



The Centurion

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Summertime Fun

What dreadful hot weather we have! It keeps me in a continual state of inelegance.

~ Jane Austen ~

Summertime is finally here with all its lazy laid-back indolence. This is the time of year we take to the outdoors and take on the B-B-Q, head out on a leisurely stroll and picnic, donning on the swimming suits and plunge into the refreshing waters of delight. Summer is the time of year we can decide to take on many of those outdoor projects that we have put off through the winter. Some of us use this time to take a break and try to relax from the everyday hustle and bustle of our

hectic and sometimes chaotic routines. We can even take this opportunity to get out of our houses and explore the world we live in. Travel to far reaches of the world, learn more about the many wonders we do not normally experience. We may even choose to renew old acquaintances or make new ones.

So pack up the family and head out to adventures unknown, or lay back and enjoy the quiet respite from the frantic world we create around ourselves. Best of all now, is the time to build, repair, and try out all those wonderful plans that will keep us forging friendships, old and new through the 3905 Century club.

NEBRASKA 2012

Eyeball 2012, hosted by Glen Felt, W70A, will be held in Corn Husker country, eastern Nebraska (to be exact), from Thursday July 26 to Sunday July 29, 2012. The event location will be the Eugene T. Mahoney State Park in Ashland, NE

Eugene T. Mahoney State Park is located in Cass County between Omaha & Lincoln, NE on Interstate I-80, exit 426. Upon taking exit 426, turn North and go 1/2 mile on Hwy 66, entrance before the Strategic Air & Space Museum. If traveling from Ashland, from the east or west on Hwy 6 to Ashland, turn onto Hwy 66, go South 3 miles on Hwy 66, entrance after the Strategic Air & Space Museum (before I-80). Downtown Omaha is about 22 miles as the crow flies to the NE and suburban Omaha with restaurants and shopping extends out about 10 miles. Lincoln is about 24 miles to the SW. Ashland is a small community about 3.4 miles to the NW.

Contact information for Mahoney State Park is phone (402) 944-2523, address 28500 W Park Hwy, Ashland, NE 68003.

Eugene T. Mahoney State Park offers year-round accommodations and recreational use. This ultra modern park offers a spectacular array of lodging, group meeting facilities and activities. Located near Ashland, just off of I-80 at exit 426, Mahoney nestles on 690 acres along the picturesque Platte River. The dominant feature of the park, the Peter Kiewit Lodge, offers guest rooms, a restaurant where guests can dine with the scenic Platte River as a backdrop, a gift shop and meeting rooms.

Mahoney has myriad recreational activities, including a Family Aquatic Center complete with 0-depth swimming, a wave pool and two 200-plus-foot curling water slides. Admission to the Family Aquatic Center is \$8 for adults and \$7 for children (ages 3-12).

Other activities include miniature golf, driving range, tennis and basketball courts, softball fields, horseback trail rides, crafts, fishing, picnicking, hiking, 70-foot observation tower, nature conservatory, the Denman and Mary Mallory Kountze Theater, hiking and biking trail and beautiful waterway, and at Owen Marina visitors may rent a paddle boat and checkout recreational equipment.

The center of Eyeball 2012 activity will be at the SAPP Riverside Lodge. The SAPP Riverside Lodge is in Mahoney State Park and is within walking distance of the cabins, but away from other Park activity centers. It's a good place to put up antennas. It also has a kitchen and will be the site of our Eyeball Banquet. Additional information on activities to follow.

DATE	TIME	EVENT	LOCATION
Thursday			
07/26/2012	10:00	Eyeball Set-up & Registration Lunch on Your Own	Sapp Lodge
	15:00	Mobile Clinic Run by Mobile Shoot out Master Lon Martin, K0WJ Top Gun 2001 & 2010 Dinner on Your Own	Sapp Lodge
	19:00	40m SSB Early Net Bingo with prizes	Sapp Lodge
	22:00	75m SSB Early Net Bingo with prizes	Sapp Lodge
Friday			
07/27/2012	07:30	Eyeball Registration	Sapp Lodge
	08:30	Mobile Shoot out Conducted by Rangemaster Lon Martin, K0WJ	
	09:30	Visiting Time & Local Attractions	
	10:00	QRP Net - 40m SSB (Rodeo style)	Sapp Lodge
	10:30	QRP Net - 75m SSB (Rodeo style)	
	12:00	Guest Speaker - Reynolds Davis, K0GND ARRL Emergency Coordinator For Lancaster County, NE "Setting Up a Storm Watch Group"	Sapp Lodge
	13:00	Lunch - Cookout* By Friend Boy Scouts	Sapp Lodge
	14:00	Visiting Time & Local Attractions	
	17:15	Dinner on Your Own	
	19:00	40m SSB Early Net Bingo with prizes	Sapp Lodge
	22:00	75m SSB Early Net Bingo with prizes	Sapp Lodge
Saturday			
07/28/2012	09:00 to	11:00 Dean Davis, N7XG "40m QSL Bureau" "QSLing in General" "N7XG Logger"	Sapp Lodge
		Visiting Time & Local Attractions	
	12:00	Lunch - DIY Sandwich Bar*	Sapp Lodge
	13:00	Annual Board Meeting (Open to all)	Sapp Lodge
	16:30	Group Photo	Sapp Lodge
	17:00	Dinner Banquet* Presidential Awards Presentation Door Prize Raffle Auction	Sapp Lodge
	19:00	40m SSB Early Net Bingo with prizes	Sapp Lodge
	22:00	75m SSB Early Net Bingo with prizes	Sapp Lodge
Sunday			
07/29/2012		TBD Meet for Breakfast Kewit Lodge or nearby Dennys	
		TBD NE Eyeball Ends - 73	
		TBD Cleanup	Sapp Lodge

