

CARC
Membership Meeting

Tuesday 23 July 2024 5:30 PM

The Meeting will be at
Woodcreek Church Richardson TX
(and via Zoom)

Annual Ice Cream Social

Annual Ice Cream Social

The CARC Annual Ice Cream Social will be held on Tuesday, July 23rd, at 5:30pm at the Collins Amateur Radio Club's monthly meeting at Woodcreek Church, 3400 E. Renner Rd, Richardson. We will be streaming the event via Zoom, but, no formal meeting is planned. We will not be



monitoring the attendance via Zoom, so if you check in on Zoom, please send a CHAT message to indicate you joined in.

This is a great opportunity to invite Collins hams that work near you who aren't members of CARC, or for Ham Wannabees. There's no charge for visitors, so bring someone along. If you're a Collins (whatever flavor) Retiree, invite another retiree who's a ham or might want to get their license.

As is customary, we'll have several delicious Blue Bell flavors, especially some of the newer blends. Come to the Social, enjoy some delicious ice cream and trade tall tales. We hope to see you on the 23rd.

Also candidate QSL card designs will be presented for review and discussion (prerequisite for ice cream)!

CY9C

St. Paul Island DXpedition Taking Shape

CY9C --> The DXpedition to St. Paul Island [425DXN 1730] will run six stations on 160-10 meters and one station for VHF/UHF/EME and satellite. At any given time, a mini-mum of three stations will be using the new SuperFox FT8 mode.

All antennas will be monobanders, with the exception of 12/17 meters, which will use a duo-band beam with a diplexer.

The team will assemble in Dingwall, Nova Scotia, on 24 August. Radio operations will commence on 26 August and conclude on 5 September; both dates are weather-dependent.

Two helicopters will transport all gear and operators to/from the island, making this the most expensive St. Paul Island operation ever. As "getting permission for these sensitive areas is becoming increasingly more difficult each year," this could well be the last St. Paul Island operation for many years to come. Financial contributions are gratefully accepted; see <https://t-rexsoftware.com/cy9c/> for information.

Source: 425 DX News #1731 dated 6 July 2024

Bill Engel, K5DHY, of Murphy and a member of Garland ARC, is part of the CY9C support team. He was a member of the "on-island" operations team on a previous DXpedition.

73 de KR1ZAN

Field Day Report

N5CXX operated field day from the club shack this year, operating two stations on emergency power. The total number of contacts was 1662: (CW-757, USB-709, FT8-196).

Milt (AD5XD) and Jim (WB0UNI) operated phone on Saturday, and Dennis (WA8ZBT) worked his magic on CW Saturday and Sunday. Mike (WD5TX) operated mainly FT-8 and some phone both Saturday and Sunday. Overall, it was a very successful field day.

CARC LEADERSHIP			
PRESIDENT		VICE-PRESIDENT	
Mike Montgomery	WD5TX	Bill Fell	KK5PB
president@n5cxx.us		vp@n5cxx.us	
SECRETARY		TREASURER	
Jim Brown	AF5MA	Mark Dempsy	N5MD
secretary@n5cxx.us		treasurer@n5cxx.us	
ACTIVITIES CHAIRMAN		IMMED PAST PRESIDENT	
Frank Krizan	KR1ZAN	Bill Swan	K5MWC
activities@n5cxx.us		Director@n5cxx.us	
STATION TRUSTEE		NEWSLETTER EDITOR	
Mike Montgomery	WD5TX	Jim Skinner	WB0UNI
trustee@n5cxx.us		newsletter@n5cxx.us	
MEMBERSHIP		WEBSITE MANAGER	
Bill Fell	KK5PB	Mike Hollingsworth	W5QH
membership@n5cxx.us		webmaster@n5cxx.us	

Hall are located on the east side of the church building, with big signs by the entrance door. Contact Janet Crenshaw, WB9ZPH at 972.302.9992.

Plano testing is on the third Saturday of each month, 1300 hrs at Williams High School, 1717 17th St. East Plano. Check Repeater 147.180+ for announcements.

Richardson The Richardson Wireless Klub (RWK) VE team hold license testing on the third Thursday of each month at St. Barnabas Presbyterian Church, 1220 West Beltline Rd. Testing begins at 1900 hrs in room 12. Enter through the Northern most door on the east side of the church building. For further information contact Don Klick KG5CK. 972.464.2889 or E-mail rwkhamtest@gmail.com.

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VE SESSIONS

The Northeast Metro ARRL License Testing Group will hold testing sessions on the **first** Monday each month (except holidays) at the Garland Amateur Radio clubhouse in downtown Garland TX, 1027B Austin St., Garland TX 75040 beginning August 2023. Time 6-8pm. All who want to test for an amateur radio license are welcome. You will need **photo ID, FRN from FCC** and **\$15.00 correct cash**. All forms, etc., will be provided by testing group. You can reserve a seat by calling Kerry Weeks at 214.478.3230 or email at weeks.kerry@gmail.com in advance of the test.

Dallas tests are held on the fourth Saturday of each month at 1000 hrs. 13350 Floyd Rd. (Old Credit Union) Contact Bob West, WA8YCD 972.917.6362

Irving tests are held on the third Saturday of each month at 0900. Fifth and Main St. Contact Bill Revis, KF5BL 252-8015

McKinney VE test sessions are held at the Heard Museum the first Sunday of the month. The address is 1 Nature Place, McKinney TX. The time of the testing is 1430, ending no later than 1645. **Note: no tests given on holiday week-ends.**

Garland testing is held on the fourth Thursday of each month, excluding November, and begins at 1930 sharp. Location is Freeman Heights Baptist. Church, 1120 N Garland Ave, Garland (between W Walnut and Buckingham Rd). Enter via the north driveway. A HUGE parking lot is located behind the church. Both the parking lot and the Fellowship

President's Message

I hope that everyone is doing well and that all were able to enjoy field day. N5CXX operated field day from the club shack this year, operating two stations on emergency power. I was able to get the generators and the propane kits (thank you Kerry and Mark for coordinating so that I could get the equipment) and installed the propane kits on both generators. I changed the oil and replaced the spark plugs on both generators. One generator was able to power the entire shack during field day. We used one generator on Saturday and one on Sunday just to get some time on both of them. I was impressed with how well they performed on propane.

