



ROUNDTABLE

The Denver Radio Club Newsletter

Since 1917

June 2015

PRESIDENT'S MESSAGE

By Gerry Villhauer – W0GV



Hello DRC Members,

Is the rain ever going to stop? I am beginning to wonder. We discovered water in our crawl space, so Cathy and I have been dealing with that problem. I am sure there are many others suffering the same problem. The ground is so water saturated it just has no place to go.

By the time you are reading this we will hopefully have completed our tower clean-up and maintenance work party at our Centennial Cone site. If the weather cancels our outside plans we will at the very least have replaced the radio stack and controller for the two repeaters. Thanks to all of you who volunteered to help.

Our May meeting was very well attended. I was pleasantly surprised by the number of un-licensed folks who came by just to check out the DRC and get information on becoming a ham. Thanks to Fred (AA0JK) our Education Coordinator for stepping up and providing Elmer service to these new ham prospects.

Thanks goes out to Robert (K0RCW) for his presentation on his ready-to-go boxes. Robert presented many good ideas for making radio go boxes for field operations, and, some things he has tried and found not to work as well as he thought they may. A lot of good ideas were taken away from the meeting and the live demos drew much attention.

Our June program will be another interesting and rather different presentation on bicycle mobile. Rodney (KA0USE) will be telling us about his experiences operating ham radio from his bicycle, including types of equipment, safety and many reasons to do bicycle mobile. He also plans to have a live demo of the equipment that he uses. This will be an interesting and entertaining program, don't miss it.

Welcome to our new DRC members! Thank you for making the DRC "YOUR CLUB". You will find your name and call sign in the body of this issue. Please come participate in meetings and other on and off the air activities.

73 for now,
Gerry, (W0GV)
President

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MAY MEETING - WHAT'D I MISS?

By Bill, W6OAV

There were 56 attendees. After introductions, Gerry (W0GV) announced that the club has successfully reserved the Chief Hosa campground for field day. Jason (AC0UA) who is chairing the club's field day activities, gave an overview of his goals for this year's event. Jim (K0TOR) then thanked the club members that participated in the Lakewood siren test. The test resulted in the identification of serious issues with several sirens. After Jim's report, the meeting was turned over to the guest speaker Robert (K0RCW). Robert's PowerPoint was titled "K0RCW Go Boxes". Robert also had three fully equipped Go Boxes on display.

Robert began by defining a Go Box. A Go Box is a unit containing a complete amateur radio station and assorted personal gear which can be transported to an event and quickly put on the air. The contents depend on the type of event being supported.

Robert's PowerPoint covered the following areas:

Advantages of Go Boxes:

- Complete "Shack in a Box".
- Plug and play.
- All equipment complete, in place and tested.
- Easily portable.
- Contains all necessary equipment documentation.
- Versatile - Needs can and will change.

Developing requirements before building a Go Box:

- Purpose: emergency, field day, SOTA, etc.
- A list of appropriate equipment and accessories.
- Cabling requirements using standards when possible.
- Power supplies and batteries.
- Weight and Costs.
- Antenna system considerations: Portable HF and VHF antennas pros and cons.

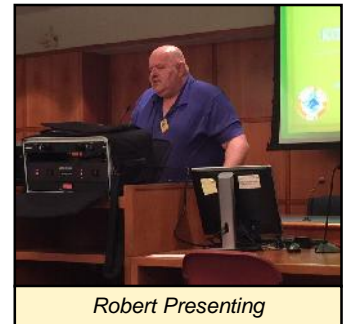
The presentation was very interesting and informative. After the presentation, Robert fielded quite a few questions.



Lots of Interest



Go Boxes



Robert Presenting

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.

Bryan Armstrong	KE0CTM
Jed Baer	KD0YMG
Louis Schornack	N9BBB

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 May Technical Committee meeting. The project coordinators' call signs are in red.

TS-940 Repair (K0TOR)

Goal: Determine if re-soldering and cleaning connectors will fix radio.

Status: The TS-940 is still successfully "cooking" on the bench. It will be used for field day.

Voter System (W0GV)

Goal: Develop a network configuration based on location of a main transmitter.

Status: KF0RW will investigate a possible central transmitter site downtown. Paper work has been submitted for a possible tower site east of town. If approval is obtained for the site east of town, W6OAV will run coverage plots of that site and Station 4 to determine the resulting weak signal areas.

