



SWOT BULLETIN

THE OFFICIAL NEWSLETTER OF THE
SIDEWINDERS-ON-TWO RADIO CLUB

PROMOTING SSB, CW & DIGITAL OPERATIONS ON 144MHz AND UP
VISIT US ON THE WORLD WIDE WEB AT:

The SWOT Homepage: www.swotrc.net
<http://groups.yahoo.com/group/sidewindersontwo>

BULLETIN # 304

SECRETARY-TREASURER: Howard Hallman/WD5DJT
3230 Springfield Ave.
Lancaster, TX 75134-1214
PHONE:(972) 224-5964
EMAIL: wd5djt@swbell.net
WEBPAGE: <http://home.swbell.net/wd5djt>

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CHAIRMAN & EDITOR: Art Jackson/KA5DWI
EMAIL: ka5dwi@sbcglobal.net
PHONE: (817) 485-4977
VICE-CHAIRMAN & WEBMASTER: John Petersen/KM5ES
EMAIL: km5es@km5es.net
WEBPAGE: www.km5es.net

S.W.O.T. GENERAL INFORMATION

- Send renewals and new applications for membership to Howard Hallman WD5DJT (See address above). Please make all checks payable to SIDEWINDERS ON TWO. Include your SWOT # for your renewals.
- Send your SWOT "Members Worked" from your log to, SWOT Awards manager, Wade Massey, 1016 Weiss Ave, Princeton TX., 75407 \$1.00 fee for certificate and your certificate number would be appreciated, also SASE.
- E-Mail all articles and reports to the Editors' Web addresses listed above or you can mail them to Art Jackson KA5DWI, 6516 Simmons Rd., North Richland Hills, Texas 76180-4243.
- **MERCHANDISE:**
Decals and listings available for \$1.00 each for shipping and handling from the Secretary/Treasurer.
SWOT Patches are available at a price of \$4.00 Each + \$.50 for mailing
Badges are available from "The Sign Man", Rick Pourciau NV5A, <http://www.thesignman.com/menu.html>

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The Chairman's Corner

By Art Jackson, KA5DWI

New Years Resolutions and Such

So I have managed to get through the holidays. Santa left me coal in the stocking. I guess I will have to behave myself this year to get that fancy HF rig with attached Transverters for every VHF and UHF band. On the bright side, I am happy to have just made through the year healthy and happy. I did not accomplish everything on the 2004 to do list, but I managed to at least make a dent into it. I hope you all had a good 2004 and I wish you all a better 2005.

Now, for the business at hand for this year.

If any of you read the last Bulletin, I have stated that I wished to end my tenure as your Chairman. It is not because I don't care for the job; it is because I believe the Chairman needs to donate fulltime to it. A number of mounting personal issues will no doubt continue to put a demand on my time. This club's chairman is always faced with the issues of maintaining and growing the paying membership, promoting the organization and being visible to the Weak Signal community. The amount of competition for the Ham's time and dollars is fairly high and this club's purpose is to do its absolute best to insure that both occur within this part of the great hobby. Unfortunately, it has developed into quite a fulltime job in accomplishing this goal.

Although we have a number of individuals who regularly contribute to SWOT, we continue to have a number that do not. That is the trick. Get those who have something to add, share with the remainder of the membership.

Obviously, I have figured out that most members of the organization prefer to take a rather inactive roll, instead of an active one. Survival of SWOT will still depend on some minor level of activity.

The first level of an active member is one that at least will check-in to his area SWOT Net. SWOT cannot inform you of what is happening unless we know you are there. Make it a point to check in to your area Nets, even just to say hello and goodbye. If you don't hear the NCS, someone will gladly relay your check in. Also encourage newcomers to check in.

The second level for an active member is a sharing of information amongst the others via the Nets, the Yahoo Group Page and the 2MeterSSB List on the Homepage. Not everyone monitors the 144MHz Propagation Logger

or subscribes to VHFContesting List. Make it a point to subscribe to at least Yahoo or the site's List. Also receive postings at least as a Daily Digest. It is nice to have everyone join, but it does not do us any good unless you contribute reports, comments and questions and lastly, be available to respond. A large portion of the Yahoo group members *don't* receive the postings.

The next level of activity is paying the annual dues to enhance club activities. The dues primarily pay for the production and distribution of the Bulletin. The extra funds go toward the necessities of maintaining an organization. The stronger the contributions, the stronger the opportunities are to present SWOT to the Ham radio world.