Thank you to Frank (KR1ZAN) and Steve (K6JT) for copying and providing the ARRL bulletin. Milt (AD5XD) and Jim (WB0UNI) operated phone on Saturday, and Dennis (WA8ZBT) worked his magic on CW Saturday and Sunday. I operated mainly FT-8 and some phone both Saturday and Sunday. The total number of contacts was 1662: (CW-757, USB-709, FT8-196). Overall, I think we can call it a successful field day.

Until next month,
Mike Montgomery
WD5TX

Vice-President's Report

No members paid renewal dues this month or updated their information. No challenge coins were purchased at the general membership meeting. We have 67 challenge coins in

inventory currently. I will have challenge coins available for purchase at \$5 each at the July general membership meeting.

Membership Status:

- Current Active Memberships = 53
- Inactive Memberships = 22
- Full Members = 38 (includes life and retiree members)
- Associate Members = 15
- New/renewed Members = 0
- Members moved to Inactive Status = 0
- Expired memberships awaiting renewal = 0

Continuing membership is important to the CARC. Through the skills and experiences of all our members, our club provides fellowship, education, and service opportunities. If you have questions about your membership status or other membership-related questions, please contact me. Thank you to all of our members for your support and contributions to the CARC.

73, Bill, KK5PB

Secretary’s Report

18 June 2024

President Mike Montgomery WD5TX called the meeting to order at 1736. The meeting was held at Woodcreek Church in Richardson, with Zoom access for those who could not attend in person.

The following were present at the meeting site:

Jim Brown	AF5MA
Dennis Cobb	WA8ZBT
Wayne Collins	KI5YOQ
Gene Duprey	K1GD
Mark Dempsky	N5MD
Bill Fell	KK5PB
Frank Krizan	KR1ZAN
John McFadden	K5TIP
Mike Montgomery	WD5TX
Jim Skinner	WB0UNI
Kerry Weeks	K5WKS
Milton Withers	AD5XD

One member logged in via Zoom:

Clarence Sebesta	K5YO
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Recognition of Members Present, New Members and Guests

All members present were asked to introduce themselves. There were no guests in attendance.

Officer and Committee Reports

The Vice President’s and Secretary’s reports were published in the June 2024 CARC Newsletter, and the Treasurer’s report is available on the Members Only page of the CARC website. No clarifications or updates to these reports were offered at the meeting.

Old Business

There was no old business.

New Business

There was no new business.

Announcements

Activities Chairman Frank Krizan announced that the annual CARC ice cream social is scheduled following the July General Membership meeting.

Adjournment

The meeting was adjourned at 1746, followed by a discussion of Club activities planned for the upcoming ARRL Field Day led by President Mike Montgomery.

The Club will operate from the Club radio station within the Collins Aerospace facility, but radio equipment will be powered from the Club’s portable generators to be located just outside the facility. Mike requested that all members without Collins Aerospace access who wish to participate submit requests to him immediately; approvals and escorts will be arranged to the extent possible.

Minutes of CARC Board of Directors Meeting

9 July 2024

President Mike Montgomery WD5TX began the informal pre-meeting workshop via Zoom at 1901.

The following Board members logged into the meeting:

- Mike Montgomery WD5TX, President
- Bill Fell, KK5PB, Vice President
- Jim Brown AF5MA, Secretary
- Mark Dempsky, N5MD, Treasurer
- Bill Swan K5MWC, Immediate Past President

One non-voting CARC member also logged in:

Frank Krizan KR1ZAN

Topics addressed included:

Mike Montgomery reviewed the results of the CARC's very successful Field Day last week. The Club radio room was powered for the event from a single propane generator. Details will be published in the next newsletter.

The Board discussed preparation of CARC QSL cards. Funding has already been approved by the Membership. Mike Montgomery offered to seek source artworks from contacts in Cedar Rapids and Jim Brown agreed to put together drafts for review and discussion at the CARC Ice Cream Social later this month.

The repository for all Club account information and passwords, as proposed at a prior meeting, was discussed briefly. Board members agreed to submit specific changes and additions by email in preparation for another draft to be reviewed at the next meeting.

Formal Board Meeting. As there were no formal actions proposed in the workshop, no formal Board meeting was called. The meeting adjourned at 1942.

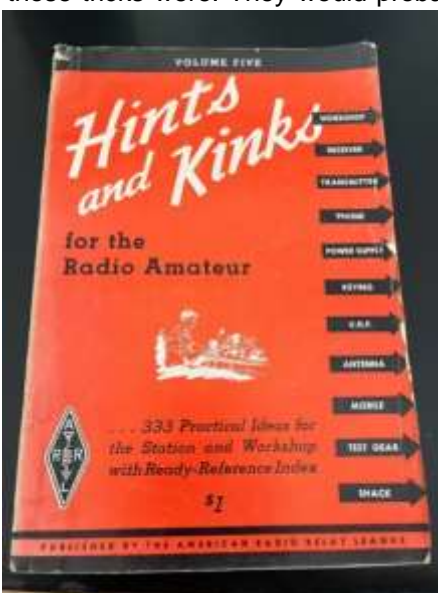
I Wonder??

Bill Swan K5MWC

I wonder if Hints and Kinks that was published by ARRL still exists. The original Hints and Kinks publication that captured my devoted attention in 1957 and for years thereafter was a separate publication where other hams shared their little tricks of the trade with others. What was so interesting was how simple and based on common sense some of those tricks were. They would probably not be nominated

for a High Tech award but darn if they did not work. How to wind an antenna coil easily, how to build a solid base for your key (that is a CW key, not an encryption key), how to easily string coax from your shack to the antenna, how to use the BFO control on a Hallicrafters S-38D receiver, how to install and operate a SB-10 Single Sideband Adapter to your Heathkit

Apache, some ideas on station layout and helpful accessories and the list goes on and on and on for many decades.



Well, I need not wonder anymore. Yes, the Hints and Kinks is alive and well although today it is called Hints and Hacks and included in a column in QST. The ARRL is offering a 19th edition of Hints and Kinks for the radio amateur as a separate publication that contains entries from 2012 to 2016. Over 250 projects are included. Wow, if there were more than 250 projects that were selected from that four-year period, I wonder how many have been published since 1957 or earlier. In the words of ARRL, "If you're looking for solutions to everyday problems, devised or discovered by your fellow radio amateurs, you'll find it here." I could not find an example of the magazine from 1957 but I did find one from 1954, courtesy of eBay. Up until 1959 or so, this was the look of Hints and Kinks. Somewhere in that period the publication took on a format similar to QST and was about the size of QST at that time. If you are interested in a modern article under the Hints and Hacks column, look at page 52 and 53 in the July 2024 issue. It is good to see that the spirit of sharing is still alive and well in amateur radio.

