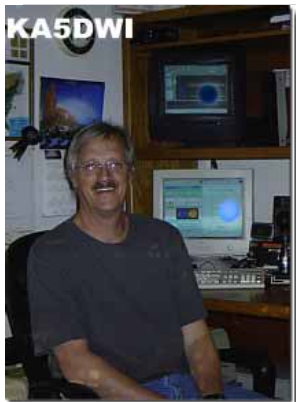


Chairman's Corner

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Chairman's Corner

By Art Jackson KA5DWI



I have to apologize for being much less wordy this time. Some of you are probably very glad that I am less wordy. School has me overwhelmed right now. Between *Elementary Number Theory* and *Modern Nationalism*, the last thing my brain is working on is finding Tropo openings to rare grids.

For some reason I believe that many of you are in the same boat right now. Other than the Nets, I am hearing very little activity on .200 when I do get a chance to listen in. During the Fall Sprints I turned the rig on a heard W3XO/5 and K5VH to my south by a couple of hundred miles or so and that was it. Not a soul here in DFW or in Oklahoma. In addition, just this past Thursday morning (October 18), the band was wide open North and South. I did not hear a thing.

This is the best time of the year for Tropo. The openings can be very dramatic as the first cold fronts come down from Canada and stall out once they enter the Atlantic and Gulf of Mexico. Once they stall out, they change from cold core to warm core systems. The inversions on the back sides of the highs become very intense. The verifier of these conditions is watching your favorite TV stations in the morning hours. Look for strong indications of interference from other TV stations showing bars across your TV screen. Believe or not, even Dish Network subscribers will see the interference. I thought local stations were directly linked into their system. To my surprise, Dish uplinks via normal TV antennas. Anyhow I am afraid that many of us are missing a few opportunities. Make it a point to listen in and watch the indicators. The SWOT Website has those links and guides for you to understand.

Now is the next reminder. Please let me know about any Ham Radio related events that you all plan to gather. I do have some spare moments and will update the Website and if need be, will announce it on the Yahoo Group page. Please feel free to post on the Yahoo Group page yourselves where you might be seen and would like to gather with other members. When you do get together, snap a few pictures and send them to me. I will post on the Website and Jim will put them in the Bulletin.

Last but not least, I wish Robin, W6DWI and Kenny AB8XG good luck with their Nets. Robin took over for Paul KA6CHJ in Northern California and Kenny turned an area Southeast Ohio 2-Meter SSB Net into a SWOT Net. As I have said many times before, most of the new members of SWOT come as a result of check-ins to our Nets. Also I also suggest that our NCS's report their Net results and especially let everyone know about upcoming events that are of interest to our members and potential new ones.

As for me, it's back to the books. I will be done in mid-December and hopefully will return among the living again.

73's

Art Jackson KA5DWI



Robin, W6DWI- NORCAL Thursday net control at the NORCAL swap meet (see pg.4). Photos by Larry, W6OMF

THE NEWS FROM BACK EAST

Hello everyone my name is Kenny Coen AB8XG and I am net control for the Southeast Ohio SWOT net. We are in our first month of the net under the SWOT banner but have been holding the net for about a year as the Southeast Ohio 2 meter SSB net on 144.180. I had wanted to do a net on 2ssb for some time but my home qth is not a good location for that type of operation, I live in a deep valley and vhf uhf is pretty tough especially in certain (read most) directions. I had mentioned this to my good friend Rusty Perry KD8DJE SWOT#3531(co net control) and when he acquired a Kenwood 9150 2 meter all mode mobile, he was gracious enough to offer his shack and equipment, and the net was born. We ran the net for a few months on the old Kenwood with 10 watts and a set of stacked "square loop" antennas and a ten element homemade beam. There was a lot of local interest and with Rusty picking up a 160 watt Mirage amp we were able to expand our coverage area. During the net one night Bill Gardner W8WG SWOT # 1332 asked me if I had heard about