The final and highest form of activity is the direct participation in club activities. SWOT's greatest asset is the members that run their area weekly Nets and those that make a conscious effort to have gatherings for members and potential new ones. So many renewals and new members are gained by both activities. Many strongly depend on these activities and the only purpose of SWOT. Without them, we don't exist as an organization.

We have much to thank for all of those that support SWOT and encourage others to give a something to maintain a good organization that promotes one of the best parts of this hobby.

Accomplishments and Shortcomings:

For 2004, we did well in some areas and fell short in others.

Two bright spots was the start of a new SWOT Net in Central Florida on Wednesday evenings and the return of the Eastern Oklahoma Net now on Thursday night. Hopefully in due time the Florida Net will gain participation and no doubt that everyone was ready for the Oklahoma one to return.

In North Texas, Bob W5FKN had a new check-in record set in the middle of winter.

We have also found a new alternate NCS in Jim McMasters, KM5PO. Jim has a first class, built for EME, station that can give us wide coverage. Thank you Jim for coming to our aid.

The SWOT Homepage is going great and survived its first Cyberspace catastrophe. We continue a slow but steady increase in our Yahoo Group membership, now at 143.

Of course there were a couple of disappointments.

Just as it appeared that we were finally making progress with the Southwest Oklahoma Net, the NCS followed a job opportunity to another state. Unfortunately, the Net just hasn't seemed to get back on its feet. At one time, because of a complete lack of response or replies to emails, I thought the Net had gone kaput. To my surprise, it had actually been called 2 of the last 3 weeks. We will continue to list the Net and hope that in due time situations improve. It is at least a good lead in for the Eastern Oklahoma Net.

The last disappointment was just not meeting many of the members this last year. We failed to meet many at HamCom or at the Lake Texhoma Hamarama. Although I did see and talk to many of you, many didn't find us and some didn't look for us.

The Pulpit:

Once again, as I stated earlier, it is going to be a very busy year for me personally. Demands of my time will be very heavy until the summer.

I will do everything I can for this club, but I am asking for someone to eventually take over the positions I hold. Be aware that come March, I may not be able to produce the Bulletin. I wish that someone comes forward to fill in the gaps in my absence.

Recap

Thanks you all for the contributions for the Bulletin. John KM5ES, John W5UWB, Jim KM5PO, Larry W6OMF and Don NL7CO made wonderful contributions this month. Please feel free to copy and Email this out to your friends in Weak Signal and it would be great to get a paid membership or renewal in return.

The NorCal December SWAP Gathering

From Larry Hogue W6OMF:

Sixty on the button. Perfect day, Perfect group, and nothing but fun. The 0930 started at 0830 of course... It's just like a SWAP Meet... They come early....hi hi

Who was there: 25 of the 60 weak signal clan were SWOT MEMBERS!!!!

KF6BCH, #3172
WA6CAX, #3400
KA6CHJ, #1431
K6DME, #3352
KD5FID, #3399
K6HEW, #3286
KG6HVY, #3356
W6IZU, #3290

W6JND, #3396
KD6JNT, #3392
WA6KKK, #3329
WD6LTD, #3413
K7NOM, #3307
W6OMF, #155
KF6PFT, #3358
KF6PGT, #3303
WA6QAK, #1497
KM6QJ, #3330
K6QXB, #3360
KF6RTC, #3442
W6RWL, #3412
KC6SEH, #3228
KD6VNQ, #3281
KA6VQV, #3162
WA6ZKY, #3397

What a group... We filled the Back room of Bakers Square and took a table out front.

Donation of a Kenwood Heil Mic came from WA6JQV, Bob and was won by KF6PGT, Alan #3303. The donation of a DK Screwdriver antenna came from yours truly and Sue was won by KD6VNQ, David, #3162. Two meters HO Loop donated by M² antennas was won by WA6ZKY, Gordy, #3397. Sue and I put together 4 bags of adapters, PL259, BNC, N and such.... They were won by KA6CHJ, Paul, #2774, W6HMB, Tom, KF6RTC, Susan, #3442, and W6KBX, Don.



