

# THE ARCLITE

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## FROM THE PREZ OCTOBER, 2000 By Kaye Duncan

I would like to start this month's article by saying thank you to Darrel Toups for taking time from his busy schedule to speak at last month's meeting on Manmade Disasters. In addition, we want to welcome him to the GARC family, along with others voted at the meeting.

This month's meeting will be our annual auction, and as usual, it should be a great time and hopefully a profitable one as well. Jim Lawyer (AA5QX) will be our entertaining auctioneer again this year. So clean out your garages, attics, and ham shacks and plan on joining us. Items brought for auction must be of an amateur radio nature and includes computers. Sellers should arrive early to fill out the auction information sheets that will be provided. As in the past, 10% of the selling price will go to the club (unless the seller wants to donate more). November's meeting is still being firmed up, but if things go according to Clay's (KC5MXN) plan, it should be a very informative and entertaining meeting. Hopefully he will be able to announce more details at the October meeting.

There are still quite a few events for the remainder of the year that we need volunteers for. Check out John Galvin's web page at <http://www.qsl.net/n5tim/> for the list. He also has included on the list the e-mail addresses of the event coordinators for you to contact if you would like to volunteer.

Finally, I want to mention again the GARC Christmas Pot Luck Social on December 17<sup>th</sup> starting at 7pm. This year it will be held this year at the Freeman Heights Baptist Church on Garland Rd between Walnut and Buckingham. The club will provide assorted meats, rolls, and drinks. All we ask is that you bring either a side dish or dessert to the festivities. We will also be calling upon our GARC members to provide musical entertainment again this year. If you would like to participate, contact Jennilyn Schroeder (KC5YZK) to sign up.

I hope to see you at the auction. Bring lots of stuff to sell and/or your check-books! Until then, 73's.....  
Kaye (KC5JWB)



Where HAM RADIO IS FUN!!!

### 1st Annual Christmas Light Contest.

Just a reminder that the GARC will be having a contest to see who can erect the best christmas light display. We will judge the entries at the Christmas party in December. Your light display must have a ham radio theme or element to be eligible.

Be sure to take at least one photo of your display to the December meeting to be judged.

A handsome trophy will be awarded to the winner of the contest.

Email questions to [ady@yodertronix.com](mailto:ady@yodertronix.com)



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Richardson Tx 75081

A friend is someone  
we turn to,

When our spirits  
need a lift.

A friend is someone  
we treasure,

For our friendship is  
a gift.

A friend is someone  
who fills our lives,

With beauty, joy, and  
grace.

And makes the world  
we live in,

A better and happier  
place.



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## VP NOTES

Well, here we are again. Looking at another auction. Let us remember to bring those things that we truly think that another HAM will want, not just the things our XYL's want us to throw away. I wish to say thanks to Darrel Toups (one of our newest members) for taking time to bring us some inside information on the Federal Governments program of getting various cities and areas ready for the possibility of a man made disaster. Sometimes it is good to know how a group or city like Garland gets picked to participate in these special programs. Thanks D.T. Just got back from a weeks vacation. The XYL and I traveled from Garland to St Louis, to Indianapolis, to Louisville, to the Smokey Mountains, to Vicksburg, and home. I had a scanner running up and down through the 2 meter band, and it does not take a rocket scientist to understand why the world wants to steal our frequencies. I did not acquire a single conversation from Sunday morning in St Louis, MO, Until Tuesday afternoon in Louisville, KY. I had a nice conversation in Louisville Thursday morning with WF4LPL, and then silence until

Friday morning at sunup in the Great Smokey Mountain National Park. they were holding a good morning net beginning around sun up until everyone had a chance to get where they were going, or got in their say for the day. Turned the volume down in the Smoky's as the view was to great to be distracted. Next radio action was the 146.945 link from NASA. They were airing the shuttle activity with the Space Station. That was Friday night in the camp ground in Vicksburg. It is interesting that I met only one HAM in any of the parks and such, since I was driving the Explorer with the antennas, it was not hard for any one to see me. The ARRL middle school idea is still alive and now needing to find a little different path. One of the teacher/radio operators has retired and the ARRL really has no material for us to use as a guide. There are some other groups in the area working with young folks, and we are studying what they are about and getting ready to begin to put our plan together. More to come