SWOT and gave me the info about the organization. The rest as they say is history, Rusty and I both joined SWOT. I contacted Jimmy Johnson about the details and we had our first SWOT net on September 4 2007. The net station now is a Yaesu 767 radio, Mirage 160 watt amp, the stacked "square loop" antennas, and an 8 element cubical quad beam. The net starts on Tuesday night at 8 pm. Eastern time with the beam looking west, south at 8:15, east at 8:30, north at 8:45, then back to the omni antennas at 9 pm. We were able to pick up on September 18 in Em29 off of the square loops which we thought as pretty awesome. For more info on 2 meter square loop antennas visit www.hamuniverse.com these antennas are pretty simple to build and do a great job. If anyone would like to contact me about the net you can email me at AB8XG@yahoo.com . Well I guess that's about it for now. I'd just like to say that everyone at SWOT has been very helpful and great to work with and I'm very happy to be a part of this great organization. Look forward to seeing you on the radio. 73 de Kenny SWOT # 3532



New 30 element 22 ft. long yagi constructed by Jimmie KD5ZVE, SWOT Net Manager and NCS of the Eastern Oklahoma SWOT Net which meets 8pm local on Tuesdays. The yagi has a gain of 19.55 dBi and F/B of 26 dB. Design comes from ARRL Handbook.

Kansas City Grid Pirates

Since our last SWOT bulletin I received a nice surprise in the mail, a membership in the Kansas City Grid Pirates containing more goodies than I ever recall receiving from any organization that I have participated with (see photos). I half-way expected to get a bill in the mail as certainly all this stuff must cost someone something.. but no bill ever came.

This group of 2 meter SSB aficionados at 500+ miles are right at the edge of my coverage area here in the DFW metroplex so unfortunately I cannot consistently visit with their membership over the air. The main driving force behind this club is Founder and Administrator- "J.D.", KBOVSL. This individual produces the membership materials and routinely publishes the *Kansas City VHF Grid Pirates* newsletter. J.D. (and others) in the area are apparently very active on 2 meter SSB and when conditions are slightly enhanced, we've had a good number of check-ins to the Texas area nets.

I appreciate what J.D. and this group are doing to make the extra effort in trying to organize and maintain activity. In a time of our ham radio evolution where DX and propagation can be somewhat

From Howard Holloman, SWOT Secretary.
Membership updates and new members:

SWOT#	Call	Name	City	State	Grid
0663	N5SRE	Mike	Pasadena	TX	EL29
1992	N7RAK	Rick	Helena	MT	DN36
2850	KE5HG	Jasper	Waco	TX	EM10
3289	N6VG	Jerry	Sacramento	CA	CN98
3477	KC6RHP	Michael	Vacaville	CA	CM98
3452	KB9WQJ	Mike	O'Fallon	IL	EM58
1497	WA6QAK	Bill	Pollock Pines	CA	CM98
1419	WD6AFR	Jerry	Oroville	CA	CM99
3430	K5YC	James	Lovington	NM	DM82
3535	WB5NDJ	Frank	Argyle	TX	EM13
3515	W6DWI	Robin	Davis	CA	CM98

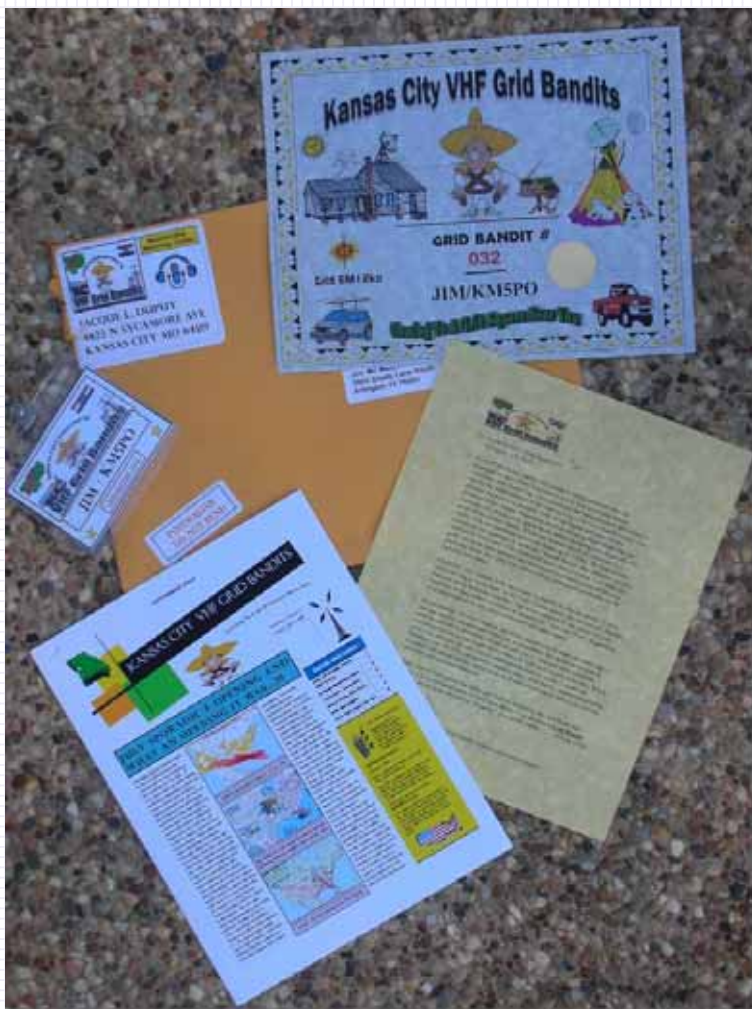
automated and de-mystified, they are proof that the "VHF magic" is still alive out there where operators listen patiently to white noise on 144.200, weak signals appear out of the noise (sometimes actually calling you), and the occasional CQ in morse is heard. These are the folks that stay curious about propagation, marveling at the short, freak opening that precedes or follows a front passage. You will find them on their towers or rooftops trying something new in an effort to improve their ability.