At the back, KF6PFT, 3358, Bob, facing us KD6LTD, 3413, Bill and with his head in the lower corner is WA6KKK, 3329, Glenn. W6SPT, Mark in the Ball cap and KF6BCH, 3172, Wayne, and in the far corner is Wife, Son Zack, KG6HVY, 3356 with just seeing the top of his head, KM6QJ, Travis. Gordy has his hands up, WA6ZKY, 3397, and grinning Tom, W6HMB. On his knees is KA6VNQ, David 3281 talking with Alan, KF6PGT, 3303. Herb in the white shirt, K6QXB, 3360 and his wife...



Top to Bottom and Left to Right
 KA6VQV, 3162, Bill, and with his Back to us, KF6PGT,
 3303, Alan. Looking at us, K6QXB, 3360, Herb, and
 just seeing the top of his head is KE6QR, 3308, Gary
 with his wife. The Silver fox in front is KC6SEH,3228
 John and giving money is W6KBX, Don. Way in the
 back is W6PQL, Jim and standing is WA6QAK, 1497,
 Bill.

Trials and Tribulations of a Weak Signal Operator

By John Petersen, KM5ES

Back in November, I finally got back on 2 meters after being off the air for 2 years. Having to start anew made it kind of rough for me, but I borrowed a spare rig from Jerry N5OSK and put one of my old amps back on line.

Well my old amp lasted about 10 minutes, apparently a carried over problem with bad hardline.

Well, I went thru from antenna all the way to radio and re-did everything here. I threw the hardline away. This was the second time it had given me problems. It had caused the problems from 2 years ago that took me off the air the first place!

So, I hooked up the MFJ-269 and when thru it all here. Got the SWR flat, redid all the cables. I was using the old amp I mentioned earlier and it died during The Eastern Oklahoma Net (first one). Jerry N5OSK called me on the phone and said to come get his spare mobile amp. I got to use it for a little over a week.

Total success here now, I ran the second Eastern Oklahoma SWOT Net with 8 checkins and 8 grids. Since November 11th I have worked 15 new grids on WSJT.

I love 2-Meter SSB and working Meteor Scatter. As the time this was written, I have broken the 200 mark on grids worked and confirmed.

Finally, I got MY new amp on December 21st. I am looking forward to this spring and also picking up a new rig here. The new amp is working fantastic.

I'm ready to rumble in the Jan VHF contest.

John KM5ES

Ed: I sure am glad to have John back in the swing. He sends me an email each time he works a new exotic grid.

A New VUCC Award for Rovers

**From Central States VHF Society,
 forwarded by Don Ross NL7CO**

Central States VHF Society Initiates New Award Program Recognizing Rovers/Portables

Fixed station operators have long appreciated the efforts to which Rovers go to activate rare grids--both in contests and outside of contests. While the fixed station operator is collecting grids usable for earning the ARRL' s VUCC award, the rover or portable station, until now, has been unable to put his work towards a similar award.

The award is called the Reverse VUCC Award. The abbreviation is VUCC/r. It is not an easy award to earn. Those who can meet it' s stringent rules will have earned a cherished honor.

The rules follow below. Briefly, the award is very similar to the ARRL' s VUCC, but rather than contact a set number of grids on a frequency band, the goal is to make contacts FROM a set number of grids per band. The number of grids coincides with the ARRL award. Certificates will be awarded as well as endorsement stickers. QSL cards are required and will be verified by the program administrator. Awards will be presented with a unique serial number. There is no fee except return postage must be included (for the QSL cards).

The award comes into fruition due to the efforts of Bill Wageman, K5MAT, who is the program administrator. Rules and contact information will always be available on the CSVHFS website at www.csvhfs.org . Rovers and portables, take a look at the rules, initiate cards from all those QSO' s from your past, and submit entries for this significant award.

VUCC/r Rules:

The Central States VHF Society is sponsoring a new VUCC/r(over) award.

