



UNIVERSITY AMATEUR RADIO CLUB

N7UW

P.O. BOX 3625

LARAMIE, WYOMING 82071

March, 2002

PRESIDENT: Anthony Arnerich KD7TA

VP/SECRETARY: Suzanne Luhr KD7NAF

TREASURER: Brent Gurnsey KC0FUP

EDITORS: Wayne M. Sutherland NQ7Q and Bill Wright AF7E

UARC MEETING

The regular meeting of the University Amateur Radio Club will be held on Tuesday, March 5, 2002 in the UW Engineering Building Rm. 2101 at 7:30pm. Talk-in on 146.61 MHz repeater in case of room reservation malfunction.

MESSAGE FROM THE PRESIDENT

Delayed "Gratification"

Well, I'll be around after all for this month's UARC meeting, contrary to what I thought a month ago. Suzanne will just have to wait for the April meeting to flex her Vice-presidential gavel-pounding muscles!

It seems that the big telemetry installation that I'm to do in Egypt has fallen temporary victim of some new regulations about radio equipment type acceptance, after building what their government ordered. Seems like al-Murfi (Arabic for Murphy of Murphy's Law fame) had a hand in this. Well, as I've been warned, "things happen when they happen, and not sooner." Anybody want to take a bet that I'll be around for the April meeting too? This is going to be an interesting trip if it ever gets started. I'll be working around some extensive geophysical instrument installations while dodging scorpions and Nile crocodiles in the southeast corner of the country.

Anyhow, we'll have a few more things to talk about for Field Day preparations to brighten up our March meeting. See you all on March 5th!

73,
de Tony KD7TA

UARC CALENDAR

Mar 2-3 ARRL DX SSB Contest, 160-10m*
Mar 2-23 Sp. Event, 30th Iditarod Sled Dog Race, 28.460, 21.315, 14.246, 7.290
Mar 5 UARC Regular Meeting 7:30 pm
Mar 9 Sp. Event Brainerd, MN Ice Fishing Extravaganza, 28.450, 21.350, 14.250
Mar 9-10 WI QSO Party, All Bands*, CW, SSB, & FM
Mar 16-17 Alaska QSO Party, 160-10m* + satellites, CW & SSB
Mar 16-17 VA QSO Party, 160-10m* + VHF & UHF, CW & SSB
Mar 16-17 MT QSO Party, 160-10m*, Phone & CW & Digital
Mar 23-24 CQ WW WPX Contest 160-10m* SSB
Mar 23-24 OK QSO Party, 160-10m* + VHF & UHF, Phone & CW & Digital
Apr 2 UARC Regular Meeting 7:30 pm
Apr 6 Longmont, CO Hamfest
* Note: Contesting does not include WARC bands (30m, 17m, & 12m)

UARC MEETING MINUTES FOR FEBRUARY 5, 2002

Call to Order: President Tony KD7TA called the February meeting to order at 7:31 pm in room 2101 of the Engineering Building. Introductions were made: all officers were present; 20 members were in attendance. Those present were: Tony Arnerich KD7TA, Jim Ackerson N7SPH, Dick Wynes KA7VMA, Bob Gonzales N7OBS, Brent Gurnsey KC0FUP, Rhett Downing ND7O, Mac McDonald WB7K, Jerry Tastad N7JT, Bob Hansen WS7C, Lynn Hamblin KB7SGP, Suzanne Luhr KD7NAF, Laura Harris KD7KMT, Red Peters KK7BR, Bill Wright AF7E, Wayne Sutherland NQ7Q, Bill Frazier N7SXC, Doug Wheeler KD7W, John Harrison KD7NAE, Barry Mather KB7VQV and Joe Johnston KE6JKB.

Minutes of the Last Meeting: Bill AF7E and Wayne NQ7Q both moved to approve the minutes from the January meeting. All approved.

Reports:

Treasurers Report- Deposits: \$50⁰⁰ in dues; Payments: Forest Service bill, \$87²², Phone bill, \$21⁷³; Maintenance Fund has \$500⁰⁰; Total Account Balance of \$431²⁹.

VEC Report- Two people tested on Feb. 2. Wes Luhr passed the Element 2 exam to receive his Technician license, and Suzanne KD7NAF upgraded to General.

ARES- Mac WB7K announced a meeting Feb. 12, the topic being disaster preparedness. He mentioned meeting with the Emergency Management Design Team.

