



Perspectives from 7J7AAL

Frank Skinner (KA4JQZ)

From 1989 to 1992 I had the pleasure to operate from Misawa, Japan on the island of Honshu. Although Japan, by no means is DX except for the fact that it is a long way away from the United States, the callsign I was assigned made me DX to those who did not know that foreigners operating with Japanese licenses got issued 7J calls. Mine was 7J7AAL.

I could usually stir up a pileup with little trouble. As a matter of fact I rarely called CQ. Usually just a simple QRL IMI followed by DE 7J7AAL AR was enough. However, the Japanese amateur radio operator is a different breed. Apparently, an American operating in Japan was like DX to them so I was usually flooded by calls from Japanese stations however, most were very courteous operators. I also got calls from "real" DX stations from time to time and one that sticks out in my mind is 3W0A, the first joint Soviet/Vietnamese DXpedition to Vietnam. That was a prize in itself and to have them call me was even better. Whenever I did work stations that thought I was DX I could almost hear the disappointment on their CW note when I gave my location as Misawa, Japan.

Another QSO of note was with N7AAL. This call stuck out in my mind as it had the same last four characters as my call. When I worked Steve in Washington State it was one of my last QSOs before Desert Storm. Since the war had broke out, there were several QSL cards I did not get a chance to return. I flat out forgot about them when I got back to Japan and left to come back stateside. Unfortunately, N7AAL was one of them. I got the chance to work N7AAL again and reminded him of our contact years earlier and he reminded me of the fact that he did not receive a QSL card. Needless to

say I felt terrible because I pride myself on return QSLing 100 percent so I promptly sent him a KA4JQZ card from Colorado and an old 7J7AAL card to confirm our QSO 13 years earlier. Steve now has the honor of being the only ham I have worked from two continents. Not much of a honor for Steve I am sure but, he now has QSL cards from Japan on 15 meters CW and Colorado on 40 meters CW from my station.

While in Japan I had the opportunity to attend a Japanese hamfest, which are very similar, and in some ways very different from our hamfest. There were the usual local vendors selling the latest and greatest from Kenwood, ICOM, Yaesu, and the like, but surprisingly not many selling used equipment. I think this was due to the trade in policy that many vendors offered in the local area. Something like trading in an old car for a new one. I thought this was a pretty good idea but I would never trade in my TS-830S.

Something else I found strange but fun; apparently the Japanese get points for some type of an award for eyeball QSOs. They all carried a pad of paper, much like a logbook and would ask for name, call-sign, and QTH much like you would log a regular QSO. The Japanese hams were not shy about approaching our group of American GI's in an attempt to get this information. Most had Eye-Ball QSL cards about the size of business cards that they liked to trade.

They had so many activities, and Fox Hunting seemed to lead the pack. Several Japanese Hams would run around DFing the signal on busy streets and crosswalks until the Fox was identified. They

(Continued on page 12)

Issue 54
Volume 5
May 2004

Club Information	2
Club News	3
Satellite Operations	7
Calendar	8
Crossword Puzzler	9
Public Service	10
The Back Page	12

Please Note:

Please have all content for the June issue submitted by May 25.

Articles are needed to keep 0-Beat interesting so submit yours now.

PPRAA SWAPMEET

Saturday June 12, 2004

0800 to 1300 (Vendors 0600) Ticket sales 0730

See page 5 for additional information

For Meeting
Programs See
Page 2

Meetings Our monthly meetings are held on the 2nd Wednesday of each month at 7 pm, temporarily at the El Paso County Office of Emergency Management, 305 S Union Blvd. Our Annual meeting is in October. Check the web site for any changes.

Regular License Exam Sessions

Our ARRL VE test sessions are on the 2nd Saturday of even numbered month. Our ARRL VE test sessions are on the 2nd Saturday of even numbered months at 9:00 AM. Contact Erik KGØXE for details.

Examinees need to bring (1) \$12, preferably a check or money order payable to ARRL/VEC; (2) picture ID; (3) the signed original and a copy of your current amateur radio license and CSEs you have (we keep the copies); and (4) a pen, pencil, and calculator if needed. Memory calculators will be checked.

Location:

Colorado Springs Police Department
Falcon Division Community Room
7850 Goddard Street
Colorado Springs, CO 80920

Located behind the shopping center across Academy Boulevard from Chapel Hills Mall. Turn onto Kelly Johnson Blvd from Academy (either intersection), then turn onto Goddard Street (left behind Wendy's or right behind the Burger King and shopping center). Please confine parking to the street, as the parking lot is mostly limited to official police business.

PPRAA Web Page See it at <http://www.qsl.net/ppraa/>. Thanks to Lee Inman KØQED for maintaining these pages.

Get on the PPRAA E-mail Reflector Stay on top of new or short-fused developments. Subscribe at <http://mailman.qth.net/mailman/listinfo/ppraanet>. Thanks to John Wishart KCØJFH for maintaining this list.

PPRAA Simplex Net New time and day to be announced soon.

Nonprofit Organization The PPRAA is a federal 501(c)(3) nonprofit organization and welcomes all contributions. Your contributions/ donations may be tax-deductible.

