



Loveland Repeater Association Newsletter

<http://www.info2000.net/~lra>

The official organ of the Loveland Repeater Association, a non-profit organization supporting all aspects of Amateur Radio in the Loveland, Colorado area.

LRA Officers	
President.....	Dennis "Duff" Dyer, W0XYZ, 593-9984, w0xyz@info2000.net
Vice-President.....	Ted Cline, N0RQV, 593-9303, ted_cline@hp.com
Secretary/Treasurer/Editor.....	Rick Kile, WB7THT, 962-9179,wb7ttht@earthlink.net
FM Repeaters	
2 Meters.....	147.795 (in)/147.195 (out) MHz (100 Hz Subtone; 1* on, 0* off)
440.....	449.575 (in)/444.575 (out) MHz (100 Hz Subtone; 1* on, 0* off)
Packet Node W0KKT/W6PQS.....	144.91 MHz
Interference Coordinator.....	Ted Cline, N0RQV, 593-9303, ted_cline@hp.com
General Repeater Maintenance.....	Dennis "Duff" Dyer, W0XYZ, 593-9984, w0xyz@info2000.net
Repeater Macros.....	Jason Fellingham, KC0AIS, 622-8632, kc0ais@juno.com

President's Corner

From Dennis "Duff" Dyer, W0XYZ

I won't be at the February meeting as I have a work commitment in Belgium, so Ted will be handling the meeting. Greg KB0QOL has some exciting information for us on LRA hats to complete our ensemble. Leroy WA4MHP is going to present a program on ARESDATA, a packet database used in California, mainly for resource and people tracking at shelters. If you have a portable packet station that you can bring to join the fun please do. No special software needed, just a terminal emulator. Also, Ted will have order forms for shirts at the meeting. I will place the next order just as soon as I return from Europe.

On a side note, last week I was deployed to St. Louis with my National Medical Response Team for Weapons of Mass Destruction. Luckily, no terrorists attended mass, so the week just consisted of drills and training. 73's Duff, W0XYZ

Repeater News

From Dennis "Duff" Dyer, W0XYZ

On 11 Jan 99, after a longer than normal wait we received word via email the new and hopefully properly made crystals for our UHF machine had arrived. No other news to report.

Next Meeting

The next LRA meeting is scheduled for Saturday, 6 March 1999, at the Wayside Inn in Berthoud, CO. A buffet breakfast is served at 8:00AM and includes scrambled eggs, bacon, potatoes, biscuits and sausage gravy, French toast, juice, and coffee for \$6.00. The business meeting starts at 9:00 AM.

February 99 Meeting Report

From Rick Kile, WB7THT

Vice President Ted Cline, N0RQV, opened the meeting, with 43 people present. Following introductions, Rick Kile, WB7THT, gave the Treasurer's and Newsletter reports. The 1999 budget was discussed and adopted. Dennis Agosta, W0DSA, reported on the upcoming training class. Planned to start on Friday, 12 Feb 99, from 7-9PM. Cost is \$25 if you need a book, and \$10 if you bring your own book. Dennis is expecting 20-30 people so he has not been advertising. Steve Babcoke, WB0UWE, gave the ARES report. There is lots of planning right now but not much activity.

The Aurora Repeater Association swapfest at the Adams County Fairgrounds on 14 Feb 99 is the next swapfest. As of 1 Feb 99, Palestine has been assigned the prefix E4. The new prefix will be added to the DXCC list in Oct 99. Greg Larson, KB0QOL, reported on availability of club hats. Greg passed around an order sheet for the hats. For orders of 20 or more hats the price was \$6; less than 20 hats came to \$6.50.

The passing of King Hussein, JY1, was discussed. Several members mentioned stories they had heard. In one case, during an SSB contact the King was asked if he ever worked CW. His response was reported to be "I'm the King. I don't have to work CW". In another case, a ham in contact with JY1 did not believe he was really talking to King Hussein. As the story went, the next a tall gentleman wearing a turban rang his doorbell and presented him with a QSL card signed by the King.

