



Newsletter of the  
Twin City DX Association  
[www.tcdxa.org](http://www.tcdxa.org)

Volume 8, Issue 2  
June, 2011



#### Inside this issue:

*Member News* 2

*Member Profile* 6  
*WØZX*

*WØDXCC is* 10  
*July 23rd*

*One and One-half*  
*Milk Carton Crates* 11  
*KØXB*

#### Gray Line Staff

**KØIEA**  
**KØJUH**  
**WØBV**



## Stay Tuned for a Probable New DXCC Entity - Coming Soon!



**Southern Sudan** is a landlocked autonomous region in the southern part of the Sudan. Juba is its capital city.

The region's autonomous status is a condition of a peace agreement between the Sudan People's Liberation Army/Movement (SPLA/M) and the Government of Sudan represented by the National Congress Party ending the Second Sudanese Civil War. The conflict was Africa's longest-running civil war.

A referendum on independence for Southern Sudan was held in January 2011, with 98.83% of the electorate opting for secession. The President of Sudan, Omar al-Bashir, accepted the results and issued a Republican Decree confirming the outcome of the referendum. Southern Sudan is expected to become an independent country on 9 July 2011. Upon independence, the country is expected to be named **Republic of South Sudan**.

In April 2011, al-Bashir stated that he would not recognize the independence of South Sudan if its government continued to claim the Abyei region (see map, above), which is considered part of the south in the draft constitution. The two sides clashed over the region in May, which resulted in its seizure by the north. On 3 June 2011, the UN asked Sudan to withdraw its forces from Abyei. North and South Sudan are reported close to an agreement on removing all military forces from the disputed Abyei region and deploying Ethiopian peacekeeping troops in the tense border area.

The **Intrepid-DX** Group and the **DX Friends** have combined efforts to plan a multi-national DXpedition to the **Republic of South Sudan** to celebrate the birth of a new country. Their operation is expected to take place over 20 days in July, 2011. See <http://www.dxfriends.com/SouthernSudan2011/> for details of their operation. **OH2BH**, **S53R** and **5Z4DZ/PA3DZN** are also organizing an operation. See <http://www.cgdx.ru/blog/2011/06/06/south-sudan-whos-first/> for some important information about DXCC status.



# Member News

A BIG Welcome to Our Newest Members!

**NORTH DAKOTA**  
WARD COUNTY

**K000**  
Arthur H. Ekblad  
1210 - 7th St. S.W.  
Minot, ND, U.S.A.  
58701

RADIO	DATE	UTC	MHz	REPORT	2 WAY
DXCC		EX-WØJWL			WAZ

**PSE QSL TNX 73**

Arthur Ekblad, Minot, ND

**KB0EO**

Northfield, Minnesota  
USA

God saw all that he had made, and it was very good. GEN 1:31

Daniel Soderlund, Northfield, MN

**KG8IH**  
Mayfield Heights, Ohio  
USA

Stephen Trier, Mayfield Heights, OH

**W0RX**  
Pennington County • Grid Square: EN18  
Minnesota - USA

David Willis • 10637 140th St NW • Thief River Falls • MN 56701 • USA

David Willis, Thief River Falls, MN

**W9DMH**

TO RADIO	DATE	UTC	RST	2-WAY	MHZ

**CRAWFORD COUNTY**

**RICHARD LEE**  
Box 6  
Mt. Sterling, WI 54645  
U.S.A.

Richard Lee, Mount Sterling, WI

Dave Johnson  
Champlin, MN 55316

**N0KBD**

Grid EN35  
Hennepin County

Dave Johnson, Champlin, MN

**K0BBC** Matt Holden

8161 33rd Ave S Unit 706  
Bloomington, MN 55425-4542  
USA

Yaesu FT-897, portable operation  
Buddipole Dipole  
ex N0QFM JE1KBW  
ITU: 7 CQ:4 Grid:EN34JU Hennepin County

Matt Holden, Bloomington, MN

**KCXQ**

Greetings from the Land of 10,000 Lakes

Sean Warner, Andover, MN



# Member News

Dayton 2011



Bob "Super Flea" Brunner, **WØEK** displays the TCDXA banner at his table, which was shared with Chuck, **KØSQ** and Gary, **KØGX**.



