



ROUNDTABLE

The Denver Radio Club Newsletter

Since 1917

September 2015

PRESIDENT'S MESSAGE

By Gerry Villhauer – W0GV



Hello DRC Members,

Here we are in September already, where did the summer go so quickly? So many projects with the club and at home and fall is getting near. The smoke in the air from the fires in California and Washington has been terrible. I hope by the time this message hits the press the much over worked fire fighters will have most of these fires under control.

Our DRC Hamfest has come and gone. I hope you had an opportunity to attend. I don't have all the numbers at hand, but, I can say it was very successful. I believe our attendance was about 530 and we were able to sell many of our vacant tables at the door. Thanks to Bryan (KB0A) for his efforts in planning and organizing this event. Believe me; it takes several months of hard work to pull off a successful event like that. When you see Bryan, please give him your personal thanks. And not to forget all the other DRC members who sold tickets, watched the doors, put on technical presentation, did the VE testing, set up and tore down the tables, swept the floors and dumped the trash. Every one of you contributed to our success...THANK YOU!

Our August meeting was well attended and a very interesting program on AllStar Link was presented by John Maxwell (W0VG). John's presentation was directed at what you can do with AllStar Link, more than the deep technical part of this very versatile system. Our DRC technical committee is very interested in this system; with the idea of replacing our UHF link for the 147.330 MHz voter system and expanding the number of voting sites. Thanks John, Great Program!

Our September meeting will be our annual meeting and elections. If you are interested in serving on the board; please see the notice printed in this edition of the RT for more information. We are never sure how long the election process will take, so we will not have a formal presentation at our annual meeting. We feel it is not fair to a program presenter to get cut short of time if our elections run longer than expected. What we will do, after elections, is have an open forum to ask question about the club, make suggestions as to what you would like to see happen with the club or bring up a topic for discussion before the group. I ask all of you, please do come and participate in the election process and the discussions. This is an important meeting to set the direction of your club.

73 for now,
Gerry (W0GV)
President



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AUGUST MEETING - WHAT'D I MISS?

By Bill, W6OAV

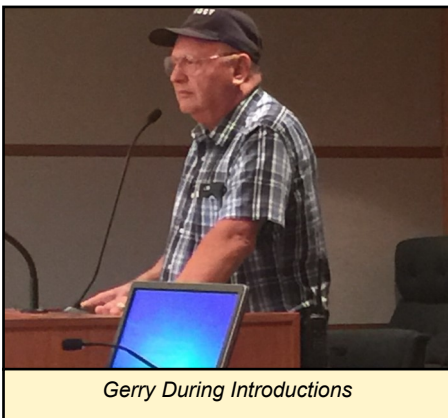
There were 48 attendees. After introductions, Gerry (W0GV) gave a Hamfest report. There were approximately 530 attendees. The VE session produced 8 technicians, 2 generals and 1 extra. The seminars were well attended.

The meeting was then turned over to our guest speaker John Maxwell (W0VG). John's PowerPoint titled "AllStar Linking" covered the following topics:

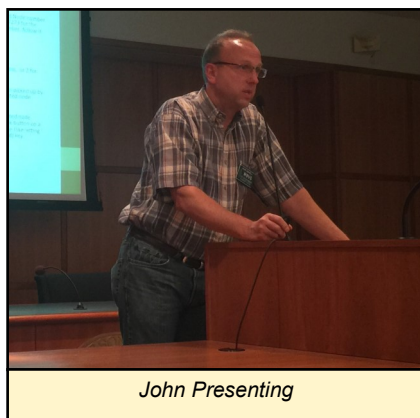
- How AllStar Link works and how to use it.
- AllStar Link compared to Echolink/IRLP.
- Brief history.
- Typical system diagram and real world examples.
- Hardware, software, and configuration process.
- Practical applications.
- System/Network security.
- Overview of the RMHAM IP network.

There were a lot of good questions following the presentation. John's PowerPoint is available at: <http://www.rmham.org/wordpress/course-syllabus>.

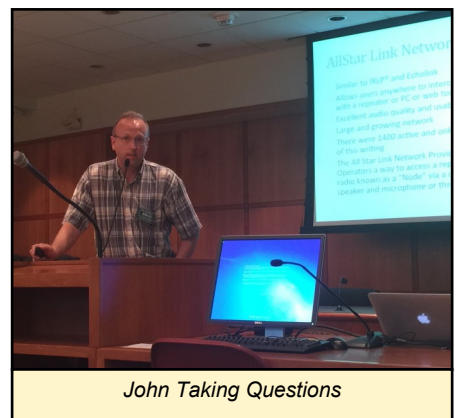
Also, a good AllStar Link video tutorial produced by Skyler (KD0WHB), is available at <https://www.youtube.com/watch?v=Ja0Rsj3ZyY>.



Gerry During Introductions



John Presenting



John Taking Questions

Note to DRC Members:

Our club depends on the involvement and participation of YOU, our members. Do you have a skill or interest that could help the club. Maybe you want to volunteer to be on a committee? Like to write? Have ideas for improving what we do? Speak up and let someone know, all ideas are welcomed and participation is always helpful. ~Editor

WHO'S NEW IN THE DRC?

The DRC is a very active club in the Denver metro area and we'd like to have all of our members listen for these new calls and personally to make them feel welcome.