See you at the auction on the 23rd -30-Clay KC5MXN VP

## Food For Thought

When I was a young man (12,13,14,or so) I heard about Horace Greely saying something like "Go West Young Man", and here I am. As I got older,( or old ) I find myself looking EAST. Janet and I decided that we needed to see the colors of fall this year. So way back in April or even March, we started to plan for a trip back Home so to speak.. the trip took us back to see my Sister in Noblesville, In. and her brand new Grand daughter. I took us to Louisville to see her brother. We of course made our perfunctory stops at the cemetery's to pay homage to our parents and my brother-in law. Well, we got back home and are wishing that the week had gone a lot slower. What did we see? We saw a fantastic explosion of color that Janet

called a " silent fireworks display. Brilliant reds, flashing oranges, and blinding yellows against the browns and greens of the forest. Colors that only nature herself could display. We saw the pure white moon appearing out of the cold blackness of a mountain side, streaking its way through the boughs of the half naked trees on two cloud less nights. Etching out a drawing that you must see to believe. We saw and heard the silence of the mountains and the rushing of a stream. The rolling hills and valleys escape any explanation that man can speak. The early morning sun poking his nose through the limbs of a camp ground's canopy and pleasantly saying, " It is time to wake up and see what I have in store for you today". I know not who or

what you might have as your divine maker, But I know that mind is saying to me, " Stop and see what I have made for you, and hold it forever close to your heart. ". Going west has been good to me and my family. Going East in a few years will be better for my soul. Do not fear to look back on your travels and remember those times that were better than you remember. As you come to the end of your travels, do not fear of going home. My prayer is that some one will spread my ashes on the sunny side of God's mountain, back east.Do not get excited, it will take several more years to find a place to go and a means to get it done. We have much still to do here, many to harass, and many joys to find with our friends in Texas. Peace and Grace to each of you -  
30- Clay KC5MXN



After he completed the youngest ever career Grand Slam at the home of golf, St Andrews, Scotland, Tiger said: "I don't think you ever want to become the next Tiger Woods or Jack Nicklaus or Michael Jordan or whatever. Try to be the best you can be." Don't let the past define you.

Go out and define the future.

There's no telling how far you will go.

Remember,  
the greatest  
gift is not  
found in a  
store nor  
under a tree,  
but in the  
hearts of  
true friends.

## Two HAMS ABOARD 100TH SHUTTLE MISSION

After delays due to bad weather, a possibly problematic retracting bolt, a sluggish valve and a halted countdown to remove a stray tool, the shuttle Discovery lifted off from Cape Canaveral the evening of October 11. The launch was the 100th of the space shuttle program.

Two Amateur Radio operators are aboard Discovery. They include Mission Commander Brian Duffy, N5WQW, and Mission Specialist Koichi Wakata, KC5ZTA, who will represent NASDA, the Japanese Space Agency. No Amateur Radio activity is scheduled for this mission, however. Others aboard Discovery will include Pilot Pam Melroy, and mission specialists Leroy Chiao, Bill McArthur, Jeff Wisoff, and Mike Lopez-Alegria.

Discovery is on the fifth shuttle construction mission to the International Space Station and the last before the arrival of the ISS Expedition 1 crew in early November. Two new segments of the ISS are in the shuttle's cargo bay--a new docking port for use by future shuttle missions and a nine-ton exterior framework.

Shuttle mission STS-92 had been scheduled to launch on October 5, but inclement weather, concerns over a retracting bolt assembly, and a faulty engine valve delayed the launch until this week. Then, with the crew aboard and the countdown running Wednesday, NASA personnel spotted a stray metal pin apparently left behind by a worker on a support strut between the orbiter and the shuttle's giant fuel tank.

Launch managers decided to halt the countdown at T-minus 20 minutes and roll the launch tower back into place to retrieve the pin. An investigation is under way to determine how it was left behind and not accounted for.

The ISS exterior framework--called the Z1 truss--will be attached to the expanding station. The Z1 will house gyroscopes and communications equipment that will provide future "balance" for the outpost as well as enhanced voice and television capability. A conical mating adapter called Pressurized Mating Adapter 3 will be attached, providing an additional shuttle docking port. During the 11-day mission, Wakata will use the shuttle's robotic arm to attach the framework and mating adapter to the station's Unity module.

Amateur Radio on the International Space Station initial station gear was delivered last month by the shuttle Atlantis. The equipment has been stowed aboard the ISS until the Expedition 1 crew of US astronaut Bill Shepherd,

KD5GSL, and Russian Cosmonauts Sergei Krikalev, U5MIR, and Yuri Gidzenko come aboard for a four-month stay. The Expedition 1 crew launch currently is targeted for October 30 from the Baikonur Cosmodrome in Kazakhstan.--from NASA news releases and press reports



## SOLAR UPDATE

Solar sage Tad Cook, K7VVV, Seattle, Washington, reports: Solar flux and sunspot numbers were down again this week. Average sunspot numbers were down by more than 66 points, and average solar flux by almost 43 when compared to the previous week.