TCDXA/MWAers (l-r) Paul, **WØAIH**; Glenn, **WØGJ**; Fred, **K4IU** and Judy, **KØUH**  
*Photo by KØMD*



Gary, **KØØQ** sizes up the LUSO crank-up tower to see if it will fit in his back yard.



Dave, **KØIEA** visits with Mike, **SV9CVY**



Brian, **NXØX** claims his S9DX QSL from **DM5TI**.

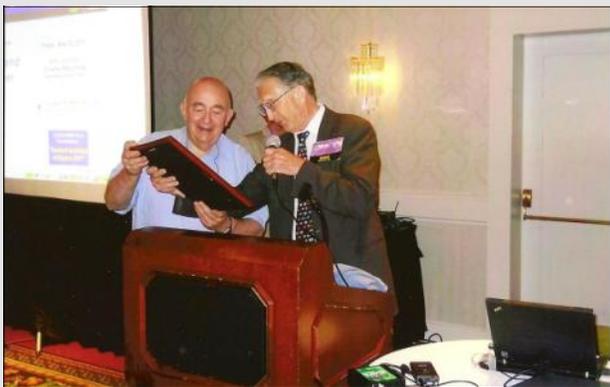


Dave, **KØIEA** shot this photo as he examined the Emtron 10KW amplifier.



# Member News

## Dayton 2011 Topband Dinner - Congratulations to ON4UN! 70 Years Young and 50 Years Hamming



Paul, **WØAIH** presents a plaque to John, **ON4UN** as a “TNX” for his Low Band DX presentation (made via Skype) at the 2009 **WØDXCC**.



Scott, **KØMD** (left) and Paul, **WØAIH** (right) also presented John, **ON4UN** with a Belgian flag sewn by Mary, **WBØPXM** (Paul’s **XYL**).

## DX Elmering by Ron, NØAT



Ron, **NØAT** gave an excellent talk on DXing at the Twin City FM Club (TCFMC) on March 14th.



Here, Ron explains HF propagation to an extremely attentive audience. Are there some future TCDXA members in the crowd?

## WØZX has Eyeball QSO with WØXV



Tom, **WØZX** recently visited MN expat Jeff May, **WØXV** at his home in Brookhaven, MS. Jeff is still a king of classic radios.

*Photo by WØZX*

## KØIEA Quickly Earns 160m DXCC!



Dave, **KØIEA** started on the 160m band on Nov. 7, 2009. By Jan. 2, 2010 he had 100 entities worked! Dave’s current total is 158 worked, 155 confirmed.



# The Way-back Machine

Can you identify the brunette in the center of this photo?

Hint: This photo was taken at Dayton in 1992



Answer: It's none other than Romeo Stepenenko. This photo was taken by Dave, **KØIEA** while he was waiting in line to receive his QSLs for Romeo's **1SØRR** and **XYØRR** operations.



**DXers Have a Choice!**

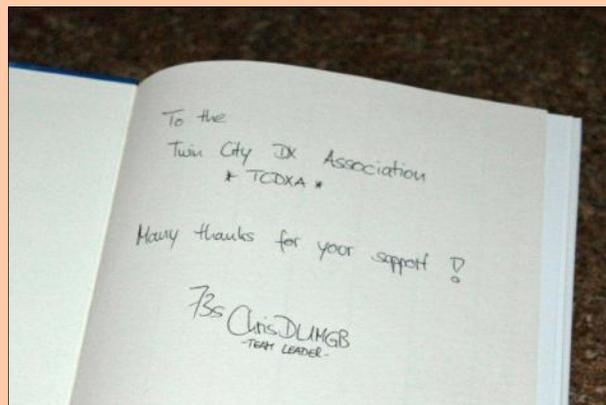
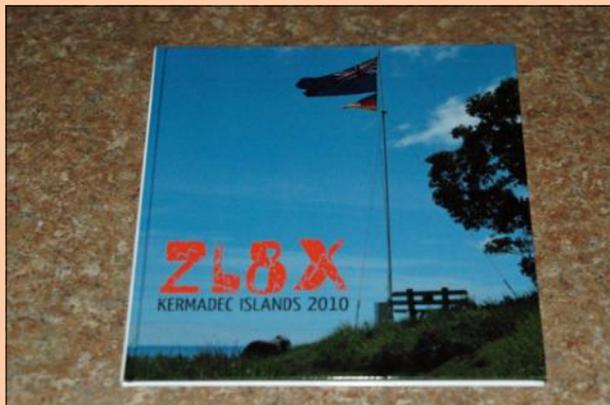