Brendan Murphy	KD0ZYC
Dave Stoner	K0DES
David Bock	KE0ASK
Gilbert Friedmann	W0GJF
Joel Jacobson	KE0EIN
Michael "Mike" Hutton	KC7GYN
Richard "Dick" Brown	KE0AVK
Richard "Dick" Davies	W7ZCO
Roy Wall	K0REW
Sue Wall	K0SPW
Vince Kingsley	G7LWN
Don Zielinski	K0PV

Welcome to our newest members. We have a number of activities throughout the year and we'd like very much for you to participate in serving your community.

If you have questions please feel free to ask on any of the repeaters or see the contact information on the last page of this publication. Also please join us once a month at the regular club meeting on the 3rd Wednesday at 7:00 p.m. For new hams we have the Elmer session which starts at 6:00 p.m. before the regular meeting.

More information can be found on the Denver Radio Club website at <http://www.w0tx.org>.

TECHNICAL COMMITTEE REPORT

By Bill, W6OAV

The following is an overview of the subjects discussed at the August Technical Committee meeting. The project coordinators' call signs are in red.

Voter System Expansion - East (W0GV)

Goal: Locate additional sites.

Status: Still looking for sites. If any are located, W6OAV will run a coverage plot to determine if that coverage will be beneficial to the system.

145.49/448.625 Repeater - Controller and Radio Upgrade (AC0UA)

Goal: Replace the S Com 7k with a preprogrammed S Com 7330 and replace the Sytnors with Kenwoods.

Status: W0GV, AC0UA and K0HTX visited the site to determine what hardware and processes will be required. They hope to perform the equipment upgrade ASAP. WW0LF has a roll away cabinet for the equipment.

DRC/TSA Aurora Site (W0GV)

Goal: Maintain contact with TSA relative to establishing a "communications room" for the DRC.

Status: Work is still in progress. The DRC's radios and antennas are now stored at the site.

Packet Gateway (W6OAV)

Goal: Re-design the gateway for more reliability.

Status: Kantronics sent a new firmware upgrade which W6OAV installed in the KAM XL TNC. However, the firmware tests can't be performed since the gateway is shut down (See next item below). The club has a Time-wave PK900 to replace the KAM should future tests show that the new firmware is not reliable.

Noise at Station 4 (WW0LF)

Goal: Locate, document the power line noise source(s) and contact Xcel to correct.

Status: WW0LF is gathering the equipment and will coordinate the tests. In the meantime, the HF side of the gateway is disabled as the gateway is "deaf" due to the extreme HF power line noise level.

Establish a DRC YouTube Channel (KB0A)

Goal: Provide access to various DRC videos.

Status: KB0A has obtained a channel. He will forward log-in info to W6OAV and to others.

Station 4 Site Maintenance

Goal: Implement weed control and clean up the radio shack.

Status: AD0GX has volunteered to implement weed control.

~Editor's Note: The Technical Committee meeting is open to members of the DRC. It is held in the Arvada room, starting at 6:00 p.m. on the evening of the DRC monthly meeting.

SEPTEMBER MEETING PRESENTATION

By Bill, W6OAV

There will be no formal presentation this month because of board elections. Instead, after the elections, there will be a Q & A session with the meeting attendees.

THE ROUNDTABLE ARCHIVE

Have you been looking for a back issue of the Roundtable? Many are available on the DRC web site.

<http://www.w0tx.org/RoundtableAccessPage.htm>

W0TX LEARNING NET UPDATE

By Fred, AA0JK

A lot of response to the learning net and club Q&A sessions. In August we saw the addition of a group presentation during our DRC Hamfest. We had the opportunity to meet with new and seasoned hams with questions and topics to discuss. It is good to see seasoned amateurs joining us and contributing to our sessions. The hands-on discussions are a great help in addressing the topics that come up. We really enjoy the interaction with our fellow amateurs and even the Elmer's learn something new. Great fun.



Note: during our monthly meetings we are getting a lot of questions after the main meeting. The opportunity of being able to talk with you is great, but the security folks are looking to close the hall. Please make note of any topic's you may wish to discuss and let us help you during the first hour Q&A session.

We are there to advance the hobby and help you. If you are listening and don't yet have your license, you can contact us at w0tx@w0tx.org, or elmer@w0tx.org. If we don't have the answer here on the net, we have a lot of experienced hams in the club that can help. Questions can also be submitted on the YAHOO Learning Net web page. (<https://groups.yahoo.com/neo/groups/HamLearningNet/conversations/topics/376>)

Here you will also find information from past activity that you might find of interest. Getting that first Technician license? Upgrading to General or Extra? We're here to help. We would encourage those who have been Hams for several years to also join us. Your experience and input is welcomed. What topics would you like to discuss? Join us Wednesday nights, 7:30 p.m., 145.490. (Note: The third Wednesday of the month is devoted to the DRC club meeting. See the W0TX website for additional information. w0tx.org)

~ GET PUBLISHED ~

We welcome and encourage all members to share their experiences and stories so that we can all learn from one another. It can be long or short. If we can't fit it into one newsletter, we can split it across multiple issues. Not a writer? We have volunteers that will listen to your story and put it into an article, and of course you will have the opportunity to review and approve prior to publication. Your contribution to the club is welcomed and appreciated. ~Editor

DRC HAMFEST WRAP-UP

By GERRY, W0GV

We had a very successful Hamfest. Attendance was over 500 and more tables than usual were sold at the door. Our VE Team tested and passed 8 new Technicians, 2 upgrades to General Class and 1 upgrade to Extra Class. Thanks to all of you who attended and especially to those who helped with the many tasks required to put on this annual event.