Its purpose is to recognize the contribution of rover station operators to the world of grid hunting. Rovers are

folks operating while mobile in motion or temporarily parked to give out grids to fixed stations. Contacts made on January 1, 1983 or later qualify. The rules that govern ARRL's VUCC are also applicable to VUCC/r with the following exceptions and qualifications:

1. All contacts must be made operating while away from the home station location.
2. The applicant must work and confirm contacts made while activating the appropriate number of grids, but the number of grids worked by the rover is not relevant. QSL cards must include the mode, both calls, and both grids along with the other usual data. If the rover's grid is not shown, the applicant should write it in pencil on the card and enclose a copy of the operating log of the rover showing the grid from which the operation took place.
3. At frequencies below 1.3 GHz any number of stations in any number of grids may be worked. Above that frequency target stations worked must all be within the 300 meter circle that is specified by VUCC rules. The location of the target stations must be indicated on their cards by at least the four digit grid, or preferably their lat/lon or some other indication that they were inside the same circle. The rover, of course, is obviously required to move around.
4. Endorsements above the basic award may be submitted just as in VUCC.
5. The only report form needed is a readable alphabetized list of the grids from which operation was done with the calls of the station worked. The applicants
6. All cards and forms, along with appropriate self-addressed packaging with sufficient postage for the return of the cards plus a business size envelope (if folding the certificate is OK) or 9" by 12" or larger SASE should be sent to Bill Wageman K5MAT, CSVHFS VUCC/r Award, 7309 Avenida La Costa, NE, Albuquerque, NM 87109-3900.

Good hunting to those rovers out there!

DX Reports November 11 – December 31

By Art Jackson KA5DWI

No major openings reported for the month, but many still accomplished working some DX.

Aurora:

Despite a couple of active Sunspot regions producing M Class flares, none were directed at the Earth. Scattered

reports of Aurora activity was reported on 11/25 and 12/29.

Meteors:

The Leonids were reported as a lower than expected and the Geminids were reported as more active. There were several reports of meteor scatter on 12/12 and 12/13. The WSJT group report great successes during the Geminids shower.

Tropo:

The stormy conditions in California must have affected the remainder of the country.

Scattered reports of local enhancement occurred, but no major openings were reported. The Gulf Coast states reported good conditions throughout the end of November. Prior to the seasons first strong Polar surge and few good reports in the Midwest and Central Plains was reported. The Great Lake states also reported periods of good enhancement.

E-Layer Propagation:

No reports of 2-Meter propagation. Yet, 6 and 10 Meters was fairly active beginning in late November.

Moon:

The DXWorld EME Logger has become loaded with QST's and Skeds.

DX Reports from SWOT Members:

From John Butrovich, W5UWB EL17

W5UWB Contest Log for:

North American Meteor Scatter Rally

DATE	UTC	CALL	BAND	GRID	Km	Notes
Dec 11	1458	N3FZ	144	EN90	2138	best 144
Dec 11	1502	W5SNX	144	EM73	1472	random
Dec 11	1550	W8BYA	144	EN70	1840	
Dec 12	1712	WB2FKO	144	DM65	1134	
Dec 13	0230	W9FX	144	EM57	1395	
Dec 13	0240	KR8L	144	EM57	1339	
Dec 13	0250	KR8L	222	EM57	1339	
Dec 13	0342	W8LON	144	EN73	2029	
Dec 13	0346	AA9MY	144	EN50	1591	random
Dec 13	0356	AA9MY	222	EN50	1591	best 222
Dec 13	0434	K4AL	144	EM66	1406	
Dec 13	0500	K4AL	222	EM66	1406	
Dec 13	0602	W0OHU	144	EN34	1839	
Dec 13	1415	WA7ADK	144	DN31	1950	
Dec 13	2210	K2BLA	144	EL99	1634	
Dec 13	2226	WA8CLT	144	EN80	1914	
Dec 14	0406	K4XR	144	EM64	1277	
Dec 14	0433	W7OJT	144	DM24	1712	
Dec 14	0542	N0JK	144	EM18	1203	SSB
Dec 14	0600	K0RI	144	DM78	1371	
Dec 14	0657	KC0HLN	144	EN32	1686	
Dec 15	0146	KD7ETC	144	DM54	1341	
Dec 15	0212	KM5ES	144	EM25	845	
Dec 15	0327	W5AOX	144	DM65	1120	

All were FSK441A except for Jon, K0JK

As shown 222 did not have any long completions.

73 – John

Ed: John is experienced at all facets of VHF DX, except Snow Tropo. It doesn't snow on the South Texas Coast Until Xmas Day 2004!!!!



Ed: *This has to be strangest weather phenomena I have seen in my lifetime.*

DX Reports from Jim McMasters KM5PO EM12:

November 18, 2004 – Meteor Scatter

4 tests were successful of 5 attempted.