Mobile in Paradise

Each year our family plans a vacation and sets a goal to reach an exciting place. One of the many destinations I have dreamed of visiting in my lifetime has been the Hawaiian Islands. The warm sunny beaches, palm trees waving in the breeze, beautiful blue water, and the many unique attractions that make up this island paradise.

When we heard that Disney was opening up a new resort in Hawaii, we had to go.

So the planning, saving and anticipation began.

One of my many hobbies or passions is, of course, Amateur Radio, A thing I really enjoy and don't always have time for. Unlike model railroading, Amateur Radio is a hobby that I can take with me where ever I go. It is always fun to take a radio with me and meet new people as I travel the world. Operating UHF and VHF while traveling is not much of a problem. The equipment is small and light weight. There are band plans, repeaters established and published directories of many of the repeaters available to use. You can get away with using a light weight hand held radio. Maybe include an extra battery and charger and you are good to go. HF however is a whole other story. Radios are larger and heavier requiring a separate power source, the antennas are longer and most often bulkier. Like every rule there are exceptions like the QRP backpacking setup, but I will save that for another discussion.

My challenge is I like to travel by air so I can arrive at my destination quickly and spend most of my vacation time exploring new places. Yeah I know the journey is the destination and I have spent my fair share of time on the road but that is not always practical.

A couple of years ago I decided to try taking my HF radio on vacation with me and operating mobile. I had heard several of our members operating mobile and they sounded great. How hard could it be?

First thing is to find a radio. Hopefully a small compact full featured radio. I settled on the Icom 760, small enough to carry and still had all the features needed to talk to my friends in the Century Club. Next

was how to power it. I built upon my experience with UHF and VHF and wired a power cord to a lighter plug to use in any car. Should work right? My first attempts using this setup for power was fraught with problems. The power cables and the antenna coax where too close together and I started getting RF back into the radio. The lighter outlet was fused on the car and I kept blowing fuses. After asking around and taking the advise of several of our veteran members I bought a coil of two strand wire and added clips to attach directly to the cars battery. To protect the radio from shorts I also added in line fuses. This setup seems to work well for my mobile operations.

The search for an acceptable mobile antenna started. The antenna I started out using was the Comet UHV-6, a nice antenna for uhf,vhf and some HF. The mount I use is a lip mount on the trunk lid or door jam next to the hinge of the door. This antenna works great for the higher bands but the lower band coils become too large and heavy for traveling down the road. The other obstacle to over come was to pack the equipment for air travel. Many of my vacations involve air travel so can arrive at our destinations quickly and spend more time there. For the antennas I decided to keep the lip mount system and remain stationary in the vehicle. Traveling by air presents a challenge in that you never know what vehicle you will end up with, so the lip mount works well. After asking around from club members I decided to try the Hamstick antenna. All though they are band specific they are sturdy and will hold up to the rigors of baggage handlers.

With the equipment picked out and ready to go I was still looking for advice on the best mobile setup I could have. I again decided to call upon the wealth of knowledge from our club, at least a wealth of opinions. I posed a question on the Yahoo groups about the best antenna and setup and I was not disappointed. From the advice I sifted out what the best setup would be to have the antenna as high as possible on the vehicle. With most of the car pointed towards the direction of the desired radiation of the signal. A good ground to the vehicle to enhance the radiated signal and to reduce the RF interference. Avoiding trees and major structures the will absorb the signal.