ATTENTION

The DRC Board of Directors meetings are held on the 4th Wednesday of the month and are open to any member. Due to scheduling of meeting space, the board does not always meet at the same location and on occasion meetings are held via Skype. Anyone wishing to attend, please contact a board member prior to meeting night for specific information.

Don't forget to join in Wednesday nights at 7:30 p.m. for the DRC Learning Net !

145.490 / 448.625 Repeaters

Watch the RoundTable for any changes to Learning Net Schedule

VE TEAM UPDATE

By Tom, KC2CAG

Once again the Denver Radio Club held a VE session at the club's Hamfest...and once again the VE Team had a fine opportunity to help get some new callsigns on the air and to help others upgrade. A big thanks to the Team; Wally (AC0T), Bill (AC0VC), Dave (K0HTX), Bill (WZ0S), Kevin (AD0GX) and Fred (AA0JK). *(See photos of the Hamfest, including some from the VE session later in this issue)*

There were 15 candidates at the session, and 8 earned new Technician licenses and three others upgraded their existing licenses. We had a somewhat rare opportunity this year to wend our way through the FCC rules and help generate the paperwork for a ham seeking an upgrade based on one of the "new" methods of using an old license and a Certificate of Successful Completion of Examination(CSCE). In this case, the candidate was licensed as a Technician prior to a March 21,1987 cutoff date, which allows credit for Exam Elements 2 and 3. That means that she was able to upgrade from Technician to General without the need to take another exam. There are a subset of new rules, summarized in an "Element Credit Table" that allows for that circumstance. So...check your old paperwork and compare it to the table. You too may be eligible for an upgrade!

Each applicant who holds an amateur license and/or a valid CSCE is able to receive credit for the elements conveyed by the license and/or the CSCE issued. To receive the credit, the applicant must present proof of his or her current license and the original of any valid CSCE, or proof of any other element credit being claimed, to the administering VE Team for its inspection.

Each applicant must provide the original and a copy of all necessary documents for credit being sought. The VEs are to return the original copy of any license and/or any original CSCE(s) to the applicant after they are satisfied with the documents' authenticity. The copies will be retained by the VE Team for forwarding to the VEC with the session results package.

Operator Class	Unexpired (or within the renewal grace period)	Expired (and beyond the renewal grace period)
Amateur Extra	Not applicable	Elements 3 and 4
Advanced	Elements 2 and 3	Element 3
General	Elements 2 and 3	Element 3
Technician granted before March 21, 1987	Elements 2 and 3	Element 3
Technician Plus	Element 2	No credit
Technician granted on or after March 21, 1987	Element 2	No credit

The table above can be found at: http://w6sg.net/site/?page_id=1273

QST, QST, QST.....

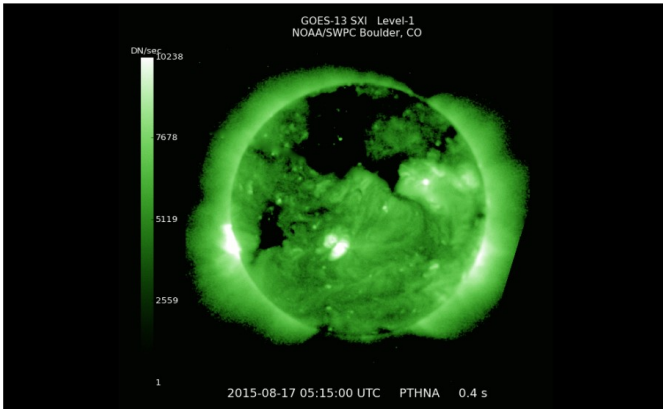
The club is looking to add Sunday Net Control Operators. We would like to have several operators trained, so there can be a rotation of operators to relieve one person from net control duty every Sunday. If you would like to fill one of these important club roles, please contact either Jim (K0TOR), or Gerry (W0GV). Contact information can be found on the DRC webpage. You must have a reliable base type station to serve as Net Control Operator.



SOLAR UPDATE

By FRED, AA0JK

*Highlights of Solar and Geomagnetic Activity
August 26, 2015*



Solar activity ranged from very low to moderate levels. Developing Region 2403 which exhibited a complex beta-gamma-delta magnetic configuration, produced most of the flare activity during the period. On 21 Aug, Region 2403 produced three M1 (R1-minor) flares, the largest was an M1/2b flare. By 23 Aug, field conditions increased to unsettled to major storm levels. *Forecast of Solar and Geomagnetic Activity 24 August - 19 September 2015*

Solar activity is likely to be at moderate levels (R1-R2, minor-moderate), with a slight chance for X-class flares (R3-Strong or greater), from 24-29 August due to the flare potential from Region 2403. Very low to low flare activity is expected from 30 Aug to 10 Sep after Region 2403 rotates off the visible disk. A return to moderate levels (R1-R2, minor-moderate), with a slight chance for X-class flares (R3-Strong or greater), is likely from 11-19 September after the return of old Region 2403 (S15, L=193). No proton events are expected at geosynchronous orbit barring any significant flare activity from Region 2403.