0711 N6RMJ DM14CP 1198m

0725 K7NEP DN53NF 972mi

1023 WA3LTB EN92TA 1125mi

1052 W9RVG EM57RM 594mi

All very easily completed. Lots of reflections. Not a lot of operators on the air but then it was, not much of a shower and it was a middle-of-the-night thing on a workday.

Sked with AJ6T was nil at 1446 miles, but you gotta keep trying...

November 21, 2004 – EME

All in CW:

YO3FFF nil

DK3WG trace signal detected

EA6VQ signal present but not strong enough to copy.

Needed more than 30 minutes to beat Faraday?

IK2DDR RO OOO Good signal

OZ1HNE OOO RO FB signal. 20dB over noise.

F0CXO OOO RO random, thanks

K6PF OOO RO easy completion made via EME logger

4 x 2M18XXX - 8877 .12nf, 23.55 dB cavity LNA

Linrad

November 22, 2004 – More EME

First Asia EME contact and #46 total. Worked split freq. KM5PO tx on 144.136 and rx on 144.067 because of bandplan rules between our countries. Complete with 73's in 44 minutes. phew... I had him transmit the ATT message for several periods so that I could positively identify his signal DF. ATT worked good but then we had to wait on almost 2 complete faraday shifts to get everything across. Wish I had the XPOLs. He is running 4x14 & 1Kw.

December 4 & 5 EME Competition:

I did not get my station put together in time for the first leg so I was only able to operate the second leg.

I had so much fun, I think I will stick around and do this some more...

Date/Time	Call	Grid Square	Exchange	RST	Mode
4 Dec					
0616	RN6BN	KN95MA	RO O	469	CW
0630	SV1BTR	KM17VU	RO O	459	CW
0638	IK3MAC	JN55RI	RO O	579	CW
0756	RU1AA	KP40XD	RO O	459	CW
1043	IK1UWL	JN33VT	RO O	-22	JT
1058	SP2OFW	JO93AC	RO O	-21	JT
1120	G4FUF	JO01GM	RO O	-20	JT
1228	W7EME	CN85DE	RO O	-18	JT
1354	KB8RQ	EM79SV	O RO	-16	JT
1402	K9KNW	EL96	O RO	-21	JT
1410	K2TXB	FM29PT	O RO	-20	JT
1532	JL1ZCG	PM95UM	RO O	-18	JT
1554	JH0MHE	PM96FE	RO O	-23	JT
1632	VK7MO	QE37PC	RO O	-20	JT
5 Dec					
0728	G3ZIG	JO02MR	RO O	449	CW
0802	F1FLA	JN26KS	RO O	349	CW
0824	WA6PY	DM13LA	RO O	219/449	CW
0952	I2FAK	JN45OB	RO O	449	CW
1008	I3DLI	JN65AK	RO O	459	CW
1024	LZ2US	KN13RJ	RO O	439	CW
1104	K6PF	DM13AR	RO O	339	CW
1119	W5UN	EM23MG	RO O	559	CW
1230	KE7NR	DM33WM	RO O	-20	JT
1258	G4CBW	IO83UB	O RO	-23	JT
1512	JM1GSH	QM06IS	RO O	-24	JT
1536	JH2COZ	PM94NW	RO O	-23	JT

December 20, 2004 More EME

This is initial #73, DXCC #26 (Ukraine) and CW #15. It was not easy. He was sending real slow CW which threw me off a bit until I finally copied something and then knew his speed. It took 13 periods before I got the calls plus report. His signal was present as a trace on most transmit frames but it would float around at 5 to 7 dB S/N with a peak at 10 dB about one or two seconds long every few minutes. During the qsb up swing to 10dB S/N I would copy maybe a letter or two. I could hear bits of callsigns. Finally on minute 26, he floated up fairly well at about 30 seconds into the sequence and I copied most of both calls and then at 45 seconds into the sequence I copied clearly the OOO report, phew. Then came the next long wait for a peak where I finally copied one single R after another 19 minutes geez. But it was no doubt at all about it, it was an R.