**The Daily DX** - is a text DX bulletin that can be sent via email to your home or office Monday through Friday and includes DX news, IOTA news, QSN reports, QSL information, a DX Calendar, propagation forecast and much, much more. With a subscription to The Daily DX, you will also receive DX news flashes and other interesting DX tidbits. *Subscriptions are \$49.00 for one year or \$28.00 for 6 mos.*

**The Weekly DX** - is a product of The Daily DX that can be sent weekly to your home or office via email in the form of a PDF (portable document format). It includes DX news, IOTA news, QSN reports, QSL information, a DX Calendar, propagation forecast and graphics. *Subscriptions are \$27.00 for one year.*

Get two weeks of The Daily DX or a sample of The Weekly DX free by sending a request to [bernie@dailydx.com](mailto:bernie@dailydx.com), or at <http://www.dailydx.com/trial.htm>.

## TCDXA Receives a Keepsake Book as a "Thank You" Gift from the ZL8X Team





**Tom  
Traugher**  
  
**WØZX**

**M**y family moved from Tennessee to Minnesota in 1959. My Dad had purchased a Hallicrafters S-38C at a pawn shop, and the first Morse signal I remember hearing was NSS, the U.S. Navy Communications Station at Cheltenham, Maryland transmitting on 500 KHz. While my dad was never a technology guy, he thought ham radio was a great hobby and encouraged my interest.

While visiting Lew Bonn Company ham store in downtown Minneapolis, I picked up a little blue card listing members of the Minneapolis Radio Club (MRC) that were willing to help newcomers get started in amateur radio. As luck would have it, one of the hams listed lived 100 feet away from our apartment near Powderhorn Park in south Minneapolis. Herb Patterson, **WØDQL** (SK), was an ace traffic handler using a Johnson Viking Ranger, Match Box, Windom and a Hallicrafters SX-101. He spent hours nurturing my code capability and gave me my Novice Class radio test, which at that time was administered by mail by volunteer hams holding a General Class license or higher.

In July, 1962, I received my first callsign, **WNØDIE**. My dad had given me a WRL Globe Chief Deluxe (807s) transmitter kit for Christmas. I was soon on CW, crystal controlled on 7178 KHz, with 75 watts input power. My receiver was a Hammerlund HQ-110, and I eventually replaced a dipole with a used HyGain 14AVQ trap vertical.

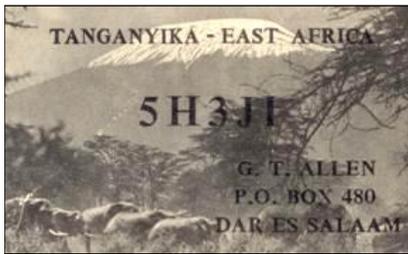
Herb was very active in the Minneapolis Radio Club, which met monthly on a Friday night at a YMCA facility at 34<sup>th</sup> and Blaisdell Avenue in south Minneapolis. In the MRC I found a home, and soon obtained a host of mentors who made up the best in amateur radio in the Twin Cities. Many TCDXA old timers will recognize this special group: Jim Milnor, **WØJYA** (later **WØIR**) (SK), Don Johnson, **WØKHI** (SK), Bob Parlin, **WØSFU** (SK), Bob Schoening, **WØTKX** (later **WØBE**) (SK) and Bill Higgins, **WØYDB**. Several of these men went on to found TCDXA.

The Novice Class license term was twelve months and could not be renewed. You were expected to move up to General Class, which gave you HF phone privileges along with expanded frequency bands. Many who could not get over the 13 WPM Morse test would get side-tracked in the Technician Class but this was very much frowned upon. I remember **WØTKX** asking the question at an MRC meeting: “Would you like your daughter to marry a Technician?!!”