So while I wondered if Hints and Kinks is still around and since the answer is Yes, it reminds me that the core strength of Amateur Radio is not only the fun, technology and seriousness of our service but the willingness to share, to help and to assist our fellow hams. The CARC is built on just such strengths as we trace our legacy back to Collins Radio and the emphasis on quality, team spirit and innovation that was what the company was known for and which continues today even though the name and business models have changed.

A challenge for us, if you have a "solution to an everyday problem," send it along to Jim Skinner, our newsletter editor. Who knows, you may have just provided a solution to a fellow ham that was just needing a solution to a problem they were having. A great example would be an article on how the Honda generators were effectively used and the results experienced during field day that would be valuable to someone planning a POTA activity, for instance. Who knows, we may even have enough solutions to have a regular section in our newsletter.

I wondered if Hints and Kinks is still published, and the answer is Yes. It is, and the value is still high. What is your solution to everyday problems??

Are you trying to pick up your CW speed? Here is some info.

by Mike Weir, VE9KK (Monday, July 8, 2024)

Are you giving it all you've got but you seem to be held at a CW speed between 10 – 13 wpm? What's happening? First off, there is nothing wrong, and this is normal even better if you're ready to jump to the next step in learning CW. Here is the thing: As you improve and your CW speed picks up

the time it takes to recognize each letter speeds up as well.



When you are in the 10 – 13 wpm bracket your time to acknowledge the letter collides with the next letter coming at you. This is what hampers you from getting to the next CW milestone.

So what to do? It's now time to move to the next level of CW, and that is instant character recognition, or ICR as it is called. Did

you know that most of you at this very point in time can have code sent to you at 38 wpm and you can decode it? WHAT you say.... have I been drinking? Most of you, if I sent "CQ" at 38 wpm you would know what I was sending. How about "73" again most of you would understand at 38 wpm what I was sending to you. When both CQ and 73 were sent at that speed you knew it because you were practicing ICR. At that speed, you were not hearing C and then Q and putting it together but you knew the sound of CQ or 73. This is what ICR is all about. Knowing the sound of each letter (later you can dive into words and phrase sounds), it's important to not just skip to common CW QSO phrases and words. I say this because to instantly know the letters and number is important for copying call signs, QTHs and names.

How does one start up the ICR ladder of code? Well it's very fast and easy and I mean fast. You need to speed things up so you're only able to hear a sound and not dots and dashes. Just like CQ at 38 wpm, you hear the sound, not each letter or the dots and dashes that represent each letter. At first your brain is going to wonder what you are up to as it is used to only working at 10 - 13 wpm and the method used to convert dots and dashes to letters or numbers. Now it's a rhythm your brain is being exposed to.

I started by using a program where I could control the letters I wanted to know the rhythm of and start with easy ones to start tuning the grey matter. Look at a program such as Morse Code World that allows you to practice letters of your choice at the speed of your choice. At the website click on CW generator. Once there enter the letters/numbers you want to learn. Now click on the Morse controls button and set your speed. The letters I started with were E, T, C, I, K, M, and O. I entered each letter eight times and then on the next line eight of the next letter. See below:

E E E E E E E E

T T T T T T T T

C C C C C C C C

Set the speed at 18 – 20 wpm and hear the rhythm of the letters and not dots and dashes. I enter about 3 - 5 letter groups and give it a go for a few days. Now don't write down what you hear but just go over it in your mind what letter it is. Then change it up by mixing these letters up and try again; don't look at the page of letters and don't write it down. Just listen to the sound and in your head say the letter. Your brain will start to pick up the new challenge you are giving it and, yes, when you hit H, 5, S or B and 6 your brain will reply "Say what?" but your brain is very powerful and soon will pick up these letters even when you send H, S, B, 6, V and 4.

As with anything you learn, it is a journey; just remember to always enjoy it and never forget how far you have come along. Enjoy your next adventure of ICR.

Article used with permission of the author, Mike Weir, VE9KK, who writes from New Brunswick, Canada. His blog is available at <https://ve9kk.blogspot.com>

(Submitted by Frank Krizan KR1ZAN)



For those members working on Club projects, events or activities, a check request form for reimbursement of expenditures or for funding advancements is now available in the Members Only section of the n5cxx.us website. The form is entitled "Collins ARC Check Request Form." It is located in the "Business" table near the top of the section.

The Club Treasurer requests that this form be used for standardizing funding / reimbursement requests. Questions about any part of the form should be addressed to treasurer@n5cxx.us

If you don't know the access codes for the Member's Only section, contact the webmaster at webmaster@n5cxx.us.

Search Is On for a New Activities Chairman

Life situations change, and I must regrettably announce that I will not be able to continue as Activities Chairman beginning in 2025.

The job of Activities Chairman primarily involves arranging for monthly speakers for our Club meetings and encouraging teams to participate in operating activities. I have handled the job of lining up speakers since 2018 and won't be able to beginning in early 2025, so it is time for someone to step in and accept this important task.

Programs are already lined up for 2024 (yes, there are a couple of TBDs, but I'm waiting for confirmations from potential presenters). By the time we get to 2025, half or more of the months will be lined up, too.

The sooner someone can step up and accept the job of Activities Chairman, the sooner I can work with that person in learning the ropes. It's not that hard and is very satisfying.

If you'd like to discuss the job with me, email me at frank@krizan.org or call 214-563-6679.

73, Frank KR1ZAN

CARC Community Service Activities

Siren Testing Dennis Cobb WA8ZBT and Jim Skinner WB0UNI participate in the Richardson outdoor warning siren testing. The July 2024 test was conducted on 3 July. All sirens were fully functional! The sirens are monitored by amateur radio operators and reports made using the Richardson Wireless Klub (RWK) repeater at 147.120 MHz. Siren testing occasionally uses the University of Texas at Dallas (UTD) repeater at 145.430 MHz, as backup. The Garland Siren Test was also conducted on Wednesday, July 3rd, on the Garland ARC 146.66 MHz repeater. Participating in the test was CARC member Frank Krizan, KR1ZAN..