To get to this on my website, go to the EME initials page, scan down to initial #73, then find and click where it says "10dB". Or you can just go here:
http://207.5.45.45/Docs/UR5LX_121904/UR5LX.html

December 30, 2004 - One More EME

Last night at 0558utc, I completed with KL7X on EME CW grid BP51ae (Anchorage). He called me random following a failed sked attempt between me and

OK1VVP. He had a great signal here most of the time peaking at 30dB s/n in 20Hz filter in Linrad. He's just getting started back again after about a year layoff. He had a frequency discrepancy where in the end he found that he had to add like 600 Hz to the dial reading to know where he was. But, to establish this I would tell him to key down and then I would tell him where his signal was found, then he would adjust frequency. WSJT tells us the doppler so then we have the entire calculation. It was too cool to be chatting real time on the internet and detecting his signal off the moon from Alaska and all this on 2 meters....

Ed: Great reports, Jim

From John Petersen, KM5ES EM25:

Leonids November

Well after 2 years of being off of the air I have finally managed to get back on the air. From 2pm Thursday til 1:30 am Friday morning, I have been playing on Meteor Scatter on 2 meters. I did manage to rake in 2 new grids DN53 Wyoming and DM33 in Arizona using WSJT.

Well on the 18th at 2221z I worked K0AWU EN37,MN then later at 0540 worked KE7NR DM33 AZ on the 19th,then at 0714z worked K7NEP DN53 WY, Then on the 20th at 0238 worked XE2AT DL81 then worked N4UFP EM94 at 0334 and W8LON EN73 at 0424. Then on the 21st worked N3FZ EN90 at 14:13z then WY0V EN12 at 15:17z. I Worked KE7NR at his vacation home in DM54 on the 22nd at 1959.

For a total of 8 grids in 4 days on WSJT, a nice welcome back.

On December 16, 2004 WSJT

Just picked up Grid 195 here VE3FAL EN58

What to expect January 1 - March15

Get the antenna repaired in January to prepare for DX to return in the late winter. If the antennas are in order, you can still have fun.

Meteors:

This is generally the quietest time of the year. No major annual showers occur. Still, WSJT Skeds provide many successful opportunities.

Aurora:

I still think it is an odd Solar Cycle.

Keep watching SpaceWeather.Com. Look in and around 1/04, 1/13, 1/18 and 2/4 for possible disturbed conditions.

Tropo:

Now that we are in the middle of winter, few opportunities exist. Still they do occur and sometimes can be quite strong. The typical Tropo creators are cool

weather systems that stall out over the Gulf of Mexico. These Cold core systems heat up, and produce the inversions necessary for Tropo. Building upper air high pressure systems from Mexico trigger them. As we enter the Spring, look for Upper Air High pressure systems wedged in between Pacific cool fronts.

E-Layer Propagation:

Chances, although very rare, exist until early February. Openings are far and few between and not too intense. Every few years the MUF makes it 144MHz. Look for 6 Meter and 10 Meter "Short skip"

Moon:

Best days: None

Good days: 1/01-02, 1/04, 1/11-15, 1/25-29, 2/07-12, 2/21-25, 3/07-12

Bad days: 1/09, 2/05, 3/04

Good days are based on low sky noise and path loss readings (DEGR) less than 3dB, Best days at/or below 1dB. Bad days are those with a 10db plus reading.

Lunar, Solar and Astronomical Events

Lunar: Perigee – 1/09, 2/07, 3/04

Apogee – 1/23, 2/19

Full Moon – 1/25, 2/23-24

New Moon –1/10, 2/08, 3/10

Highest Declination (Elevation): 1/22-23, 2/18-19

Lowest Declination (Elevation): 1/09, 2/05-06

Solar: Overhead:

1/01: 23.0°S, 2/01: 17.0°S, 3/01: 7.4°S

Winter E Threshold Ends 2/08

USAF Predicted Solar Flux 30 Day Average:

1/31: 97

2/17: 94

Steady decline now

Meteors:

1/01-1/15: 18 Showers active

1/16-1/31: 17 Showers active

2/01-2/14: 22 Showers active

2/15-2/28: 14 Showers active

3/01-3/15: 17 Showers active

Meteor info at:

<http://comets.amsmeteors.org/meteors/calendar.html>

Event & Contest Calender 2004-2005

<u>Month</u>	<u>Day</u>	<u>Event</u>
January	22-24	ARRL VHF Sweepstakes
January	26	KAOS Six Meters Sprint: 01-05 UTC
February	23	KAOS.Two Meters Sprint: 01-05 UTC
March	30	KAOS Six Meters Sprint: 01-05 UTC

KAOS (Keep Activity On Scatter)

Explanation of Sprints:

<http://www.ykc.com/wa5ufh/WSJTGROU/SprintRules.htm>

June 03-05 HamCom Arlington, TX

June 11-13 ARRL VHF QSO Party

Send me dates that are important to you all.