What we need are many more groups like the Kansas City Grid Pirates. They represent something that used to be everywhere but has sadly diminished to the point where an organized group now stands out.

Those of us in areas that have low or no activity should get out the gear, dust it off, beg, borrow, or make an antenna, and go stir up some interest! How about making one new contact per week? How about calling CQ on 144.200 once per day? You might be surprised how many radios and operators are really out there!

-Jim, KM5PO

Located near the end of this bulletin is a table listing all the 2 meter SSB nets we are aware of. The non-SWOT nets (those not highlighted yellow) have not been updated in a long time. If you live within reception range of these nets, please contact Jimmy, KD5ZVE at jjohn357@swbell.net with a note as to whether the net still exists. Also, if you know of a net other than those listed, SWOT would like to list them. We love to promote 2 meter SSB!



Membership materials from the Kansas City VHF Grid Pirates includes (clockwise from top right) Certificate, intro letter, newsletter, ID badge.

NORCAL Swap meet, Sept 1st



WOW!!! What a wonderful gathering... Our top count was 158 and the count of drawing tickets for the Amateur prizes was 128. We had 19 sellers parked in the side field and one in the shop and I had mine at the entrance of the shack, so 21 sellers. Not bad at all... Many thanks to Wyatt of M² for bring up a batch of antennas to offer the group, Don

Johnson for coming with his amazing Screwdriver antennas and to the entire group for bringing their treasures to SWAP with the group. Hopefully many went home with new toys.

Donation from great people occurred and made for a great time. Thanks to Bob, W6BO, SWOT #3395, Janet, W6JND, SWOT#3396, Bill, K7NOM, SWOT#3307, John, KF6LFO, SWOT#3326, Sue, K6SUE, SWOT#162 and Larry, W6OMF, SWOT#155. All donated Radios, for the Raffle and door prizes... FT-60R, FT-2400, FT-2800, TS-180, and a KYD UHF hand held.

Steve, WA6KTK SWOT#3476 donated a case of Wine.

Mike and Myrna of M² donated a 2 meter, 432, and 6 meter HO Loops, also 3 Television's Pirates" books by K6EDX and a pair of M² Shirts.

WV6F, Skipp, donated several Backpacks, Cold

cups, hot cups and a YOYO.

N6AJR, Tom, donated a Kenwood Mic stand.

N4DLA, Matthew donated a NMO Trunk lip antenna mount.

KF6MXK, SWOT#3287 donated an electrical testing unit.



WA6QAK, Bill SWOT#1497



The Food Court...

W6AAQ, Don Johnson donated a screwdriver antenna.

My quick count comes up with 31 known SWOT members. Not Shabby!

So, 5 radios, 12 bottles of wine, 4 antennas, 3 books, 1 antenna mount, 5 backpack and accessories, 2 shirts, 1 electric tester and a Delorme Northern CA map book.

Radios won by K6YC, FT-60R; KI6HDD, FT-2400; WB9NJS, FT-2800 N6JV, UHF Handheld; KF6PGT, TS-180.