For a sophomore in high school, going over to the FCC District Engineer’s office in the Federal building in St. Paul to take a code and written test administered by Murray,



the District Engineer, himself, was a very big deal. In those days, if you didn't pass the Morse receiving test, the exam was over and you had to wait thirty days before you could try again. One of my friends made the trip to St. Paul thirteen times - a record, I believe. I got through the test, on the first try, in January, 1963, and was issued **WAØDIE**. I remember my excitement when I was able to end the 75 watt Novice power restriction and tune my rig to the full 90 watts input! My very first DX contact was **TF3AB**, on 14 MHz CW; he never



QSLed! I remember a Sunday morning AM phone contact with **5H3JI** in Tanganyika on 21 MHz. I still have the

QSL; it has elephants on it. By that time, I was using a Heathkit DX-100B.

Later, I operated a homebrew amplifier using a pair of Eimac 4-125As. This used plug-in coils for various bands and link coupling that required opening the top lid and pushing a link in and out with a wooden stick while avoiding the 3000 volt plate voltage developed from a "pole pig" (transformer) and two 872A mercury vapor rectifier tubes. If the rectifiers were not allowed to warm up properly, the mercury in the tubes would provide a fireworks display before the tubes settled into an eerie blue light radiation, which I suspect was unhealthy. When tuned properly, the gray plates of the tetrodes would glow a bright orange. My mother never caught on that this unit would have functioned better supplying power to an electric chair.

I was able to acquire first a used Collins 75S-1 and later a used 32S-1 and 30L-1 making the transition from AM to SSB. I still have the 30L-1 with its Collins suitcase, ideal for the military lifestyle. For mobile, I convinced my parents that a ten meter AM rig powered by a dynamotor would be a great addition to the family 1959 Chevy. I used a military ARC-5 transmitter with a single 1625 tube and a Gon-

set tri-band converter as a receiver. I still get excited when ten meter short skip opens up, but I am not so sure it was appreciated by various young ladies I tried to get to talk on the air from the car.

Amateur radio greatly influenced the two professional careers I have enjoyed. I spent nearly thirty years in the U.S. Navy and was privileged to be stationed in a number of interesting places. My first assignment was aboard a World War II vintage ammunition ship which deployed twice to Vietnam. I operated maritime mobile briefly using a Navy transmitter called a WRT-2, until the Pacific Fleet commander shut down all amateur radio operations for security reasons.

During a training period in San Diego, I was able to pass the Advanced Class license test; "incentive licensing" had arrived. Because of my radio experience, I was drawn to the signals intelligence field and became a cryptology specialist. My introduction to cryptology was at a Navy station located near the village of Edzell, Scotland. The British Government Post Office granted me reciprocal license **GM5ASJ**.



I had the great fortune to be assigned as a commanding officer of two Navy cryptologic field stations: Terceira Island, Azores and years later at Adak Island, Alaska. While in the Azores, I operated as **CT2DP** and won the ARRL DX Contest for phone (Azores) and CW (Azores) the following year. On Adak, I operated as **WØZX/KL7**, and spent most of my operating time working on awards sponsored by the Central Radio Club in Moscow, USSR. Operating next door to Asiatic Russia made working the Russians a lot easier.

All of these field stations had truly giant "circular disposed antenna arrays" for performing high frequency direction finding. Imagine two concentric sets of 50 or so monopoles



placed in a circle separated by vertical wire screen grounds. These circles were easily 300 feet in diameter with a large operations building in the center of the circle. The monopoles were fed to a special rotating, motorized switch called a goniometer, which sampled signals from each antenna. This produced a cardio display on an oscilloscope for bearing measurement. Using “beam formers” and multi-couplers the antenna could be segmented like a pie slice to focus on a particular area of interest with excellent gain and front-to-back ratios. The German inventors of this antenna called it a *Wullenweber*. Try a Google search on this name to see some excellent pictures of the antenna.



While stationed in Washington, D.C., I passed the Amateur Extra Class license test given at the District 24 office co-located with FCC Headquarters. I was getting married shortly, and I figured I had better get my Extra before my lifestyle was changed forever. Getting the Extra in 1974 made me eligible to apply for **WØZX** in 1976, when preferred blocks of calls became available for Extra Class licensees. A very generous ARRL staffer searched old callbooks the League had to see who held this call in the past (including 9ZX before the tenth call area was added). I had hoped I could identify with a true radio pioneer who had held the call in the past. No such luck. I got a virgin call.