Clyde Glass, N0CG, is doing an update to the ARRL Net Directory for the Front Range. Send any information on local nets to Clyde. We had a short video on the end of CW operations in the maritime services, followed by a discussion of ARES activity by Randy, WB6AVV.

LeRoy Sutter, WA4MHP, gave a demonstration of ARES Data. Dick Reeve, KB0WWA won \$18 in the 50/50 drawing and donated it to the club.

Membership Drive Status for February 1999 **From Rick Kile, WB7THT**

Through 19 February we have received 69 membership renewals and new memberships, including 12 family members, for a total of 81 members. This is the last month I will run the renewal form. The April newsletter will only be mailed to members who have renewed for 1999 so please take the time to fill out the form and send it in

From our Secretary/Treasurer for January 1999 **From Rick Kile, WB7THT**

(Monies removed for this WWW posting)

Solar Update **From the ARRL Letter**

Sun watcher Tad Cook, K7VVV, Seattle, Washington, reports: Solar activity took a great leap forward this week. The solar flux on February 14 was 204.6, which is the highest it has been since April 19, 1992, when it was 205.7 The Valentine's Day sunspot number of 211 was the highest since July 12, 1992, when it was 215. Both of these earlier readings were from the down side of the previous solar cycle. Average solar flux for the week was up nearly 72 points compared to last week, and average sunspot numbers increased by almost 120. As a result of higher solar activity, conditions on the higher end of the HF spectrum were much improved.

A major geomagnetic storm at 0250 UTC on February 18, put an end to the "sunny" outlook. The resulting planetary A index for the day was 54. The high-latitude A index was 89, and the associated K indices went as high as 8, which is extremely disturbed. The should result in auroral displays. The predicted A index is 30 for February 19, 15 for February 20, and 10 for February 21. This does not bode well for the ARRL International CW DX Contest this weekend, although by Sunday conditions probably will have recovered.

A look at recent solar images shows quite a few pox on ol' Sol. Check out some recent solar images at http://www.sec.noaa.gov/solar_images/ImageIndex.cgi. Click

on any small image to make it larger. For a more dramatic presentation, see the animated solar rotation at <http://spaceweather.com/java/solar-anim.html>. For Friday through Sunday, look for solar flux values of 160, 155, and 150. Expect the solar flux to continue down to around 135 on Monday, 125 on Tuesday, then below 120 around February 27, 110 around March 1 and 2, and bottoming out for the short term at 105 from March 3-5. Based on the current 27.5 day solar rotation, solar flux should rise again, going above 150 after March 9, 170 after March 11, and hit below 200 before mid-month. Unsettled to active geomagnetic conditions are forecast for March 10-12.

Sunspot numbers for February 11 through 17 were 84, 165, 199, 211, 167, 176, and 135, with a mean of 162.4. The 10.7-cm flux was 163.5, 188.4, 198.4, 204.6, 190.1, 191.8, and 189.8, with a mean of 189.5. The estimated planetary A indices were 16, 21, 7, 9, 13, 4, and 16, with a mean of 12.3.

March 99 Contest Information **From the WA7BNM Contest Calendar**

ARRL Int. DX Contest: Phone 0000Z, Mar 6 -2400Z, Mar 7
RSGB Commonwealth Contest: CW 1200Z, Mar 13 -1200Z, Mar 14

Wisconsin QSO Party: 1800Z, Mar 14 -0100Z, Mar 15

Alaska QSO Party: 0000Z, Mar 20 -2400Z, Mar 21

Bermuda Contest: 0001Z, Mar 20 -2400Z, Mar 21

BARTG WW RTTY Contest: 0200Z, Mar 20 -0200Z, Mar 22

Russian DX Contest: 1200Z, Mar 20 -1200Z, Mar 21

Virginia QSO Party: 1800Z, Mar 20 -0500Z, Mar 21 and 1100Z, Mar 21 -0200Z, Mar 22