Antennas won by WA6QAK, Screwdriver antenna, K1YQP, 6M HO Loop, WV6F, 2M HO Loop, AD6AW, 432 HO Loop, and a Antenna NMO Trunk Lip mount WA6KTK.

Electrical tester, K6DME, Delorme Map, K6DYD, Pirate Book, WB7CBM & KI6HDD, Wine; K6CVC, KI6LNI, KJ6JO, KI6ARW, KI6SWM, N7SC, KF6LFO, WA6KLK, W6DWI, W6QNE, and WA6CAX. Kenwood Backpacks and Accessories won by WF6J, KF6PFT, KD6SOX, KF6MXK, KK4XU, and W6TEE. M² shirts won by WA6NPC and W0WEB.

We had testing in the afternoon with 9 taking the test and 4 walking away with either a new license or upgrade.

73's, Larry & Sue



FT-2800 WB9NJS, Tim



K7NOM, Bill SWOT#3307 and wife talking with Norm N6JV



FT-2400, KI6HDD, Jess



FT-60R winner, Jack K6YC Chief engineer our Channel 40

SWOT Net Reports

Here are the net reports for Aug, Sept, Oct 2007

Northern California W6OMF (Sunday)

August:

No net Aug 5th
12 Aug 52 checked in
19 Aug 67 checked in
26 Aug 67 checked in

33 checked in all three nets
32 checked in twice
23 checked in once
88 different stations
11 Grids and 3 states

September:

Week one checkins 58
Week two checkins 52
Week three checkins 55
11 Grids and 3 states

86 different stations
28 checked in one time
31 checked in twice
27 checked in three times

October:

Week one checkins 67
Week two checkins 67
Week three checkins 52
Week four checkins 65
13 Grids and 3 states

Of the 100 different stations checking in:
27 checked in once
20 checked in twice
28 checked in three times
25 checked in all four times

North California KG6WLV

(Tuesday 8pm)
Date Check-ins

September:

09/05 28 checkins
09/12 26 checkins
09/19 22 checkins
09/26 18 checkins

4x check-ins = 9
3x check-ins = 8
2x check-ins = 11
1x check-ins = 10
SWOT check-ins = 8
Total 40 different stations
Total states = 1
Total grids = n/a

October:

10/03 26 checkins
10/10 24 checkins
10/17 19 checkins
10/24 25 checkins
10/31 28 checkins

5x check-ins = 9
4x check-ins = 7
3x check-ins = 9
2x check-ins = 2
1x check-ins = 14
SWOT check-ins = 8
Total 42 different stations
Total states = 1
Total grids = n/a

Northeast Missouri NOPB

(Monday 8pm)

Date Check-ins/Grids/
States/SWOT

08/06 32 - 18 - 09 - 07
08/13 37 - 20 - 08 - 10
08/20 29 - 18 - 08 - 07
08/27 28 - 15 - 08 - 06
09/03 no net Labor Day
09/10 33 - 14 - 09 - 07
09/17 40 - 21 - 08 - 09
09/24 32 - 14 - 10 - 09
10/01 31 - 18 - 07 - 08
10/08 29 - 16 - 09 - 06
10/15 29 - 19 - 07 - 09
10/22 28 - 15 - 08 - 07
10/29 33 - 18 - 08 - 08

North Texas W5FKN (KM5PO

sub) (Wednesday 9pm)

Date Check-ins/SWOT/Grids/
States

08/15 27 - 12 - 18 - 03
08/22 28 - 13 - 15 - 04
08/29 33 - 17 - 19 - 04
09/05 32 - 16 - 16 - 04
09/12 27 - 15 - 13 - 03
09/19 25 - 14 - 14 - 03
09/26 22 - 11 - 12 - 04
10/03 24 - 14 - 15 - 03
10/10 20 - 10 - 15 - 03
10/17 22 - 08 - 11 - 02
10/24 23 - 12 - 11 - 04
10/31 24 - 15 - 15 - 04

Southeast Ohio AB8XG

KD8DJE Sub)

(Tuesday 9pm)

Date CheckIns/SWOT/Grids/
States

09/04 09 - 03 - 02 - 02
09/11 15 - 06 - 03 - 02
09/18 20 - 07 - 04 - 03
09/25 09 - 02 - 02 - 05