Crime Watch Patrol Jim Skinner WB0UNI participates in Richardson Duck Creek Crime Watch Patrol (CWP). CWP members, after successful completion of Richardson Police Department training, patrol their neighborhoods and report



Here are the meetings we have lined up for the rest of 2024 and for a couple of months in 2025. There are two open slots, so if you'd like to give a presentation or have a suggestion for one, send your ideas to frank@krizan.org.

Jul 23 - Ice Cream Social

Aug 27 - Fox-Plus and the active ASCENT Projects - Jonathan Brandenburg, KF5IDY

Sep 24 - Magic Band Revealed - 6 Meter DXing - Jim Wilson, K5ND

Oct 22 - "Why Contest? - Eric Silverthorne, NM5M, and George Perkins, N5UI, of the DFW Contest Group

Nov 19 - Annual Meeting / Elections and "fldigi - the Ham's Digital Toolbox" - Frank Krizan, KR1ZAN

Dec 10 - CARC Christmas Dinner - Aboca's Italian Grill

Jan 28 - Show and Tell Night

Feb 25 - ARRL Night

Upcoming Events

Daily	DFW Early Traffic Net (NTS) at 6:30pm 146.88 – PL 110.9Hz
Daily	DFW Late Traffic Net (NTS) at 10:30pm 146.72 – PL 110.9Hz
Daily	Texas CW Traffic Net at 7:00pm on 3541 KHz and at 10pm on 3541 KHz www.k6jt.com
Tuesdays	Collins ARC Drive Home Net. 442.8 (+5) MHz, PL=110.9 Hz (K5QHD repeater), 5:30-6:00pm (no net 4 th Tuesday.)
1st Wednesday	Richardson Emergency Siren Test. At noon using the Richardson Wireless Klub (RWK) repeater at 147.120 MHz.
2nd Wednesday	ARES North Texas HF Net Every month—3860 KHz at 8:30 pm—9:30pm
AUGUST	
3-4	222 MHz and Up Distance Contest. Work as many stations as possible on the 222 MHz through 241 GHz bands using any allowable mode. Begins at 1800 UTC Saturday and ends at 1759 UTC Sunday. Details at http://www.arrl.org/222-mhz-and-up-distance-contest
17-18	10 GHz & Up – Round 1. North American amateurs work as many amateur stations in as many different locations as possible in North America on bands from 10-GHz through Light. Operations may take place for 24 hours total beginning at 6:00 AM local Saturday through 12:00 midnight local Sunday. Details at http://www.arrl.org/10-ghz-up .
24-25	EME - 2.3 GHz & Up Contest Objective: To work as many amateur stations as possible via the earth-moon-earth path on any authorized amateur frequency above 50 MHz. Details at http://www.arrl.org/eme-contest .
SEPTEMBER	
14-16	September VHF. Objective: amateurs in the US and Canada to work as many amateur stations in as many different 2 degrees x 1 degree grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada may only work stations in the US (and its possessions) and Canada. Begins 1800 UTC Saturday and ends 0259 UTC Monday. Details at http://www.arrl.org/september-vhf
21-22	EME - 2.3 GHz & Up Contest Objective: To work as many amateur stations as possible via the earth-moon-earth path on any authorized amateur frequency above 50 MHz. Details at http://www.arrl.org/eme-contest .

Excerpt from Jack, W5TFB's Book-

Jack and Mae do some more fancy cooking and begin to work on some math problems.

Wednesday 28 November I woke up in a bad dream. I think, it is vague, that Mae caught us being intimate in her bed. After waking up, I thought about it. If Mae is who I think she is, she would say something like, "When you are through being silly, wash up and come down. Dinner will be ready in ten minutes." She didn't say anything in the maybe dream, no one did. I slept again.

Sue was still next to me, but facing me. Somehow we had figured out a way to cuddle face-to-face without crushing anyone's arm.

Later, about 6, she was awake, and kissed me before I knew I was awake. Then she rolled over. I held her and cuddled. I didn't tell her about the dream. I couldn't imagine what her reaction would be. Let sleeping dogs lie. This might be a sleeping tiger. Anyway I knew it had no importance, and it was my dream. I went back to sleep.

Not for long. The clock woke me up at 7. I don't own an alarm clock. I got up, dressed, and went to the kitchen. I was in the mood for crepes, so made the batter using ice cubes instead of cold water. That way it would probably not need to rest in the icebox. I felt like a walk, so I went to the garden and walked all the way around it. I saw that there was plenty of tender spinach, so I cut a bunch.

I returned to the house, saw 730. I decided to make crepes with a spinach filling. I washed the spinach, then chopped it, put in a strainer in boiling water for a minute, and dried it on a towel. I put butter, half-and-half, grated Swiss cheese (I guess Sue got some or 'found' that which she hid), flour, and nutmeg in the food processor, blended that on high for a minute, then added the spinach and pulsed that several times to mix it. (I used the same appliance as I did for the crepes without washing it, but crepe batter is thin so not much remained.)

The filling was as stiff as the batter was runny, so I heated it in the microwave until hot. Counting everything it takes 2 minutes to make one crepe. I didn't find a crepe pan but there was a small cast iron skillet that was well seasoned. I started turning them out at 745 and had a nice stack of eight when Sue came in. I don't use a spatula, just shake the crepe free of the skillet and use my fingertips to turn it over. I never got the hang of flipping things over using the pan, especially a heavy cast iron one.

Sue was thrilled. "I haven't had crepes since France. Marie loves them too. What's for stuffing?" I brought it to the table in a serving dish with a large spoon. She dipped her pinky in and tasted it. "Oh this is wonderful, creamy. The spinach flavor is not overrun by the cheese. I see you found the Swiss cheese. As long as no one is harmed it is fun to be

wicked." She could talk and roll a crepe around the stuffing at the same time, but when she ate she did not talk.

"Mae knows how too. That 'Where will Jack sleep?' was deliciously wicked."

"Yes, I suppose it was. It was much better than cute or witty. Since you have been here her wit has sharpened."

I said, "Mae could taste the off flavor of the cheddar. And I can make much better crepes, but I didn't have time."

I poured a scant quarter cup of batter and spread it around. "I forgot to make coffee. As soon as I finish these I will."

Sue said, "No, I'll make it. I need to slow down else there won't be any for you and Marie."

Mae came in and asked, "What's for Marie? Oh, my! Crepes!" She gave me a look. "You?" I nodded yes. "We'll see. I'm hypercritical when it comes to crepes."