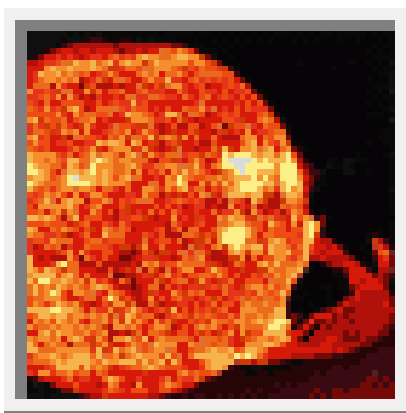
We are surely at the peak of this solar cycle. Since there is so much daily variation in solar indices, we won't know until much later when the peak actually occurred, however. Solar watchers and HF radio aficionados wonder if during the final quarter the sun will give us some more activity, yielding a later peak.

Geomagnetic indices were very quiet from October 6-9. Solar flux reached a recent short term minimum of 139.6 on October 10. Activity is again increasing. Planetary A index was expected to rise to 35 on Friday, October 13, then hit 15 the next day and 12 for Sunday and Monday. Solar flux values for the same four days are predicted to be 170, 180, 195 and 205. The current rise in geomagnetic activity is due to a full halo coronal mass ejection October 9.

Solar flux is expected to peak at 220 around October 18 and 19, and not dip below 200 until October 28. The next short term solar flux minimum is expected around November 5-7. Average solar flux predicted for the next 45 days is 191, which is a bit higher than the average for the first three quarters of this year.

Sunspot numbers for October 5 through 11 were 145, 127, 94, 128, 106, 95 and 131, with a mean of 118. The 10.7-cm flux was 173.8, 158.1, 155.6, 148.9, 140.8, 139.6 and 151.4, with a mean of 152.6.

The estimated planetary A indices were 96, 6, 7, 5, 5, 12 and 14 with a mean of 20.7.



### Hunting Season Opens

Dust off your dñing equipment and join the GARC on the final Friday of each month for a challenging hunt. Somewhere within the city limits of Garland a hidden transmitter will hide in a public place.

Your job is to find it as quickly as possible. This game provides much needed training, usefull in locating lost operators malfunctioning equipment and the occasional turkey. Often after the first hunt finishes up a second, third is organized that same night.

Would you like your name in print? If there is enough interest we may s tart printing stats of our hunts here in the Arclite. Hunts start at 7:30pm on 146.66

### Your two cents goes along way

If there is a article you want to see in the newsletter please let us know. We will bend over backward to provide it for you. We can use your comments to make the newsletter and the club

itself better. Is your employer hiring? Let us know, instead of having someone who is not working, we can help fill the position by NETWORKING.

Articles submitted to the Arclite for publication should be received on or shortly after the 2nd Monday of the month. This allows time to cover printing/ mailing considerations.

Multimedia?  
As far as I'm concerned, it's reading with the radio on!  
*Rory Bremner*



A current club roster can be downloaded from the club website.

Visit <http://www.qsl.net/garc/arclite/octroster.pdf>

Contact a club officer for password.



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## UPCOMMING EVENTS

**Challenge Bike Ride - October 28, 2000** - The city of Rowlett and the Easter Seals are hosting a 60, 30 and 10 mile bike ride. The ride starts in Rowlett and circles Lake Lavon for the 60 mile ride. This event will need about 10 to 12 amateurs. If interested contact Bob Bailey, N5ITN, rdbailey@flash.net event communications coordinator or visit N5ITN's web page for more information.

**White Rock half Marathon & 5K - November 4, 2000** - Dallas, Texas. Contact is Jim Galloway, N5MDI, jamesg@airmail.net or use Easy Sign-up Form.

**YMCA Turkey Trot - November 23, 2000** - Annual Thanksgiving run in downtown Dallas, Texas. Contact is Jim Galloway, N5MDI, jamesg@airmail.net or use Easy Sign-up email Form .

**Christmas on the square - December 1, 2000** - The City of Garland's annual Christmas celebration on the Square in old downtown. As in the past amateurs are needed to help with the Christmas Tree Lighting. There is also the test exercise a few day prior. If interested in helping this year please contact Clay Orchard, KC5MXN, mcorch@juno.com or use the Easy Sign-up email Form to sign up for this event.

**White Rock Marathon - December 10, 2000** - Dallas' premier running event. This annual 27 mile run is one of the qualifying event for the New York Marathon. Usually about 60 amateurs are needed to cover this event. Details to follow. To volunteer for this event, contact Bob Jones, W5BJ, bobj1@airmail.net or John Galvin, N5TIM, n5tim@arll.net or use the Easy Sign-up Form. Check out the White Rock Marathon web site runtherock.com for route map and other info.