**Operating Activity:** While assigned duty aboard the aircraft carrier USS John F. Kennedy, I pursued DXCC in earnest during the somewhat brief times I was at home in Virginia Beach, Virginia. Using a secondary callsign **WB4LZA**, I was well on my way to 100 countries. Later, staff duty in San Diego (**WØZX/6**) permitted me to finish up and receive DXCC in February of 1980.

I received WAZ in January of 1991, after **WØSFU** checked the cards I sent him from my duty station in Germany where I operated

**DA1ZX.** I got to the DXCC Honor Roll a few years back.

During the 50<sup>th</sup> anniversary of the founding of the Central Intelligence Agency, I was invited to be a guest Morse operator for the **NN5ØCIA** special event operation at one of the Agency’s “unlabeled” communications facilities in the Washington, D.C. area. This was a real treat.

**Memberships:** ARRL, A-1 OP, OOTC, QCWA, SOWP, DXCC, and TCDXA. Other affiliations include various veterans’ organizations and the National Rifle Association, Fraternal Order of Police of Minnesota and Police and Peace Officer’s Association. In the past, I have shot high power rifle competitively and earned the NRA Distinguished Expert Award for high power rifle using the M-14 rifle. I have competed at ranges up to 1000 yards using iron sights.

Amateur radio also influenced my choice for a second career. While attending the University of Minnesota before going on active duty, I was a member of the Hennepin County Sheriff’s Mobile Amateur Radio Corps. MARC members were sworn in as deputy sheriffs and provided supplementary communications for the sheriff during natural disasters. We operated on 53.640 MHz FM simplex. I used a GE Progress Line tube (6146s) mobile radio that had seen mobile telephone use. Several other members used surplus commercial mobile equipment we lovingly referred to as “turkey roasters;” separate tube receiver and transmitter in large metal boxes that looked like something found in a kitchen for cooking. MARC later constructed



one of the first two-meter repeaters in the Twin Cities operating on 146.94 MHz (input) and 146.46 (output). You can still find MARC on 146.82 MHz as **WØPZT/R**.

The sheriff gave me summer work guarding prisoners at General Hospital (now known as HCMC), and later work with the Sheriff's Water Patrol. I found I enjoyed law enforcement, and especially the dedicated men and women with whom I served. When I retired from the Navy I went back to school and earned my Minnesota peace officer license. I have been a patrol officer for the Three Rivers Park District Police for ten years.

In the past, I have served as an ARRL Official Bulletin Station, Volunteer Examiner and Official Observer.

I retired from the Navy in 1998, and our family moved to the current QTH in Eden Prairie. I have a 60-foot Universal tower with a TH-11 and sloper. The rig is a Yaesu FTdx9000D driving an Alpha 9500. My best DX remains working **VKØIR** on Heard Island.

**Family:** My wife of nearly 38 years, Kris – **NØJHL** (QCWA), and daughters Colleen – **KBØPWW** and Rachel – **KCØCIU**. Kris is a reserve teacher in the Eden Prairie school district, and has taught German and math at various times during our military adventure. Colleen is in the Foreign Service Office, having most recently completed two years in a diplomatic posting to our embassy in Yemen. (It was too hard to get “prohibited” radio equip-



ment into 70; we looked at this very hard.)

She has been assigned to DL, and will arrive there in the fall, after completing language and other training. Rachel is working in the MIT Robotics Laboratory. On the side, she is working hard pursuing an operatic career as a soprano.

I think my twenty-seven year old TH-11 may have suffered a balun failure, putting me off the air for months. I have been considering a replacement antenna such as an M2 log periodic. I sure would welcome suggestions for a multi-band *yagi* antenna.

In closing, I would like to say what a real pleasure it is to be a member of the TCDXA, given the club's rich past history of which I have a very personal connection.

