

205MorningReport

11/1/2012

6 meter "MAGIC"

DX-Sherlock continues to be a great tool. Please submit your contacts to the site to keep us all informed.

<http://www.dxmaps.com/spots/map.php?Lan=E&Frec=50&ML=L&Map=NA&DXC=N&HF=N&GL=N>

2012-11-01 22:09	VY0HL (FP53RS)	50.025	VE4SPT/B (EO26)	1652 km	Sp-E (
2012-11-01 20:37	VE2DLC (FN58)	50.094	VE2XK (FN07PJ)	735 km	Aurora
2012-11-01 20:13	VE2XK (FN07PJ)	50.073	K0KP/B (EN36WT)	1015 km	Aurora
2012-11-01 20:12	VE2XK (FN07PJ)	50.040	VA2YKT/B (FN37)	432 km	Aurora
2012-11-01 17:33	VE2XK (FN07PJ)	50.018	VE4ARM/B (EN09AT)	1579 km	Sp-E (
2012-11-01 12:01	ZF1EJ (EK99IG)	50.110	KZ4RR (EM90GE)	1213 km	Sp-E (
2012-11-01 11:55	WA8ZYT (EL89QS)	50.110	ZF1EJ (EK99IG)	1174 km	Sp-E (
2012-11-01 11:54	ZF1EJ (EK99IG)	50.110	W9DR (EM75)	1841 km	Sp-E (
2012-11-01 10:48	W4IMD (EM84AB)	50.125	K4RPA (EM75VU)	200 km	Tropo
2012-11-01 10:46	W4IMD (EM84AB)	50.125	K4RPA (EM75VU)	200 km	Tropo
2012-11-01 02:25	VY0HL (FP53RS)	50.025	VE4SPT/B (EO26)	1652 km	Sp-E (
2012-11-01 01:58	VA7FC (CN79MQ)	50.666	W1TCH (DM14SC)	1866 km	Sp-E (



Check out the key beacons for propagation to a specific area and never forget that this is the "magic band."



6 METERS is always worth "making some noise" and carefully listening for weak returns. Keep the flashlight moving and BARK out CQ's.

As 6 meters slows down never forget the daily tropo challenges as well as meteor scatter. How many remember the good old days where we had a group of stations trying to make M/S SSB contacts? FSK441 works great but listening to SSB bursting in and out is a special thrill.. Any players? Send me your activity report!

Hi folks-

The ARRL World Above 50 MHz Standings have been updated for November.

You can view them at:

<http://www.arrl.org/wa50-standings>

Sean Kutzko, KX9X
Contest Branch Manager

WSJT GROUP

PingJockey

Donate, thank you

K1EL Sponsor

K2SMN ARCHIVE 205MR

N5GX LOG

APRS PROPAGATION

ON4KST CHAT

DX-Sherlock

QRZ

N1IBM FM29



N1IBM FM29

Hello Stan and all,

As it looks for now we will not be making any noise from the jersey shore for a while. We lost all the antennas we had but for a few wire antennas. Looks like the tower may be ok but have not tried to tip it over yet. We had some wind of the like I have never seen here. Sustained at 50-60 mph with gusts to 85. Guess it's no wonder we had damage. Good news our prayers were answered and no one was hurt from the Huge pines that came down and no buildings either. I have insurance for most through the ARRLs insurance Hays company that I'm waiting to hear from. Been a few days but guess they are busy. Just a few pictures and who knows maybe I can rebuild so more can hear me. Best to all and god bless.

Skip/N1IBM



K1PXE

Hi Stan,
All is quiet; too quiet. I hear the sound of generators outside and the sound of the tea kettle pulsing along as I attempt to keep the temperature from dropping. I also hear traffic outside and some other sounds I can't identify but there are no sounds of refrigerator motors or the hum of transformers and I am powerless to do anything about it. Power went off at 10:21 Monday night and I have no idea when it is coming back. I'm in good shape here. It did get a bit cold last night with temperatures dropping to 62 deg F. I didn't like that at all so I fired up all four burners on the stove and I got the temperature back up to 69. Unfortunately, the refrigerator is only inches from the stove but it had warmed enough such that I'd have to keep stuff cold another way. So, the contents of the frig are on the back porch. Outdoor temps are down in the 40s which is better than the frig was, so now I can feel free to crank up the stove a bit. I also have good blankets so sleeping is comfortable. I also have good entertainment. I got good battery charge on most of my music/book players and four portable radios. I have 4 batteries charged for my Kenwood TH-f6a so I can even get on the air a bit. I even had tv for a day with my portable tv but the battery died and now it is just radio. The other thing is that I only have dial up access so it will be strictly email and I'll have to skip your 205 reports for the duration. So, all and all things ain't too bad for me especially considering what happened to too many people on the east coast.

Ok' I kept the suspense going long enough. There was no water in the basement. All of my antennas are where they should be. I think I will be able to fire up as nothing had happened as soon as the power comes back. So please sing along with me:

Bring back
Oh Bring back
Bring back my power to me. eeeeeeeeeeeeeeeeeeeeeee
..

73, Pete K1PXE FN31ke

Pete, good news.. You will survive to "make some noise.."

K2SMN

Stan,
Lost power for 14 hours starting at around 6:00 pm Monday evening until around 8:00 am Tuesday.

I have two generators, but the big one (5 KW) has a problem. Just my smaller 2KW was working. It was enough to keep the refrigerator going, TV, Internet and Lights. I'm using those new LED bulbs – 60 watts of light for 14 watts of power -- they are really good!

Decided to just let the servers shut down. Without the larger generator it would have been hard to keep everything going.

When the power came back, I waited a half hour and then spent the next 3 hours putting everything back in order, rebooting all the equipment, removing all the extension cords, etc. Whew!

Then the power went out again Tuesday afternoon for another eight hours! Good Grief!

So far we still have power, but not sure I could take another outage. So very tired too, didn't get much sleep.

It looks like the antennas and towers held up OK. I haven't really been in to the shack to see if anything has broken.

Hope your stuff in FN01 wasn't hit.

73
Roger
K2SMN FN20oj

GM Stan. It was sad to come home Wed night and see all the reports of damage from Sandy in the last several morning reports. I hope nobody got hurt, and those affected get up & running real soon. I made the pilgrimage to EM70em (north of Panama City, Fla) for 2-3 days to check up on my folks, and in between some chores, setup a very modest 2m "station". I used 8 of 13 elem from a 13B2 that I took down with me along with the TS-2000, keyer, & laptop pc for WSJT MS.

I did not have the time to go purchase the needed conduit sections to get the antenna properly off the sand. My folks live around a drying lake and their location is horribly low (85' ASL). Still, I was able to get the yagi up a whopping 15' in the clear. Even at that low height I was able to easily work Jay, W9RM in EN52 via 2m MS within 10 minutes. I was not as lucky with Pete, VA3ELE, in FN03. In spite of running for 3-4 hours, over several days, we were not able to complete. I was able to hear Pete ok, and had 5-6 solid decodes from him, but I did not have the ERP to overcome Pete's local noise. I was running about 90 W into 50' of LMR-400 type cable to the antenna. I also had a solid decodes from AA9MY (EN52) but Bob had to QR Tomato after just 5-10 min so we could not complete. I was not able to stir up any additional interest on PJ or ON4KST as I guess everyone already has that grid on 2m. I also tried to work Grover, K4DRF in EM74 (Ga) via CW. I heard him with heavy QSB at times but we were not able to complete. I later found out why !

I left the rig on 144.200 when not trying MS and put out some calls via CW. To my surprise I found several locals and was able to spread the good word about the ON4 page & the morning report. Had a nice chat with AA2LY, and my best DX was to OM Steve (Mr. DEMI), N2CEI, west of Lake City Fla. One thing I did learn from this experience, using the Armstrong rotor and all. On the last day there, early in the morning before sunrise, we finally had clear & dark skies. I was able to spot the north star and noted true north from the antenna. I saw that my best guess, using Google Earth for bearings, was a fair amount off. So much so, that I'll bet Pete and I, and even Grover and I, might have completed if I was actually pointing at them. I share that with others to make sure with 100% certainty that you know exactly where the compass points are when you are operating portable. I won't make that mistake again. Enclosed are pictures of the crude setup & antenna.

