



Theodore Roosevelt Amateur Radio Club

Serving Southwestern North Dakota

Website- <http://www.qsl.net/k0alv>

OFFICE HOLDERS OF TRARC

- President*.....Melissa Sheppard/KD0AAK
- Vice President*.....Mike Schaper/KB0XY
- Secretary/Treasurer*.....Dave Sheppard/N0CI
- Emergency Coordinator*.....Gerry Krebs/N0JE
- Newsletter Editor*.....Mick Lewton/KC0RLF
- Public Information Officer*.....Melissa Sheppard/KD0AAK

TEST SESSIONS

If you are in need of a test session, contact either Jim Fahy N0JS or Emil Wiegler/N0DK. Jim is associated with ARRL VEC and Emil is with W5YI VEC. They will let you know when the next test session will be held.

Jim: 701-483-6548

Emil: 701-483-4953

- ◆ March 1: TRARC meeting, 7 pm @ LEC.
- ◆ Remember that everyone is welcome to join fellow hams for morning coffee at Arby's 10:00 am, Monday thru Friday; Friday at 5:30 pm pizza at Happy Joes; Saturday morning breakfast at the Dairy Barn 9:00 am.
- ◆ Western North Dakota ARES Net: 8:30 pm every Tuesday.

The President's Thoughts

Dear TRARC Friends,

Wow, here it is February 2010! We still have lots of snow...I guess it's another wet winter. I recently spent some time talking to some emergency disaster service managers and everyone is busy preparing for the possibility of another spring of floods in North Dakota. Let us hope the thaw is gradual and manageable.

I owe a **very big bucket of THANKS** to Mike Schaper , KB0XY, and Dave Sheppard, N0CI, for running the February club meeting. I was away at a disaster institute in South Dakota and they both stepped up to the plate so well! Thank you Mike and Dave!

As you recall, the club decided at the January meeting to suspend the spring Technician Saturday classes and try a *new way*...where we licensed hams would mentor licensee aspirants as they self-studied. A good number of hams offered to mentor aspirants. The club would still offer an orientation and exam preparation "cram" session in the late spring.

By the time you receive this newsletter I will have publicized our new program. I hope this new way will bring us new hams and more club members!

Fraternally, 73,
Melissa Sheppard KD0AAK

Theodore Roosevelt Amateur Radio Club

Meeting Minutes

February 1, 2010

Mike, KB0OXY, Vice President called the meeting to order.

Introductions of members and guests followed.

Minutes submitted by Dave, N0CI, Secretary/Treasurer.

Minutes of last meeting were approved on a motion by Emil, N0DK and seconded by Jason, KD0HCR. Motion carried.

Dave, N0CI, gave treasurer's report. Motion to approve treasurer's report made by Dennis, KD0DDD and seconded by Margaret, KB7ITR. Motion carried.

Old Business

- A. Tech Class-Melissa, KD0AAK will move forward with setting a date for orientation and getting the classes publicized.

New Business

- A. Killdeer repeater-We have received reports that the Killdeer tower was damaged in the last storm. We will wait until spring to assess damage and make repairs.
- B. Mark, WB0OAJ, reported that Mark Tollefson, W0ZCM, and wife, Elizabeth, are doing well at St. Lukes. If you have time stop by and say hello to Mark and Elizabeth. They would enjoy the visit.

Winner of the meeting drawing was Dennis, KD0DDD. Congratulations!

Meeting adjourned

March Birthdays

Evelyn	Wehner	KC0HKR	3/7
Linda	Pavlicek	KC0ADJ	3/10
Tyler	Hansey	KD0TJH	3/11
Sara	Fahy	KC0CIB	3/19
Odo	Muggli	WA0UQD	3/19
Mike	Walton	KC0ADK	3/27
Brandon	Wehner	KC0EAK	3/27
Naomi	Wehner	KC0OMI	3/27
Lawrence	Huschka	N0JTR	3/29

"HAM SNIPS AND TIPS"

As everything is or has gone digital...here is a little guide to those who want to know a bit about D-STAR. I'm still looking for more submissions! They can be about **anything** you think we hams might enjoy! Stories of hams here in ND, reminisces, histories about the club and how we grew...setting up repeaters (who all did that and when?), tech tips, ham humor and fun! Just email or snail me. Handwritten notes are fine too!

The following is reprinted from ARRL.org

Melissa KD0AAK

Viewing the New Star of Ham Radio

By Stan Horzempa, WA1LOU

February 05, 2010 Digital Smart Technolog for Amateur Radio -- better known as D-STAR -- is a means of transmitting and receiving voice and data digitally, rather than via analog means. Developed by the Japanese Amateur Radio League and championed by ICOM, the system first hit the airwaves in late 2004.

Like most things that were "new" in ham radio (such as SSB, FM and packet), D-STAR grew slowly at first, but began taking off during the end of the last decade and now has approximately 11,000 users today. Most of those users are on the air using D-STAR repeaters, which number more than 500 worldwide. Linking repeaters over the airwaves and via the Internet provides long range communications far beyond the normal boundaries of 2 meters, 70 cm and 23 cm, i.e., the bands where D-STAR operates.

