continue to receive a printed newsletter via mail** please inform Robert Copelan, WB4DHC ([wb4dhc@arrl.net](mailto:wb4dhc@arrl.net), 678-989-5576).