Officers and Directors

President	Al Penney	VO1NO	Alpenney@codenet.net
Vice President	Dennis Major	NØABC	n0abc@qsl.net
*Secretary	Joanie VerDuft	KCØGMI	verduftj@earthlink.net
Treasurer	John Hasling	KØAAI	k0aai@adelphia.net
*Board Member	Tom McDaniel	NØNTX	n0ntx@amsat.org
Board Member	Kate Muniz	WB9BAH	wb9bah@aol.com
*Board Member	Ben Cruise	NØLNW	n0lnw@arrl.net
*Board Member	Jerry VerDuft	ADØA	verduftj@earthlink.net
Ø-Beat Editor	Tom Dawson	KCØNRZ	kc0nrz@arrl.net

* Indicates this Director is in the 2nd year of a twoyear term

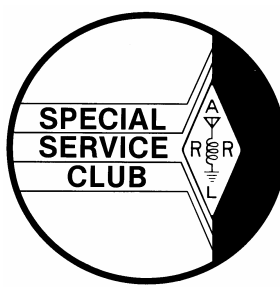
Committee Chairs & Other Contacts

Activity	Open		
Auditing	Kate Muniz	WB9BAH	wb9bah@aol.com
Asset	Mike Stansberry	KØTER	k0ter@arrl.net
E-Mail Reflector	John Wishart	KCØJFH	john.wishart@hp.com
Historian	Ron Deutsch	NKØP	nk0p@arrl.net
Interference	Bill Petty	NØNJX	william.petty@lsil.com
Membership	Les Borst	KCØNC	kc0nc@falconbroadband.net
Programs	Dennis Major	NØABC	n0abc@qsl.net
Publicity	Open		
Public Service	Mike Stansberry	KØTER	k0ter@arrl.net
Hamfest	Kate Muniz	WB9BAH	wb9bah@aol.com
Technical Education	Linda Hedges	KBØRKW	kb0rkw@juno.com
VE Testing	Erik Mugele	KGØXE	ve@teuton.org
Video Librarian	Dennis Major	NØABC	n0abc@qsl.net
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AMSAT Coordinator	Tom McDaniel	NØNTX	n0ntx@amsat.org
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ARES EC	Sid White	K4ARM	k4arm@arrl.net
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ARRL Section Mgr	Jeff Ryan	KØRM	k0rm@arrl.net
CCARC Liaison	Moe Pierce	WBØRTF	wb0rtf@amsat.org
HamCon Chairman	Jerry VerDuft	ADØA	verduftj@earthlink.net
RACES Officer	Les Borst	KCØNC	kc0nc@falconbroadband.net

Upcoming Club Programs

May Program: Jerry ADØA will give a presentation on propagation to prepare us for Field Day activities.

June Program: This will be our Field Day preparation presentation. Our illustrious (club) president hopes to be in town to present this, but if not, an able alternate will present.



Articles for the Ø-Beat Deadline for articles or ads is the 26th of the month. Submit articles by e-mail, US Mail, telephone or in person to the editor. Editor reserves right to edit for readability, grammar, spelling, punctuation and length.

Ø-Beat Available Electronically in PDF form via e-mail and on the web at <http://www.qsl.net/ppraa/zerobeat.htm>. Contact the editor for details.

The Ø-Beat is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc, P.O. Box 16521, Colorado Springs, CO 80935-6521. Permission is granted to reprint articles provided credit is given to both the author and the Ø-Beat. For membership and subscriptions see the back inside cover of this publication. Monthly advertising rates: Full page \$48; Half page \$24; Quarter page \$12; Business card \$6. Rates are billed quarterly. Send advertisements and payments to Pikes Peak Radio Amateur Association, Inc, P.O. Box 16521, Colorado Springs, CO 80935-6521.

Club and Local News

President's Message

May 2004

Well here it is May already – time seems to have flown. Several important events for the club will soon be upon us. The first is our annual Swapfest on 12 June. Kate WB9BAH and her team have been hard at work preparing for it, and it promises once again to be one of the largest swapfests in the state. Got a garage-full of “junk” that your better half is threatening to turf into the garbage bin? Then come on out to the swapfest and rent a table! Who knows – that tuning knob your great-uncle pried off the remains of a radio in the smoking wreckage of a Messerschmidt BF109 in 1944 just might be worth something to someone else! You’ll never know if you don’t come to the swapfest!

The next big event will be Field Day, scheduled for 25 – 27 June. I’ll have a lot more information on Field Day next month, and on the club’s website, but just make sure that you keep that weekend free. I advised everyone last year not to do anything stupid like get married on Field Day weekend, and that advice still holds. I mean, it would be a terrible strain on any marriage if you were never home for your anniversary because you were out for Field Day! Some spouses just have no sense of humor when it comes to that sort of thing!

Speaking of Field Day, at last month’s meeting we held an antenna evening. It ran a little late, but those who waited until the end were pleased to witness the completion of a 40/80 meter inverted “V” antenna that will be used for the SSB station at Field Day. One point that I found very gratifying was that the majority of those who stuck around and assisted with building the antenna were new Amateurs, many just recently licensed. Outstanding! I’ve heard crusty old-timers complain that new hams just don’t build things anymore, but if the group that helped out at the last meeting is any indication, that isn’t true. Here’s a challenge to you old-timers out there: help out a new ham. Give him or her

some friendly advice setting up a station, help them put up an antenna, talk to them on the air, and let them know what a great hobby this is. The average age of Amateur Radio operators is gradually creeping up – we need to get some new blood in this hobby! Do your part!