A surprising amount of late season sporadic E propagation was on 50 MHz the third week of August. Six meters was open for strong sporadic E the afternoon and evening of August 16. In addition to strong single hop, some double hop E-skip was noted around 0200z August 17. The next day and afternoon sporadic E appeared again. This time multi-hop spanned the Atlantic Ocean between North America and Europe. The geomagnetic field was active all weekend due to a CME impact August 15, which caused a strong G3-class geomagnetic storm and bright auroras around the Arctic Circle. The storm persisted as a G1-class through August 17, perhaps enhancing sporadic E conditions.

EXTENDED WARNING: Geomagnetic K-index of 4 expected Extension to Serial Number: 2624 Valid From: 2015 Aug 26 0510 UTC Now Valid Until: 2015 Aug 26 2200 UTC

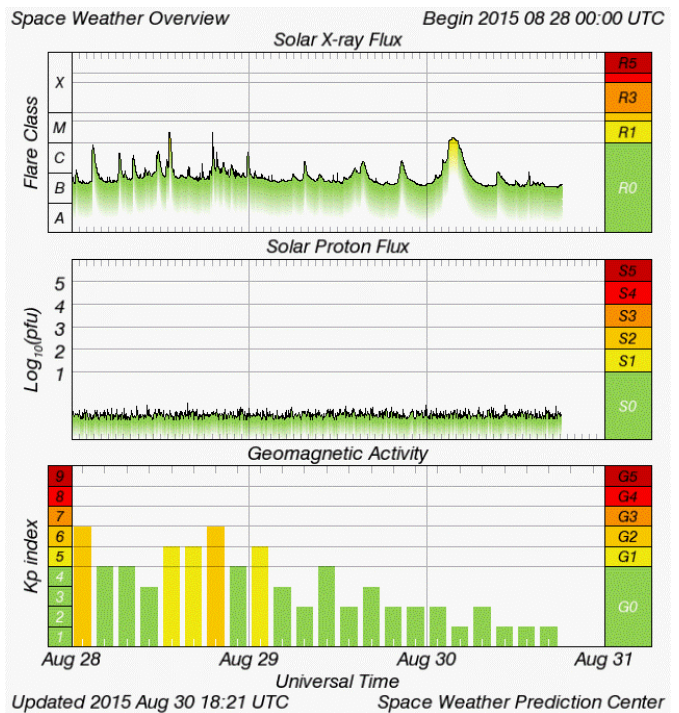
Warning Condition: Persistence

www.swpc.noaa.gov/noaa-scales-explanation

Potential Impacts: Area of impact primarily poleward of 65 degrees Geomagnetic Latitude.

Induced Currents - Weak power grid fluctuations can occur.


Aurora - Aurora may be visible at high latitudes such as Canada and Alaska.




A (7 MB) animation video on the effects of space weather on HF communications:

<http://www.ips.gov.au/Images/Educational/Space%20Weather/Space%20Weather%20Effects/hf.swf>

For current updates on solar activity, and its effects on amateur radio: <http://spaceweather.tv/> Dr. Tamitha Skov's space weather forecast.



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~ NOTICE ~

The annual election of four (4) members of the Board of Directors will be held at the September 16th regular meeting. If you are interested in filling a two year board position, please send notice of your intentions to the President or Vice President. You may also make your intentions known in person at the meeting prior to elections. Nominations will also be taken from the floor.

To be a board member you must have been a member in good standing for a period of one full year prior to election. After board member elections, the office of President, Vice President, Secretary and Treasurer will be elected from the eight (8) board members. The office of President must have served one full year as a board member prior to election.

The other principal officers must have been a member in good standing for one full year prior to election.



DENVER RADIO CLUB HAMFEST

Coordinated By Bryan, K80A (GREAT JOB BRYAN)



Setup Zero Dark Thirty



Setup Zero Dark Thirty



Dave (K0NNN), Zero Dark Thirty Crew



Ken (K0YES), Zero Dark Thirty Crew



Bob (KC0OUQ), Zero Dark Thirty Crew



Lining Up For Great Deals



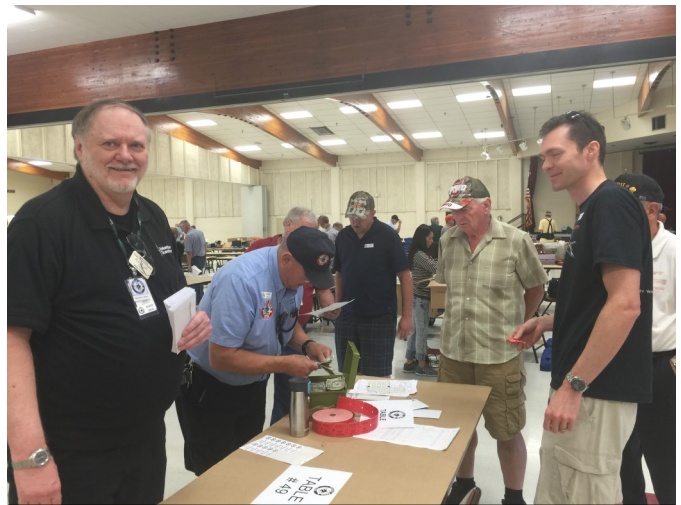
Dorene, Chad (KC0WW), & Jim (K0TOR)



Greg (N1GEP), Victoria & Dave (K0HTX), Ticket Girl & Stamp Man!



Here we go!



Fred (AA0JK) & Gerry (W0GV) Checking In Vendors



Shopping Panorama!