**2001**

**January 27, 2001 - Dino Dash** - Yearly walk, run in Dallas at Fair Park. Contact is Jim Galloway, N5MDI, jamesg@airmail.net or use Easy Sign-up email Form .

# MINUTES GARLAND AMATEUR RADIO CLUB Sept 25, 2000

The regular meeting of the Garland Amateur Radio club held at the Garland Woman's Activities Building was called to order at 7:30 p.m. by the President, Kaye Duncan, KC5JWB.

The club was led in the Pledge of Allegiance by Don Duncan, KC5GLM; followed by the introduction of all members and guests present.

Minutes of the August 2000 meeting were approved as published in *The Arclite*.

### OLD BUSINESS:

GARC information nets control operators will be: January 2001 Matthew Jennings, KD5GUN; February, Joseph Schroeder, KD5EWQ; and March, The Crenshaws.

### NEW BUSINESS:

The club welcomed new members, Christopher Webb, KD5LDB; Homer Dreslin, K5MEN; James Brovant, KD5BPA; Mike Bledsoe, KD5LQC; Ron Jordan, N5GSN; Louise Jordan, N5GSP.

John Galvin, N5TIM reported on upcoming public service opportunities including the Christmas on

the Square, White Rock Marathon, Age Walk of Lie and the Walk for the Cure.

Clay Orchard, KC5MXN made a motion to make Darrel Toups, Manager, City of Garland Office of Emergency Management, an honorary member of GARC. Motion carried.

Allen Yoder, KB5GME reported on the GARC Christmas party to be held December 18<sup>th</sup> at the Freeman Heights Baptist Church.

### STAFF REPORTS:

Education Officer Randy Dunning, KC5QHH announced a code class on Tuesday nights. Volunteers are needed for the General Class for the next four weeks.

Treasurer Ed Hubbuch, KC5GGZ, reported the checking account balance is \$3,326.02.

Vice-President Clay Orchard, KC5MXN, stated that the new GARC QSL cards would be available soon. The October GARC meeting will be the annual auction. Those participating in the Christmas on the Square will receive RACES credit for public service.

VE coordinator Bill Rey-

nolds, K8DNE, reported the FCC ULS database is corrupt and advised those needing to make changes to come to the next VE session.

### OTHER BUSINESS:

Harold Yoder, N5MQA, reminded all members the Nominating Committee will begin taking nominations for club officers in February.

### PROGRAM:

The September program was presented by Darrel Toups and was entitled "Facing Manmade Disasters."

There being no further business, the meeting adjourned.

Respectfully submitted,  
L. D. Carpenter

The only thing necessary for the triumph of evil is for good men to do nothing.  
Edmond Burke  
(1729-1797)



# October 2000

SUN	MON	TUE	WED	THU	FRI	SAT
1	2 <sub>GARC NET</sub>	3	4	5	6	7
8	9 <sub>GARC NET</sub>	10	11	12	13	14
15	16 <sub>GARC NET</sub>	17	18	19	20	21
22	23 <sub>GARC CLUB MEETING/AUCTION</sub>	24	25	26 <sub>GARC VEC TEST SESSION RACES NET</sub>	27	28
29	30 <sub>GARC NET</sub>	31				

## Same Net Time, Same Net Frequency

The Following nets occur on a regular basis throughout the month.

Every Monday night at 7:30 PM. local time except for meeting nights the GARC conducts a goodnews/info net on 146.66 MHZ

RACES holds nets on Every Thursday Night at 9:00 pm local time on either the 146.66 or the 147.24 repeater. In addition to these nets there are also additional RACES nets held at 8:00 pm local time on the first and third Sunday of the month. These Sunday night nets are held on the 146.88

repeater. Only those stations who are authorized by the FCC or the regional Races authority may transmit on a Races frequency during Races nets unless there is a threat to life or property.

145.31 8:00PM Tuesdays  
Mesquite ARC holds a goodnews/info net

146.94 8:00PM Wednesdays  
FT Worth holds a info/swap net.

147.18 8:00PM Thursdays  
Plano ARK holds a goodnews/info net

## Garland Siren Test

The Garland early warning sirens are tested by the city the first Wednesday of each month at noon, weather permitting. Tests are generally conducted on the GARC repeater at 146.660Mhz with 600Khz negative offset.

Amateur radio operators wishing to help with these siren tests should contact Bob Jones, W5BJ if interested in helping out.