Sue said, "I think you will be surprised."

Mae stuffed one and went over to the stove to watch. I was about to flip one. "You use your fingers?"

"Well, I washed my hands. "But doesn't it burn?" "No. Sue can tell you why." Sue glared at me, which meant, I believe, 'Someday you're going to do that and I won't be able to deliver.'

To Mae, "The crepe is hot but it doesn't contain much heat. The skillet does, but notice how he slides the crepe up the side until it comes away from the side a little, from its own weight. Then he brings up in a circular motion and puts it down on its back."

I added, "Next year you may learn a little thermodynamics in physics. Hot things do not always burn. Water at 180 will make blisters. Air at 180 does feel hot, but an exposure of the same duration will not harm you."

Mae was eating, but took a breath to say, "I hadn't noticed Jack's technique to avoid contact with the skillet."

"Sometimes I do meet the hot skillet, but just my fingernails."

The coffee was made and I brought the rest of the crepes on a separate plate, 13 in all. The test crepe was perfect so I didn't have to modify the batter.

Sue and Mae were having a contest. I thought Sue was joking, but there was a good chance I wouldn't get any. I suppose that was a compliment. I wasn't really hungry. I poured the three of us coffee and slid in beside Sue. She asked if I wanted a taste, I nodded, and she gave me the rest of one she was eating, about two inches. It was good. No wonder they were eating so furiously. Mae asked, "How many eggs? Milk and water? You must have started this at 5 for the crepes to be so light and tender."

“Four eggs. I put a cup of milk in a 2 cup measuring cup and filled it to 2 cups with ice cubes. That way the batter doesn’t have to rest for so long since the gluten will not make elastic strands if it is cold. I use two cups of white flour and 4 T of butter (unmelted) and mixed it in the food processor with the steel blade. On high, one minute. I only use

1 t baking powder. To use more makes it taste salty to someone who doesn’t use much salt.” Sue said, “They are better than any I had in France.” Mae agreed. “Perhaps, but you wouldn’t want them every day. Both the crepes and the stuffing are high in fat. Also, fresh eggs and spinach in the garden an hour ago have to be better than you would expect any chef to have.” They did eat every one.

Mae noticed it was 8:33 and said she had to run, and did. “You didn’t get any.” “I had a taste. I thought it was good, and that’s all I really wanted to know. The idea of using ice instead of cold water is new to me. I’ve never heard of that, nor have I done it before, but I understand how the protein makes long elastic strands and that if it is too cold the weak hydrogen bonding between molecules will proceed slowly, certainly nothing significant in a minute. I only had 40 minutes to make the batter, but if it didn’t work I could add a cup of flour and make pancakes, and no one would have known. I don’t count. They would have been good, extra egg pancakes. The stuffing would keep well in the icebox.”

Sue said, “I think Marie is revising her ‘almost as good a cook as me’ estimate. I sat right across from her, and she had a ‘I have died and gone to heaven’ look on her face. She could have eaten all thirteen. So could I. I had to fight it off, trying not to eat like a starving dog. That pleasant surprise was a big hit.”

There was about two tablespoons of stuffing left, and I told Sue she might want them. “There’s not enough to put away.” I didn’t have to ask twice.

“I have a question.” I nodded. “About cooking: Four times I know of, you tried something new, but had a fall-back position in place in case it didn’t work. Are you always that flexible?”

“In cooking, yes. Even things that have worked in the past may not work today, but when trying something new I keep in mind the current state of the process and think what it can make if a new thing didn’t work.”

“How did you know we would love crepes?”

“That’s easy. You spent six months in France. Even the short time I spent there educated me about the joy of crepes.

“These are not my best. I can do better with buckwheat flour. It is naturally low in gluten and is just slightly bitter. I would rather not use wheat flour which has had the gluten removed by some process I do not understand.”

Sue asked, “Would you like a short walk? I have some work to do and will be gone all afternoon. I know you can feed Marie; she will eat anything you cook, no questions asked. I will eat out for lunch, although I hate business lunches. I will be back no later than 8. Don’t hold dinner for me. It may be a lot earlier, I will try.”

“Yes. This morning I walked around the garden. It might be fun to walk around your woods. It is a mile counting the walk to the house.”

“It is hard to believe, but I have never done that. Let’s.”

On the way I asked, “I don’t see what your forest has to do with anything, or your meadow for that matter.”

“Fair enough. I’ll let you read the proposals. It’s all laid out there. I have a knack for writing proposals. They are filed in the top drawer of that filing cabinet in the library. Your badge opens it.”

We reached the woods. I decided to experiment. The first was to see if I could, at any time, see the grapevine or the open field beyond. The second was to understand the repeating acres.

The ground here was torn up by heavy trucks. I asked about that, and Sue said, “A lot of the planting had to be done in the rain. I could have this disked and then leveled, but no one ever walks here. The tractor has no problem.”

I found the first repeat, a row of yaupon holly and another I didn’t know, between the big trees. I never saw through the woods. They were right after the triangular blackberry patch. I could see magnolia and live oak trees, a number of trees with bark that looked like pecan. I was really curious now what that proposal proposed to study.

In another five minutes we were at the back and then to the other side where the grapes and meadow were. “Can we walk in the meadow?”

“In a few years you will have to, but now we can walk between the woods and the grape vines. I like to stay off the meadow, although various critters walk on it, especially at dawn and dusk. I have pictures.”

“I tried but at no time could I see through the 200 feet of woods.”

“That is by design. The plants are OK now, but in ten years will be overcrowded. A number of the plants that reproduce by root extension or dropping fruit have babies, which at first grow faster than the parent. The tall trees will never be overcrowded, although at maturity their canopies will touch.”

I said, “I think I may see where this is going, but I want to read the proposal. This must be a long-term project so it cannot have you as a key player.”

“Read the proposals today. I don’t have time to explain.”

There's nothing like almost half a mile of dormant grape vines and cyclic woods. Try it sometime. I've had my turn. We left the woods and entered the house. Sue got all business dressed and had to go to a ten o'clock meeting in the CEO's office. I didn't know what was going on, but it upset her a little yesterday.

I went upstairs and used my badge to enter the library. All of the rooms upstairs except the restroom and broom closet had optical scanners for the badges, even the bedrooms. I didn't know it but from the beginning I could get in Sue's bedroom. Out of curiosity I tried it and it worked. I tried the door to the offices downstairs and it didn't work.