Voter System Expansion - East (W0GV)

Goal: Locate additional sites.

Status: Still looking for a South Site. There may be a possible site North of Denver. If so, W6OAV will run a coverage plot to determine if the 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 Kenwood.

Status: WW0LF and AC0UA hope to perform the equipment upgrade ASAP.

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. Presently, the XL is working well. The club has a TimeWave PK-900 as a backup if the XL proves to be unreliable.

Centennial Repeaters (W0GV)

Goal: Ground DRC & Intermountain Repeater Association hard lines.

Status: A work party is scheduled for May 30th.

DRC Fusion Repeater (KB0A)

Goal: Write a Roundtable article on how to use the Fusion repeater.

Status: KB0A will write an article.

Establish a DRC YouTube Channel (KB0A)

Goal: Provide access to various DRC videos.

Status: KB0A is working on the project.

VE SESSION REPORT

By Tom, KC2CAG

Attention! Anyone studying for a General class license upgrade: A new question pool will take effect on July 1, 2015.

If you are studying for the exam from the current question pool, you might want to schedule an exam session prior to the end of June.

If, however, you plan to take an exam after July 1st, make sure you are studying from the question pool that takes effect after that date.

The newest question pool can be found at:

<http://www.arrl.org/general-question-pool>.



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Is an ARRL
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Join the ARRL TODAY



JUNE MEETING PRESENTATION

By Rodney, KA0USE

Interested in learning about bicycle mobile? Be sure to attend the June DRC meeting. Rodney (KA0USE) will present a PowerPoint on this subject and more. Time permitting, he will also provide a live demonstration.



Rodney will cover the following topics:

- The many reasons to do bicycle mobile.
- The history of mobiling from early to late car and bicycles.
- Safety discussion.
- Considerations when choosing a bicycle and accessories.
- Considerations when choosing a trailer.
- Personal experiences (Group rides, light rain train, and 285 Tech Connection workshop).
- Display and discussion of bicycle equipment.

Also, if time permits, Rodney will discuss Maritime mobile using canoes and kayaks.

W0TX LEARNING NET UPDATE

By Fred, AA0JK

The Denver Radio Clubs Learning Net is growing. We really enjoy hearing from new and seasoned Ham's alike.

Topics discussed this month:

Satellite communication: equipment needed and proper technics to use. Web sites and videos on tracking and making that first contact.

Side note; Field Day this year will have some satellite chasers attending. If you are interested in satellite communication, join us at the Chief Hosa campgrounds on Field Day, June 27-28. (I-70 exit 253 near Genessee Park)

Q calls: What do they mean? Where to find them and how to use them.

Propagation, HF communications: HF net control operators; prior to your net, check the solar conditions. This will give you some insight into how your net will be effected by solar conditions. (<http://www.swpc.noaa.gov/communities/radio-communications#>)

The Amateur Radio Parity Act of 2015 -- H.R.1301: How local representatives are reacting to the bill.

Having Mike Fright: The fear of making mistakes, relax, the first rule here is to have fun.

Licensing: Getting that Technician license? Upgrading to General or Extra Class? We answer questions, recommend study material, and web-sites that will help you meet your goals.

Thanks to all our net control operators. We have been hearing a lot of compliments from listeners saying how professional and organized they keep the net.

Thanks to all who join us for the nets, and the e-mail. We're here to help you with your amateur radio questions.

Check out past topics and additional postings on our Yahoo Groups web-site: (<https://groups.yahoo.com/neo/groups/HamLearningNet/conversations/messages>)

Join us Wednesday nights, 7:30 PM 145.490

Note: The third Wednesday of the month is devoted to the Denver Radio Club meetings, Jefferson County Administration Building 100 W Parkway, Golden. See the W0TX web page for details.

Got questions? Can't wait? Send us a note at drclearn-ingnet@gmail.com, or elmer@w0tx.org.

ROUNDTABLE ROUNDWORLD

Submitted By Keith, N0LSL

Hello Jessie (N0HI) and DRC,

I read the DRC Roundtable from beginning to end every month that it comes to me via email. In the March 2015 issue Page 6 you asked for response from those outside of Denver.

I always enjoy the articles, especially the ones from Bill Rinker (W6OAV).

I am Keith Lee (N0LSL), Henderson, Nevada, kblee4@cox.net.

I am very proud to see that Amateur Radio is still very much alive in Denver and that all hams are working together on so many club functions.

Keep up the great work!!