**NOMINATIONS OPEN FOR 2000 PROFESSIONAL MEDIA AWARD**

The ARRL is accepting nominations for the 2000 Professional Media Award, which pays tribute to the late CBS News President Bill Leonard, W2SKE. The award goes each year to a professional journalist whose coverage best reflects the enjoyment, importance and public service value of Amateur Radio. The deadline for entries is December 15, 2000.

Nominations will be judged by ARRL's Public Relations Committee, and the winner will be recommended to the Board of Directors for consideration at its January 2001 meeting. The winner receives a plaque and a cash award of \$500.

Leonard was an avid Amateur Radio operator most active in the 1960s and 1970s.

In Amateur Radio circles, he is remembered for his 1958 contribution to Sports Illustrated, "The Battle of the Hams," (<http://hamradio-online.com/1996/jan/hams.html>) which covered the "sport" of DX contesting. In addition to describing Amateur Radio and identifying some of the notables of the day, the article details the K2GL operation during the 1958 running of the ARRL International DX Contest.

Leonard was inducted into the Broadcasting Hall of Fame in 1996. Last year's award went to Jeff Holland, staff writer for the Monroe, NC, Enquirer Journal.

For more information about the award or to obtain a nomination

form and entry rules, contact ARRL Media Relations Manager Jennifer Hagy, N1TDY, [jhagy@arrl.org](mailto:jhagy@arrl.org) ; 860-594-0328.

**"It's useless to hold a person to anything he says while he's in love, drunk or running for office."  
--Shirley McLaine**

# November 2000

SUN	MON	TUE	WED	THU	FRI	SAT
			1 DARC CLUB MEETING	2 147.18 PARK NET	3	4
5	6 GARC NET RWK MEETING	7 Irving ARC NET 7:15pm	8 146.94 SWAP NET	9 147.18 PARK NET	10	11
12	13 GARC NET	14 Irving ARC NET 7:15pm	15 146.94 SWAP NET	16 147.18 PARK NET	17	18
19	20 GARC NET	21 Irving ARC NET 7:15pm PARK MEETING JIM HAYNIE	22 146.94 SWAP NET	23 TEST SESSION **NOT CONFIRMED** 147.18 PARK NET	24	25
26	27 GARC CLUB MEETING/	28 Irving ARC NET 7:15pm	29 146.94 SWAP NET	30 147.18 PARK NET		

## GARC General Information

### Repeaters:

The GARC operates two open repeaters for its members and for all local or visiting Amateur Radio Operators: Two meters: **146.66 (-)** and 70 Cmeters: **442.70 (+)**

### Voice Mail:

For late-breaking news or to leave the club a message, call our 24-hour voice-mail line at **(972) 272-4499**.

### Information Net:

GARC Information Net: held every Monday at 7:30PM on 146.66 (except for meeting nights and holidays). The net features current events, "swap shop", and a technical information exchange. All area hams are encouraged to check in. All members are encouraged to volunteer to be net control for this net. Contact the GARC communications officer, Mark Durbin ([kc5gng@qsl.net](mailto:kc5gng@qsl.net)), if you are interested.

### Internet:

Information on the GARC can also be found on the world wide web address below:  
<http://www.qsl.net/garc/>

The web site includes a map to the monthly meetings, classes, links to local public service events, and other items of interest to the hams in the Garland area.

### Newsletter:

The Arclite is published monthly for the members of the Garland Amateur Radio Club. The contents of this

newsletter are copyrighted the date of publication, but may be reprinted without permission in any Amateur Radio Publication provided proper credit is given and the motive is the advancement of amateur radio and not for profit.

The deadline for Arclite materials is the 2nd Monday of each month. If you have any informative or educational articles that you would like to see included in this newsletter, or if you have items to be included in the GARC calendar, please send it to the Arclite editor.

Arclite Editor, 1027-B West Austin St.,  
Garland, TX 75040

or emailed to the Arclite Editor at [ady@yodertronix.com](mailto:ady@yodertronix.com)

### Membership:

Membership forms are available at the GARC monthly meetings and on the GARC web site. Once the membership form and dues are submitted, new members are voted in at the next GARC monthly meeting.

The GARC membership roster is distributed to GARC members only and is included twice a year in the Arclite. It is not to be used for any commercial purposes.

To submit changes to the GARC roster (such as change of address, updated phone numbers, license upgrade, etc), send them to the GARC secretary, LD Carpenter (K5LD) at [ldcarp@flash.net](mailto:ldcarp@flash.net)



Garland Amateur Radio Club  
Emergency Communications Center (ECC)  
1027 B West Austin Street  
Garland, TX 75040



*Please Rush!!!*

Reminder

The last Friday of month is Hidden Transmitter Night