10/02 13 - 02 - 02 - 05
10/09 13 - 02 - 03 - 05
10/16 11 - 02 - 03 - 04
10/23 13 - 02 - 03 - 03

E. Oklahoma KD5ZVE

(Thursday 8pm)

Date CheckIns/Grids/States/
SWOT

08/02 24 - 11 - 04 - 14
08/09 20 - 12 - 04 - 15
08/16 18 - 12 - 04 - 13
08/23 20 - 13 - 05 - 12
08/30 20 - 12 - 04 - 14
09/06 23 - 12 - 05 - 14
09/13 22 - 12 - 05 - 15
09/20 26 - 12 - 05 - 14
09/27 24 - 11 - 04 - 15
10/04 21 - 10 - 04 - 14
10/11 16 - 11 - 04 - 13
10/18 22 - 10 - 04 - 11
10/25 18 - 07 - 03 - 12

Daytona Beach W2RAC/W1LVL

(Wednesday 8pm)

Date Check-ins

09/05 06 Check-ins
09/12 10 Check-ins
09/19 06 Check-ins
09/26 05 Check-ins

E. Texas Piney Woods

KM5PO (K5LOW -N5TIF sub)

(Saturday 7am)

Date Check-ins/Grids/SWOT/
States

08/04 28 - 10 - 14 - 04
08/11 13 - 07 - 07 - 03
08/18 13 - 05 - 06 - 03
08/25 18 - 07 - 08 - 04
09/01 20 - 09 - 11 - 04
09/08 14 - 07 - 06 - 03
09/15 09 - 06 - 06 - 02
09/22 24 - 10 - 12 - 04
09/29 18 - 07 - 09 - 04
10/06 16 - 06 - 08 - 03
10/13 10 - 06 - 06 - 01
10/20 15 - 07 - 07 - 03
10/27 18 - 07 - 10 - 03

Southern California

WB6NOA

(Sunday 8pm)

20 - 40 check ins depending
on what's on TV at 8pm on
Sunday nights! - Gordon West
WB6NOA

Event and Contest Calendar:

Nov 24-25 ARRL EME contest

Dec 13-17 North American HSMS 2007 Geminids Test 50,144,222,432 MHz. See detail rules page in this SWOT bulletin.

Jan 19-20 ARRL Jan. VHF Seepstakes

What to expect Nov-Jan Meteors:

Leonids Nov 18 zHR periodic in nature!

alpha Monocerotids Nov 21 zHR: low with 10 year cycle. next peak = 2015

11 Canis Minorids Dec 9-11 1.27 zHR

Geminids Dec 12-15 peak Dec 14 0400UTC, 120 zHR

Ursids Dec 21-23 peak Dec 22 1300UTC, 12 zHR

Quadrantids Dec 28-Jan 7, peak Jan 3-4, 131 zHR

Full Meteors calendar:
[W8WN](#)
[Gary Kronk](#)

Aurora:

Watch:
<http://umtof.umd.edu/pm/latest2day.gif>

www.spaceweather.com

<http://www.aurorasentry.net/>

Tropo:

Always keep an eye on: the [Hepburn Forecast](#). the [APRS Real time VHF propagation map](#). the [Presence of radar reflectivity \(false echos\) HERE](#) the [Green Page \(144 Mhz Propagation Logger\)](#) the [Surface Map](#) (there are many choices)

Have you ever heard a meteor ping?

Many reading this will say oh yes, I've heard signals reflected by meteors many times. But there are new hams that have joined our ranks who may not be aware of this phenomenon. Read on!

It's been 40 years since my first exposure to this type of propagation. As a teenager in love with ham radio (and broke), I waited on a friendly elmer to invite me to his home and shack every major meteor shower where I would watch in total fascination as he worked the 'randoms' that would rise up out of the noise mysteriously. We lived in the high desert of El Paso, Texas where there seemed no propagation beyond 'line-of-sight' and when the meteors would start falling, it was truly like rain on a parched earth. It was common to watch him switch instantly from SSB to CW to nab a stray one that was using morse. As a young boy these impressions would form my opinions of what a great operator was all about- Someone intent on making contacts afforded him by mother nature and using just about every darn thing he had to make it happen!