73's

Keith Lee, N0LSL

FCC NEWS

Submitted By Fred, AA0JK

FCC Eliminates Amateur Radio Vanity Call Sign Regulatory Fee

The FCC is eliminating the regulatory fee to apply for an Amateur Radio vanity call sign. The change will not go into effect, however, until required congressional notice has been given. This will take at least 90 days. As the Commission explained in a Notice of Proposed Rulemaking, Report and Order, and Order (MD Docket 14-92 and others), released May 21. See the [FCC Daily Release](#).

Please Let Us Know

Over the years we occasionally hear from hams who have read the RoundTable in other states and countries around the world. We appreciate the comments and we would like to know where you are located. So if you live outside the Front Range or Denver Metro Area and read the newsletter either online, email or hard copy please send a short note via email with your *City, State or City, Country*.

We will publish it at a later date in our new regular feature called RoundTable RoundWorld.

To respond to this request send your information to n0hi@arrl.net.

Subject: I'm located in...

Thank You

Tis' THE SEASON

Submitted By Fred, AA0JK

Tis the season for electrical storms. Protect your gear. Protect yourself. Disconnect your radio, pull the plug on your power supply during electrical storms.

Don't provide the missing link that provides a path for a strike.



For additional information, check out these links.

[NOAA Lightning](#)

[NOAA Lightning Types](#)



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DRC FIELD DAY

By Jason, AC0UA

The Denver Radio Club is hosting Field Day at the Chief Hosa camp ground again this year on June 27th & 28th. We are hoping to run five stations, and a "Get on the Air" (GOTA) station, similar to last year. The 20m station will be setup on a Beam antenna using the Salvation Army crank-up tower. This is a great opportunity for people to get on the air and make contacts all over the USA, whether you come join for a few hours or the entire week-end.

~Editor's Note: Since the stations are under control of appropriately licensed hams, non-licensed attendees and technician licensed hams can operate the HF stations. This allows all to experience operating on HF.



If interested in camping at Chief Hosa, please contact Jason (AC0UA) at his cell # 303-907-1528 or by email at ac0ua86@yahoo.com.

Please be aware that this is considered 'dry camping', no water or power connections will be available.

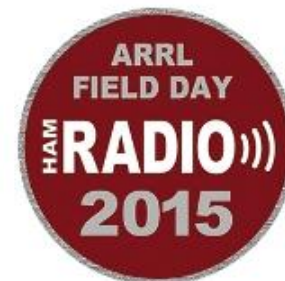
As an educational piece, we are looking for volunteers to demonstrate what is involved with satellite communication. We look forward to seeing everybody at Chief Hosa on June 27-28 for Field Day.

(Continued on page 7)

(Continued from page 6)

Directions

- Chief Hosa is located 9.3 mi west of I-70 and C-470.
- Take I-70 West to exit 253.
- At stop sign, turn right onto Genesee Dr. then left on Moss Rock Rd.
- Head west on paved road curve to the right take left turn into campground.
- Look for the signs to help guide you!



ARRL Field Day is the most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations. Field Day is part educational event, part operating event, part public relations event – and ALL about FUN!

Field Day on Social Media!

Follow Field Day on Facebook and Twitter! ARRL has created a Field Day event on Facebook, and you can also join the conversation by using the hash tag #ARRLFD. Share your plans, tips and tricks to a successful Field Day!

Objective

To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions. Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries.

Dates

Field Day is always the fourth full weekend of June, beginning at 1800 UTC Saturday and running through 2059 UTC Sunday. Field Day 2015 is June 27-28.

Bands

Any Amateur Radio band except for 12, 17, 30 and 60 Meters.

A WALK ON THE COOL SIDE

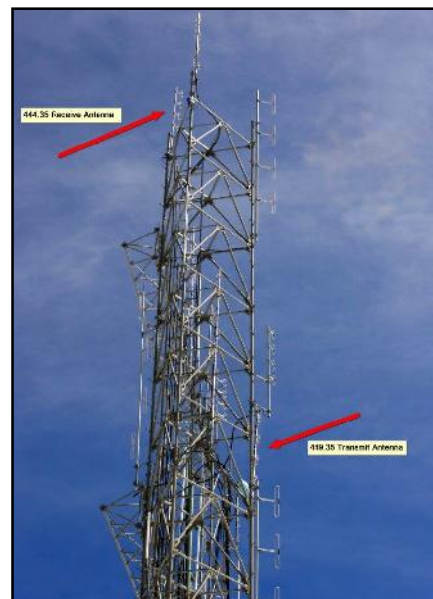
By Dave, W0GN

Man, it's been quite an 11-day period! It started on Saturday or Sunday (May 16th or 17th). I really can't recall which day that I heard our 7K controller send "RES" in Morse code, not once, but 4 times.