With this gained knowledge I set out to see if the setup would work. A few weeks ahead of my trip I took my equipment out for a trial run. I drove down the street to the boundaries of Salt Lake city to operate from the capital. This time I mounted the antenna on the top of

the door jam (the highest point of the car)
Parked the car with the orientation towards the west.
Hooked up the power directly to the car battery. Once again the power cable I use is fused to protect the battery and the radio. This time I brought my antenna analyzer to tune the antenna. After making some minor adjustments to the length of the antenna and tuning the antenna to the net frequency. I checked into the 40M late net. The antenna tuner settled in and tuned to the net and I was able to make contact with everyone on the net that night. I finally felt like I was ready for the big trip.

The day finally arrived. I was packed, ready to go. I had my antennas power cables and all the necessary gear in a tripod bag, a bag I had for my photography gear and now I use for my Radio gear. The radio I packed in my carryon luggage to keep with me. I have learned that Amateur Radio gear is considered electronic equipment by the TSA and needs to be pulled out and run through x-ray out side the luggage like all lap tops, etc. Knowing that makes security go smother than a glassy lake on a windless day. We finally arrive. What a beautiful place to visit. We quickly settled in and enjoyed all that paradise had to offer. We picked up our rental car, a GMC Terrain SUV. A nice car with a hatchback, a great place to mount an antenna.

Friday finally arrived, with all the equipment and advice in hand I mounted the antenna on the lip of the opened hatchback and parking the vehicle on the top level of a parking garage pointing the vehicle towards the mainland, connecting the radio to the battery of the car taking one last look at the antenna with

the analyzer. I was ready to check in. The call for 6 area check ins came and I keyed up trying several times I was not heard at first. Then my good friend K7MI stepped in and relayed me in. I was heard on the mainland. It was a great thrill to be able to contact everyone on the net that night with my modest radio setup and parked on top of a parking terrace in Honolulu HI.

Saturday night came and I setup the exact same way and place. This time I could hear the net but they could not hear me. I kept trying minor adjustments but with no success. I was afraid that I was not going to be able to make any contacts then during the second round conditions cleared up and I was able to make more contacts. Sometimes with all your preparations the condx is not with you. I did try to check into the 75M net but with out any success. I knew it would be a long shot but I had to try.

With two successful nights down I decided to push my luck and check in on Sunday night. My last night in paradise, I repeated my same routine and setup and checked in for the finally night. And had a great time making contacts with all my friends in the 3905 century club. I was sad to leave a great place and head home but I still have many great memories, photos and the contacts with my friends. Onward and upward.

73
AC7RA



The SUV we had in Hawaii with the hatchback open and the antenna mounted high as possible on the back with the vehicle pointed east.



Wandering Ham



KC9NCS and the family dropped by for a visit at KJ4SGI's Home QTH. We took them on a tour of the property and around the bird aviaries. Then I introduced them to the chicks in the house and the rest of the pets.



Larry and I snuck away for a bit and actually had time to talk about antenna possibilities for the property. Beth and I really enjoyed Larry and family stopping by.
Dwight KJ4SGI

Thank you for Dwight for sharing your visit with our friend Larry KC9NCS.

www.3905ccn.com

If you have pictures, adventures, stories or advice about operating mobile Please share them with your fellow members of the 3905 century club.

Mail to: Ricky Asper (AC7RA)
Centurion Editor
3815 south 1915 east
Salt Lake City, Utah 84106
Or E-mail rick@theasper.net



Larry had a particularly fun time handling Indy our 26 year old Blue and Gold Macaw, and was somewhat reluctant when visiting my larger 27 year old Ruby Macaw.