Time rolled on and by 1996, I had plenty of states and grids in the logbook, all made possible by meteor-scatter. Then I discovered HSCW. Man was **THIS** the ticket. Morse code which was speeded-up, transmitted and reflected by the meteor trails, then slowed-down and decoded by the person on the other end of the contact. With this cool stuff you did not have to hope for a 5 or 10 second 'burn' but rather you could move all the characters in a callsign pair on a ping of less than a second... and with something this efficient, you didn't need to wait for major meteor showers, heck, this thing would work every single day of the year.

So a small group of devotees began to explore DX with this mode but alas, something subtle was taking place. With each passing year, our high-speed-cw program got better, the computers and equipment it ran on got better, the internet started to flourish (remember- this was 1996 - 1998) and then I began to notice that guess what? It was getting harder for me to find SSB sked partners (not everyone used HSCW, in fact it had a relatively small following). SSB sked partners attempt to make contact over meteor reflections by holding to tightly controlled, prearranged schedules, alternately transmitting and receiving on 15 second sequences. Why was this I puzzled? But there was no time to

figure this out as the world seemed to spin faster with improvements on every turn. And after all, these things were certainly good things, were they not?

Then a mini-disaster took place when the young man who had written our computer program had a hard disk crash and lost the program source. Thankfully, in the wings was a new player with a concept so advanced as to eclipse all that came before.

Voila! WSJT is born. This software totally revolutionized not only meteor-scatter DX'ing but also EME. It is unsurpassed as a mode for DX with gain improvements measured in double digits of dB's over anything else. QSO data is routinely recovered from below the noise level where even the most skilled among us is powerless to humanly detect. In terms of data accuracy, automation, and usability, the program makes DX a very common event compared to the trial-and-error efforts of the past requiring all the skills one could muster. Unfortunately, with these advances has come an eerie quietness in the traditional CW section of the 2 meter band and even the cool mode of just 10 years ago (HSCW) is no longer heard off the meteors.

The WSJT following has grown quickly followed by the formation of the WSJTGROUP mentored and supervised by WSJT elmers. See the contest announcement in this bulletin which is the single significant contest sponsored all year by this group. I urge you to at least turn on your receiver and listen to the early morning signals reaching you during the contest days. This may be a mode that you will come to enjoy.

-Jim, KM5PO



Example of the very nice certificate awards given out to winners by WSJTGROUP.

**Random musings from Tom
Kenski, WA8ICH, EN91**

... I had to tear the shack apart to find my old SWOT number. I found an old news letter, bulletin #33 March 1979 by editor Len Hoops, W5JTA Ft. Worth Texas, from when I first joined. My number is 1651. Bob and Linda Miller of Cleveland (K8RHQ and WD8PKQ) had just taken over the North Central SWOT net.

I got my license in 1963. I worked at a Union Carbide Research Center and as a lab tech had access to all kinds of building materials. With the help of old TV sets, I built all my 6M and 2M transmitters and 6N7 Modulators. Usually around the 2E26 or 6146 tubes. I built my own 6 & 2 receiving converters for use with old BC348's for receiving. Mostly from VHF handbook circuits. My work bench was our dining room table, which my wife dearly loved! It wasn't until quite a few years later that I was able to afford commercial ham gear, a Johnson Ranger II and Hammerlund HQ 170A. We lived in an apartment then and my antenna was a pair of telescoping car antennas hung on my wife's bedroom dresser Mirror (which she dearly loved). I probably disrupted all the TV sets in the complex with the weekly 6M Parma Research Center Radio Club Net on 51.100 MHz.

Through the years, like most hams, I have gone through many memorable radios! I still recondition an antique radio now and then,

mostly Johnson, Gonset or Heathkits. I usually have a spare Johnson 6N2 laying around and they make great 100W 6&2 linears and more recently a 100W modulator. Although I have a modern solid state station, I still maintain a hi-level plate modulated 160 through 2 meter tube station consisting of a modified Heathkit DX60B and Drake R4A using Vanguard 6&2 meter

receiving converters. All my Viking II's are gone now, too heavy for me to lift, but I still keep a watchful eye out for them at the local hamfests. I'm always looking for that old treasure under the table!

We have a local net on 144.185 on Wednesday at 7:00 PM (Medina, Ohio.) and everyone is reliving old memories! We also have a 6M net on Sundays on 50.155 at 9:00 AM. I am also a member of the Lake Erie "Boat Anchor" Group.