In 7K language that means RESET, as in "recovering from a full power failure". Everything seemed to return to normal...until May 19th, Tuesday.

At about noon on Tuesday, lightning splattered across the mountains, and our Squaw Mountain. The .05 went down...dead cold. Turns out, it was later discovered that several other systems on Squaw also instantly crashed at that time.

While all this excitement was happening I was relaxing in a dental surgeon's chair getting a tooth removed, an implant platform blasted out and receiving orders not to over exercise or go to extreme altitudes, and to just sit back and relax.



(Continued on page 8)

(Continued from page 7)

Unfortunately the repeater could not be commanded back on and early plans were entertained to get anybody up to Squaw to survey the problem. By the way, the Denver Radio Club's 449.35 system remained on the air listening through our preamp system and our antenna. How mysterious is that?

A few days later our member Jason Smallwood (AC0UA) grabbed a few hours off work and arrived at the Squaw road turn off from State 103 and reported that there was so much snow on the road to Squaw that, even with 4-wheel drive and diesel power, he could not even begin to get up to the "straight away" let alone beyond the gate due to very deep and crusty snow drifted up to three feet across the roadway.



Squaw Mountain Site, Tower in Foreground



Building Entrance

The next Wednesday, May 27th, Jason and I managed to hike from just above the state highway all the way to the summit. That's 1.8 miles and an altitude gain of 900 feet. Eventually we managed to open some cabinet doors and inside was a working Tripp-Lite suppressor, but a very cold GE MASTR II repeater and controller.

Having seen no smoke damage or explosive remains, we started to explore the power supply where we found a crispy-crittered 10 amp fuse. A few minutes later, with a new fuse in place, Jason threw the switch and the big rig came back to life. Thanks Jason, I was too afraid to throw the switch.

All systems are now back to normal and the big Golden bicycle race is only 3 weeks away with .05 and ARES members providing security and safety coverage to Gilpin and Jefferson county sheriff departments. It seems 449.05 is the only UHF system with the power to cover the twisting canyons from west of Golden to the Peak-To-Peak highway.

Ah, Springtime In The Rockies, a great time for slogging around in the snow and fixing repeaters in the mountains. Please take a look at a couple pictures illustrating this "really cool" radio story. Thanks to Bill (W6OAV), Steve (K0SDC) and Dave (K0HTX) for safely shadowing our adventure by radio.

LOOKING BACK AT THE DRC

Submitted By Jessie, N0HI

Thanks to some hard work by Woody (W0UI) we are going to present some exciting articles structured around vintage RoundTable's.

Woody has been going through his collection of RoundTables of the past and scanning them for our use.

Currently Woody has provided us with 44 scans from 1960, no that is not a typo, and 18 from 1965. He is continuing to sort through his collection and we may be the beneficiary of more articles from the past.

We are looking at the materials and trying to determine how we can present this in future RoundTables. It is very interesting to look back at our club that has such a long history of dedication to the Denver Ham community.

Woody has asked that any "long time" club members that may have similar materials or just may have knowledge of other members from long ago, to please contact him at: richard@rlinwood.com.

Thanks so much to Woody, and be sure to check out a sample of one of the items Woody provided on Page 11.

THE LAKEWOOD SIREN TEST COMPLETED

By Jim, K0TOR

On May 13th the DRC supported the annual Lakewood siren physical inspection and proper siren operation verification. The Lakewood system consists of 27 sirens. This test was supported by the following hams:

Tim (KD0DPR)	Don (KB0USF)	Doug (N4ATA)	Bryan (KE0CTM)	Jay (K0LJW)
Wallis (AC0T)	Terry (N0PQV)	Harvey (KE0CNU)	Ken (KA5DKS)	Barry (KA0BBQ)
Frank (N3PQ)	Grace (KC0UZU)	John (KD0NPP)	Ron (K0HRT)	Dave (WG0N)
Scott (KD0UWS)	Ron (WB0HWP)	Dave (K0HTX)	Steve (KD0WMO)	Kenny (KE0CNS)
Chris (KD0ZYF)	Marshall (KF0UV)	Jason (AC0UA)	Ken (K0YES)	Chad (KC0WWW)
Chris (KD0DUJ)	Bob (KX0I)	Fred (AA0JK)	Bill (W6OAV)	Jim (K0TOR)

The majority of radio communications were conducted on the 145.490/448.625 MHz repeaters, with the alternate 147.330 MHz West repeater. The net control station used the DRC radio station located in the Lakewood Emergency Operations Center.