SWOT Announcements and News

NEW NET !!!!!

Northeast Oklahoma SWOT Net:

Beginning Tuesday, January 18, 2004 at 9:00PM CST on 144.250 MHz, this new Net will begin.

The Net Control is KD5ZVE, Jimmy Johnson in Claremore OK, EM26dg. Jimmy is also John's backup for the Eastern Oklahoma Net. Be sure to check in.

There will now be SWOT Nets in the Central U.S.

5 days a week and 6 days a week with our friends out west.

Eastern Oklahoma SWOT Net:

John Petersen KM5ES has returned and with great results.

The following stations checked into the 12/30 Net. W5WJL, AD5SI, KD5ZVE, N0LIE, KC5YEC, KC0MOE, KC0POW, KC0HFL, KC0GGW, KB5ZJR, KC0FCL, N5TYR, W5VTM, N5OSK, KD5JXU, KD6VSG, N0PB, KM5PO, WD5DJT, KL7IZW, K5LCY, NE0P, W5FKN, K0UO, KM5ES, & KA5DWI See the coverage map to follow.

Daytona Beach Florida SWOT Net:

KU4VQ George Kangas and KI4FIA George Fetter around Daytona Beach have had a good start. Be sure to look them up.

Southwest Oklahoma SWOT Net:

Although no direct response has been received, the Net has been reported as active on 12/16 and again on 12/30. Be sure to point their way (EM04) at 7:30PM CT.

SWOT Net Reports

Here are the net reports for November and December

Northern California (Sunday)

November totals for the month.

7th had 68 checkins

14th had 91

21st had 69

28th had 82

36 checked in all 4 times

29 came by 3 times

22 dropped in twice

and 21 checked in once

Not a bad month.

December

A good month... 116 different stations checked in with these results:

28 checked in once

20 checked in twice

32 checked in three times

36 checked in all four Sundays

week one had 79 checking in

week two had 84,

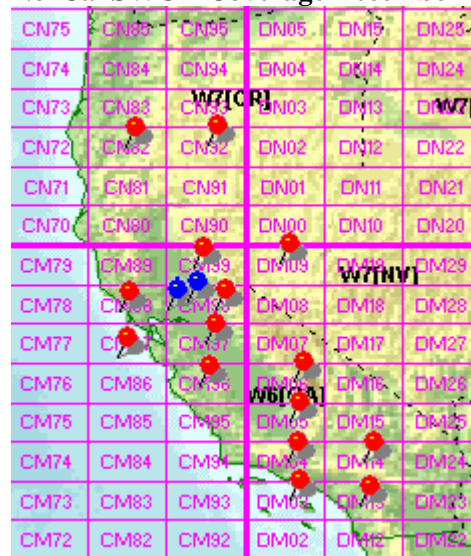
week three had 82 and

week four had 67...

Goes without saying that the net wouldn't be there if you all didn't stop by and make sure I'm still alive... hi hi

Also thanks to all that help throughout the year with the SWAP meets and breakfast. Sue passes along her best for 2005 as I do and wishes nothing but the best to all... 73 Sue and Larry

NorCal SWOT Coverage December 2004:



Blue Pins - NCS's,

Red Pins - Checkins

(C/o DX Atlas)

Northeast Missouri (Monday) N0PB-NCS

Date Check-ins/Grids/States

12/06/04 28/17/07

12/13/04 No Net

12/20/04 23/14/07

12/27/04 30/13/06

Southwest Oklahoma (Thursday)

Date Check ins/Grids/States

12/16/04 04/03/02

North Texas (Wednesday) W5FKN-NCS

<u>Date</u>	<u>Check-ins/Grids/SWOT#'s</u>
11/10/04	30/16/14
11/17/04	25/12/12
11/24/04	No Net
12/01/04	29/16/17
12/08/04	39/18/20
12/15/04	31/20/16
12/22/04	31/14/11
12/29/04	42/20/16 (<i>a new record</i>)

East Texas Pineywoods (Saturday) K5LOW-NCS

<u>Date</u>	<u>Check-ins/Grids/Members</u>
11/13/04	13/08/07
11/20/04	15/08/10
11/27/04	08/05/06 (KM5PO Net Control)
12/04/04	14/07/08
12/11/04	15/10/11 (KM5PO Net Control)
12/18/04	19/09/13 (KM5PO Net Control)