In the library I looked around for something. They had a few math books, mostly textbooks, that were not in the business section. I remembered they held that 19 volume collected works of Poe, so I decided to refresh my memory, found the volume containing the Narrative of A. Gordon Pymm, a longish short story that Poe said was to be read as a poem, even though it violated every one of his rules in The Philosophy of Poetry. I first read it sixty-two years ago, found it was fantasy for which I have no patience. I read even faster now, and nothing in the story turned me around. Modern stories must have plausible physics or explain why it doesn't matter if they expect me to read them.

But there was some poetry I had not read. No one else was in the library, so I walked over by the windows, put the heavy book on the pull-out shelf, and read it aloud. I must stand when I read poetry. I may be wrong about the sounds of English and Carroll. This one gave the edge to Poe.

I put the book back and went to the kitchen to inspect the pantry in more detail. I didn't have anything in mind, was just window shopping. It was organized in a mysterious way, seemingly random. That is one of those 'If it works, it works. Don't fix it if it ain't broke.' things that come up now and then. I got a good feel for what's there.

I was restive, clearly floundering, don't like the feeling, I need to have a sense of purpose. I think I knew what was going on. I was concerned about Sue, but my concern was undirected. No wonder, I was lost in an informational vacuum. I had thought about this before and was puzzled. Sue needed to have some confidence in my discretion or send me away.

I had only one hint. She had said, "I don't know why I do this." If I were to say that it would mean I am at least considering not doing it any more. The setting indicated it was about her company. I don't know anything about business. However, if it were trouble with the company itself, then why a business lunch? She had complete control of the company, which had already shown a profit for the year.

The only thing I could come up with is that someone wanted to buy her company. That could be troubling. This was her baby. If the offer were too low then that would not cause her

to say what she did, but if the offer were more than the company is worth, then she would have a major conflict. There are other reasons for thinking that. Her company had grown by at least 4 doublings by now, probably more counting additional equipment owned. I guessed no more than 40 million. If someone offered her 50 million I can see how that would be a problem. And if the someone just wanted to eliminate her as a player it could be twice that. Even ten times. Tycoons, like politicians, with an itch they can't scratch are sometimes a little crazy.

I remembered then that I had some homework, so I went back to the library and got out the proposals. There were two legal sized manila envelopes. I opened the one entitled Meadow. Out fell two documents. The first one established a non-profit cooperation with three directors from LSU, one each from USL and Tulane, and the Parish Ag Extension Agent. There was a lawyer, too, not voting but paid a retainer from a trust. The rest were paid expenses only. Sue was not on the board. The trust was named but nothing was in the envelope to describe it.

Next was the proposal itself. The point of the non-profit was to preserve and protect wild grasses from south Louisiana, including a seed bank. It specified that plants were to be collected from every parish south of the thirty-first parallel in proportion to their area, and transplanted to a one acre plot 2100 feet by 21 feet donated to the corporation by Sue. It went into a lot of detail about access to the land and stuff like irrigation (there would be none except when the plant was transplanted), even how the seeds were to be gathered. The EPA, which funded the project, was to collect the seed and arrange for their storage.

The second one was labeled Woods. It also had a document setting up a non-profit, and the proposal itself, which specified the exact mix of trees and shrubs and their location. The purpose was to study tree growth and productivity in a diverse planting, to compare it to monoculture planting. The trees were selected from a list of 30 native trees; 18 that were commercially available were listed to be purchased. Here Sue was to donate 9 acres, and was not in the loop otherwise. The Louisiana Forest Service funded the experiment, and was to oversee all activities in the woods including measurements and data collection.

Crazy? No. She got woods and meadow and a tax write-off, and a reduction of the land she had to pay taxes on. All she had to do was keep records of what she gathered for her own use. I finally saw what was going on, which I would never have guessed. I'm surprised she didn't try to do the same thing with her vegetable garden. For all I knew she did.

I put the documents back in the filing cabinet. I guess I was calmer now. Having to read around the legalese is never easy for me, and finishing a hard task usually relaxes me. I decided I wanted a nice dinner with just Mae and me. I also

wanted Mae to show me how she cooked the broccoli. That got sidelined somehow. Oh, I remember, the gumbo. We were hungry, the aroma will do that.

I drove to The Fish Man's. I bought sea bass, about 4 pounds, and had him fillet it. I didn't want that much but he refused to cut the fish. It freezes well. I was going to make sea bass braised in a spicy sauce. Everything else came from the garden. Counting everything it would be ready in 30 minutes if Mae would make the broccoli dish. I would watch. Besides the broccoli and salad I would serve baked stuffed tomatoes. They would be better if prepared for baking the day before, but at room temperature the aging/blending of flavors is quicker. The nice thing about this is that if Sue comes back sooner there will be plenty. I was missing her. I've always wondered what causes that. Is it even real? Sure feels real.

I noticed Mae in the library, entered to tell her I would go for a walk, and asked if she needed any help.

"Yes. I have to prove that a number is divisible by 3 if and only if the sum of its digits is divisible by 3. I believe it is true but don't know how to get started."

"Want a hint?" She nodded.

"What happens when you divide a power of ten by 3? What is the remainder?" With that I left.

I had decided to walk down to the docks and back. One advance did result from the walk. I finally decided firmly not to mention my guess to Sue or Mae. Mae almost certainly knew more than I did. (It's hard to know less.) Mae would probably think I was trying to tease something out of her, and it might just work, but if I had to get it that way I didn't want it. If Sue told me it wouldn't be right to tell her I had figured it out. It might be right much later.

I turned the gas oven to 350°. When it reached temperature I put in the fish, and 15 minutes later the stuffed tomatoes.

Mae came down and saw that I had cut the florets off the broccoli stalk. She put a cup of white wine (Chablis, although any dry white wine would do) in a Pyrex measuring cup and heated in the microwave for 3 minutes. While that was happening she got a skillet just big enough to hold the florets, put two T of butter and a quartered clove of garlic in, and just slightly browned the garlic. She discarded the garlic and sprinkled 5 t flour and stirred that around with a chopstick. When it was just turning light brown she put the hot wine in all at once. The sauce was thick, and she dribbled in hot water until the sauce coated a spoon. Then she added the broccoli and cooked slowly, tossing often but otherwise covered. When the broccoli was tender, she put it in a hot serving dish and into the warming oven. Nothing cools faster than broccoli. I think I have mentioned this before. It bears repeating.