A total of 30 hams supported this test. This involved a minimum of 2 hours personal time by each ham. So this represents a significant commitment by each one. They took time from their schedule with some taking time from work to support this public service effort. This speaks highly for their desire to support the siren test. Also, many have supported this test over the years. A big THANK YOU, to all the hams who supported this year's Lakewood siren test.

After the test, those that could went to the Lakewood Public Safety Building for pizza and soda. The results of this test disclosed several siren operational problems. Four siren functional problems were reported and three maintenance problems were identified.

Siren verification and evaluation ensures functionality of the sirens for emergency warning should an emergency situation occur. It is important that these tests be performed prior to severe weather season.

Again this year is a Job Well Done!

Following the siren test I received thanks from Brian Nielsen, Environmental Services Section Manager and Mike Hillier, Radio Communications Technician for the City of Lakewood. They are very grateful for our help in making the City of Lakewood safer during critical events and severe weather conditions. Our support is much appreciated.



Siren Tower

SOLAR UPDATE

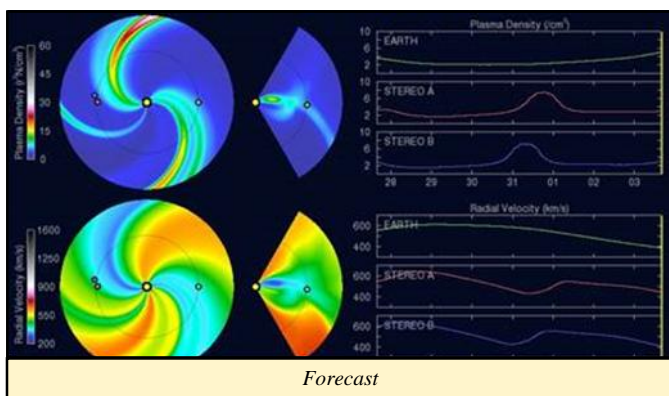
BY FRED, AA0JK

Solar Activity Report



R3 - Strong Radio Blackout From Active Region 12339

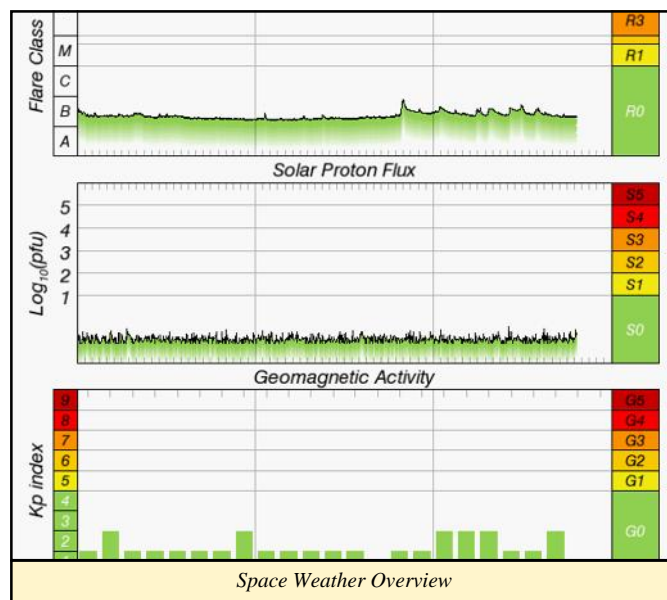
May solar activity started out with a bang, region 12339 causing radio blackout conditions. Also a large Filament, active since February, has ripped across the sun's surface. As it comes back around, we could see increased activity. (The rotational period is approximately 25.6 days at the equator and 33.5 days at the poles)



The remainder of the month's activity has been moderate to quite due to low sun spot activity. Forecasts are based on three day predictions, so check for latest information prior to chasing DX.