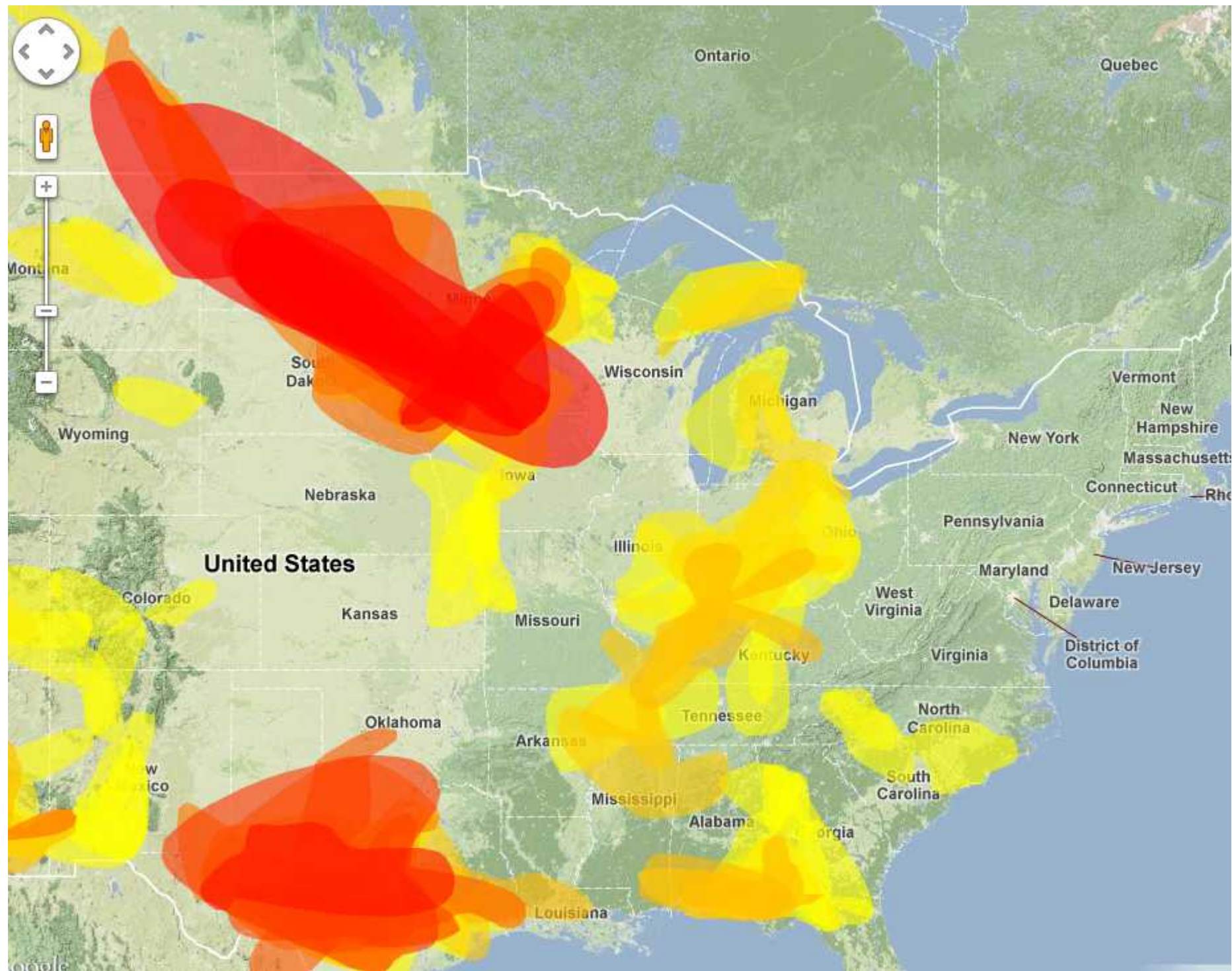
73 Gedas, EN70jt

Gallery at <http://gedas.cc>

Light travels faster than sound..

This is why some people appear bright until you hear them speak.





MY CALL:	KA1ZE	Go	FN01xt		
#	CALL SIGN		GRID SQ	MILES	TOTAL
1	W2UAD	Go	FN13gc	91.6	91.6
2	WM8I	Go	EN80pt	252.1	343.7
3	K8TQK	Go	EM89je	328	671.7
4	KC8TRL	Go	EN81fq	284.7	956.4
5	N1JEZ	Go	FN44ar	364.3	1320.7
6	N2SPI	Go	FN22cj	120	1440.7
7	WB8AUK	Go	EN80or	259.8	1700.5
8	K1MAP	Go	FN32sb	287.2	1987.7
9	W1COT	Go	FN31st	285.6	2273.3
10	N2OEQ	Go	FN30rx	289.5	2562.8
11	W9KXI	Go	FN12ne	64.8	2627.6
12	VE3MLM	Go	FN04te	163.9	2791.5
13	W8SOL	Go	EN71rd	342.3	3133.8
14	N8WNA	Go	EN82km	268	3401.8

Morning Stan -- SLM report from EM82dp for 1 Nov --
conditions remain at "papa papa" --

432 --

W4WSR - EM85cb - 167 miles
W4ZPG -- EM73wv - 87 miles
KK4NO - EM84ce - 107 miles
K4RPA - EM75vs - 223 miles
K4YRK - EM75wv -- 225 miles
KG4WLX - EM86aa -- 233 miles
KA4D - EM75ru -- 278 miles
KE4PU - EM75xt -- 220 miles
N4TUT - EL98gp - 306 miles
KD4ESV - EL87rl - 362 miles*
KH6TY - FM02ap - 224 miles

Total 11 QSO's 2432 miles

Cheers de Vic WB4SLM EM82dp//

Seven contacts this morning. A quiet morning. I miss
those guys from FN20 and FN31.

KA1ZE/3 65
N2SPI 57
K1MAP 226
VE3MLM 158
K8TQK 392
W2UAD 91
WM8I 316
1305 miles
Al- W9KXI FN12

MY CALL:	N2SP1	Go		FN22cj
IN # / OUT	CALL SIGN		MILES	GRID SQ
1 / ☐	N1JEZ	Go	250.9	FN44ar
2 / ☐	KA1ZE	Go	120	FN01xt
3 / ☐	K1MAP	Go	173.9	FN32sb
4 / ☐	N2OEQ	Go	194.3	FN30rx
5 / ☐	W9KXJ	Go	95.3	FN12na
6 / ☐	VE3MLM	Go	180.2	FN04te
7 / ☐	W2UAD	Go	95.5	FN13gc



Pat, N2OEQ FN30 in Mattituck LI NY waited out Sandy in a local shelter. He survived and was on 205 "making some noise" this morning.

GM Stan

Cond. were bad here this morn, noise from west to south.
Could not hear KN4OK normally S7.