VE Testing Session



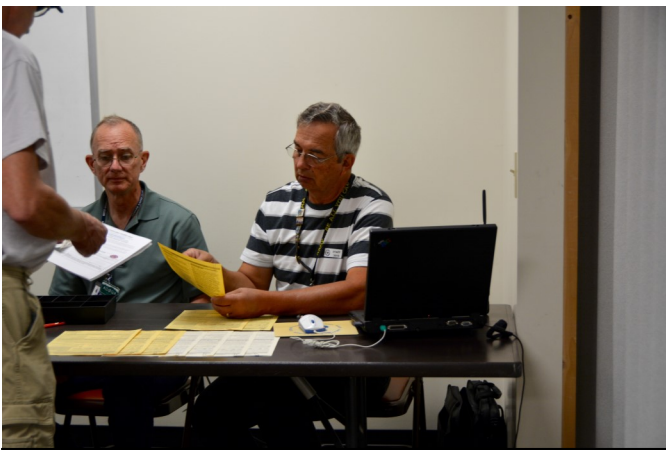
VE Testing Session



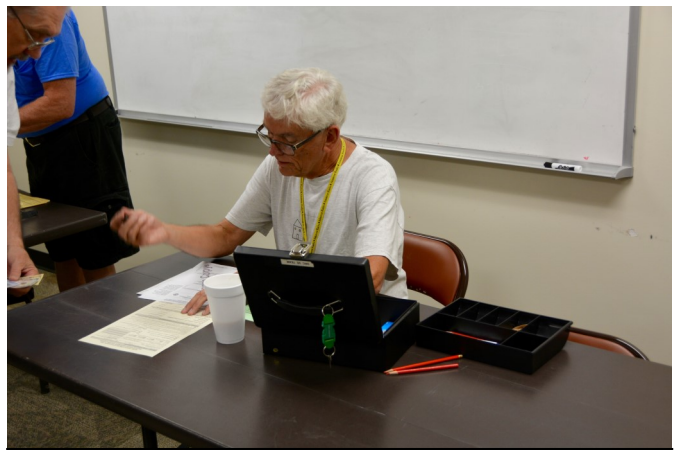
Bill (WZ0S), Dave (K0HTX), Wally (AC0T)



Tom (KC2CAG), Kevin (AD0GX), Bill (AC0VC)



Kevin (AD0GX), Bill (AC0VC) Grading Tests



Tom (KC2CAG) More Grading



Larry (K0LAI), Gary (KD0SQA) & Fred (AA0JK)



Elmer Group Presentation Attendees



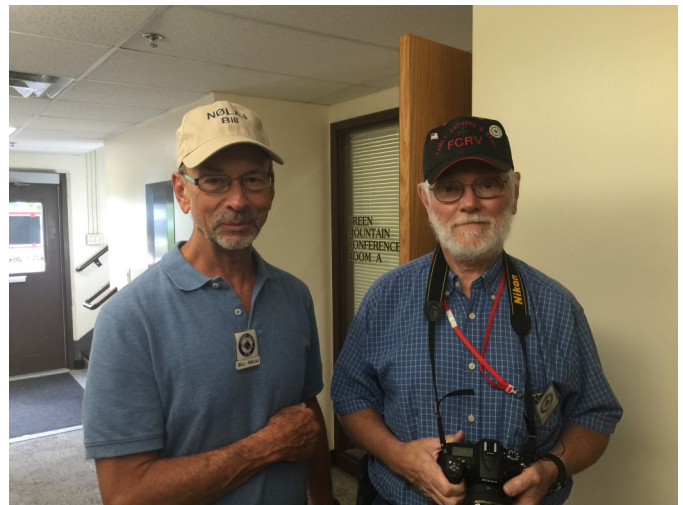
Barry (KA0BBQ) & Gary (KD0SQA)



Kathy & Gerry (W0GV)



Fred (AA0JK), Gerry (W0GV) & Dave (K0NNN)



Bill (N0LAJ) & Doug (N4ATA)



Dave (K0HTX) & Mike (NOVBY)



Andrew & Maria



Kathy (N0LGA)



Greg (W0ZA) & Don (W0DM)



Don (K0PV) Showing His Late 1950's DRC Badge



Greg



Jim (KG0PP) & Renee (KCOMDX)



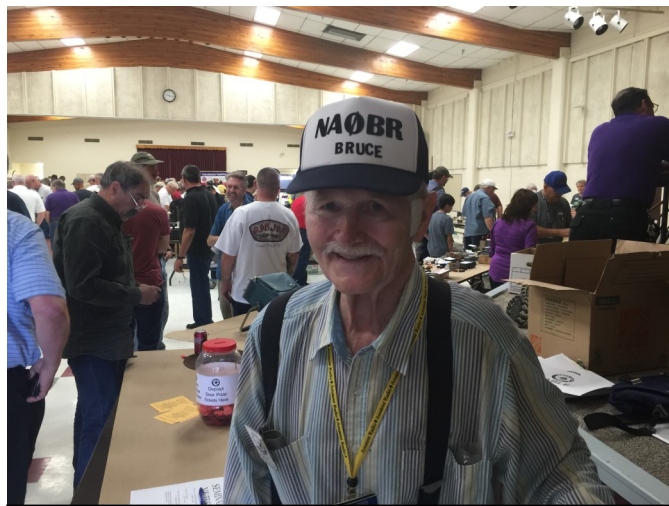
Bob (KB0BS) & (Hedi) W0WRN



Dennis (KK0Q)



Rodney (KA0USE)



Bruce (NA0BR)



Tracy (K10HC) & Don (W9SL)



Kathy (N0LGA)



Carolyn & Orlen (W0WLF)



Bill (W6OAV), Bryan (KB0A), Bill (AC0VC)



Bill (KB0KZR) & Tom (K0VKM)



WB0WDF, K0CVH, N1GEP, Faith, K0LMH, W0VG



Dan (W7RF) & Leyla



Jack (W0JMC) & Doug (N4ATA)



Snack Bar Treats Anyone?