Tom Kenski/
WA8ICH/
SWOT #1651



NORCAL DXpedition

Recently four members of the NORCAL SWOT took a trip to the Grand Cayman Island and operated for a week. W6OMF/ZF2LH, (SWOT 155) K6SUE/ZF2MH, (SWOT 162) W6BO/ZF2BO, (SWOT 3395) and W6JND/ZF2JD, (SWOT 3396) played tourist and amateur radio operators during the week of 24 September. We also participated during the weekend as operators during the CQWW RTTY contest. W4YCH/ZF2DF, Don and Bob's Brother, W4JO/ ZF2JO, also joined us and we all had a great time with operating as well as visiting.

1,841 QSOs were logged during the RTTY contest with the same amount on CW and SSB during the week. 17 Meters was our favorite on SSB and 20 Meters on RTTY. The Band was really open for us and it was not unusual for us to be working Europe while Japan was breaking. Excitement was abound and we all had a great time.

The Island was perfect for a visit and we were hosted by ZF1EJ, Andrew, who went out of his way to make us very, very welcome. The club shack and antennas were made available to us and made for easy and excellent contact. A log antenna at 100 ft allowed us to operate from 10M thru 40 meters, and a second tower supported a PRO 57 also good thru 40 meters... 160 meter and 80 meter dipoles were hung at the 80 foot level and gave a nice shot at the U.S. and Europe. Pictures can be viewed at <http://home.comcast.net/~w4ych/zf2df.htm> and there are some at QRZ listed by each call.

Amador Swap 13 Oct 2007



Tom, W6HMB, Alan, KF6PGT (SWOT 3303) Lyle (SWOT 3324) K6QG, Bill, WA6CAX (SWOT 3400) Ken, W6IZU (SWOT 3290) Gordy, WA6ZKY (SWOT 3397) and yours truly W6OMF behind the camera (SWOT 155)

North American High Speed Meteor Scatter 2007 Geminids Test

Sponsor: WSJT Group groups.yahoo.com/group/wsjtgroup/

Contest period: 0000 UTC Dec 13 to 0200 UTC Dec 17, 2007. The test period has been chosen to coincide with the Geminids meteor shower. More information on this shower can be found [here](#).

Bands: 50, 144, 222, and 432 MHz.

Rules and scoring: QSOs can be made using any mode provided they are entirely by meteor scatter. No QSOs within own maidenhead grid square or any of the 8 adjacent grid squares. Exchange is both callsigns, 4 character maidenhead grid squares, and final 'Rogers'. Output power up to the legal limit on any band. Use of self-spotting and scheduling (eg. [Pingjockey website](#)) before and during the event are allowed. Random QSOs completed without the use of any scheduling aids or self-spotting will score double points. Detailed procedures for random operation can be found [here](#). All operators are reminded that exchanging information without the use of meteor scatter *during* the QSO attempt invalidates the contact. The scoring is as follows:

Band	Points	Random Points
50	1	2
144	2	4
222	4	8
432	8	16

Total score is QSO points times number of unique grid squares worked per band (standard VHF contest scoring).

An operator is free to attempt both scheduled and random QSOs. If a random QSO is made with a station that has already been worked with a schedule, replace with appropriate random points. Example: K1JT works W8WN on 50 MHz after scheduling on Pingjockey. The QSO is scored with 1 point. Later in the event, these stations work randomly. The QSO is now scored with 2 points. An example of self-spotting is a Pingjockey post 'CQ east on 144.140'. QSOs that result from making or reading such a posting cannot be scored as random. Monitoring Pingjockey activity violates the spirit of random operation.

Rovers: QSO points x (Unique grid squares worked per band + Number of grids from which at least 1 QSO was completed). This is the standard rover scoring formula for VHF contests. Rovers making QSOs from their home station must submit a separate log for those contacts.

Awards: Certificates will be mailed to the high scorers in each of the four North American time zones. Awards will also be given to top scoring Random-Only operators and Rovers in each time zone. A Random-Only operator is expected to refrain from any self-spotting and/or scheduling before and during the contest.

Log submission: Participants should submit: 1) A summary and 2) A log.