WA4REE

John

MY CALL:	WA4REE	Go	EM65ix		
#	CALL SIGN		GRID SQ	MILES	TOTAL
1	K8GDT	Go	EN91cf	466.8	466.8
2	KI4ROF	Go	EM55tm	69.8	536.6
3	KF4WTU	Go	EM55tp	67.9	604.5
4	N4REU	Go	EM55tp	67.9	672.4
5	K8TQK	Go	EM89je	313.5	985.9
6	WM8I	Go	EN80pt	416	1401.1



W2UAD Report: 11/1/2012
8 B QSOs 1345 MILES

<u>CALLS</u>	<u>GRID</u>	<u>MILES</u>	<u>NAME</u>
K1MAP	FN32	266.0	MARK
K2OS	FN13	18.3	FRANK
K8TQK	EM89	402.3	BOB
KA1ZE/3	FN01XT	91.7	STAN
N2SPI	FN22	95.6	RICHARD
VE3MLM	FN04TE	89.0	BOB
W9KXI	FN12NE	70.9	AL
WM8I	EN80DT	310.7	ROGER



K2OS FN12ip

N9OLT REPORT FROM EN64

PM REPORT		DATE	11/1/2012	
BAND	MODE	CALL	GRID	MILES
2M	SSB	KC9BQA	EN63	63
			TOTAL MILES	63
WD9GBA	144.298	S6	QSB	
N4PZ	432.280	s0	not heard	
	QSB		5	
	wx		9	CLEAR
			NC= Not complete	
AM REPORT			NEW GRID	
BAND	MODE	CALL	GRID	MILES
2m		none heard		
no MS contacts heard nothing on 6m or 2m				
			TOTAL MILES	0
NC= Not complete			MILES PM/AM	63
time on from		1100z	1300z	
WD9GBA	144.298	s3	S5	QSB
N4PZ	432.280	??	S1	QSB
	MS		11	
	QSB		22	partly
	wx		99	cloudy
1	3	5	7	9
BAD	LOW	OK	GOOD	VERY GOOD
N9OLT EN64 73				

MY CALL:	WM8I	Go	EN80pt		
#	CALL SIGN		GRID SQ	MILES	TOTAL
1	KA1ZE/	Go	FN01xt	252.1	252.1
2	W2UAD	Go	FN13gc	311.7	563.8
3	K8TQK	Go	EM89je	115.9	679.7
4	KC8TRL	Go	EN81fq	73.4	753.1
5	WB8AUK	Go	EN80or	8.7	761.8
6	WA4REE	Go	EM65ix	416	1177.8
7	VE3MLM	Go	FN04te	318.1	1495.9
8	W9KXI	Go	FN12ne	316.5	1812.4
9	N8WNA	Go	EN82km	119.4	1931.8
10	W8SOL	Go	EN71rd	100.6	2032.4
11	KC8ZJL	Go	EN71qf	103.5	2135.9
12	KO4YC	Go	FM17gv	345	2480.9
13	WA3EOQ	Go	FM09jo	202.6	2683.5

KD2AVU FN30

Hi Stan,
 Went to the red cross center tonight and signed up as backup operator for Ares. So hopefully I will be assign to some work at one of the local shelters during the weekend. So I'll bring my dual band beam and setup my station there to provide some communication. Should be interesting.
 73 de kd2avu
 Tim



WA4REE EM65ix

NET ACTIVITY

50 Nets..

NCS Stations please send check-in list

UpperRioGrande	Sunday	8PM Local	50.150 net control	NM5F	DM65
Pack Rats	Monday	7:30 Local	50.145 net control	K3EOD	FM29
Mid Missouri	Thursday	9PM Local	50.135 net control	KD0AKF	EM38

144 Nets..

NCS Stations please send check-in list

BEAM SPINNERS	DAILY-SU	8AM Local	144200	WA7KYM M,Tu,W,S	KG0OR Th, K0OJ F
Lowcountry DIGITAL	Sunday	8:30PM Eastern	145000 net control	KH6TY FM02	
Western States	Sunday	4:30 Pacific	144200&3920	K6TSK DM03;N8DEZ DM04	
PNWVHFS	Sunday	8AM Local	144240		
ECVHFS	Sunday	10:30AM Eastern	144250 net control	K2SMN FN20	
ST PETE	Sunday	8:15PM Eastern	144210 Vert or Horiz	WA4GCH EL87	
Roadrunners Microwave	Sunday	9PM Central	144.150 net control	K5LLL EM10kf	
Pack Rats	Monday	8PM Eastern	144150 net control	N3ITT FN20	
Florida SSB	Monday	7PM Eastern	144210 net control	WA4JWU EL98	
Rocky Mtn	Monday	8PM Local	144220 net control	W0EDW/K0MLM DN70	
UpperRioGrande	Monday	8PM Local	144.250 net control	NM5F DM65	
Guelph	Monday	9PM Eastern	144245 net control	VE3XTM EN93	
San Diego	Tuesday	7PM Local	144230 net control	W6IPT	
W5VHF	Tuesday	8PM Central	144190 net control	KD5ZVE EM26 (K5SW)	
NO GA	Tuesday	8PM Eastern	144210 net control	W4TMW EM84	
Quebec	Tuesday	8PM Eastern	144240 net control	VE2JWH FN35 (VE2DC)	
PNWVHFS	Tuesday	8PM Local	144240		
AM Nostalgia	Tuesday	7PM CDT	144950 net control	KC9CUK EN52	
Deep So Texas SWOT	Tuesday	9PM Central	144250 net control	N5SSH EL07go	
144.240 net	Wednesday	0100Z 8PM Central	144240 net control	WB9LYH EN54	
144.252 net	Wednesday	0030Z 8:30 Eastern	144252 net control	K8TQK EM89je	
Lowcountry DIGITAL	Wednesday	8PM Eastern	145000 net control	KH6TY FM02	
Guelph	Wednesday	9PM Eastern	144245 net control	VE3XTM EN93	
North Tex SWOT	Wednesday	9PM Central	144250 net control	W5FKN EM13	
SWOT net:	Thursday	8PM Central	144250 net control	K5YG EM50	
OK SWOT	Thursday	8PM Central	144250 net control	KD5ZVE EM26	
SE Ohio SWOT:	Thursday	8PM Eastern	144250 net control	AB8XG – KD8DJE EM89	
Q5 net:	Thursday	7PM Central	144220 net control	N9JBW EN61	
NEWS net:	Thursday	8:30PM Eastern	144250 net control	W1COT FN31	
Atlantic SSB	Friday	8:30PM Eastern	144240 net control	WB4IXU EM86	
Chicago-Ohio	Friday	7PM Central	144.215 net control	KD8IME EN71	
Chesapeake	Saturday	9:30PM Eastern	144205 net control	W3BFC FM18	

[Wswss] Net Time Change Reminder

As the chronocrats and propagation gods dictate: Time Change for Western States Weak Signal Net Sunday 04 Nov 2012 change to standard time will allow us to revert to our winter hours for the net activity. We will meet one hour earlier each week. We hope to hear you soon and see what VHF/UHF/MW stuff is going on in your shack... NET TIME: 1630 PST (4:30pm) FREQ: 3.920 MHz LSB & 144.200 MHz USB (socal) NET CONTROL: N8DEZ (DM04) & K6TSK (DM03) 73 Steve N8DEZ

NET ACTIVITY

222 Nets..

NCS Stations please send check-in list

Pack Rats	Monday	8:30PM Eastern	222.125 net control KB1JEY FN20
EN82,91,EM89	Tuesday	8PM-10PM	222.100 check on ON4KST chat
UpperRioGrande	Tuesday	8PM Local	222.150 KC5EFM DM65
RMVHF	Tuesday	8PM Local	222.100 DN70/DM78 area

W5LUA trying to promote Tuesday 222 ACTIVITY NIGHT. I generally just look towards Austin and then west and then north and then followup down towards Houston and Louisiana. Starting at 7PM. Usually done by 8 PM. Also look for Al and Dan WB5AFY daily 222.100 7:30 Am checking morning conditions.

432 Nets..

NCS Stations please send check-in list

Morning activity in the Southeast is on 432.095.

N4PZ	Monday	8PM Central	432.100 net control N4PZ EN52 beams move East 8:45PM Eastern Time
East Coast 70 CM Net	Wednesday	9PM Eastern	4320.90 net control W4DEX EM95tg; W4VHH EM95um; W4NUS EM95od
Pack Rats	Monday	9PM Eastern	432.110 net control WB2RVX FM29
RMVHF	Wednesday	8PM Local	432.100 DN70/DM78 area
UpperRioGrande	Wednesday	8PM	432.150 NM5F DM65
FLWSS	Thursday	8:30 Eastern	432.090 net control K4HV EL97rx will be NCS in March
70Cmers	Thursday	7PM Pacific	432.120 net control WO1S DM13
WB4IXU	Friday	9:30PM Eastern	432.110 net control WB4IXU EM86
Guelph SSB	Friday	9PM Eastern	432.210 net control VE3XTM EN93

902/903 Nets..