Shopping Fun



More Shopping Fun



Mark (W0QL) & Bob (KC0CZ)



Sid (W0ILI) & Chuck (WD0EEA)



Rocky Mountain Ham Radio Club Members



Dirk (N2PDQ) & Son



Ken (K0YES), Victoria, & Dave (K0HTX)



Dick (K8ZTT)



Domenic (KD0UOE) & Christine



Mark (N1KNC) & Lyn



Bill (W6OAV), Why Antennas Radiate



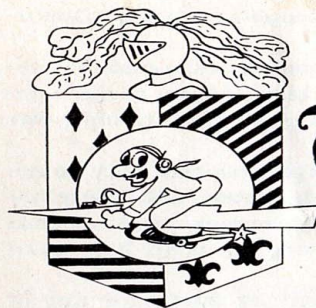
Bill (W6OAV), Presenting Class



Sam (N0KE1), Lucky Door Prize Winner! Congratulations!

LOOKING BACK AT THE DRC PROVIDED BY WOUI)

ROUNDTABLE, AUGUST 1960 (WOW! 1000 ATTEND, THERE IS A GOAL FOR US)



August, 1960

The Round Table

The Denver Radio Club, Inc.

OVER 1,000 ATTEND ANNUAL HAMFEST



BILL SHEAVES, W8ESP, shows off his new Collins 75S-1 receiver and matching speaker, grand prize at the 1960 Denver Radio Club Hamfest. Looking on is Walt Nettles, W0AJL, who presented the receiver on behalf of Radio Products Sales Company and the Collins Radio Company.

It was a gasser.

That's the consensus after the 1960 Denver Radio Club Hamfest held July 17. The record-shattering hamfest will be a standard of comparison for years to come. By all estimates, the attendance was at least 1000, almost doubling previous records.

Threatening weather failed to lessen enthusiasm as participants swarmed around the heavily-laden prize tables to view an unprecedented display of valuable door prizes.

So great was the attendance that the parking capacity of Dedisse Park was exceeded by more than 200%. At one point, an expedition was sent to nearby Evergreen to buy more food as the "chow lines" continued to grow.

Happiest man at the hamfest was Bill Sheaves, W8ESP, who carried home the grand prize—a Collins 75S-1 receiver and matching speaker valued at \$550. The receiver was donated to the hamfest by Radio Products Sales Company of Denver and the Collins Radio Company of Cedar Rapids, Iowa.

Equipment Sale At August Meet

We have had several auctions during the last year, mainly club equipment, so that this August meeting will have as its big feature talks on writing for club papers by Lys, K0PGM, and Roy, K0OVQ, and printing by John, K0RRS. However, the tradition of auction will continue, after the talks.

Bring your equipment for sale or swap,

and what is too heavy or bulky you may describe on the blackboard.

A number of "wud-be-hams" have been asking about this meeting, and items useful for this class of buyers will be especially welcome. And you never know what will show up or be in demand.

August 17 is the date—7:30 p.m. in Sabin Auditorium of Colorado General Hospital.

This puzzle is provide courtesy of Chris Codella - W2PA. The URL for his website is <http://www.w2pa.com>. The solution for the puzzle is on page 20.

Vintage Ham Radio

Across

- 1. Radio named for a bird
- 5. Lake ___ swing
- 9. An SB-220, very broadly speaking
- 14. Oscar's follower
- 15. In the middle of EME
- 16. Tough, durable wood
- 17. Times past
- 18. Fine tuning, on some vintage receivers
- 20. Presses the upper left key
- 22. They get disqualified in a contest, probably
- 23. Vibroplex manual item
- 24. Iowa ham equipment maker, informally
- 25. Cartoonist Schultz, on CW maybe?
- 26. ___ generator
- 28. A step lower in frequency than Re's
- 29. Proof ender, maybe on CW too
- 32. Meadow sound
- 34. Volatile computer storage
- 35. Four digits of nothing, on CW, for short
- 36. An R-390 on a carrier?
- 41. Part of S.R.O.
- 42. What log entries were often written in, before computers
- 43. Sixty-one-forty-___
- 44. Foxhunt (abbr.)
- 45. Delight
- 46. Pertaining to a point of connection, in a circuit or network
- 50. Base predecessor?
- 51. W2 summer time
- 53. Dir. beaming Billings from Boise
- 54. Bad, if a tire...; good, if SWR...
- 57. Desk Kilowatt maker
- 59. Lots of Hertz, in the early days
- 62. ARRL Op-___ (dupe sheets were #6)

1	2	3	4		5	6	7	8		9	10	11	12	13
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			50					51	52				53	
54	55	56						57				58		
59							60	61				62		
63							64					65		
66							67					68		

- 63. Receiver maker in HPM's time
- 64. Walk back and forth
- 65. Natural antenna support
- 66. A YL, after getting an X
- 67. Jet-setters' jets, once
- 68. Wisdom says that sometimes it's more