While this was happening I washed, dried, and tore the lettuce and assembled the other items to make the salad. I had three bowls and plates in the warming oven, added the beaten egg to the soup and the green onion tops, and served that. I turned off the warming oven and gas oven, leaving the door cracked open. We sat to eat at 6 sharp. I asked, "Did the hint help?"

"Yes, but it took a while to realize what you were getting at. You can prove the same theorem with 9 instead of 3, using essentially the same proof. I think there is something going on there that goes beyond this as a divisibility test."

"There is. I'll show you when you have half an hour. If you want to know everything, a day, or 24 hour-long lessons. You will do a lot of the work."

We were half through with soup when Sue came in. She smelled the food, came to the kitchen. Mae handed her the menu and I asked if she would join us, there was plenty. Mae set a place for her. Sue said, "Let me shed these awful clothes. I don't need any soup and will probably be down by the time you finish with it."

Sure enough, she walked in, wearing her double flannel gown as I was putting fish and tomatoes on warmed plates and Mae had taken the broccoli dish out of the warming oven. It looked great, bright green yet tender, and coated with the wine sauce. I said, "You look divine in that gown. I'm glad you could come early. I missed you. How was your luncheon?"

"The food wasn't bad, but I didn't eat much. I'm glad there is good food and friendly conversation here." Another hint, or sleeping dog. Without the 'here' it wouldn't be.

Everyone was served. They were ready to eat, for they finished everything. I didn't finish my fish because I wanted to be sure I had some salad.

I got up to take away the dishes, got out the croutons, made the dressing at the table, and tossed. Mae fetched salad plates from the icebox and served the simple salad. I passed the Parma cheese grater.

Sue said, "You must tell me how you made the fish dish."

"I'll write it down. It is not complicated and I've never known it to fail. Mae showed me how to make the broccoli dish. I've never had better broccoli." I turned to Mae, "I believe that dish is your own invention. If it is, you should be proud of it."

"It is. It took many failures before I got it right. Thank you.

In spite of all the gab we finished the salad. Sue offered to help with the dishes. With three of us we did that in record time, even beating me working alone. I put up the leftovers. There was soup fit for a lunch, my little piece of fish, and that was it. I would have the fish for breakfast. All other parts of the meal were consumed. Most of the spicy sauce for the

fish had evaporated, except for that which is taken into the fish as it cools. The soup in the icebox and uncooked fish in the freezer would make a nice lunch for Sue and me.

Mae asked if we could have a lesson now. She had finished her homework. I asked Sue, and she said, "I need to unwind and be alone to think. It has been a day, although it might do as well for me to join you. I am curious what it is about, but it must be math."

I said, "It is. Do join us. That would be good for everyone. You could refresh old memories that were formed when you were Mae's age. What you have to think about will still be there, and after mathematics it is likely that you will think more rationally, less emotionally. Even if not, how could you find a better way to clear your mind?"

Mae asked, "Are you saying emotion plays no role in math?"

"No. How did you feel when you finally understood my hint and worked your problem?"

"Elated. Thrilled. Also like I was in a deep canyon with towering mountains all around, and that someday I would scale those mountains."

Sue said, "I can remember that feeling, the first time I realized how much I didn't know. I never had that feeling about anything else. That year, nine months really, that Jack and I studied and even invented math was my best experience ever."

I said. "Yes, for me as well. Let's go to the library where there is a splendid real slate blackboard, comfortable chairs, and a nice table just the right height."

To Be Continued

Grace Papay, K8LG Named 2024 WA6ITF Memorial Amateur Radio Newsline Young Ham of the Year

Grace Papay, K8LG, of Holland, Michigan, has been selected as the 2024 Bill Pasternak WA6ITF Memorial Amateur Radio Newsline Young Ham of the Year. Grace, 18, is the daughter of Doug Papay, K8DP, and Carrie Papay K8CLP.

Grace earned her Technician license in March 2021 and within a year achieved her Extra Class license, passing the test in March 2022.

She is a recent honors graduate of Holland Christian High School in her hometown, where she earned a varsity letter in the Unified Sports program.

Grace credited her father and her grandfather, John Papay, K8YSE, a well-known operator in the ham radio satellite community, for drawing her into the hobby.

"I got involved in amateur radio satellites," Grace recalls. "I got on the air. And now it has turned into something from honoring my grandfather to a hobby I'm on every day and I love." With support from her grandfather and father, she earned the DX Century Club certificate for contacts exclusively using satellites.

Grace attended Youth on the Air camps in Cincinnati in 2022 and Ottawa in 2023, where she says she was exposed to a variety of other amateur radio activities including balloon launches, slow-scan television and radio contesting.

She was part of the K3LR IOTA Dave Kalter Memorial Youth DX Adventure in 2023 and was a team member for the J62K St. Lucia DX contest operation in 2024. Grace is active on the HF bands and operates in the ARRL and CQ DX SSB and CW contests, ARRL Sweepstakes and CQ WPX, as well as Youth on the Air events.

For the past few years, Grace has been a regular presenter at the Youth Forum at Dayton Hamvention. She delivered a presentation on youth in contesting at the Contest University Forum at Dayton this year and assisted at the YOTA and AMSAT booths.

She is an active member of the Holland Amateur Radio Club, Grand Rapids Amateur Radio Association, West Chester Amateur Radio Association and the American Radio Relay League.

Grace received the Radio Club of America's Young Achievers Award in 2023. She had an article on the "Next Generation of Contesters" published in the National Contest Journal (Nov/Dec 2023). A story she co-wrote on YOTA Camp 2022 appeared in the August 2022 edition of CQ magazine.

Grace will be attending Cedarville University in Cedarville, Ohio this fall, where she will study electrical engineering. She says amateur radio played a major role in her choice of a major.

The YHOTY award will be presented to Grace during a ceremony at the Huntsville Hamfest on Saturday, Aug. 17, 2024 at the Von Braun Center in Huntsville, Alabama. Amateur Radio Newsline and Yaesu USA are primary sponsors of the award, along with Heil Sound Ltd. and Radiowavz Antenna Company.

The Young Ham of the Year Award was inaugurated by William Pasternak, WA6ITF, in 1986. Upon his passing in 2015, Bill's name was added to the award as a memorial to his commitment to recognizing the accomplishments of young people to the Amateur Radio Service.