NCS Stations please send check-in list

Pack Rats	Monday	10PM Eastern	903.100 net control WA3SRU FN20
UpperRioGrande	Wednesday	7:30PM Local	902.150 net control W7QQ DM65

1296 Nets..

NCS Stations please send check-in list

PNW	Sunday	0900 Pacific	1296100 NCS WB7BST CN87
Pack Rats	Monday	9:30PM Eastern	1296100 net control K3TUF FN10 Phil will run all Microwave Bands
UpperRioGrande	Tuesday	7:30PM local	KC5EFM DM65
1296 SoCal	Friday	8PM Pacific	K6TSK DM03 We look to northern CA before 8:00 and at 8:00 to 8:15 for gen. ck. Ins. 8:15 to 8:20 to the east, and 8:20 to 8:25 south, and again for local check ins to 8:30 and again to the north before closing the net. See you all Friday night, 73 Ralph K6TSK DM03XT

103686 Nets..

NCS Stations please send check-in list

Colorado Activity Group Sunday 8PM 10368.100 contact N0SP pegasus@mho.net

Central Missouri 6 Meter Net

Hi Stan! From The Great State of Missouri. We had a great net tonight several check-ins

KD0AKF NCS EM38

WA2KBZ EM38

KB0NXX EM38

W5EWF EM38

K0WYN EM48

WD0ECO EM38

WA0BER EM38

KD0KLU EM38



Thanks to all for showing up and checking in. Thank you Stan for the morning report.

Q5 CLUB NET N9JBW NCS

MY CALL:	N9JBW	Go	EN61dq			
#	CALL SIGN		GRID SQ	MILES	TOTAL	BAND
1	N9ABF	Go	EN51wu	23.6	23.6	144.220
2	N9UV	Go	EN72qp	165.9	189.5	144.220
3	KC9IFZ	Go	EN61bp	12.1	201.6	144.220
4	WA9HIR	Go	EN61cu	7.6	209.2	144.220
5	KD8IME	Go	EN71so	167.3	376.5	144.220
6	W8SOL	Go	EN71rd	166.4	542.9	144.220
7	N9PXI	Go	EN61cu	7.6	550.5	144.220
8	KY4MRG	Go	EM77rp	328.8	1208.1	144.220
9	KC9RIO	Go	EN61eu	6.3	1214.4	144.220
10	N9SDT	Go	N/A	0	1214.4	144.220
11	KC9AZ	Go	EN61fn	15.8	1230.2	144.220

12	W9FRT	Go	EN51wx	25.6	1255.8	144.220
13	KC9MJL	Go	EN61dw	11.9	1267.7	144.220
14	K9CCL	Go	EN61dw	11.9	1279.6	144.220
15	K9KEV	Go	EM12lt	804.4	2084	echolink
16	K9KHW	Go	EN63ad	97.2	2181.2	144.220
17	KB9ON	Go	N/A	0	2181.2	144.220
18	K9OB	Go	EN61cx	16.7	2197.9	144.220
19	W9EWZ	Go	EN52kr	101.3	2299.2	144.220
20	KC9TIR	Go	EN61cs	5.4	2310	144.220
21	N9HNO	Go	EN61bw	13.6	2323.6	144.220
22	KA9GQE	Go	EN61ds	2.1	2459.4	144.220
23	N9HSH	Go	EN61dq	6	2471.4	144.220



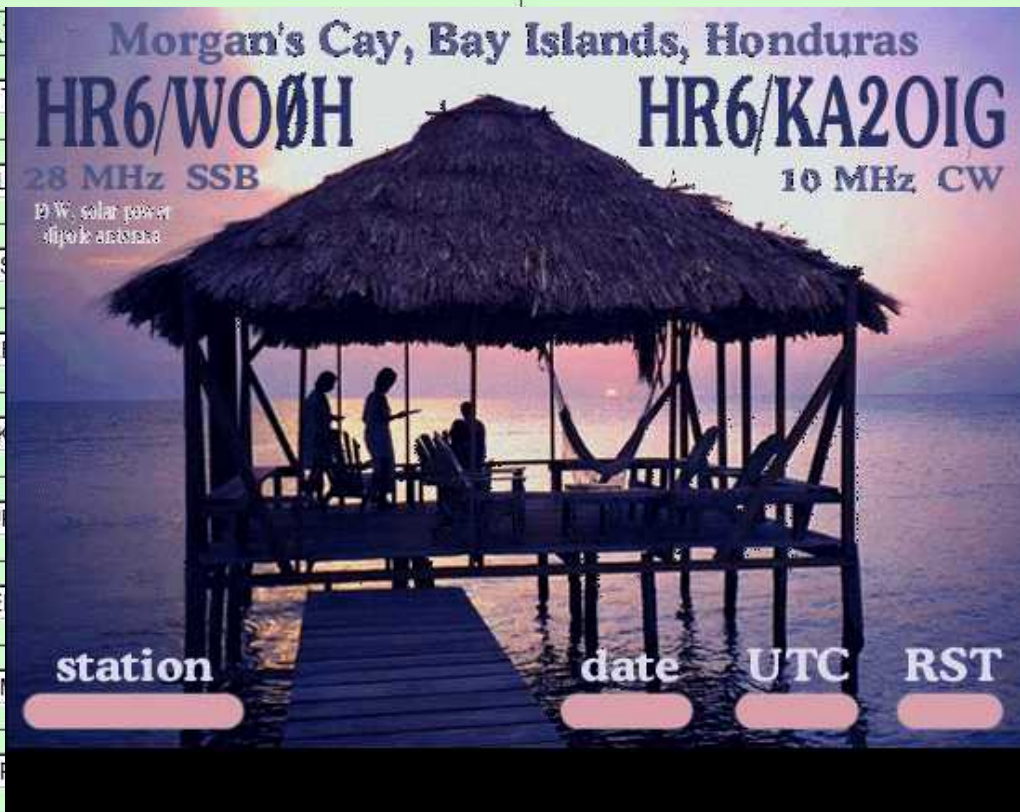


NEWS Net CheckIns - Thursday 1 Nov 2012

W1COT NCS



MY CALL:	W1COT Go	LEIPER, ROBERT E	VERNON, CT 06066	FN31st	
IN # / OUT	CALL SIGN	NAME	BEARING	MILES	GRID SQ
1 / ☐	W1OUN Go	PE	51 deg	71.5	FN42hk
2 / ☐	W1ZC Go	WIL	29 deg	74.7	FN42dr
3 / ☐	K1MAP Go	CAS	5 deg	17.5	FN32sb
4 / ☐	W1TDS Go	NE	311 deg	54.2	FN32ih
5 / ☐	KB1EAT Go	JAK	295 deg	22.6	FN31nw
6 / ☐	K1BXC Go	BU	49 deg	6.3	FN31tu
7 / ☐	KM2KM Go	ME	283 deg	211.2	FN12sk
8 / ☐	WZ1V Go	KL	184 deg	35.7	FN31rh
9 / ☐	K3GNC Go	BY	230 deg	188.9	FN20ja



KM2KM has been in effect since 12 May 2010.

KA2OIG was my original call sign in 1982. In 2010 I upgraded to Extra and became KM2KM.

Overseas my call signs have been: /TG (Lake Flores and also Guatemala City); /HR6 (Morgan's Cay, Bay Islands); /HK2 (Bogotá); HR3SJO (Scout Jamboree Olancho); TI2QRP (I was really into QRP then); OA4DBO (Lima); HC1CK (Quito, Guayaquil) and /WP4 (Arecibo Observatory). I have also operated from Newfoundland; Sri Lanka; Kosovo; and France.