1) The summary should include: i) Your call; ii) Your time zone; iii) Category: Regular, Random-Only, or Rover; iv) QSOs per band; and vi) Final claimed score. Please show the arithmetic you use to obtain your final score, ie. QSO points x Multipliers = Final Score.

2) For each QSO, the log must show: i) Date, ii) Time (UTC), iii) Callsign of station worked, iv) Grid, v) Band (50, 144, etc), and vi) QSO points. This information will be used to cross-check with other logs for scoring accuracy.

Submission of the log as an Excel spreadsheet (arrange the columns as shown above) is strongly encouraged, although any convenient log submission format is acceptable. OpenOffice Calc is an excellent free program that almost perfectly mimics Excel. It can be downloaded [here](#). Logs should be emailed by January 17, 2008 to Mike WB2FKO (mph@swcp.com).

Contest coordinators: Tip (WA5UFH); John (N6ENU); Mike (WB2FKO)

This is the premier meteor-scatter contest of the year! Be sure and get prepared to operate !!!

SWOT and Selected 2-Meter Nets

Day	Local Time	Area	Net	Frequency	Net Control Station
SUN	8:00 pm	Vacaville, CA	NORCAL	144.250	W6OMF Larry
SUN	8:00 pm	Costa Mesa, CA	South California	144.240	WB6NOA Gordon
SUN	8:30 am	Tucson, AZ	Arizona	144.250	N7SQN AI
SUN	8:30 pm	Zebulon, NC		144.220	N1GMV
SUN	9:30 pm	Holland, MI	Michagan SWAM	144.155	K8NFT
MON	7:30 pm	Albuquerque, NM	New Mexico	144.200	N5XZM Bobby
MON	8:00 pm	Colorado	Rocky Mt. VHF +	144.220	N0VSB W6OAL
MON	8:00 pm	Midwestern United States	Northeast Missouri SWOT	144.250	NOPB Phil
MON	8:00 pm	Sandusky	East Michigan VHF	144.250	W8IDT Bart
MON	9:00 pm	Tidewater, VA		144.230	
TUE	8:00 pm	Bay Area, North California, West Nevada	Northern California SWOT	144.250	KG6WLV John
TUE	8:00 pm	Greensboro, NC		144.225	K4HC
WED	8:00 pm	Florida	Daytona Beach SWOT	144.250	W2RAC Richard W1LVL George
WED	9:00 pm	Texas, Okla, Ark, Louisiana	North Texas SWOT	144.250	W5FKN Bob
THU	8:00 pm	Bay Area, North California, West Nevada	Northern California SWOT	144.250	W6DWI Robin
THU	8:00 pm	Oklahoma, Texas, Ark, Missouri, Kansas	Eastern Oklahoma SWOT	144.250	KD5ZVE Jimmy
THU	9:00 pm	Tennessee	Upper Cumberland	144.225	N2BR Bobby
SAT	7:00 am	Texas, Okla, Ark, Louisiana	Piney Woods SWOT	144.250	KM5PO Jim

SWOT Nets in bold

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: **Howard Hallman WD5DJT, Sec.Treas.**

NOTE: do not make checks out to SWOT. Make checks out to Howard Hallman
**3230 Springfield Lancaster, TX
75134-1214**

New member: \$6 - receive bulletin by email
 \$12 - receive bulletin by US post office

I have worked the following SWOT members:

Call: _____ SWOT No. _____ Call: _____ SWOT No. _____

Renewing: \$6 - receive bulletin by email
 \$12 - receive bulletin by US post office

My SWOT No. is _____

Name: _____ Call _____ Grid Square _____

Street address _____

City _____ State _____ Zip Code _____

Telephone Nos. _____

Optional: I check into the following nets: _____

E-mail _____

Receive Newsletter By Email: YES _____ NO _____

Note: Send all forms to the Secretary-Treasurer at top of this form.

SECRETARY - TREASURER :

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3230 Springfield Ave.
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Phone: (972)-224-5964
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Webpage: <http://www.james-randall.com>

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 Howard Hallman 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' email address listed above or you can mail them to Jim McMasters KM5PO, 2805 Shady Lane South, Arlington, Texas 76601.

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://](http://www.thesignman.com/menu.html)

www.thesignman.com/menu.html



Side Winders on Two Radio Club S.W.O.T.
Promoting Weak Signal Operation since 1976