Presidents Report- Tony KD7TA attended the UWYO Budget Session. He will fill out the paperwork stating we are here but do not need money. Since we do not need to request money, we do not need to continue in the budgeting process.

Old Business: No old business.

New Business: Dick KD7FHE has been appointed UARC Net Manager. Dick will be organizing a schedule for people to call the Sunday Net, Sundays 6:45 p.m., 146.610 repeater. New volunteers will help take the load off the regulars, while giving the newcomers experience as Net Controller. Dick wasn't at the meeting to add his comments, but the sign-up sheet added a column asking for volunteers for this task, and this list will be passed on to Dick.

Field Day-

New Field Day Rules: GOTA-“Get On The Air”. GOTA is intended for operation by Novice and Technician operators or by generally inexperienced hams as well as yet-unlicensed or ‘under-licensed’ operators working under the privileges of a licensed control operator.

Any Class A Field Day entry operating at least 2 transmitters may include a GOTA station that will not count as an additional transmitter for the purpose of entry category.

GOTA stations may operate on any Field Day band and mode, only one GOTA at a time.

GOTA station may complete up to 400 QSO’s to be counted toward the group’s total score.

100 additional points if it completes 400 QSO’s.

Also, 2002 is the first year in which stations throughout the Americas have been invited to participate in Field Day, so that should open it up more.

Major Field Day Volunteers:

Field Day Chairman-Jim N7SPH.

Site Selection Committee-Bill AF7E, Wayne NQ7Q, Jerry N7JT.

Meal Coordinator-Still need people to buy, transport and cook the food.

CW Operator Scheduler-Jim N7SPH is sure Walt Marshall will do it if he can just get a hold of him.

Radio Equipment Coordinator-Brent KC0FUP.

There was a vote for a FUN over a SERIOUS Field Day. The belief is that if we’re having fun, we’ll make more points.

Next was the question of QRP over QRO. Wayne NQ7Q votes for QRP. Rhett ND7O made some comments on QRP. Mac WB7K says NASA predicts a double peak. Rhett says to hold off and monitor geomagnetic reports. But I guess QRP is the favored mode.

How many stations do we want? Bill AF7E says 2 stations are sufficient. The question of GOTA returns. Jim N7SPH says it’s not worth it, but Tony KD7TA pointed out that a 2m station might be worth it, as it would not interfere with HF. Jim moves to have a CW station and Single-Sideband station. Motion carries. So, where did we leave GOTA?

Need schedule for CW and Phone operators.

Site location is still open.

Tony KD7TA will make a map when a site is settled on.

Equipment needed:

Mac WB7K has the camp trailer to use again as CW shack. Just don’t use the ‘facilities’!

Wayne NQ7Q has an antenna and tower.

Bill AF7E has the tent; porta-john still in question.

Jerry N7JT and Wayne NQ7Q have and will bring spare hardware for tower and beam.

Jerry N7JT, Tony KD7TA, Mac WB7K and Rhett ND7O have lanterns.

Need to check with Paul W7MO on the clubs’ laptops for logging.

Check to see if Walt Marshall and his tower and antenna will be there.

Brent KC0FUP asked about batteries-a discussion ensued. Tony KD7TA will contact Steve WL7CMA to see if he will contribute power packs again this year. We will get back to the battery discussion.

Saturday evening meal:

Question is, will the club pay for food and drinks? Wayne NQ7Q moves that it does. Bill AF7E seconds. Rhett ND7O says to do what we always do. Wayne withdraws his motion. Rhett moves that the club buy the meat, buns and pop, and potluck the rest. Motion carries. Doug KD7W moves we have espresso for the next morning.

Anybody want to second that? Man, I'm dizzy!

Tony KD7TA and Mac WB7K have grilles/stoves for cooking.

Brent KC0FUP and Bill AF7E have tables. Brent moves the club buy a roll of table covering.

Wayne N7JT will cook burgers if Rhett ND7O gets the food up there. Is it a deal?

Do we want to set up the Friday before Field Day? Rhett ND7O moves we do so, as it worked out really well last year.

Who will obtain entry forms and submit them? Tony KD7TA? Jim N7SPH? Paul W7MO? Jerry N7JT?

Tony KD7TA checked into insurance; the astronomy club has no insurance. They wing it. So will we. Bill AF7E drops a hint: even the Forest Service recommends we not organize. Brent KC0FUP moves we go 'stealth'. Motion carries.