Current 144 MHz Activity

CN85 KI7JA,KB7ME;
DN22 W7OUU
DN40 K7JIZ
DN41 KU7Z
DN45 WC7V
DN62 N7AOK
DN65 N5JEH
DN70 K0MLM,KD0HUM,W0SBS,AC0KC,AC0YV,KG0IJ,KC0RRI,K0CJ
K6VPE,W5WW,WAI0L,W0OJ,K0RSC
DN74 W7TNT
DN81 WD0BQM
DM24 W7OJT/p
DM00 K5DOG
DM04 N6ZE
DM33 KE7NR
DM42 NQ7R
DM78 K0RI,WB0RRU,KC0TBE
DM79 W0EDW,W6OAL,N0SP,KK0Q,AA0L,WV0H,WA0SK,K0IMJ,W0GSQ
W7I1N,W0TKX,KD6DDX,WE7L,KK0Q
DM91 N5SVK
DM98 N0YK
EN07 ND0B
EN17 VE4MO
EN10 N0LWF
EN21 W0KT
EN22 WB0YWW,KG0SJ
EN33 KA0KYZ
EN34 W0VB
EN35 N0KK,KD0KUK,K0SIX
EN40 WA9BNZ,NG9R
EN41 K2DRH,N9RMX
EN42 KC0AKJ
EN44 KD9NH
EN50 AA9MY,N9SS
EN51 W1ZIH
EN52 KC9CLM,W9RM
EN53 W9NHE,KY9E
EN54 W9JN,WB9LYH
EN58 VE3KRP
EN60 N9XG
EN61 WA9KRT,K9CCL
EN62 WE9K,WA9KRT
EN64 N9OLT, N8JX,W9BLI
EN70 W8BYA, K9MRI,N8IBV
EN71 KC8ZJL
EN72 KR8T
EN74 W8MIL
EN80 WB8AUK,WM8I
EN82 N8WNA,N8AIA,K8JA
EN83 K8POS,K8MM
EN84 KF8MY
EN90 K8WFN,KB3VPQ,NM3M,N3NWJ
EN91 W8ANS, KC8YJB,K8GDT,NF8O
EN92 VE3SG,VE3ZV,VE3DXP
EN93 VE3XTM,VE3UTN,VE3VDO,VE3AXW,VE3HP,VE3PVB,VE3CSZ
VE3HYE,VE3QB,VE3INM,VA3TET

EM02 KC5GZP
EM04 WB5AFY
EM10 K5LL,W5AAC
EM12 WA5BEG,N5ORY
EM13 W5LUA,WA0URJ
EM14 KD5FSC
EM15 W5LE,KF5KFB,W5KIS,N5AFY
EM16 W5LDA
EM17 KF0M
EM18 N0JK/P
EM20 K5DDD,W5WSH
EM24 KI5KC
EM25 K5SW,W5VTM,WW1HH,W7QJQ,KI5KC,KD5OLB
EM26 KD5ZVE,K5ZCJ,W6ZI,W5BM,KF5NML,AB5UB
WD5AGO,K5XH
EM27 W0RT,N0IGZ,N0MST,W0HL
EM28 N0JK,K0EUX,WA0ARM,WF0N
EM29 N0IRS,KB0EMB,N0DWR,KD0AOP,N0FXC,AB0YY
EM34 W5VY
EM36 KK5IX,KG5MD,K5FOY
EM37 W0BLD,K0AZ
EM38 WA2KBZ,W0NGK
EM39 N0PB,N0CLS,N0GHS,KD0GOV,AA0KM,KD0ETU
EM48 K0WYN,W0SRB,W0WFH
EM49 N0JA
EM50 W6CSA,K5YG
EM54 W8FR
EM55 KI4ROF,KX4WB,KJ4REM,KF4WTU,N4REU,
AD4WX,KG4MID
EM56 K9OIM
EM59 WA9OEX
EM60 W4RL
EM62 KI4PQE,N4ION
EM63 W4AVY,N4DSD,N4DSS
EM64 KJ4UGO
EM65 KQ4NA,NA4C,N4VFB,WA4REE
EM69 W9WZJ
EM73 KX4R
EM74 K4DRF,KA2KQM,W4AMP,K1KC
EM76 N4PPG
EM77 KY4MRG ,K4TO
EM78 KC4WQ,AK4BM
EM79 KC9ELU,W8ULC,N8IDS,WA9M,WB4TVK
EM81 K4KV
EM82 WB4SLM
EM84 W4TMW,N4QH,KJ4WMO,N4NKP,KJ4JFE,W8KBW,W4CRN
W4WA,WA4NJP,
EM85 WD4NMV
EM86 KG4WLX,AA4H,WB4IXU
EM87 N4TLL
EM89 K8TQK,KI8CA,AB8XG,KD8DJE,W8WG
EM95 N1GC,AB3C
EM97 K4XXX

EL17 W5UWB
EL29 N5TM
EL86 N3LL,WA4DOS
EL89 WA8ZYT,N4TWX
EL95 W4AS
EL96 N4QV,KE4WBO
EL97 W4HLW
EL98 N4TUT,AJ4MW,WA4JWU,N5GX,N8IZY,KR4WB
NK0F,KI4YQR,KJ4WXL,KE4ZHN
EL99 N9HF,KI4FIA
FN00 AC3L/m
FN01 KA1ZE/3
FN02 W2HCQ,KB3WL
FN03 VA3ELE,NY2WD,VE3VII,VA3WLD,VE3EVN,
KB2BLS,VE3ROR,AB2YI,WB2SQS
FN04 VE3MLM,VE3THR
FN10 KB3TNZ,K3TUF,K3MD,W3CMP
FN11 KA3BPN,WA4GPM,WA3CSP
FN12 AA2DT,KA2LIM,W9KXI,WT2W,W2ACR
FN13 W2UAD,K2OS,WB2BYP,KC2PCD,KA2EKI, K2DH
FN14 VE3TJY,VE3GCG,VA3VEC,VA3CAF,KC2RDC,VA3UP,VE3OX
FN20 W2QEG,W3TDF,WA3LBI,AE3T,K2DZM,
WA2LTM,KA3QWO,N2FFL,K2UYH,NE2U
K3GNC,N2FFL,W3VIR,K2SMN,K2QWQ,W2ZKE
W3ZB,WI2Q,KC2GLR,KB1JEY
FN21 W3MTP,N3EVW,W1WV
FN22 KC2SFU,N2DCH
FN25 VE2NRG
FN30 NY2NY,KD2AVU,WA2CLP,AA2XK
FN31 K1PXE,WZ1V,K1TEO,K1BXC,K1THP,N1ZN
WA1ZRK,W1TR,KB1AEV,KB1EAT,k1vdf,KX9X
FN32 N1DPM,K1MAP,K1REX,W1TDS,WA1RKS
FN34 W1AIM,N1TLW ,W1GHZ
FN35 VE2DSB,VE2DC,VE2JWH,VE2HAY,VE2SIL
KB1LLU
FN41 N1MIW,N1GJ,W1TSL,KB1ORX
FN42 W1RZF,N1TQ,W1OUN,W1ZC,K1NDF,K1HC
FN43 AF1T,N1JHJ,K1WHS
FN44 N1JEZ
FN64 KT1R
FN74 VE1SKY
FM07 KG4HOT
FM08 AD4TJ
FM09 N7NMS
FM15 AI4WL
FM16 KN4SM,W4RVZ
FM17 KO4YC,W4JST,KG4KWW
FM18 K3CB,W3GAC,K1DQV, K1HTV
FM19 W3ZUP,K1RZ,K3ARN,K3IB,WA3GYW,N3HUE
N3XUG,K4MSG,K8GU
FM29 N3RG,K2CB,KC2TN,WB2RVX