73 es gud DX de Tom, WØZX





# Announcing WØDXCC 2011

July 23, 2011

Riverfront Community Center  
Leavenworth, KS

Hosted by the Kansas City DX Club

Sponsored by the Missouri DX/Contest Club and the Lebanon, MO ARC

- ◆ World-famous KCDXC CW Pile-up Contest with prizes!
  - ◆ Hospitality Suite on Friday evening
  - ◆ The latest in DX, Contesting and Antenna Forums, featuring K4UEE, KØIR, W8JI, K4SV, KØBJ, KØCA, K9LA, WØAIH, K5GO, N5DX, K5UR, N1NN, W5ZN, N2WB, ACØC, KØRU
  - ◆ DXCC card checking, including 160m and deleted countries
- ◆ Famous Kansas City BBQ Buffet Banquet with special guest speakers
  - ◆ ARRL booth and club representatives
  - ◆ Local vendors including Associated Radio; NØTT QSL Cards
- ◆ Radio and Antenna manufacturers, including Icom, Yaesu, Alpha, Force 12 and others—latest equipment on display.
  - ◆ Many area points of interest to visit for family fun
- ◆ Major Prizes: Yaesu FT-2000, Icom IC-7200, Alpha 4510 and many more!!

See us at <http://www.w0dxcc.com/>



# One and One-half Milk Carton Crates

by Rick Borken, KØXB

One and one-half milk carton crates. That's all the space I need to pack my portable station and bring it with me in our car to California every winter. Well, to be fair, I'm not counting the extra bag I need to carry the antenna, but that's not very big. And, I can cram that into our car wherever there's extra room.

My wife and I moved "up north" to our home on Lake Vermilion a little more than ten years ago. It's a beautiful place, but we're not crazy. The winters are severe. A few years ago, the thermometer hit -40F, and I took a picture. I took another picture when it hit -43F. That's cold.



Coronado Island, California sits in the middle of San Diego harbor. It's not really an island anymore, because they built a land bridge to the mainland many years ago. But, it was an island, it feels like an island, and everyone still calls it an island.

The temperature is 65 degrees. People who have lived on Coronado for a long time, or in San Diego for that matter, get used to 65 degrees. A friend who moved here from Minnesota many years ago told me that, and I believe



it. If it gets much above 70, they think it's too hot, and they think it's cold when it gets into the 50s. It's a great place, and a very nice place to be during the winter. I am pleased to say Coronado is the winter QTH for KØXB/6.

I know this doesn't have anything to do with ham radio, but you should also know Coronado is where Naval Air Station North Island is located. (North Island used to be a separate island from Coronado, but they filled that in too.) It's where US Naval Aviation began, it's where the very first US Navy aircraft carrier was based and it is currently the headquarters for US Naval Aviation. I've seen as many as three carriers in port at one time.



February, 2011 was the 100<sup>th</sup> anniversary of Naval Aviation. For that celebration, North Island hosted a large air show. The Blue Angels kicked the show off, followed by a 2 1/2 hour flyby of vintage and current aircraft.

When the carriers head out to sea and when they return, the air wing flies either to the ship or back home. It's pretty impressive to hear and see an entire air wing of F/A-18s taking off or landing.

Anyway, back to ham radio.

I've been an avid DXer for as long as I've



been licensed, and that's a long time. We rent a small house on Coronado, so I can't install anything permanent, and I certainly can't put up a tower and beam or anything like that. So, my challenge was how to continue my DXing with these restrictions. In the rest of this article, I will tell you what I have done and how well it has worked.

The real key to any ham station is of course the antenna. I have always felt a vertical was the best DX antenna, other than a tower and beam, so I use a vertical configuration. My antenna is based on a High Sierra Sidekick, which is a motorized mobile antenna. I mount the motorized coil on a lightweight tripod in the back yard, and I throw out eight 25 ft. radials on the ground. There is only room for four of the radials to be fully extended, but I figure something is better than nothing, so I use all eight. In place of the short whip which comes with the Sidekick, I use a 12-ft. telescoping whip sold by MFJ. The screw threads match perfectly, so it's an easy modification.

With the whip fully extended, it is resonant at 20 meters. Adjusting the motorized coil with a rocker switch in the shack allows me to easily tune down to 80 meters. And, shortening some of the telescoping sections allows me to tune it up to 10 meters.