Other New News

Jim N7SPH wants a desk mike. Tony KD7TA says he has one he would loan, but might want to test it first. Wayne NQ7Q says they can test it at the 160 m contest coming up.

Next there was a garbled discussion on tuners. There was a vote to buy a new tuner. All agreed, and Jerry N7JT was appointed to look for one at the upcoming Hamfest, not to exceed \$100⁰⁰. Mac WB7K has a backup tuner if needed.

When asked, Jerry N7JT stated the donated Kenwood TS450S radio made it half way to the tower-it's in his lab.

Mac WB7K puts in his 2 cents worth on the bill designed to put the kibosh on ham communication while driving. HB0010 – "Use of Mobile Communication while Driving", sponsored by Rep. Esquibel has broad enough wording to include ham mobile communications in the ban. Let your feelings be known to Rep. James Slater (Albany), 742-6378, 1727 Rainbow, Laramie, 82070. Or go to: <http://legisweb.state.wy.us/> and email Rep. Slater. Send QSL cards! Rhett ND7O tells a story about bills being defeated with QSL cards. Move quickly as they'll be in session soon. So in other words, by the time you read this, it may be too late. Call the Bill Status Hotline: 1-800-342-9570 to see where the bill stands.

Announcements:

Tony KD7TA will be gone the next meeting. Suzanne KD7NAF will be gone the next meeting. Okay, just kidding. Tony will be out of town on business, and Suzanne graciously (is that what you said, Tony?) agreed to run the March meeting.

After this meeting there will be a club picture with the 2001 WY Section Field Day award.

Jerry N7JT announces the next Hamfest in Brighton on February 17. He will be going.

Comments: With the Olympics starting this week, be sure to monitor 146.520 simplex and the repeater frequency 146.610, to respond to any calls for assistance (or just friendly calls) from traveling hams.

Meeting Adjourned: The meeting was adjourned at 8:38 p.m., and someone then remembered the drawing. Mac WB7K drew Wayne's call sign NQ7Q, for a year's subscription to World Radio. Way to go Wayne!

Club photos were taken.

Adios,
Suzanne KD7NAF

425 DX NEWS' MOST WANTED DX COUNTRIES

For those of you who chase DX, the following list is a survey of the 100 most wanted countries compiled by the *425 DX News* from a limited number of respondents, primarily in Europe and North America.

Pos	Prefix	Country	Continent
1	VP6D	Ducie Isl	OC
2	P5	North Korea	AS
3	VU4	Andaman & Nicobar Is.	AS
4	BS7	Scarborough Reef	AS
5	VU7	Laccadive Is.	AS
6	VP8SA	South Sandwich Is.	SA
7	7O	Yemen	AS
8	3YP	Peter I I.	SA
9	FRJ	Juan de Nova, Europa	AF
10	KP5	Desecheo I.	NA
11	KP1	Navassa I.	NA
12	KH1	Baker & Howland Is.	OC
13	VP8G	South Georgia I.	SA
14	FT8W	Crozet I.	AF
15	VP8O	South Orkney Is.	SA
16	YA	Afghanistan	AS
17	YV0	Aves I.	NA
18	FT8X	Kerguelen Is.	AF
19	ZS8	Marion Isl.	AF
20	KH7K	Kure I.	OC
21	3YB	Bouvet	AF
22	CE0S	San Felix & San Ambrosio	SA
23	FRG	Glorioso Is.	AF
24	TI9	Cocos I.	NA
25	KH9	Wake I.	OC
26	3C0	Pagalu I.	AF
26	ZL8	Kermadec Is.	OC
28	VK9M	Mellish Reef	OC
29	SY	Mount Athos	EU
30	VK0H	Heard I.	AF
31	FT8Z	Amsterdam & St. Paul Is.	AF
32	PY0T	Trindade & Martim Vaz	SA
33	PY0S	St.Peter & St. Paul	SA
34	T33	Banaba Is	OC
35	CY0	Sable I.	NA
36	KH5	Palmyra & Jarvis Is	OC
37	TN	Congo	AF
37	XF4	Revilla Gigedo	NA
39	FKC	Chesterfield Isl.	OC
40	ZK3	Tokelau Is.	OC
41	T31	C. Kiribati	OC
42	JD1M	Minami Torishima	OC
43	ST	Sudan	AF
44	VK9W	Willis I.	OC
45	T5	Somalia	AF
46	KH3	Johnston I.	OC
46	VK0	MMacquarie I.	OC