The club Executive is taking this advice to heart. At our meeting last week we decided to make a special membership offer to members of the UCCS Club. For \$6.00 UCCS Radio Club students can become members of the PPRAA for the remainder of the year. I’m looking forward to seeing them at PPRAA meetings!

By the time you read this column, the club will have sent our comments on Broadband over Power Line (BPL) to the FCC. This is an important issue. If not properly regulated and controlled, BPL has the potential to interfere with licensed users in the HF and low VHF part of the spectrum. The FCC has made some concessions, but there are still gaping holes in the Notice of Proposed Rule Making. By making the FCC aware of our concerns, and if enough Amateurs and other concerned parties do the same, we hope to persuade the FCC to close those holes. It sounds a little melodramatic to say this, but in many ways the future of Amateur Radio is at stake. Please follow this issue, and feel free to send your own comments to the FCC, but only once you have read all the pertinent regulations and documents. Be firm in what you say, but be polite and professional - the last thing we need right now is to have the FCC receive a bunch of poorly researched and inflammatory complaints.

That’s all for now. Get on the air and be radioactive!

73

AI VOINO / W0

Board Meeting Minutes

4/19/04

The PPRAA Board of Directors met at the home of KØAAI on 4/19/04. Those present were President - Al Penney VOINO, VP - Dennis Major NØABC, Treasurer - John Hasling KØAAI, Tom McDaniel NØNTX, and Jerry VerDuft ADØA. Absent were Secretary - Joanie VerDuft KCØGMI, Ben Cruise NØLNW, Kate Muniz WB9BAH, and Tom Dawson KCØNRZ. The meeting was called to order at 7:40 pm by VOINO. The March Board meeting minutes were approved. The Treasurer's report was reviewed. The Board was concerned with costs for printing Ø-Beat. KØAAI will investigate other printing avenues at a lower price. The Board noted that the cost of publishing and mailing Ø-Beat exceeds the cost of membership. The Board may consider a proposed raise in membership dues for 2005. Mailing problems of Ø-Beat was discussed. KØAAI will work with KCØNC to resolve these problems. NØABC noted the Program for May to be on Propagation, FD in June, and he has other prospects for future programs. Dennis suggested we purchase some "Ham Radio For Dummies" books and place them in the various city libraries. After discussion, the President instructed Dennis to investigate the cost to purchase ten of these books. NØNTX noted that he was taking names for Field Day shirts. Tom also advised that he visited the UCCS club and noted they have a DSP 2232 that they are in need of an operator's manual for. They also would like hams to visit them and present talks. The Board discussed our Club's relationship with UCCS and resolved to offer their people a PPRAA membership for the balance of 2004 for \$6 each. There being no further business, the meeting was adjourned at 8:45 pm. Submitted by Jerry ADØA in the absence of the Secretary.

PPRAA Club Meeting Minutes 4/14/2004

The April meeting of PPRAA was called to order by President - Al Penney, VOINO at 7 pm. It was announced that Chuck Chambon, NØCAM, founder of the Cheyenne Mountain Repeater Group, became a silent key on April 10th. Guests were recognized: ABØYN, KEØRBD, KCØRUE, and KDØPQK; followed by introductions around the room. The previous minutes were approved (after the break). KØAAI provided the Treasurer's report showing total cash assets of \$6287.29 as 4/14/04. Committee reports followed: Les KCØNC stated that RACES was preparing for the county wide WMD exercise in May and noted that this would be the biggest exercise ever staged in Colorado Springs. Les also apologized for the lack of delivery of the April Ø-Beat by the post office due to their error

in forwarding our newsletter. Les also noted that we now have 129 paid-up members and the 2004 membership roster was included in the April Ø-Beat. Moe WBØRTF noted that the CCARC was meeting in Aurora on April 24th. Kate WB9BAH noted the Swap Fest is well planned for June 12th at Lewis Palmer HS and that she still needs help with door prizes; contact Bill KDØJU if you can help. Tom NØNTX announced that Ham satellite FO-29 is down until April 19th while the Japanese control station reconditions the batteries, and AMSAT OSCAR-E will be a dual channel (voice repeater and digital) satellite launched in Russia on June 30th. Al noted that although there is now construction going on adjacent to the Field Day site we used last year, it is hopeful we will still be able to use it this year. It was noted by Rob N7LV that we still need someone to take over the Publicity Chairman position. Rick KØSU advised that there has been some delay in his General Exam class due to instruction materials but hopes to commence it in May. Rick also gave a great technical talk on the Grid system. Thanks Rick! Jerry ADØA advised that the Board of Directors has revisited the issuance of Club Badges and has authorized them to be made up in Royal Blue as the traditional brown badge was not attractive to many members. They are available for \$10 each; provide your orders directly to Jerry. Tom W2TJO donated a mouse for a door prize, thanks Tom! Al reminded everyone of coffee and donuts at IHOP after the meetings, and the give-away table at each of our meetings. Mike WV7T announced that Russ Calaway, KBØFNM would enjoy seeing visitors (Tuesdays or Thursdays); he is at 920 South Chelton. Mike noted the Diabetes Walk on May 8th and operators with handhelds are needed; contact Mike. Mike also noted his Navy Club is sponsoring Saturday building projects. Tom W2TJO noted an excellent article on proper use of Phonetics in May QST. Dennis NØABC reminded everyone of the door prize drawing after the break. Al VOINO then read a Club Resolution he had prepared to send to the FCC expressing our comments to the Broadband Over Power Line (BPL) proposal. After its reading, comments were rendered and some changes were suggested. It was then moved, seconded and unanimously passed that Al incorporate suggested comments, and publish it on the Club's website before sending on to the FCC. The Hammy Award was passed to Troy Burrell, WØTLB. Congratulations Troy! After a short break, the prizes were drawn and Al Penney lead the group in an antenna construction project. Meeting adjourned at 9:30 pm. Respectfully submitted by Joanie KCØGMI, Secretary