Forecast: Solar activity is expected to be very low with a chance for C-class activity over the next few days, primarily due to the increasing development and complexity of Regions 2353 and 2349. Space Weather Overview

NASA is expecting several active regions to be rotating onto the visible disk later this week and into the weekend. They have observed a few, energetic CMEs on the back side of the sun with these regions so expect that overall solar activity will be on the rise in the short to medium term. Stay tuned here for updates.

**THE ROUNDTABLE
ARCHIVE**

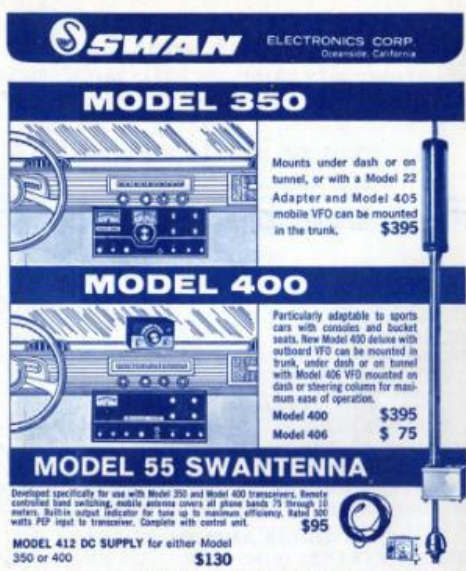
Have you been looking for back issues of the RoundTable? Many are available on the DRC web site.

Scan the QR code
or go to

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

**~ 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



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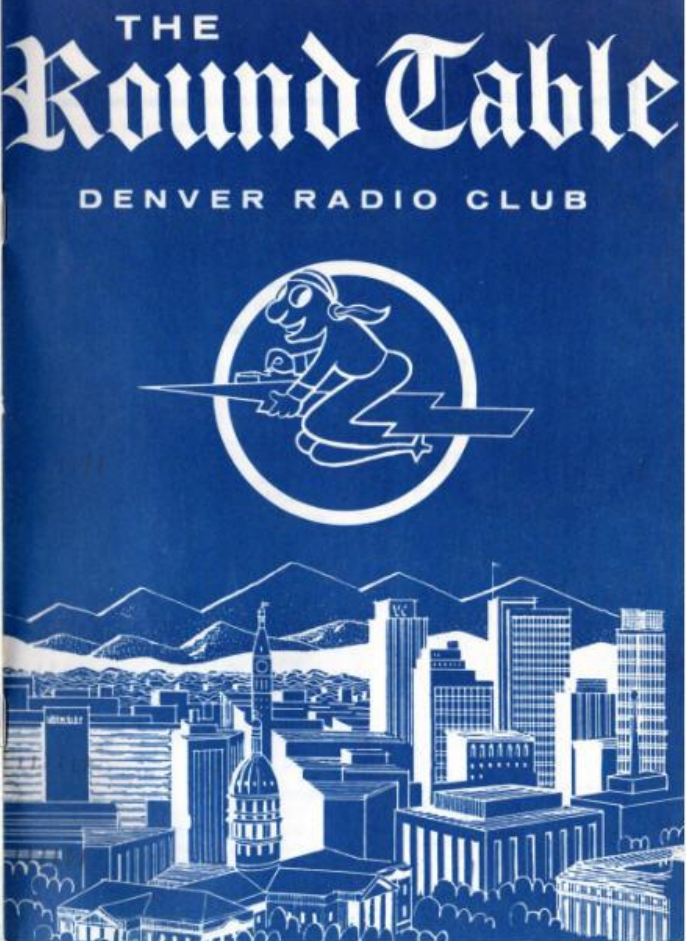
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THE Round Table
DENVER RADIO CLUB

DRC RoundTable August 1965

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

145.490 / 448.625 Repeaters

Watch the RoundTable for any changes to Learning Net Schedule

THE ROUNDTABLE ARCHIVE

Have you been looking for a back issue of the Roundtable? Many are available on the DRC web site. Access <http://www.w0tx.org/RoundtableAccessPage.htm>.



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 13.