- 9. Some amplifiers, starting around 1970
- 10. "Who ___?"
- 11. Part of EAN, CAN, PAN
- 12. Future doc's exam
- 13. Docs of another kind
- 19. Arrangements or organizations - in databases
- 21. Like a ruling in HV-land
- 25. Layer, as with paint
- 27. Pac. div. ARRL sect.
- 28. Their dials are greenish-blue
- 29. Miamisburg, to 28-down
- 30. Maker of 9-down, once
- 31. Serial port pin
- 33. Code proficiency, say
- 35. Extra stable freq. ref.
- 36. Kind of logic gate
- 37. Another kind of logic gate

- 38. What the original ham band is called today
- 39. Linear (but not an amp), briefly
- 40. IN district
- 45. Honored or favored
- 47. Covet, as a big antenna farm
- 48. Collectors' ancestors?
- 49. Contacts (but not QSOs)
- 50. ___ King 500
- 51. VCR button
- 52. Prescribed amounts
- 54. Italy, No. Ireland, in prefixes
- 55. McCartney, Lancelot and others
- 56. Took a 707
- 58. Mfg. of HRO rcvrs
- 60. Hz, to Hertz
- 61. A step higher in frequency than so's

Down

- 1. 20 WPM, 300 Baud, and others
- 2. SP capital
- 3. To AMers it's the scratchy one from Heath
- 4. AMSAT partner
- 5. Glowing remnant
- 6. Effect of 5-down on a hot dog
- 7. Sometimes it's plus sometimes minus
- 8. AR, on CW

FACT OF THE DAY

Human RF Radiation Risks

Radiant RF energy is non-ionizing and is believed to not have cumulatively damaging effects like ionizing radiations such as x-rays have, if radiation doses are small enough to not cause biological cell damage due to heating. The amount of human heating from radiant RF energy is highly dependent upon both field-strength and frequency. A human body absorbs only very small percentages of radiant RF energy below 30 MHz. However, the absorption percentage rises at higher frequencies. About half the energy in a 400 MHz electromagnetic wave passing through a human is absorbed. Between 1 and 3 GHz the RF energy absorption of human flesh is nearly 100 percent (microwave ovens operate at 2.4 GHz, because the same is true for many foods). Human RF radiation absorption decreases above 3 GHz and is down to about 50 percent at 10 GHz, because about half the energy is reflected. ©2005 Martek International All rights reserved.



ELMER SESSION START TIME

The Elmer Session Starts at 6 p.m. before the regular 3rd Wednesday DRC Meeting!

Come out and join in on the sharing of information.

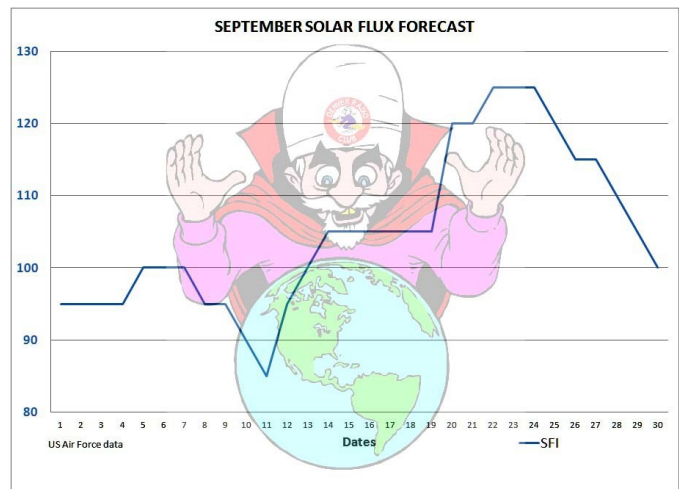
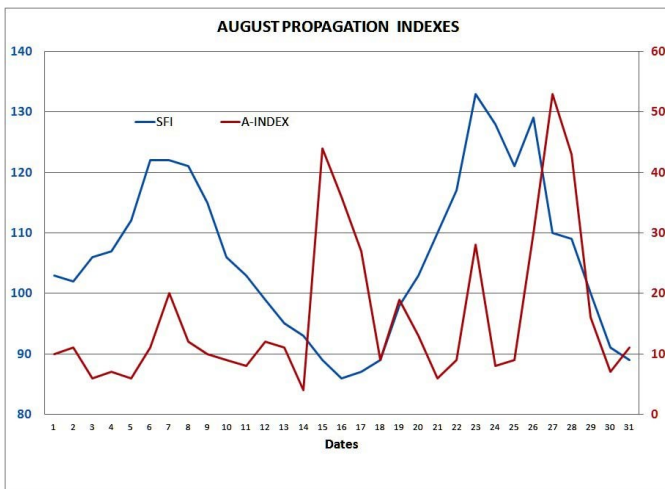
Ham Tip ~ If you have knowledge of a **GREAT** ham radio related website or just a general tip, let us know and we will share it with the rest of the club membership here in the RoundTable. Send to n0hi@arrl.net.

PAST & FUTURE PROPAGATION CONDITIONS

By Bill, W6OAV

The charts below show the Solar Flux and "A" indexes for last month and the forecast for this month's Solar Flux index.

Refer to the September 2010 *Roundtable* for more complete information on interpreting these charts. Issues of the *Roundtable* are available at <http://www.w0tx.org/RoundtableAccessPage.htm>.



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UP COMING EVENTS

HAMFESTS & CONVENTIONS

The following are the HAMfests & Conventions which have been registered with the ARRL so far. More information can be found on www.arrl.org/hamfests.