If D-STAR is of interest to you, there are some Web sites that you should check out. Your first stop should be www.dstar.info.com where you will find D-STAR news, applications, maps and a FAQ, as well as many other things that are D-STAR-centric. Another place to stop is the Independent Radio Club's tutorial on D-STAR (www.ladstar.org/tutorial.htm) which has a short and simple guide that explains the basics of D-STAR. Also www.d-starusers.org should also be on your D-STAR tour. There you will find lists of active D-STAR users and repeaters, as well as applications that interact with D-STAR. Last, but not least, be sure to check out the [D-STAR hardware](#) available from ICOM. Their site also has more details about the mode, as well as a FAQ.

Welcome to the North Dakota ARRL Section News for January 2010.

The New Year is now in full swing and by all indications we will have a busy 2010 with hamfests, our 2nd Annual ND QSO Party, Field Day and the possibility of flooding in many areas of North Dakota. Your ARRL Team has been working behind the scenes to put together a comprehensive ARES plan for North Dakota. Go to www.w0cq.com to see the plan when it is finalized sometime in March.

**** Upcoming Events **** The Bismarck Hamfest will be held on February 27, 2010 from 7 AM until 3 PM at St. Mary's Grade School in Bismarck. The Red River Radio Amateurs will host the West Fargo Hamfest on April 17th 2010 with details at www.rrra.org. There will be a ARRL Forum at the Bismarck and West Fargo Hamfests with Richard Budd; (W0TF) discussing the ARRL Official Observer Program and Melissa Sheppard; (KD0AAK) discussing the ARES plan for North Dakota. Also, Dave Heintzleman; (K8BBM) will have a North Dakota Net Control meeting at both hamfests. The North Dakota QSO Party will be held on March 20th & 21st, 2010 and it will be a full 24 hour contest this year. Go to www.w0cq.com for both the upcoming Hamfest listings, the ND QSO party rules and much more.

**** January Net Report **** The Goose River Net on 160 Meters- 1.895 MHz, Sundays at 8:30 AM CST reported 5 Sessions, 71 Check-ins & 1 Message passed.

The ND WX Road Net on 75 Meters- 3.935 MHz, 8:30 AM CST & 12:30 PM CST, Monday thru Sat reported 52 Sessions, 1241 Check-ins & 9 Messages passed, and the DataNet on 75 Meters- 3.395 MHz, 5:00 PM CST, daily reported 31 Sessions, 729 Check-ins & 9 Messages passed. Also, we have added another net report this month and that is the "Boat Anchor Net" on 80 Meters- 3.935 on Saturdays after the 12:30 PM CST ND WX Net. They reported 5 Sessions, 64 Check-ins and no traffic.

As many of you have noticed, we have been experiencing QRM on 3937 kHz due to the band conditions at sunrise and sunset and the frequency of 3935 KHz has been excellent solution. We have now permanently moved to 3935 KHz.

The Tenth Region SSB Traffic Net is meeting seven days a week at 10:00 AM and 3:45 PM on 7.275 MHz. The purpose of this net is to handle traffic to, from and within the Tenth Region. We need operators from all sections to check in and handle the traffic for their respective section or bring traffic from their section for relaying out. Per - Jerry L Clark, KC0VTT, 10th Region Traffic Net Manager.

**** Section Managers Notes **** Thanks to all North Dakota Amateurs for increasing the check-in activity on all of our nets. It's nice to hear stations in all areas of the state. We have also announced that the "Fertilizer Net" (an informal net) has been moved to 3935 Khz. All stations wishing to ragchew or call another station can use 3935 Khz as the place to call. This will also be the frequency we can use for bad weather, trying to reach someone in ND or just a place for the mobiles to monitor.

MAKE SURE YOU CHECK THE NORTH DAKOTA SECTION NEWS FOR THE LATEST NORTH DAKOTA ACTIVITIES & NEWS AT www.arrl.org. If you have any special announcements, feel free to email me w0cq@arrl.org. Until next month... 73's

Lynn - W0CQ

TRARC Newsletter Editor
 Mick Lewton / KCØRLF
 11121 31P St SW
 Dickinson, ND 58601

TRARC Membership / Renewal Application


<u>Name</u>	<u>Call</u>	<u>License Class</u>	<u>B-Day</u>	<u>ARRL</u>	<u>VE</u>
1 _____	_____	_____	Mo() Day()	Y N	Y N
2 _____	_____	_____	Mo() Day()	Y N	Y N
3 _____	_____	_____	Mo() Day()	Y N	Y N
4 _____	_____	_____	Mo() Day()	Y N	Y N
5 _____	_____	_____	Mo() Day()	Y N	Y N

Address _____ City _____ State _____ Zip _____ - _____

- Membership Type**
- Family \$30
 - Regular \$25
 - Digital User \$10
 - Under 16 \$10
 - Over 65 \$10
 - Newsletter Only \$8

Home Phone Number () _____ - _____

E-mail Address _____

<p>Mail this form to:</p> 	<p>TRARC PO Box 1854 Dickinson, ND 58602-1854</p>
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*Note: The information on this form will not be given out. It is only used to maintain a database of information for all club members. If you do not feel comfortable giving out this information, you are **not** required to do so.*