Ham Humor, Part 1

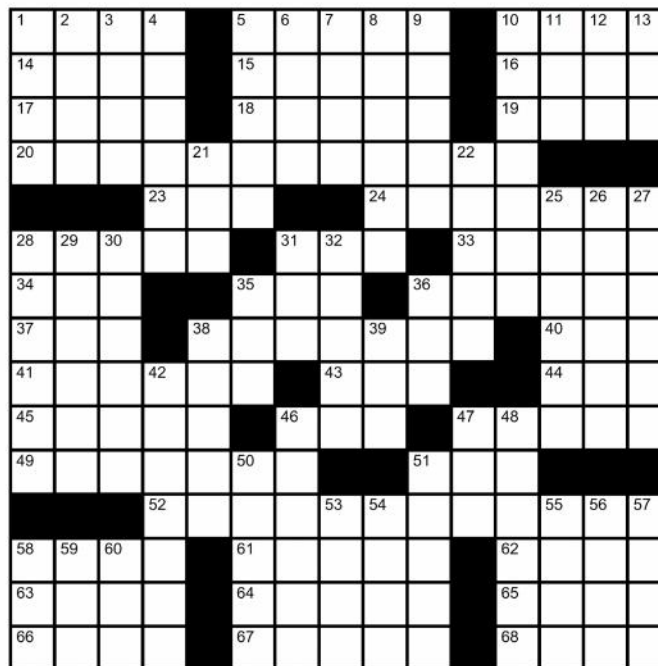
Across

1. Four after A
5. High frequency prefix
10. Two is one
14. Dubai designator
15. Best condition for contesting, or tower climbing, say
16. ZS neighbor's prefix
17. AI language
18. Diminish
19. FET type
20. With 41 and 52 across, society highlighted in 36 across and founded by 31 down
23. VE2 way
24. They make some displays play
28. Skedaddles
31. Buzzer (non-RF)
33. 5N dough
34. Mint alt., on eBay, e.g.
35. "Excuse me", low in the band
36. QST department
37. React. plus res.
38. Hams love them
40. Bird word
41. See 20 across
43. Owns
44. Coffee maker
45. "Sesame Street" regular
46. Cut 100
47. Salad green
49. Kane's word
51. "QRZ?"
52. See 20 across
58. N.Y.C. part
61. 4W, was CR8 during the time of 31 down writing 36 across
62. Tuvalu
63. Houston university
64. 31 down's prefix
65. She sheep

66. Rotating rings for towers
67. "Yes, Sen. Kennedy", familiarly
68. Zero

Down

1. Unadorned
2. Nassau prefix
3. EME antenna
4. IC-7800, say, in JA
5. Grammar topic
6. Radiation pattern feature
7. Ski lift
8. Respond again, on RTTY, say
9. "He's ___ nowhere man"
10. Tool for reducing spectrum width?
11. 20's dispenser
12. JA transceiver maker middle
13. Don'ts partner



21. Famous DXpeditioner, when 31 down wrote 36 across, familiarly
22. Trillions of zeptos
25. Goof
26. Passions
27. 5th century G-land settlers
28. Last second on-line bidder
29. D6 place
30. Poplars, in W0, say
31. Callsign suffix of one time 36 across writer and creator of 20 across.
32. Zero zulu in two-land June
35. Articulate
36. Very popular examples of 38 across
38. Early radio maker
39. Fast no more
42. Decorates 60's-style
46. "...like taking _____

- from a fire hose." (information overload)
47. Half a Latin dance
48. T.O.M.'s series of articles
50. Where the DX might be listening
51. Kit alternative
53. Radiate
54. UHF antenna type, with dis-
55. Prefix in Lombardia
56. First astronaut ham, familiarly
57. Well known DXer KH6JJ when 31 down ran 36 across
58. Disp. device before LCD, LED
59. Early first century year
60. Inter-area NTS org

ELMER SESSION START TIME

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

Come out and join in on the sharing of information.

FACT OF THE DAY

Lightning Surge Transmission Modes

Most homes have three incoming power lines. One is grounded (usually at both ends). It connects to the center-tap of a secondary winding in a power transformer located on a nearby power pole in aerial transmission systems or inside a nearby ground-level cabinet in underground transmission systems. The other two lines connect to opposite ends of the secondary. Lightning may strike lines connected to either side of the primary, or both, to a line connected to either side of the secondary, or both, to the secondary ground line, the ground and either side, or any other combination. As a result, lighting surges may arrive in transmission mode, common-mode, on the ground line, or in any combination. The best protection against ground-line surges is a good home-side ground. Some surge protectors do not protect against all the other possibilities. Look for protectors designated both L-L (line-to-line) and L-G (line-to-ground). ©2005 Martek International, All rights reserved.



WHAT IF THE WEATHER CHANGES?