2015

09/27/2015 | BARCfest

Location: Longmont, CO
Sponsor: Boulder Amateur Radio Club (BARC)
Website: <http://www.qsl.net/w0dk>

11/07/2015 | 2015 Fall TechFest

Location: Lakewood, CO
Sponsor: 285 TechConnect Radio Club
Website: <http://na0tc.org>

2016

02/07/2016 | The Swapfest

Location: Brighton, CO
Sponsor: Aurora Repeater Assn., Cherry Creek Young ARC, & Rocky Mountain Ham Radio
Website: <http://www.n0ara.org>

05/13/2016 | Rocky Mountain Division Convention (HamCon Colorado)

Location: Keystone, CO
Sponsor: HamCon Colorado
Website: <http://www.hamconcolorado.org>

UP COMING CONTESTS **NEW**

The following are the Contests not sponsored by the ARRL. Please submit information for inclusion in future issues.

Editor's Note: The plan for this page of the RoundTable is to split the page between Up Coming Events and Up Coming Contests, however your help is needed to populate this contest area. The Up Coming Events are typically taken from the ARRL website, and the ARRL contests are on the DRC Calendar. Please send your sources for Contests that are of interest to you to n0hi@arrl.net.

2015

Colorado QSO Party

Starts: September 5, 2015 - 0300 UTC
Ends: September 6, 2015 0400 UTC
Sponsor: Pikes Peak Radio Amateur Association
Website: <http://ppraa.org/coqp>

THE ROUNDTABLE ARCHIVE

Scan the QR code or go to <http://www.w0tx.org/RoundtableAccessPage.htm>



Contest Websites

ARRL Contest Calendar
<http://www.arrl.org/contest-calendar>

WA7BNM Contest Calendar
<http://www.hornucopia.com/contestcal/>

SM3SER Contest Service
<http://www.sk3bg.se/contest/>

Contesting Dot Com
<http://www.contesting.com/>

HELP

Please help the Denver Radio Club by submitting your favorite Ham Radio websites, including those related to contests.

Have you stumbled upon a Ham's personal website that has lots of interesting content? Let us know, we will share it with the members of the DRC. Plus, if the site has material suitable for publication, we will contact the site owner to request publishing the material in our RoundTable.

SEPTEMBER 2015		DRC Net Sunday's at 8:30 p.m. on 145.490 / 448.625 (No PL)				
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2 Learning Net 7:30 p.m. 145.490 / 448.625 (No PL)	3	4	5 ARRL EME 2.3 GHz & Up Begins 0000 UTC  <small>Last quarter</small>
6 ARRL EME 2.3 GHz & Up Ends 2359 UTC	7 	8	9 Learning Net 7:30 p.m. 145.490 / 448.625 (No PL)	10	11 	12 ARRL September VHF Begins 1800 UTC  <small>New moon</small>
13	14 ARRL September VHF Ends 0259 UTC	15	16 DRC Meeting Elmer 6:00 p.m. General 7:00 p.m.	17	18	19 ARRL 10 GHz & Up Begins 6:00 a.m. Local
20 ARRL 10 GHz & Up Ends 12:00 Midnight Local	21  <small>First quarter</small>	22	23 Learning Net 7:30 p.m. 145.490 / 448.625 (No PL) DRC Board Meeting	24	25	26
27  <small>Full moon</small>	28	29	30 Learning Net 7:30 p.m. 145.490 / 448.625 (No PL)			

DRC BOARD OF DIRECTORS

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Board Member	W0JMC	Jack McComb	303-885-9098	w0jmc@arrl.net
Board Member	K0LAI	Larry Irons	303-763-8112	<i>Check Roster</i>

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Web Master	N0LAJ	Bill Hester	<i>Check Roster</i>	<i>Check Roster</i>

DRC REPEATERS

BAND	Freq / Shift / PL Tone	Additional Information
6m	53.090MHz (-1MHz) 107.2Hz PL	
Packet	145.05MHz<>14.105MHz	Usable by Technicians on 2 meters. See January 2015 RoundTable.
2m	145.490MHz (-) 100Hz PL	Linked to the 70cm - 448.625MHz machine.
2m	147.330MHz (+) 100Hz PL	Local Area, Members Auto-Patch Does Not TX a PL!
2m	147.330MHz (+) 131.8Hz PL	Test Mode Operation. Send signal reports to Tech Committee.
1.25m	224.380MHz (-) 100Hz PL	
70cm	447.825MHz (-) DCS-073; NB 12.5; +/- 2.5	Saint Anthony's Note: This is a narrow band repeater requiring DCS.
70cm	448.625MHz (-) 100Hz PL	Linked to the 2m - 145.490MHz machine.
70cm	449.350MHz (-) 100Hz PL	Wide area coverage with Echolink Node # 4140.
70cm	449.775 MHz (-) 100Hz PL	Yaesu Fusion Digital / Analog, 100 Hz Tone Required for Analog.
70cm	446.7875MHz (-)	MotoTRBO Repeater Slot 1 – DMR-MARC WW, Slot 2 – Local

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DRC members - this is your newsletter. Please email your club or amateur radio related suggestions to the editor. Members are the heart of The Denver Radio Club, so if you have an expertise or an interest in a particular segment of ham radio that you'd like to write about, you may email your submissions to n0hi@arrl.net. The submission deadline is the 20th of the Month. ~ Editor