Gigantic Pikes Peak Area

MEGAFEST

Saturday June 12, 2004

0800 to 1300 (Vendors 0600) Ticket sales 0730

Lewis-Palmer High School 1300 Higby Rd. Monument, CO

Just East of I-25, between Exits 158 & 161

Pikes Peak Radio Amateur Association, Inc.

A 501(c)(3) Non-profit Organization



TABLE PURCHASE:

(Does NOT include admission)

One chair per table included with table rental

IN ADVANCE.....\$10.00

AT THE DOOR.....\$15.00

ADMISSION: \$5.00

Additional Info: Kate Muniz WB9BAH

719-683-7702; wb9bah@aol.com



Special thanks to the
Cheyenne Mountain
Repeater Group, Inc.

for their donation of the
Icom 2720 H.

Drawing !!! Prizes !!!

Fox Hunt at 1300, weather permitting!

ICOM 706 MKIIG

HF/VHF/UHF All Mode Transceiver

ICOM 2720 H

Dual Band Mobile FM Transceiver

Donated by CMRG

ICOM Q7-A

Ultra Compact Dual Band Handheld

Raffle Tickets: \$1.00 each, 6 for \$5.00,

15 for \$10.00 or 40 for \$20.00

Raffle License 2004-0627

Pikes Peak Amateur Association, Inc.

PO Box 16521, Colorado Springs, CO 80935

Drawing at 1200 June 12, 2004

Winners Need **NOT** Be Present To Win

ALSO: Hourly Door Prize Drawings

Winners **MUST** Be Present To Win Door Prizes

Forums !!! Sessions !!!

VE Testing at 1000

ARES Forum

QRP Forum

YL Forum

Satellite Forum

ARRL Forum

For updated info, go to: www.qsl.net/ppraa

Talk In 146.970 (100Hz CTCSS) or 146.520 simplex

ADVANCE TABLE PURCHASE FORM

NAME _____ CALL _____ PHONE _____

ADDRESS _____ CITY _____ ST _____ ZIP _____

EMAIL: _____ # TABLES _____ @ \$10.00= _____

ADMISSIONS _____ @ \$5.00= _____

TOTAL ENCLOSED = _____

[] Please mark this box if you would like confirmation— via email is preferred! Packets will be ready at the door at 0600 for advance registrations; there is NO Friday night set-up available. Advance registrations must be received by June 8, 2004.

Please mail all registrations to: Kate Muniz, WB9BAH, 13360 Cottontail Dr., Peyton, CO 80831

Checks payable to PPRAA.

(wb9bah@aol.com)

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Satellite Operations

SO-50 is available as a FM voice repeater for most of its passes. You can work it using a dual band HT and a small hand held beam such as the Arrow Dual Band antenna. Two separate radios can also be used.

436.795 MHz (+/- Doppler) FM Downlink

145.850 MHz (67 Hz CTCSS) FM Uplink

These are some of the May weekend passes available: (Always make sure you hear the sat before transmitting.)

Time (Z) Azimuth Elevation Rx Doppler

SO-50 position on Saturday, May 01, 2004 (UTC)

14:39:00 219.9° +6.0° +10 KHz

14:42:00 229.8° +27.9° +5 KHz

14:45:00 345.0° +57.2° 0

14:48:00 22.9° +17.0° -5 KHz

14:51:00 28.7° +1.9° -10 KHz

23:12:00 329.1° +2.4° +10 KHz

23:15:00 331.3° +18.3° +5 KHz

23:18:00 345.3° +64.7° 0

23:21:00 143.2° +33.3° -5 KHz

23:24:00 146.9° +8.7° -10 KHz

SO-50 position on Sunday, May 02, 2004 (UTC)

13:30:00 179.2° +11.8° +5 KHz

13:33:00 139.8° +33.8° 0

13:36:00 65.4° +24.3° 0

13:39:00 44.5° +6.6° -5 KHz

15:09:00 244.8° +2.5° +10 KHz

15:12:00 265.4° +15.6° +5 KHz

15:15:00 317.4° +25.9° 0

15:18:00 3.0° +13.7° -5 KHz

15:21:00 20.5° +1.7° -10 KHz

22:03:00 345.7° +7.8° +5 KHz

22:06:00 13.1° +22.7° 0

22:09:00 72.3° +26.2° 0

22:12:00 107.6° +11.0° -5 KHz

23:42:00 319.2° +1.2° +10 KHz

23:45:00 307.8° +14.7° +5 KHz

23:48:00 266.3° +35.4° 0

23:51:00 197.1° +24.4° -5 KHz

23:54:00 176.4° +6.8° -10 KHz

Time (Z) Azimuth Elevation Rx Doppler

SO-50 position on Saturday, May 08, 2004 (UTC)