Current 222/432 MHz Activity

432 MHz Activity

CM95 W6YFK
DM03 K6TSK,AB6TB,W6CRO,
DM04 N8DEZ,W6QNV,N6PI,K6KMN,KF6RNT,N6RMJ,N6ZE
DM12 W7JBC
DM13 WO1S,W6IPT,W6OTL,KI6FF,KE6JGE,K6RMR
KI6PH
DM14 N6EQ
DM34 KD6VAN
DM42 NQ7R
EN22 KG0SJ,WB0YWW
EN41 K2DRH
EN51 W9ZIH
EN52 N4PZ,KC9KCR,N9IYV,W9UIJ,W9WMV,KC9SDO,W9RM,N9LB
EN53 W9GA
EN63 KC9BQA
EN64 N9OLT
EN58 VE3KRP
EN70 W8BYA,K9MRI
EN71 K9EA
EN72 WB8TJY
EN80 WB8AUK
EN81 N8DJB
EN82 K8JA,K8MD
EN83 K8MM
EN91 K8GDT
EN93 VE3XTM,VE3HP,VE3VDO,VE3PVB,VE3HYE
VE3INM
EM13 W5LUA
EM18 N0JK/P
EM24 KI5KC
EM25 K5SW,K5LLL
EM28 N0JK.WA0ARM
EM29 N0IRS
EM48 W0WFH
EM60 W4RL
EM66 WA4REE
EM69 W9WZJ
EM70 AA2LY
EM73 W4ZPG,KX4R,K1KC
EM74 W4AMP,KA2KQM
EM75 KE4PU,K4RPA,K4YRK,KA4D
EM77 K4TO,
EM82 WB4SLM
EM84 WA4NJP,W4TMW,KK4NO,W4ITX,N4QH,W4WA
EM85 K4CSO,W4WSR,N4AK
EM86 AA4H, AA4DD,KG4WLX,WB4IXU,K4FJW
EM89 K8TQK,WB8OTH,KI8CA
EM92 W1WXS
EM94 W2ZV,NT4RT
EM95 N1GC,W4VHH,W4DEX,W4GRW,N4HN,K4ATX
EM97 K4XXX
EL87 KD4ESV,WP4O,K3AAF
EL88 W3TMZ,K2STO
EL89 N4TWX
EL97 NN4AA
EL98 N4TUT,WB4OMG,K4DAE
EL99 WB4WHN

FN03 VA3ST,VA3ELE
FN10 K3TUF,K3MD,KB3TMW
FN12 W9KXI
FN13 K2DH
FN20 K2DZM,WA2LTM,WA3EHD,W3VIR,K3JJZ
K3GNC,KB1JEY,K3EBZ,KB3MTW,AA3GZ
N3PLM,W3GAD,WA2DTW,K3EBZ,K3BFS
KA3FQS
FN21 WB2FGK
FN22 W1WV
FN30 WB2JAY,NY2NY,KD2AVU
FN31 WZ1V,K1TEO,K1PXE,WB2SIH,W1TR
FN32 K1MAP,WA1RKS
FN35 VE2DSB
FN41 N1MIW
FN42 W1ZC,W1OUN,K1HC
FN44 N1JEZ
FN74 VE1SKY
FM02 KH6TY,AJ4UQ
FM06 K4QI
FM07 WA4PGI
FM15 W2YPM
FM16 KN4SM
FM17 KO4YC,W4JST,KG4KWW
FM18 K1HTV
FM19 WS3C
FM29 WB2RVX,N3RG,K2CB,KC2TN

222 MHz Activity

DM03 K6TSK
DM04 N6ZE,N8DEZ,N6VI,WA6VXT
DM42 NQ7R
DM61 K5PHF
EL17 W5UWB
EM04 WB5AFY
EM13 W5LUA
EM17 KF0M
EM19 WQ0P
EM25 W5VHF
EM48 KB0PE
EM73 KX4R,K1KC
EM74 W4AMP
EM78 KF4LYM
EM82 WB4SLM
EM84 N4QH,W4WA,WA4NJP
EM86 AA4H,WB4IXU,KG4WLX
EM89 K8TQK
EM95 N1GC
EM97 K4XXX
EN41 K2DRH
EN50 W9SZ
EN52 W9RM,KO9A,
EN53 W9GA,N9DG
EN54 ND9Z
EN58 VE3KRP
EN63 KC9BQA
EN66 N8PUM
EN71 N9YK
EN72 KF8QL
EN73 WD8USA
EN74 W8MIL
EN80 WB8AUK
EN81 N8DJB,K9TM
EN82 N8WNA,N8AIA,K8MD,N8IEZ
EN83 K8MM
EN91 K8GDT,K8DIO
EN92 VE3ZV
EL86 N3LL
EL89 N4TWX
EL95 W4AS
FN10 K3MD,NZ3M,K3TUF
FN11 WA3CSP,N3RN
FN12 W9KXI, K2LIM,K42LIM
FN13 WB2BYP
FN20 KB1JEY,K3JJZ,N3PLM,WA2DTW,WA3SRU,
KA3FQS,WA3EHD,K1DS
FN22 W1WV
FN35 VE2DSB
FN30 NY2NY,WB2JAY,WA2VNV
FN31 K1TEO,WB2SIH,W1QK,W9JJ
FN32 K1MAP,WA1RKS
FN41 N1MIW
FN42 K1HC,N1TQ
FN43 K1WHS,WW1M,W1MRQ
FN44 N1JEZ
FN54 K1DY
FM06 K4QI
FM16 KN4SM
FM29 WB2RVX,N3RG,WA3QPX,WC2K,WB2UIS,
K3EOD

Current 902 MHz and up Activity

903 MHz Activity

EN70 K9MRI,
EN91 K8GDT
EM73 K1KC
EM74 W4AMP
EM77 K4TO
EM82 WB4SLM
EM84 W4WA
EM89 K8TQK

1296 MHz Activity

CM97 W6PQL
DM03 K6TSK,W6CRO,WA6MEM,
DM04 N5BF,N8DEZ,N6RMJ,KF6RNT,W6QIW,N6ZE
DM13 AA6DQ,KI6FF,WB6NOA
DM14 N6EQ,KN6VR,K6HLH,W6OAR,N6RMJ
EL98 N4TUT
EM13 W5LUA
EM25 K5SW,W7QJQ,W5VTM
EM18 N0JK/P
EM26 WD5AGO
EM28 N0JK
EM73 KX4R,K1KC
EM74 W4AMP
EM77 K4TO
EM82 WB4SLM
EM84 N4QH.KK4NO,W4WA
EM89 K8TQK,WB8OTH
EM95 W4VHH
EN41 K2DRH
EN51 W9ZIH
EN58 VE3KRP
EN83 K8MM
EN91 K8GDT
FN03 VA3ELE
FN10 K3TUF,K3MD
FN13 K2DH
FN20 WA3EHD,W3VIR,WA2LTM,K3GNC,K2DZM
FN30 NY2NY,WB2JAY
FN31 K1PXE,K1TEO,WB2SIH
FN32 K1MAP
FN35 VE2JWH
FN41 N1MIW
FN42 W1ZC,K1HC
FM29 WB2RVX,N3RG,WA3RLT,

Microwave Activity

DN70 W0BA **I**
DM79 N0YE **I**, K0RZ **I**, N0SP **I**, WV0H **I**, W6OAL **I**,
W0KU **I**
EM26 WD5AGO **F**
EM77 K4TO **EGH**
EM82 WB4SLM **FH**
EM84 W4WAF
EM89 K8TQK **EGH**

FN13 K2DH
FN31 K1TEO **EF**
FN32 K1MAP **I**

FM29 N3RG **EF**

Recent Beacons

903.400 BEACON DN70

The W0BA/B beacon is operating continuously from Horsetooth Reservoir on 903.4MHz. It is running +23dBm to an omni directional horizontal antenna.

1296.300 MHz

WD5AGO/b EM26ad

2w, 6dB Slot Omin Tommy WD5AGO

10368.160 BEACON FM19of

I told my friend, Morrie Cahill, KA3EJJ, that I would post news of his newly installed and operational 10 GHz beacon, located in Ellicott City MD, FM19OF. It is running a little less than 1/2 watt from a "white box" PA driven by a brick, with a PIN switch modulator. Morrie is working on getting it more stable, right now, it is 10368.160 plus-minus 20 KHz, depending on ambient temp ;<) ! Right now he says its 160!

He would welcome your reception report, his email is mkc1970@aol.com
73! Jeff Kruth WA3ZKR

10368.072 BEACON FN10ni

Stan,
Installed new W3HMS beacon on Blue Mountain in Harrisburg, FN10ni at 10368.072
I am receiving it well 40 miles east of it at my location in FN10we
You should get report from Ray, his tower came down in the storms this past weekend.
Phil K3TUF

10368.325 BEACON EN91um

Hello Microwavers,

I would like to announce a new 10 GHz beacon! The beacon is located in Atlantic, Pennsylvania (EN91UM). The call sign is K3AWS and the frequency is 10368.325 MHz. +/- , running one and one half Watt into an Alford Slot Antenna. The ground elevation is 432.8 Meters (1419.9 Feet), and the tower is another 89.3 Meters (292.9 Feet). Any reception reports would be greatly appreciated.