I expected this to work pretty well on 20 through 10 meters, but I have been pleasantly surprised at how well this works on 40 and 30 meters. When there has been a DXpedition somewhere in the Pacific Rim, I have almost always been able to catch them on 40 and/or 30.

It's not very effective on 80 meters, as you would expect. But, I have worked eleven countries, including the Austral Islands, Wallis & Futuna, and Ducie Island on 80.

For the radials, I bought a 100 ft roll of light gauge flexible speaker wire from Radio Shack. I cut that into four 25-ft sections and soldered small clip leads to the ends. Leaving the ends connected to the four clips, I separated the two

speaker conductors, which gave me eight radials. The limp, flexible wire is particularly easy to extend and retract without tangles.

I tried to calculate how many dB difference there was between this setup and my tower, beam and amplifier at home. But, I gave up. It's a lot of dBs!



It's certainly not a tower and beam, but it's not a bad antenna at all. The High Sierra Sidekick motorized coil is mounted on a tripod, with eight 25-ft. radials on the ground. The whip is a 12-ft. telescoping unit sold by MFJ.

I expected to be most effective on CW, RTTY and PSK. That's certainly true, but I have also had plenty of success on SSB.

With this simple setup, I have worked more than 100 countries in the three month time period we're in California, each of the last three years. In total, I have worked all states on mixed mode and RTTY/PSK, and I've worked 184 countries and 38 zones, so far.





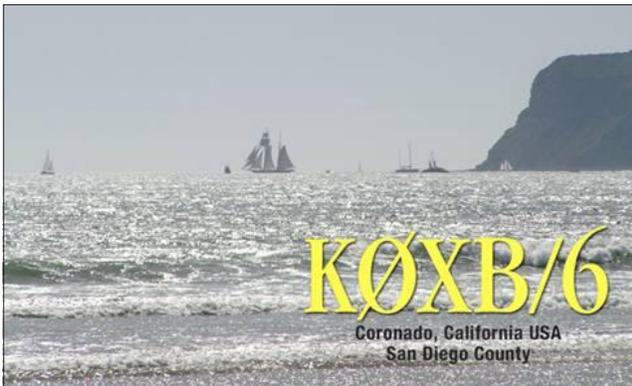
I use four milk carton crates as the base for my portable station, with a spare wooden shelf spread across the top. We use the crates to pack our household stuff.

Currently, my overall totals for SSB, CW and RTTY/PSK are 78, 172 and 118 countries respectively. I've worked 139 countries on 20 meters and 113 each on 17 and 15 meters.

Compared to operating in Minnesota, the pacific rim is much easier to work from California, and Europe is harder. Almost 20% of my QSOs are with Japan from KØXB/6.

Compared to operating with a tower, beam and amplifier, you learn to pay much more attention to band openings of course. If the bands are poor, I do something else. But, if the bands are hot, I can even break a pileup.

I am back in Minnesota now, but give me a call if you hear KØXB/6 next winter.



## Join TCDXA

Our mission is to raise *Dollars for DX* used to help fund qualified DXpeditions. Our funds come from annual member contributions (dues) and other donations. TCDXA is a non-profit organization as described in Section 501 (c) (3) of the Internal Revenue Code. All contributions from U.S. residents are tax-deductible.

Becoming a member is easy. Go to <http://tcdxa.org/> and follow the instructions on the home page. All contributions (including annual dues) may now be paid on our secure site, using PayPal or credit card.



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Amateur Radio Repair All Brands  
Audio Video Electronic Repair





**How you can help...  
and build a legacy that reaches  
far into the future!**

As you undoubtedly have read in the news, philanthropy is down considerably from years past, due to the current economic conditions, with no relief on the horizon. *Courage Center is forced by these circumstances to concentrate more of its remaining philanthropy on core services.* This means that programs such as ours are being funded less by Courage. We have cut staff hours and cut costs everywhere we can, but we need to build our Handiham endowment fund, and cover current costs in order to keep operating. The endowment fund helps keep our Handiham budget independent of the overall Courage Center budget. When you place the Handiham program in your estate plans or donate to build the endowment, you help make our services more secure far into the future.