13:09:00 237.2° +11.8° +5 KHz

13:12:00 272.8° +36.1° 0

13:15:00 357.5° +28.5° 0

13:18:00 20.1° +8.5° -5 KHz

21:42:00 323.5° +8.1° +10 KHz

21:45:00 314.7° +30.6° +5 KHz

21:48:00 200.8° +59.5° 0

21:51:00 163.2° +18.4° -5 KHz

21:54:00 158.4° +2.4° -10 KHz

SO-50 position on Sunday, May 09, 2004 (UTC)

11:57:00 198.1° +5.5° +10 KHz

12:00:00 187.5° +26.4° +5 KHz

12:03:00 84.3° +54.3° 0

12:06:00 41.9° +16.9° -5 KHz

12:09:00 36.1° +1.9° -10 KHz

20:30:00 335.5° +2.0° +10 KHz

20:33:00 347.6° +16.0° +5 KHz

20:36:00 32.0° +39.0° 0

20:39:00 105.6° +25.4° -5 KHz

20:42:00 125.4° +7.1° -10 KHz

22:12:00 309.4° +5.2° +5 KHz

22:15:00 285.9° +18.2° 0

22:18:00 234.7° +23.8° 0

22:21:00 197.0° +11.1° -5 KHz

SO-50 position on Saturday, May 15, 2004 (UTC)

18:30:00 346.2° +6.9° +5 KHz

18:33:00 12.8° +20.4° 0

18:36:00 67.4° +24.3° 0

18:39:00 103.3° +10.7° -5 KHz

20:09:00 320.8° +0.9° +10 KHz

20:12:00 311.5° +14.4° +5 KHz

20:15:00 274.1° +38.5° 0

20:18:00 194.2° +28.2° -5 KHz

20:21:00 173.3° +8.2° -10 KHz

SO-50 position on Sunday, May 16, 2004 (UTC)

19:00:00 334.3° +8.0° +10 KHz

19:03:00 346.3° +29.9° +5 KHz

19:06:00 90.1° +56.0° 0

Time (Z) Azimuth Elevation Rx Doppler

19:09:00 132.7° +18.3° -5 KHz

19:12:00 139.6° +2.5° -10 KHz

SO-50 position on Saturday, May 22, 2004 (UTC)

16:57:00 336.2° +1.5° +10 KHz

17:00:00 349.2° +14.8° +5 KHz

17:03:00 31.6° +34.8° 0

17:06:00 99.7° +24.3° -5 KHz

17:09:00 121.6° +7.1° -10 KHz

18:39:00 311.7° +5.3° +10 KHz

18:42:00 290.0° +19.3° +5 KHz

18:45:00 235.5° +27.3° 0

18:48:00 194.3° +13.0° -5 KHz

18:51:00 179.4° +0.7° -10 KHz

SO-50 position on Sunday, May 23, 2004 (UTC)

17:27:00 328.0° +1.5° +10 KHz

17:30:00 328.5° +16.4° +5 KHz

17:33:00 328.5° +58.4° 0

17:36:00 150.0° +37.3° -5 KHz

17:39:00 150.2° +10.0° -10 KHz

SO-50 position on Saturday, May 29, 2004 (UTC)

15:27:00 336.0° +7.8° +10 KHz

15:30:00 350.7° +28.4° +5 KHz

15:33:00 81.8° +50.3° 0

15:36:00 127.5° +17.8° -5 KHz

15:39:00 136.3° +2.4° -10 KHz

SO-50 position on Sunday, May 30, 2004 (UTC)

14:15:00 341.2° +1.1° +5 KHz

14:18:00 0.1° +11.6° +5 KHz

14:21:00 39.3° +20.4° 0

14:24:00 83.0° +14.1° -5 KHz

14:27:00 105.3° +3.0° -5 KHz

15:57:00 322.1° +7.2° +10 KHz

16:00:00 311.5° +28.0° +5 KHz

16:03:00 216.0° +56.4° 0

16:06:00 168.1° +19.0° -5 KHz

16:09:00 161.3° +2.8° -10 KHz

For other passes see: <http://www.heavens-above.com/> and select Saudisat 1C. Please contact me if you have any questions.

73 Tom n0ntx, 570-1465 or n0ntx@amsat.org

PSK 31 – A Few Notes Rick Brown – KØSU

Here are a few notes from a “Tech Talk” that I gave at the PPRAA meeting a few months back. This is certainly not all inclusive on what you might want to know about PSK31, but it is a good starting point. First, are some to the web sites you might like to refer to in order to learn some basics of this exciting mode. There are many good PSK31 programs that you can download and use for free, or if you like, register the shareware versions and get some other features. I hope to see you on the waterfall soon.

Some Good Web Sites:

<http://www.qsl.net/wm2u/psk31.html> PSK31 Link

<http://mywebpages.comcast.net/hteller/digipan/> Digipan Download Page

<http://www.aintel.bi.edu.es/psk31.html> “Official” PSK 31 Homepage

<http://www.nvbb.net/~jaffeim/downloads.htm> MixW Downloads

<http://www.qsl.net/ae4jy/> AE4JY pages including WinPSK

<http://home.teleport.com/~nb6z/psk31.htm> PSK31 Link

http://www.podxs.com/html/070_club.html The 070 Club

Usual Frequencies for PSK31

The plan for PSK31 activity has always been (since PSK31 started) to concentrate activity starting from the bottom edge of the IARU RTTY band plan, expanding upwards as activity increased. The exception is in the 10 meter band in order to give all classes of license a chance to meet. Keep in mind that all you need is about 100 Hz as channel separation.