*Thank You & 73,
KB8VAO, Steve
kb8vao@arrl.net*

**N4PPG em76xg has a beacon on the air 144.281 3.5 watts @ 20 ' soon to be 20 watts. If you hear it send him a email letting him know.
.tnxMike KY4MRG EM77**



Stan:

Please add the following nets to your Net List in the 205 Morning Report

Sunday 9:00 PM Central Time Roadrunners Microwave Group 144.150 Net Control, K5LLL EM10kf

Tuesday 9:00 PM Central Time Deep South Texas SWOT Net 144.250 Net Control, N5SSH EL07go

Also, there is a new beacon WA6UFQ/5 on 1296.403 EM00xh. This is now at the same location as the K5RMG beacons on 903 and 10 GHz.

I hear the 1296 and 903 beacons regularly at EM00kd.

Keep up the good work on the 205 Morning Report when you can.

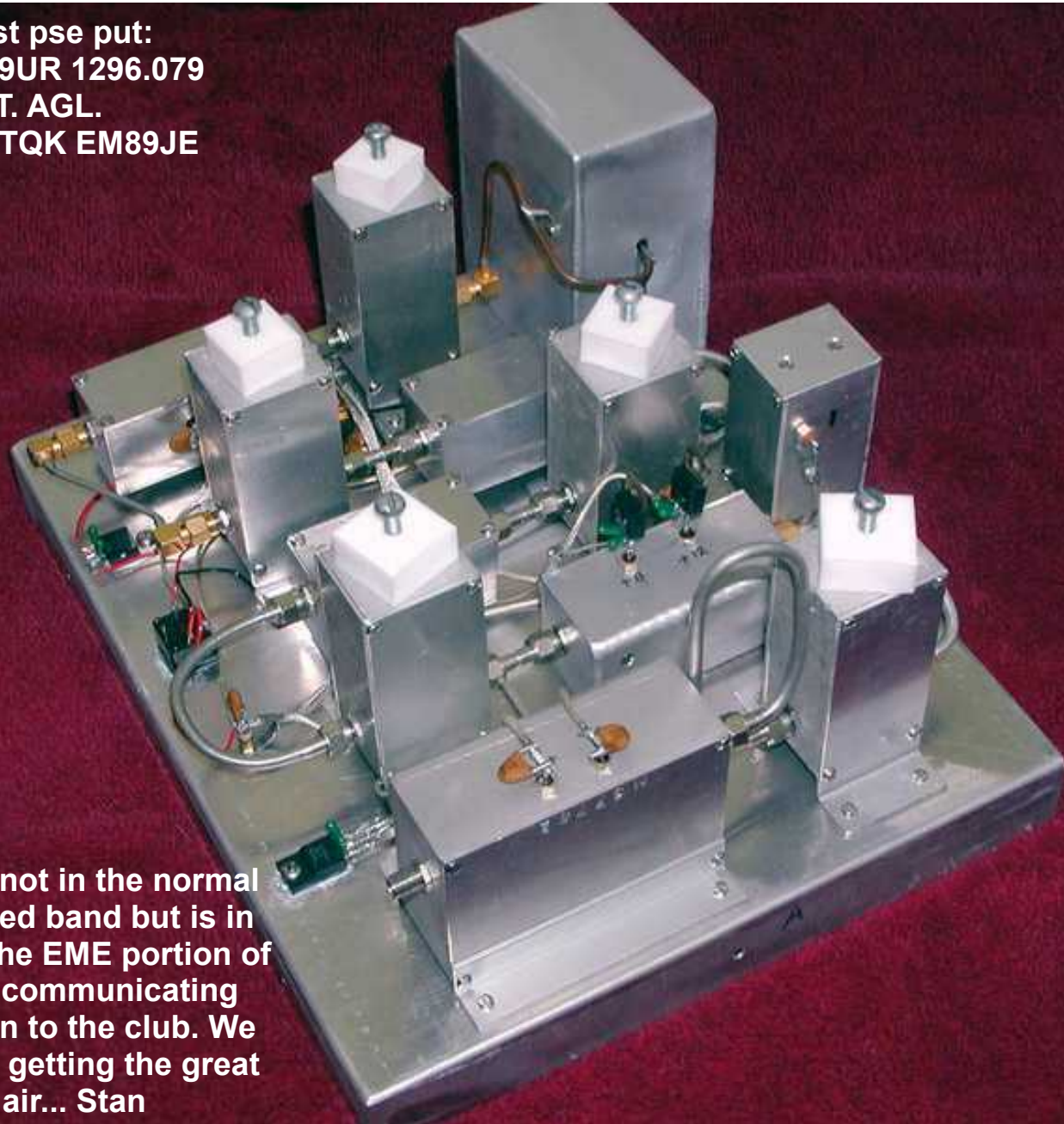
73,

Bill Tynan, W3XO/5 EM00kd
50 thru 3456

10 METER BEACON 28.229.3 is on the air... 5 watts into a dipole radiating east-west will change to a vertical soon.
Ken, KA2LIM FN12

W8KSE/B EM79UR 1296.079

On your bcn list pse put:
W8KSE/B EM79UR 1296.079
2 WTTS 800 FT. AGL.
Tnx 73 Bob K8TQK EM89JE



The beacon is not in the normal beacon allocated band but is in the middle of the EME portion of the band. I am communicating this information to the club. We thank them for getting the great beacon on the air... Stan

RVHFG Beacons Are Back On The Air!!!

All-

The club beacons are finally back on the air, hopefully in their long-term location.

They are in FN12hv thanks to the generosity of the Antique Wireless Association, they are located on a 30 foot mast at the AWA Museum in Bloomfield.

They are as follows:

50.078- 1W to a Dipole

144.297- 1W to a Big Wheel

222.050- 5W to a Par Omni-Angle

432.300- 5W to a Par Omni-Angle

1296.257- 2W to a Halo

They all ID simultaneously, beginning with about 20 seconds of carrier, followed by the ID (W2UTH) and Grid (FN12hv), followed by several seconds of no carrier.

A huge THANKS to all who helped bring this project to completion: W2CNS, K2OS, K2LDU, K2LDT, WB2BYP, K2OEQ, W2BSN, K2DB, AA2DT, W3OAB and probably others I've forgotten (and me).

I'm listening to them now on all bands but 222 (no gear for 222 here yet) and they sound good.

The club welcomes reception reports, so if you can hear them, please let us know!

We'll be adding other bands as time goes on- 903, 2304, and up.

73, Dave K2DH

10GHz Beacon

Beacon was built by Tom, W1EX

Sends CW ~12wpm "N1JEZ/B FN340M 10-sec carrier"

CW pulses are shaped to eliminate keying clicks.

Frequency=10.368320GHz

**External Reference=10MHz 0dBm to +10dBm
Zo=50ohms**

DC Power= +15V @1.75amps

Microcontroller=Atmel ATmega32-16AL

PLL Lock Status: If unlocked, RF signal and DC power is removed from the PA

Watchdog Timer: If the program is hung up for more than 2 seconds the micro will reset.

Synthesizer: Analog Devices PLL ADF4153, CRO Zcomm CRO2580A (2592.08MHz). This frequency is multiplied with a Hittite HMC443LP4 X4 multiplier to generate 10.36832GHz. The microwave is filtered with a 3-section waveguide filter. The power amplifier is set for an output of +30dBm.