CQWW WPX Contest, Phone: 0000Z, Mar 27 -2400Z, Mar 28

King Hussein, JY1, SK **From the ARRL Letter**

Radio amateurs around the world joined in mourning the recent death of Jordan's King Hussein, JY1. Hussein, 63, died February 7. The Middle East's longest-reigning ruler, he'd been Jordan's king for 47 years, taking the throne when he was just a teenager. His son, Abdullah, 37, succeeds him. Hussein had been active in recent months from the US while seeking cancer treatment at Minnesota's Mayo Clinic. A QSO with JY1 was considered by many hams to be both an honor and a privilege. His elegant QSL card was prized.

Hussein was a life member of the ARRL. ARRL Executive Vice President David Sumner, K1ZZ, called him "an enthusiastic radio amateur whose support was invaluable to us in obtaining new amateur bands at the 1979 World Administrative Radio Conference." Sumner recalled that in May 1979, International Amateur Radio Union President Noel Eaton, VE3CJ, was invited to Amman to meet with King Hussein. "Jordan's support of the Amateur Service was much in evidence at the conference that fall, and was a crucial element in our success," Sumner said. The WARC-79 resulted in Amateur Radio's gaining the 30, 17, and 12-meter bands. That same year, JY1 was featured in the film, "The World of Amateur Radio." Hussein regarded his 1983 contact with Owen Garriott, W5LFL, on board the Space Shuttle Columbia, as a high point in his Amateur Radio activity.

King Hussein also participated in the historic 1995 joint Israel-Jordan JY74X operation on Mt Nebo, where hams from both countries participated in a Field Day-like operation. The King put in appearances both on the air and in person, much to the delight of the participants and those waiting to work him and JY74X. Hussein's friend Bruce "Blackie" Blackburn, W4TA/JY9BB, of St Petersburg, Florida, called him "one of the world's most respected amateurs" and recounted many stories about King Hussein as a person and an avid Amateur Radio operator. Blackburn said King Hussein "promoted Amateur Radio to the hilt in Jordan" and saw to it that Amateur Radio classes were instituted in elementary schools. King Hussein also dropped in on meetings of the Royal Jordanian Radio Amateur Society in Amman. King Hussein also was involved with the early satellite experiments.

Former US Ambassador to Lebanon and Iran Armin Meyer, W3ACE, also recalled Hussein February 8 in a letter to The

Washington Post. Meyer said JY1 "has for decades been promoting peace and good will among quite ordinary people." As Meyer put it: "For the king, ham radio was a different world, a community of diverse people."

--Jennifer Gagne, N1TDY

Ham Class Update

From Dennis Agosta, W0DSA

Friday night was overwhelming. We had thirty-nine (39) people sign the roster. The room was packed. Included in this group are two students who dropped out of earlier classes and want to try again. I expect 2 or more people to add to this count on Friday. Let's hope that everyone sticks it out to the end. BTW, kudos to Kenton for getting most of these people to show up. Based on his preliminary counts, I did not advertise this course other than through the clubs.

**LOVELAND REPEATER ASSOCIATION
MEMBERSHIP APPLICATION**

NAME		CALL	
ADDRESS			
CITY		STATE	ZIP
PHONE	LICENSE CLASS	UNDER 18 Y N	ARRL MEMBER Y N
PACKET ADDRESS		E-MAIL ADDRESS	

DUES: Family Membership \$20.00 *NEW FAMILY MEMBERS ARE*
 Under 18 \$ 5.00 *PRO-RATED AT \$1.75/MONTH*
 USE BACK OF FORM FOR ADDITIONAL FAMILY MEMBERS

INCLUDES 2 **FREE** MACROS

Contact: Duff, W0XYZ 593-9984

MAKE CHECKS PAYABLE TO LRA

Loveland Repeater Association
 P.O. Box 1733
 Loveland, CO 80539-1733

TOTAL ENCLOSED DUES

Loveland Repeater Association
P.O. Box 1733
Loveland, CO
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Since 1978