Frequency dial settings in KHz using USB.

1838

3580

7035 for region 1 and region 3, and 7070 for region 2 *
10142 ????? A lot of interference from Factor here
(10138 is my suggestion)

14070

18100

21070

24920

28120

* This is due to the fact that the 7 MHz band is much wider in region 2 (the Americas), and the IARU band plan reflects this.

Pikes Peak Region Ham Radio Events

Date	Event
May 1	MARC VE session
May 12	PPRAA meeting
May 17	PPRAA board meeting
May 19	MARC meeting
May 20	RACES training
Jun 9	PPRAA meeting
Jun 12	PPRAA Hamfest & VE session
Jun 13	PSE: Garden of the Gods 10-Mi Run
Jun 14	PPRAA board meeting
Jun 16	MARC meeting
Jun 17	RACES training
Jun 23	PSE: Starlight Spectacular
Jun 26	PSE: Pikes Peak Hill Climb
Jun 25-27	ARRL Field Day
Jul 11	PSE: Summer Roundup Trail Run
Jul 17	Northern CO ARC Hamfest
Aug 08	PSE: Race for the Cure
Aug 21	PSE: Pikes Peak Ascent
Aug 22	PSE: Pikes Peak Marathon
Aug 22	Denver Radio Club Hamfest
Aug 27-29	MARC Campfest
Aug 29	PSE: Emily Griffith Center Road

PSE-ARES Public Service Event

Luci Stansberry - PPARES Public Service
Event Coordinator

Mike Stansberry - PPARES Asst. Public

Jess Miley

KØTAA

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The Amateur Radio Crossword Puzzle— This Little Piggy Went to Market

By H. Ward Silver, N0AX— May 11, 2003

The Dayton Hamvention--the largest in the world--kicks off the summer hamfest season next week as 30,000-plus hams converge on Hara Arena and environs. Here's a puzzle that should tickle the fancy of the grizzled veteran and rookie alike. You can work on it while you're waiting to get in!

Across

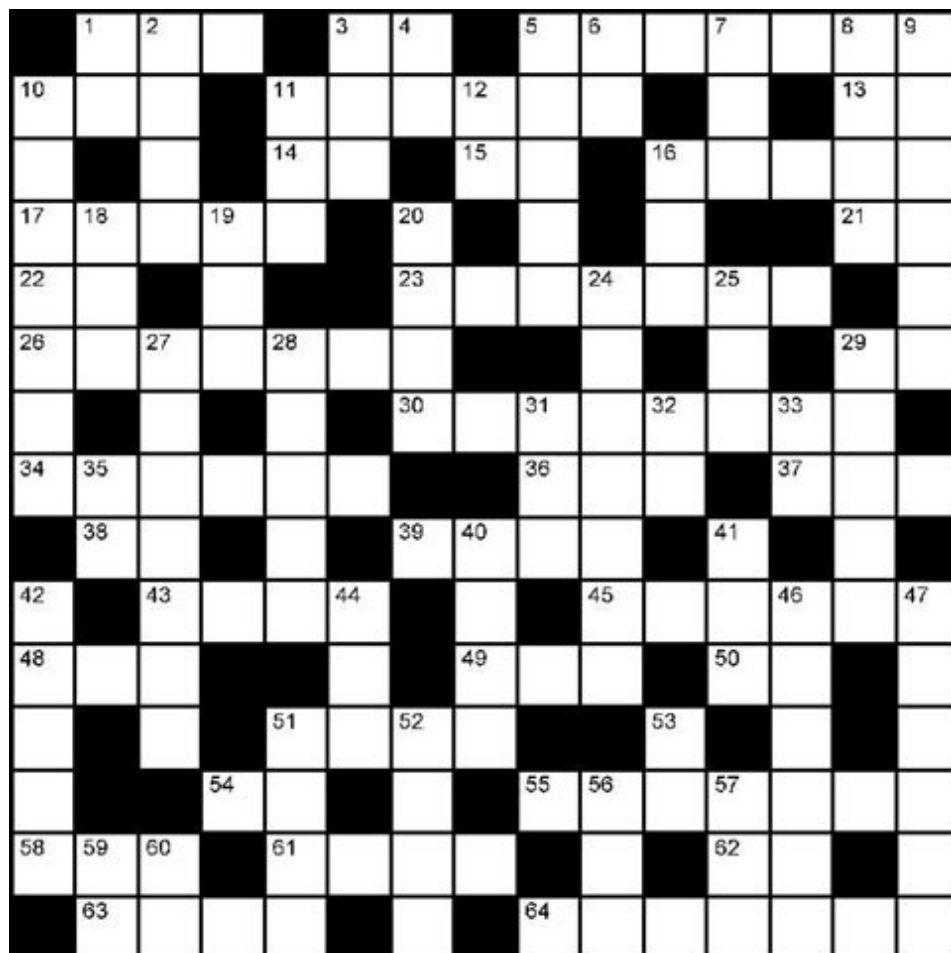
1. Hams chew it
3. Type of FT1000
5. A lot of cars
10. Holds small parts
11. Sellers need these
13. Spanish prefix
14. Commercial message (abbr.)
15. Symbol for Titanium
16. The alternative
17. Worst kind of hamfest weather
21. Local prosecutor (abbr.)
22. Going (CW abbr.)
23. Presents a program
26. Its age is its attraction
29. Macintosh model
30. Buy extra to get this