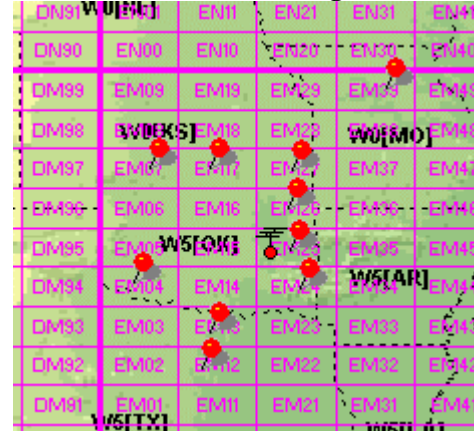
Daytona Beach Florida SWOT Net

<u>Date</u>	<u>Check ins/Grids</u>
11/17/04	08/01
11/24/04	10/01
12/01/04	06/01
12/08/04	09/02
12/22/04	07/01
12/29/04	13/03

Eastern Oklahoma (Thursday) KM5ES-NCS

<u>Date</u>	<u>Check ins/Grids</u>
12/16/04	18/08
12/23/04	27/11
12/30/04	26/10

E. Oklahoma Net Coverage for the 12/30 Net:



NCS shown with Antenna
(C/o DX Atlas)

SIDEWINDERS ON TWO” ENROLLMENT OR RENEWAL FORM

NOTE: Though your membership and number are good for life you must renew annually to receive the newsletter and stay on the active list..

Enclosed find check/MO. to: New member---\$12.00_____ Renewal----\$12.00_____

Howard Hallman WD5DJT, Sec.Treas.

3230 Springfield Lancaster, TX 75134-1214

New Member. I have worked the following members:

Call: _____SWOT No. _____ Call: _____SWOT No. _____

Renewing: My SWOT No. is _____

Name: _____ Call _____ Grid Square _____

Street address _____

City _____ State _____ Zip Code _____

Telephone Nos. _____ E-mail _____

Receive Newsletter By Email: YES _____ NO _____

SWOT and Selected 2-Meter Nets

Day	Local Time	Area	Net	Frequency	Net Control Station
SUN	8:00P	VACAVILLE CA	NO. CALIFORNIA	144.250	W6OMF LARRY
SUN	8:30A	TUCSON AZ	ARIZONA	144.250	N7SQN AL
SUN	8:30P	ZEBULON NC		144.220	N1GMV
SUN	9:30P	HOLLAND MI	MI SWAM	144.155	K8NFT
MON	7:30P	ALBUQUERQUE	NEW MEXICO	144.200	N5XZM BOBBY
MON	8:00P	COLORADO	ROCKY MT. VHF +	144.220	N0VSB W6OAL
MON	8:00P	NE MISSOURI	NORTHEAST MISSOURI SWOT	144.250	N0PB PHIL
MON	8:00P	SANDUSKY	E. MICHIGAN VHF	144.250	W8IDT BART
MON	9:00P	TIDEWATER VA		144.230	
TUE	8:00P	CA.NO CTYS	NORCAL	144.250	KN6NG TONY
TUE	8:00P	GREENSBORO NC		144.225	K4HC
TUE ***** ON 01/18/04	9:00P	NE OKLAHOMA	NE OKLAHOMA SWOT	144.250	KD5ZVE JIMMY
WED	8:00p	CENTRAL FLORIDA	DAYTONA BEACH FLORIDA SWOT	144.250	KU4VQ GEORGE KI4FIA GEORGE
WED	9:00P	NO TEXAS	NORTH TEXAS SWOT	144.250	W5FKN BOB
THU	8:00P	CA SO CTYS	NORCAL	144.250	KA6CHJ PAUL
THU	7:30P	LAWTON/ DUNCAN OK	SOUTHWEST OKLAHOMA SWOT	144.250	ROTATING
THU	9:00P	EASTERN OKLAHOMA	EASTERN OKLAHOMA SWOT	144.250	KM5ES JOHN
THU	9:00P	TENNESSE	UPPER CUMBERLAND	144.225	N2BR BOBBY
SAT	7:00A	EAST TEXAS	PINEYWOODS SWOT	144.250	K5LOW DON

SWOT Nets in Bold