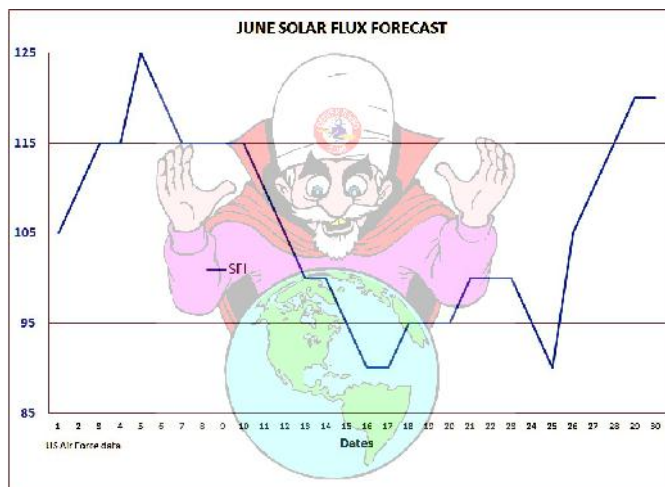
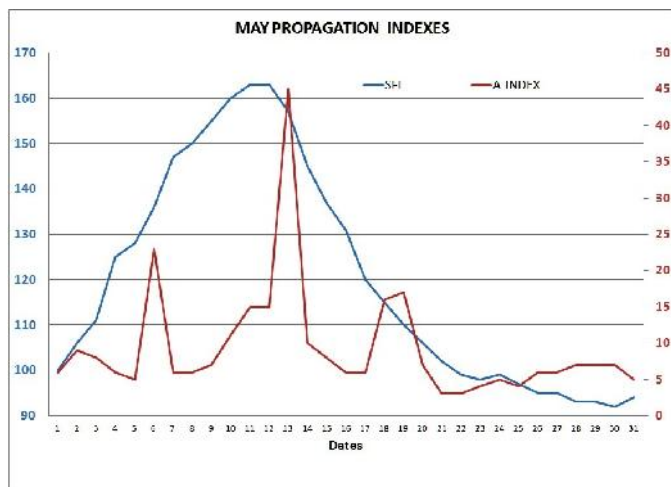
As every Coloradoan knows our winter weather can take a sudden change for the worse. If we should experience a turn in the weather on the day of our monthly DRC meeting it may be necessary to cancel the meeting. If this should happen listen for meeting status reports on 145.49 or 448.625 MHz repeaters during the afternoon on the day of the meeting.

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>.



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

June 6 – **Montrose ARC Tail Gate Party**
Delta, CO
Delta Lions Club Pavilion
<http://www.montrosehamradio.org>

July 11 – **PPRAA MegaFest**
Monument, CO
Lewis-Palmer High School
<http://ppraa.org/megafest>

July 23 – **Central States VHF Society Conf.**
Westminster, CO
<http://csvhfs.org>









August 16 – **DRC Hamfest**
Jefferson County Fairgrounds
<http://www.w0tx.org>

Sept. 27 – **Boulder BARCfest**
Boulder County Fairgrounds
<http://www.qsl.net/w0dk>

Nov. 7 – **285 TechConnect 2015**
Lakewood, CO
<http://na0tc.org>

2016

May 13 – **Rocky Mountain Division Convention**
(HamCon Colorado)
Keystone, CO
<http://www.hamconcolorado.org>

JUNE 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 	3 Learning Net 7:30 p.m. 145.490 / 448.625 (No PL)	4	5	6
7	8	9 	10 Learning Net 7:30 p.m. 145.490 / 448.625 (No PL)	11	12	13 ARRL VHF QSO Party Begins 1800 UTC
14 Flag Day 	15 ARRL VHF QSO Party Ends 0259 UTC	16 	17 DRC Meeting Elmer 6:00 p.m. General 7:00 p.m.	18	19	20
21 ARRL Kid's Day 1800 to 2359 UTC 	22	23	24 Learning Net 7:30 p.m. 145.490 / 448.625 (No PL) 	25	26	27 ARRL Field Day 
28 ARRL Field Day 	29	30				

Check www.ARRL.org for Contests and Rules!

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Web Master	N0LAJ	Bill Hester	Check Roster	Check Roster

DRC REPEATERS

BAND	Freq / Shift / PL Tone	Additional Information
6m	53.090MHz (-1MHz) 107.2Hz PL	
Packet	145.05MHz<>14.105MHz	
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.
NEW 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