For more information on how to include the Handiham program in your estate plan, contact Walt Seibert, **KDØLPX**, at 763-520-0532 or email: [walt.seibert@couragecenter.org](mailto:walt.seibert@couragecenter.org).

The Courage Handiham System is a program service of the non-profit Courage Center, a registered 501(c)(3) charity. Your gift will help people with disabilities enjoy the world of amateur radio. All gifts are formally acknowledged.



By mail - letters and gifts of monetary support:  
**Courage Handiham System**  
**3915 Golden Valley Road**  
**Golden Valley, MN 55422**

Shipping address for gifts of ham radio equipment:  
**Handiham System**  
**Camp Courage**  
**8046 83rd St. NW**  
**Maple Lake, MN 55358**

Please make checks to "Courage Handiham System" or call toll-free: 1-866-426-3442 to donate via credit card, or go to: <http://www.handiham.org/node/270>.

**"Thank you for your support! We really appreciate your help."**  
- Patrick Tice, **WAØTDA**, Handiham Manager

<b>TCDXA Treasury Report</b>	
June 15, 2011	
Submitted by TCDXA Secretary-Treasurer Gary Strong, <b>KOØQ</b>	
<b>Income:</b>	
Carryover from 2010	\$ 1,422.50
2011 dues collected	3,123.32
Donations & misc.	522.92
Door prize ticket sales	302.00
2010 dues collected	25.00
<b>Total YTD income</b>	<b>\$5,395.74</b>
<b>Expenses YTD:</b>	
Bank service fees	\$ (3.00)
Website: ISP and domain	(0.00)
Office supplies, guest dinners, and misc.	(288.93)
Flowers (SK) and hospital gifts	(0.00)
ARRL Spectrum Defense Fund	(0.00)
VU4PB DXpedition	(500.00)
NCDXF Donation	(0.00)
MWA plaque	(75.00)
KMØO/9M6 funding	(100.00)
<b>Total YTD expenses</b>	<b>\$ (991.93)</b>
Current Checking Balance (2/18/2011):	\$ 3,871.34
PayPal balance	532.47
Cash on hand	0.00
<b>Total current funds</b>	<b>\$ 4,403.81</b>



VKØIR  
ZL9CI  
A52A  
T33C  
3B9C  
TX9  
CP6CW  
3YØX  
K7C  
5A7A  
VU4AN

K5D  
VK9DWX  
FT5GA  
3D2ØCR  
E4X  
CYØ/NØTG  
VP8ORK  
VU4PB



K4M  
TX3A  
KMØØ/9M6  
YS4U  
YI9PSE  
ZL8X  
DXØDX

XU7MWA  
S21EA  
J2ØRR  
J2ØMM  
BS7H  
N8S  
3B7SP  
3B7C  
5JØA  
VP6DX  
TX5C  
9XØR

## TCDXA DX DONATION POLICY

The mission of TCDXA is to support major DXpeditions by providing funding. Annual contributions from TCDXA members are the major source of funding for this mission.

A funding request from the organizers of a planned DXpedition is directed to the TCDXA Donation Manager, Ron, NØAT, [n0at@comcast.net](mailto:n0at@comcast.net), who makes an initial evaluation of the request, and discusses the attributes with the TCDXA Board of Directors. The request will be judged by how well DXpedition plans meet several key considerations (see below).

If the Board of Directors deems the DXpedition to be worthy of support, a recommended funding amount is presented to the membership for a vote. If approved, the TCDXA Treasurer will process the funding..

### Key Considerations for a DXpedition Funding Request

DXpedition destination	Website with logos of contributing clubs
Ranking on <i>Most Wanted Survey</i>	QSLs with logos of contributing clubs
Most wanted ranking by TCDXA Members	Online logs/pilot stations
Logistics and transportation costs	Up front cost to each operator
Number of operators and their credentials	Support by NCDXF & other clubs
Number of stations on the air	LoTW log submissions
Bands, modes and duration of operation	Success of previous operations by same group
Equipment: antennas, radios, amps, etc.	Valid license and DXCC approval
Stateside and/or foreign QSL manager	Funding mode: USA and/or foreign financial address

To join TCDXA, go to <http://tcdxa.org/>.



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