48	FOM	Marquesas I.	OC
49	BV9P	Pratas	AS
50	KH4	Midway I.	OC
51	1A0	Sov. Mil. Order of Malta	EU
52	S0	Western Sahara	AF
53	JD1O	Ogasawara	AS
54	ZL9	Auckland & Campbell Is.	OC
55	3C	Equatorial Guinea	AF
56	FRT	Tromelin I.	AF
56	KH5K	Kingman Reef	OC
58	9U	Burundi	AF
59	S2	Bangladesh	AS
60	H40	Temotu Province	OC
61	FOC	Clipperton I.	NA
62	3D2C	Conway Reef	OC
63	3X	Guinea	AF
64	ZK2	Niue	OC
65	FOA	Austral I.	OC
66	ZD9	Tristan da Cunha & Gough	AF
67	HK0M	Malpelo I.	SA
68	C2	Nauru	OC
69	XZ	Myanmar	AS
70	4W	East Timor	OC
71	4U1UN	United Nations HQ	NA
71	YI	Iraq	AS
73	T32	E. Kiribati	OC
74	CY9	St. Paul I.	NA
74	VP8SH	South Shetland Is.	SA
76	TY	Benin	AF
77	VK9X	Christmas I.	OC
78	T30	W. Kiribati	OC
79	ZK1N	N. Cook Is.	OC
80	E4	Palestine	AS
81	T2	Tuvalu	OC
82	9X	Rwanda	AF
82	TT	Chad	AF
82	VK9L	Lord Howe I.	OC
85	9N	Nepal	AS
86	9Q	Dem. Rep. of Congo	AF
87	R1MV	Malyj Vysotskij I.	EU
88	VK9C	Cocos-Keeling Is.	OC
89	EP	Iran	AS
90	3B6	Agalega & St. Brandon	AF
91	9L	Sierra Leone	AF
92	YK	Syria	AS
93	3D2R	Rotuma I.	OC
94	3B9	Rodriguez I.	AF
95	XU	Cambodia	AS
95	XW	Laos	AS
97	KH8	American Samoa	OC
98	R1FJ	Franz Josef Land	EU
99	7P	Lesotho	AF
100	E3	Eritrea	AF
100	JX	Jan Mayen	EU

NO MORE TALKING ON YOUR RADIO WHILE MOBILE ?

Tate KC7ZRU sent Tony KD7TA a note about proposed Wyoming legislation that prohibit the use of communications devices while driving. Read it at: <http://legisweb.state.wy.us/2002/Introduced/HB0010.pdf>

Tate's commentary is appropriate: I don't think his (the bill's author) intention is to target mobile ham operations, but as the bill is written now - it will. Make no mistake about that. FCC preemption, licensed operations, whatever - all those arguments aren't going to mean a thing to the officer that tickets you for using your mobile rig while driving. You may be able to beat the ticket in court, but to date, there have been no 'test cases' in any of the states that have already passed these kinds of laws. You'll be left with the hassle and expense of fighting it. As positive as we may want to be - this one's going to bite us if it goes through.

Current status is available at: <http://legisweb.state.wy.us/2002/status/purple.htm>

HAM GEAR FOR SALE

SWAN 100MX HF Transceiver, 80-10m (no WARC), 12v operation, 140W, works well mobile, with microphone, manual, service notes and 2 power plugs. **Drastically reduced to only \$180.** Contact NQ7Q Wayne at 307-761-4703 or nq7q@arrl.net.

Yaesu QRP FT-301S HF Transceiver, 160-10m (no WARC), 12v operation, 10W, \$275. Contact N7JT Jerry at 307-742-4033.

EDITORS' NOTES

This sunspot cycle appears to have had a double peak, and this year's propagation may be just as good as last years. Don't miss out on worldwide communications. Get active.

If you perhaps would like to write an article, editorial, or other comment for the COTW, please send your material to our e-mail addresses at: nq7q@arrl.net and af7e@juno.com.

73, Wayne NQ7Q & Bill AF7E

Don't forget the formula $468/f$, where f is the frequency in MHz. It will give you the approximate length of a half wave dipole in feet. With that information, a bit of wire, some coax, and a connector, you can get on the air with ham radio.

qtx