34. Same as five for a quarter
36. Three Greek letters move the boat
37. The head topper
38. Works fine
39. State of the Hamvention
43. Equal
45. Sells chances to win
48. Taken from a container
49. Type of FET
50. Complement to AND
51. Nickname of the Ham of the Year
54. Wire thickness (abbr.)
55. Radio flea market
58. A change in the wiring
61. If it's all gone, you're too
62. Prefix meaning reverse or not

63. Bound volume
64. Person who starts an organization

Down

1. New England state (abbr.)
2. Prefix meaning opposite
3. Wet dirt
4. Prefix of largest South American nation
5. What is won
6. Stand by (CW prosign)
7. Built from parts
8. Often confused with want
9. Where the extra stuff goes
10. A good deal
11. Opening for system components
12. Phoned home
16. Hardwood for cabinets
18. Again (CW abbr.)
19. Bad letter from FCC (abbr.)
20. Pre-owned
24. Old radios are boat-.....
25. Email abbreviation for colleges
27. Buy these to get in
28. A line
29. Delay
31. Sorry (CW abbr.)
32. Official Observer (abbr.)
33. Another New England state (abbr.)
35. Input Output (abbr.)
40. Take purchases back here
41. Flying saucer
42. Group discussion of a topic
44. Opposite of 50 Across
46. An acquaintance
47. Who must beware
51. The "in" frequency
52. Slang for food
53. Phone mode on a Globe King
56. Time past
57. Enjoyment
59. Old Boy (CW abbr.)
60. Act



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Public Service Communications



ARES

<http://www.qsl.net/ppares/>

VHF Net Tuesdays at 1900 on the 146.97 MHz
PPFMA repeater

Sid White K4ARM, PPARES EC

April has been one of the busiest months for PPARES since I became part of the organization over ten years ago!

The 2004 edition of SKYWARN training saw 38 PPARES members spending the Saturday before Easter enjoying a totally revamped presentation from the Contact Warning Meteorologist for the Pueblo Weather Forecast Office, Tom Magnuson, KB0ZWX. Joining Tom in the presentation was Steve Hodanish, KE4GRR, Senior Forecaster at Pueblo WFO. Including the ARES radio operation and net procedure portions of the training, the session lasted about six hours. Of course, there was the traditional training-day snow storm.

There were also three ID card sessions for PPARES members planning to be involved in the upcoming City/County/Military joint exercise. There were two evening sessions and a Sunday afternoon session. In all, over fifty new cards were issued.

On Wednesday, 21 April, at 0900, PPARES conducted a simulated activation in conjunction with our participation in the upcoming joint exercise. Our members were told only that such an activation would occur before the end of April and that the results of that activation would be part of our performance evaluation for the joint exercise. Notification was handled via tone page, text and Alphanumeric pages, email, telephone, and radio. Those responding were asked to indicate how and when they were notified, and, how long it would take to deploy to Memorial Park. Responders were asked to return a questionnaire so that the required data for the joint exercise could be collected. As of this writing, the data analysis is still in progress, however, within the first thirty minutes, forty operators checked into the Resource Net and, after one hour, eighty email responses had been received. **WELL DONE!**



RACES

<http://www.qsl.net/epcraces/>

VHF Net Tuesdays at 1930 on the 146.76 MHz
CMRG repeater

Les Borst KC0NC, RACES Officer

No report this month.

On 24 April, the annual March of Dimes WalkAmerica event was held in the Northgate area. Because of a last minute change in requirements by the Air Force Academy, a completely new route had to be defined and implemented. Additionally, a spring snowstorm compounded the problems by rendering part of the newly route unusable because of mud. The response, skills, and flexibility of each of the 23 hams involved in this event was spectacular!

Wes Wilson, K0HBZ, said, in his comments to the group in his after-action report, "As Mission Coordinator for PPARES Support of WalkAmerica AND as a member of the March of Dimes WalkAmerica Logistics Committee, I wanted to express my sincerest appreciation for a job VERY WELL DONE under the most adverse of conditions. Our communications skills/abilities saved this event from disintegrating into total chaos -- there is just no other way to say it. (And) due to circumstances beyond anyone's control, this event was going to be more like a real emergency (in terms of logistical communication requirements) than any public service event I have ever worked (and I've been on quite a few!)."

"Our operators showed tremendous flexibility and ingenuity. Assignments and requirements changed as route and event requirements changed -- and our operators went with the flow, they adapted and overcame. Even as a logistics committee member the morning of the event, I didn't know where the checkpoints were going to be -- and the entire Logistics Committee group was relying on PPARES to convey all the information and requirements as the person who took responsibility for the route tried to devise a feasible plan on the fly. The information our operators provided back in scouting the route, identifying and pointing out problems -- was absolutely essential and everyone did an exceptional job...The committee has asked me to convey to each of you **their most sincere**

Membership Committee Report

Please welcome these New Members

JENNIFER	BURRELL	KC0RQM
RICHARD	BURRELL	KC0RJA
ROBERT	DeVEGA	N4RPD
RANDY	HULL	KC0RQS
JERRY	HULSEY	K0JEH
PAUL	MORAINE	N0PWW

Total Number of Members: 136

Zero-Beat
Articles Needed
 Please email to
KC0NRZ@ARRL.NET

(Continued from page 10)

cere and heartfelt "Thanks!" because they know that without our group, skills, patience, determination and flexibility -- this event would have deteriorated into total chaos."