[ANS thanks Amateur Radio Newsline for the above information.]

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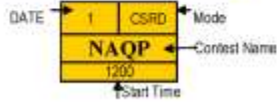
The Radio Amateur is:

- CONSIDERATE** - never knowingly operating in such a way as to lessen the pleasure of others.
- LOYAL** - offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
- PROGRESSIVE** - with knowledge abreast of science, a well built and efficient station, and operation beyond reproach.
- FRIENDLY** - with slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
- BALANCED** - Radio is an avocation, never interfering with duties owed to family, job, school or community.
- PATRIOTIC** - with station and skill always ready for service to country and community

CDXA Periodic Table of Contests - 2024

January	February	March	April	May	June	July	August	September	October	November	December
6 R	3 CSRD	2 S	8 CSRD	4 CSRD	1 CSRD	1 CS	3 C	1 CSRD	5 CS	2 C	6 CS
RTTY Roundup 1800	VT QSO Party 0000	ARRL DX - SSB 0000	LA QSO Party 1400	7th Area QSO Party 1300	KY QSO Party 1400	RAC Canada Day 0000	NAQP - CW 1800	TN QSO Party 1800	CA QSO Party 1800	Sweepstakes - CW 2100	ARRL - 160M 2200
13 C	3 CSRD	9 CSRD	3 CSRD	4 CS	1 D	13 CS	10 C	7 C	12 R	9 R	7 D
NAQP - CW 1800	MN QSO Party 1400	OK QSO Party 1400	MS QSO Party TBD	IN QSO Party 1800	ARRL - INT. Digi 1800	LARU 1200	WAE DX - CW 0000	CWops Open 0000	Makrothen - RTTY 0000	WAE DX - RTTY 0000	FT Roundup 1800
20 S	3 CSRD	8 C	8 CSRD	4 CSRD	8 CSRD	20 CSRD	10 CSR	7 CS	12 CSRD	16 S	14 CS
NAQP - SSB 1800	BC QSO Party 1800	Stew Perry TBC 1500	MO QSO Party 1400	DE QSO Party 1700	ARRL - VHF 1800	CQWW - VHF 1800	MDC QSO Party 1400	CO QSO Party 1300	NV QSO Party 0300	Sweepstakes - SSB 2100	ARRL - 10M 0900
20 CSRD	4 C	9 CSRD	13 CSRD	4 CSRD	15 C	20 R	17 S	8 C	12 CSR	23 C	28 CS
ARRL - VHF 1900	NA Sprint - CW 0000	ID QSO Party 1800	NM QSO Party 1400	New England QSO Party 2000	Stew Perry TBC 1500	NAQP - RTTY 1800	NAQP - SSB 1800	NA Sprint - CW 0000	AZ QSO Party 1500	CQWW - CW 0000	RAC Winter 0000
26 C	10 R	10 R	13 CS	11 CS	15 CSRD	27 CS	24 CSRD	14 S	12 CSRD	Monday C	26 C
CQ - 160M CW 2200	CQWW WPX - RTTY 0800	NA Sprint - RTTY 0000	GA QSO Party 1800	CQM DX 1200	WV QSO Party 1800	RSGB IOTA 1200	HI QSO Party 0400	WAE DX - SSB 0000	PA QSO Party 1800	KIUSN Test 1800	Stew Perry TBC 1900
27 R	17 C	10 CSRD	TBD CSRD	18 CSR	Monday C	Monday C	24 D	14 CSRD	12 CSRD	Friday C	Monday C
BARTG RTTY Sprint 1200	ARRL DX - CW 0000	WI QSO Party 1800	ND QSO Party TBD	AR QSO Party 1400	KIUSN Test 0000	KIUSN Test 0000	WW Digi DX 1200	ARRL - VHF 1800	SD QSO Party 1800	KIUSN Test 2000	KIUSN Test 0000
Monday C	26 S	16 R	20 R	20 C	Friday C	Friday C	24 CSRD	14 CS	19 CSRD		Friday C
KIUSN Test 0900	CQ - 160M SSB 2200	BARTG RTTY 0200	CQMM DX 0700	CQWW WPX - CW 0000	KIUSN Test 2000	KIUSN Test 2000	KS QSO Party 1400	AL QSO Party TBD	NY QSO Party 1400		KIUSN Test 2000
Friday C	24 CSRD	24 R	20 CS	Monday C			24 CS	21 CSRD	19 CS		
KIUSN Test 2000	SC QSO Party 1900	NA Sprint - SSB 0000	MI QSO Party 1800	KIUSN Test 0000			OH QSO Party 1800	IA QSO Party 1400	Worked All Germany 1500		
	24 R	30 S	20 CS	Friday C			Monday C	21 CSRD	18 C		
	NAQP - RTTY 1800	CQWW WPX - SSB 0000	ON QSO Party 1800	KIUSN Test 2000			KIUSN Test 0000	TX QSO Party 1400	Stew Perry TBC 1500		
	28 CSRD	Monday C	27 CS				Friday C	21 CSRD	30 CSRD		
	NC QSO Party 1500	KIUSN Test 0000	FL QSO Party 1800				KIUSN Test 2000	NH QSO Party 1800	IL QSO Party 1700		
	Monday C	Friday C	Monday C								
	KIUSN Test 0000	KIUSN Test 2000	KIUSN Test 0000					21 CS	28 S		
	Friday C		Friday C					NJ QSO Party 1800	CQWW - SSB 0000		
	KIUSN Test 2000		KIUSN Test 2000					21 CSRD	Monday C		
								WA Salmon Run 1800	KIUSN Test 0000		
								22 R	Friday C		
								NA Sprint - RTTY 0000	KIUSN Test 2000		
								28 R			
								CQWW - RTTY 0000			
								28 CS			
								ME QSO Party 1200			
								Monday C			
								KIUSN 0000			
								Friday C			
								KIUSN Test 2000			

LEGEND
 GOLD = Major Contest = 10 points
 Blue = QSO Party = 7 points
 Pink = DX Contest = 5 points
 C = CW S = SSB
 R = RTTY D = Digital





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<p>Membership Meeting Tuesday 23 July 2024 5:30 PM THE MEETING WILL BE AT Woodcreek Church Richardson TX</p>

<p>NEXT SIGNALS INPUTS DEADLINE: →→→ 16 August 2024 ←←←</p>
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