DC Power Connections: Pin F=+15Vdc, Pin B,C=GND, Pin A= External PLL Status open collector configuration (Locked collector pulled low)

Mike N1JEZ

10368.320 GHZ

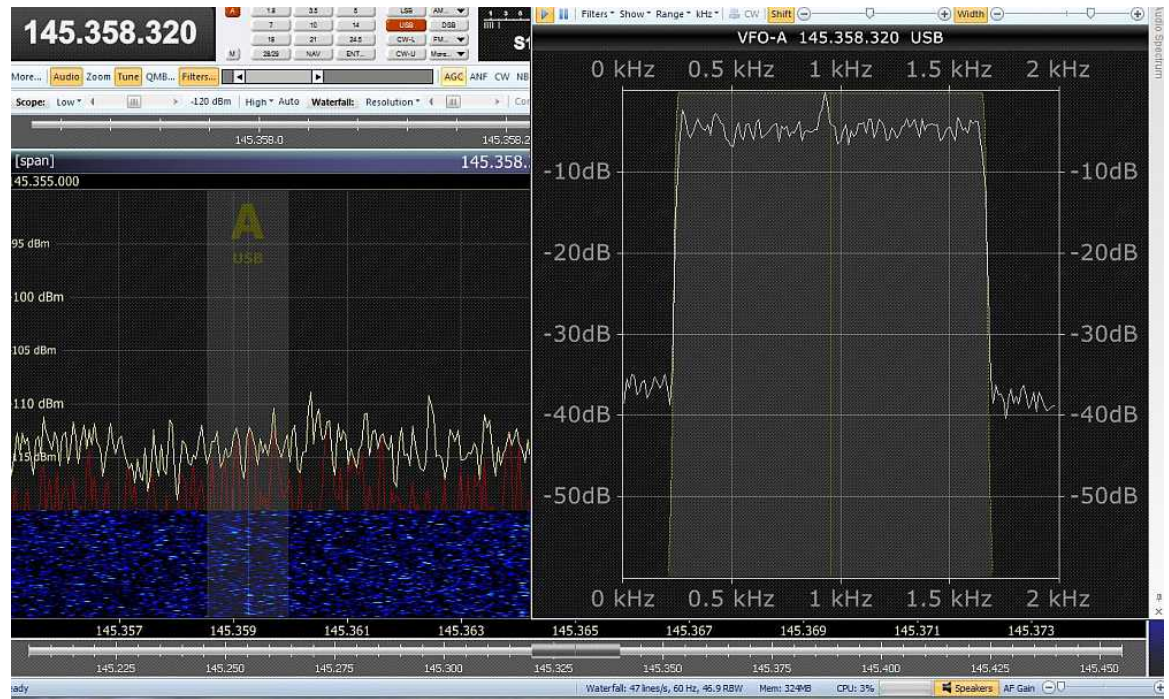
N1JEZ/B

FN340m

10368.320 GHZ
N1JEZ/B
FN34om

Spotted in Woburn, MA by Don
W1FKF 265 km. He is blocked by
Kearsarge so the signal is low, but
detectable in SDR-Console. 5 dB
over the noise. He says he also sees
it via airplane scatter.

Hi Mike & all



We had no takers for a beacon listening try after the NEWS meeting on Saturday so I did not go up to Soapstone Mtn. on Saturday afternoon. But, this morning, just before sunrise to a bit after sunrise from 6:20-6:50 am I heard your new Mt. Mansfield 10 GHz beacon from Soapstone Mtn, Somers, Ct, FN31tx, 177 miles, 284 km., at 353/173 degrees.

There will be a video up on You Tube "vhfsites" later today or tomorrow morning. If you key in "FN34" it should show up somewhere down the list.

The beacon was weak, but steady and just about what I expected, having worked K1LPS on Mt Washington a few times from there with his 100mw to my 20db gain horn, with a "just barely workable signal". The beacon was a bit better than Larry's signal. Given the mountain heights, the paths, and the distance, signals from Mt Mansfield and Mt. Washington should be about the same at Soapstone. Conditions were flat or maybe just a bit up, but not much. The Mt. Greylock 10 GHz beacon is very loud on Soapstone, and was about 25 KHz down from Mike's beacon this morning.

73
Mark
K1MAP

The Video of Soapstone Mtn Tower & Mike's beacon reception there at FN31tx is live at: http://youtu.be/rH_MvJOfnxA



N8PUM

I have recently installed two beacons.

*432.311Mhz 3 Watts to a turnstile
antenna EN57vi Mt. Horace Greeley
Michigan*

*Also I have placed a beacon on 10368.315
+/- Mhz at the same location 200mW
to a 32 slot omni antenna.*

de N8PUM Brandon

*Here are some pictures of the beacon. The
site is just SW of Brockway
Mountain, but higher.*

EN57 BEACON



WANTED / FOR SALE



I need help to fixing my 432 amp. I think I blew the two transistors in the unit cause I forgot to turn down the power when TXing :(it is only putting out 45 watts with the MRF646 transistor two MRF648s were blown.

Tnx a bunch

73 de kd2avu@gmail.com

Tim

WANTED

LOOKING FOR A 222 ALL MODE RADIO IN GOOD SHAPE

RADIO HAS TO BE IN GOOD WORK ORDER TNX

PLEASE EMAIL YOUR PHONE NUMBER TO j_renkasjohn@yahoo.com

N9OLT

N4QH=== I need 1 RLC or Relcom antenna relay with N connectors and 24 volts. email lylen4qh@aol.com

WTB Lunar Link LA-12 220MHz Amplifier: am looking to purchase any version of the Lunar Link 222MHz Amplifier of which the LA-12A is the most recent version. Amp can be with or without power supply but prefer it to be without. Please state details about amp in your reply, condition both electronic and cosmetic, which tubes it has, price, etc.

Thanks!! 73 de Bill ND0B nd0b@arrl.net

Want to Buy: Lunar Link Power Supply for LA-72, preferably a PS72. Thanks & 73, Gator, N5RZ wb5aar@gmail.com (432) 638 2567
73, Gator N5RZ

For Sale

Henry 2K-4 amp w/2-3-500Z tubs in clean shape, was serviced by Henry Radio 1 1/2 years ago. \$1300.00obo

Yaesu 706 w/hand mike and manual \$450.00

Thank you

David

KB6VAN

7146381436



WANTED / FOR SALE



FOR SALE/TRADE:

If anyone is interested I have an old (24V/72A) Forklift battery charger to get rid of. It is quite large and heavy. Maybe someone could use it for parts or the transformer itself. I'm open to offers or trade. You come pick it up, I will help you load it. Pictures available upon request to peter@electro-pro.ca . Also have a small (36V/20A) charger, same deal, you want it make an offer and come and get it. Will take trades of equipment in good working condition.

Thank you,
Peter Prabucki
VA3ELE

I am having a Ham Radio yard sale on Saturday October 6,2012 at KB6VAN home.
Everything from Kenwood TS-480HX, Yaesu FT 101E, Henry 2K-4, parts, power supply's ETC.
Thank you.

David
KB6VAN

K1EL

HAM RADIO KITS

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WinKeyer USB

The Glitch-Free CW Sending Machine

KEYER FEATURES

- Uses new Winkey2 IC (V23)
- All external connectors on board for easy assembly
- 4 Message pushbuttons
- Painted and silkscreened enclosure with integrated standoffs
- Independent Outputs to drive two separate rigs
- RCA style Key and PTT outputs on back panel
- Key and PTT outputs are optically isolated
- Sidetone speaker on board
- Front Panel Speed Control
- Paddle connector on back
- USB interface (FTDI Controller based)
- USB driver and documentation provided on CDROM
- USB Cable (A to B) included
- Internal battery holder for three AAA batteries
- Micro power standby
- Dimensions: 4" W by 3" D by 1.75" H

\$79 plus shipping (Priority Mail for US)

Order from www.k1el.com **TODAY !!**



WinKeyer USB \$79 Complete Kit

With its rugged solid state relay outputs, this device can key virtually any transceiver or transmitter, even those with grid block keying. The kit includes enclosure, pushbuttons, PC board, and all parts including a USB cable. There is one surface mount part which is pre-soldered to the PCB. All you need to provide are keying cables from WKUSB to your transceiver. WKUSB uses standard RCA jacks for both Key and PTT outputs.

The K1EL WinKeyer is the standard for Computer-to-Rig CW interfaces !!