"I would especially like to commend the guys in the "hot seats" at Net Control. They had to correlate all the information from the field on our 2m net with everything coming from the committee members on the FRS net (NCS-2), get it plotted on a map and coordinate things to make everything happen. Kudos for an exceptional job to Tony Dal Lago (KC4VMB) as NCS (1), Jim Myers (KC0PAZ) as NCS (2) and -- on his first-ever ARES event, Ken Smith, (W0DST) as NCS Assistant. These guys were faced with a near-impossible task and pulled it off beautifully."

I think that this covers our April.

73 de K4ARM

Membership Application for the Pikes Peak Radio Amateur Association, Inc.

P.O. Box 16521, Colorado Springs, CO 80935-6521

Date: _____ ☐ New Member ☐ Renewal

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Call: _____ Class: N T + G A E Phone: _____

Mbr of ARRL? ☐ Yes ☐ No E-mail: _____

Additional Family Members to Join/Renew:

Name: _____ Call: _____ Class: _____ ARRL? _____

Name: _____ Call: _____ Class: _____ ARRL? _____

Name: _____ Call: _____ Class: _____ ARRL? _____

In which activities would you like to participate?

Field Day ☐

Demonstrations ☐

Nets or round tables ☐

Organize activities ☐

Teach ham classes ☐

Full Member \$15: ☐

Family Membership \$18: ☐

Over 65 \$10: ☐

Over 65 Family \$12: ☐

Associate \$12: ☐

0-Beat Only \$12: ☐

Donation to Club: \$ _____

Total Enclosed: _____

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☐ Standard hardcopy via U.S. Mail

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☐ I'll save the club a few bucks and download it from the Web!

Circle your interests ☐ HF / ☐ V/UHF / ☐ FM / ☐ SSB / ☐ Digital / ☐ DX / ☐ Contests / ☐ Technical / ☐ Hardware / ☐ Other _____

New and renewing members must submit a completed application form along with your check to the Treasurer.

Please Type or Print Clearly!

ALL NEW MEMBERSHIPS AND RENEWALS WILL BE PRORATED TO EXPIRE IN DECEMBER!!

(Continued from page 1)

certainly had this down to a science and often the transmitter was located in some odd place such as a shopping bag of a local shopper. Regardless of where the Fox was located, it was enjoyable to watch.

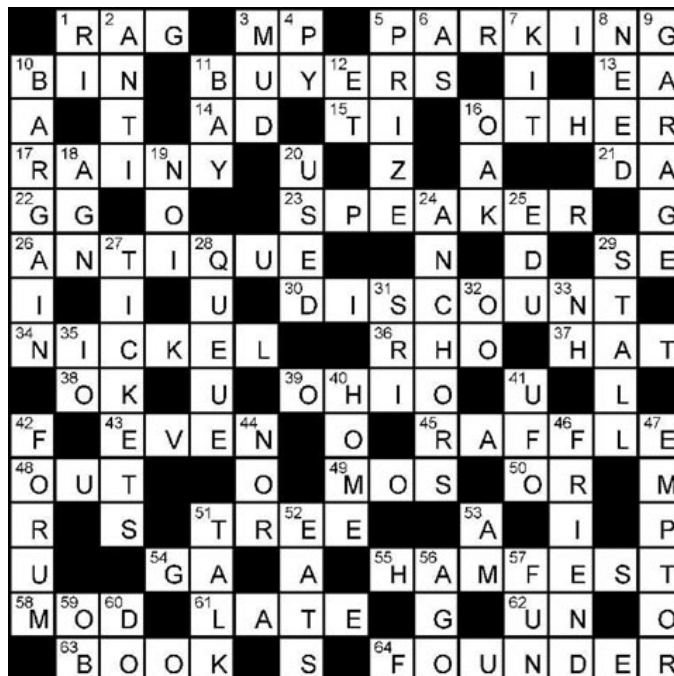
All and all, my experience as 7J7AAL from Northern Japan was a very good one and I would do it again. It was nice to be on the distant end of a pileup when the propagation was really open and seemed like everyone in the world wanted to talk to you.

The following is a list of what I learned and is by no means conclusive.

- Hams everywhere are pretty much the same and always willing to help a newbie.
- It is a lot of work to operate a "real" DX station with logbooks, addressing envelopes, maintaining a good supply of QSL cards and postage. Always return QSL 100 percent, you never know when you will run into that ham that you did not QSL in the past.
- I was at my CW forte, averaging about 30 wpm on a vibroplex bug, my speed actually developed without me realizing it.
- Split operation is a good thing and the good operators knew how to call a little off frequency to attract the attention of the DX station.
- Now days I really appreciate when a "real" DX station takes the time to listen to my weak signal and bad CW even it is just RST and QTH.

Although I am just a CW operator I did try SSB from time to time and in my opinion it is much more difficult to pick signals out of a pileup on voice than code.

If you ever get caught up in the heat of a pileup for that last country for DXCC just take a breath and remember that courtesy covers more distance than kilowatts.



Pikes Peak Radio Amateur Association, Inc.
P.O. Box 16521
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