Award Listing

20 Meter PSK 100 Point

K0WJ 59 20 Lon M. Martin 4/14/2012

40 Meter CW 100 Point

WC4J 205 40 Jack Brian Cochran 5/19/2012

40 Meter PSK 100 Point

W6LJK 76 40 George N. Huett 4/13/2012

40 Meter PSK Officers

WB5FDP 2 40 Ricky L. Mobley 5/15/2012

40 Meter RTTY 100 Point

KJ4SGI 161 40 Dwight A. Greenberg 4/3/2012

KT4CB 162 40 John V. Spillman 4/16/2012

40 Meter RTTY Officers

WB5FDP 4 40 Ricky L. Mobley 5/15/2012

40 Meter SSB 100 Point

AD7UQ 2797 40 Randy S. Powers 4/18/2012

KC9SJN 2798 40 Thomas R. Wolf 4/23/2012

WX1MAN 2799 40 Paul E. Kenny, Jr. 4/26/2012

N4USS 2800 40 Jeffrey T. Lee 4/29/2012

K1INX 2801 40 Norman E. Woods, Jr. 4/30/2012

KK4DZP 2802 40 David P. Mahan, Jr. 4/30/2012

AC8HC 2803 40 Timothy L. Williams 5/6/2012

W7SF 2804 40 Gregory O. Sprague 5/13/2012

N8BF 2805 40 Byron J. Fiedler 6/11/2012

40 Meter SSB 500 Point

N7ELB 131 40 James L Schmitt 4/3/2012

WF5K 132 40 Malcolm Pelham 5/1/2012

K7BSU 133 40 Roger M. Sharp 5/1/2012

WC4J 134 40 Jack Brian Cochran 5/19/2012

40 Meter SSB 2000 Point

K1ARL 279 40 Karl Goudy 5/12/2012

AA6MK 280 40 Michael W. Kelly 5/17/2012

K1EDG 281 40 Lloyd Ed Garrison, Jr. 6/26/2012

40 Meter SSB Nomad

VE9SX 186 40 Melanie A. Wade 5/27/2012

NE9DH 187 40 James Thomas Wade 5/27/2012

40 Meter SSB Numbers Racket

N1RNJ 219 40 Gary R. Sheridan, Jr. 4/10/2012

40 Meter SSB WAC - Mobile

KT8D 3 40 John M. Fisher 4/27/2012

40 Meter SSB WAS Same Mobile

KE4DYG 35 40 D. Robert Duckworth 4/4/2012

75 Meter SSB 100 Point

KC9SJJ 3001 75 Thomas R. Wolf 4/23/2012

WF5K 3002 75 Malcolm Pelham 5/1/2012

W7SF 3003 75 Gregory O. Sprague 5/13/2012

WX1MAN 3004 75 Paul E. Kenny, Jr. 5/14/2012

KK4FXJ 3005 75 Jeffery A. Kohel 5/14/2012

75 Meter SSB 500 Point

K7BSU 121 75 Roger M. Sharp 4/24/2012

WF5K 122 75 Malcolm Pelham 5/1/2012

WB2JVB 123 75 Paul J. Lourd 5/11/2012

WC4J 124 75 Jack Brian Cochran 5/19/2012

75 Meter SSB Nite Owl

N1RNJ 373 75 Gary R. Sheridan, Jr. 4/26/2012

75 Meter SSB Nomad

VE9SX 132 75 Melanie A. Wade 5/27/2012

NE9DH 133 75 James Thomas Wade 5/27/2012

WT0A 138 75 Glen K. Felt 4/3/2012

WT0A 138 75 Glen K. Felt 4/3/2012

75 Meter SSB Numbers Racket

N1RNJ 176 75 Gary R. Sheridan, Jr. 4/10/2012

W0PTL 177 75 Eric J. Johnson 5/20/2012

75 Meter SSB WAC - Mobiles

KT8D 2 75 John M. Fisher 4/27/2012

80 Meter CW 100 Point

WU9T 147 80 Donald G. Chinnery 4/16/2012

KT4CB 148 80 John V. Spillman 5/27/2012

80 Meter PSK 100 Point

WC4J 58 80 Jack Brian Cochran 5/19/2012

80 Meter RTTY 100 Point

NJ4O 72 80 Larry D. Neupert 4/4/2012

WC4J 73 80 Jack Brian Cochran 5/19/2012

160 Meter SSB 100 Point

WA9DIY 593 160 James R. Foster, Sr. 4/5/2012

AD7DB 594 160 David G. Bartholomew 4/23/2012

160 Meter SSB 500 Point

WC4J 28 160 Jack Brian Cochran 5/19/2012

Net Control Operators

VE3CMB 157 Craig McLoughlin 4/11/2012

Net Controllers Basic

VE3CMB 295 Craig McLoughlin 6/15/2012

Net Controllers Cum Laude

WN1F 18 David B. Feeney 5/13/2012

Net Controllers Journeyman

KC9NCS 115 Lawrence E. Beske, Jr. 5/13/2012

KJ4SGI 116 Dwight A. Greenberg 5/13/2012

Quarter Master

KT8D	8	40/75	John M. Fisher	4/23/2012	W9JAY	2409	75	Jay W. Fadness	4/3/2012
AD7DB	37	40	David G. Bartholomew	4/23/2012	W9JAY	2410	40	Jay W. Fadness	4/3/2012
KI4DFS	38	160	David C. Reece	5/23/2012	KF4PAF	2411	40	Jesse A. Cox	4/8/2012
W9LDO	39	75	Lynn E. Oliva	6/2/2012	K7OPQ	2412	40	Western Oregon Amateur Society	4/10/2012
W9DCO	40	75	David C. Oliva	6/2/2012	W9JAY	2413	75	Jay W. Fadness	4/10/2012

Alphabet 40 and 75 Meter SSB

N1RNJ	597	40	Gary R. Sheridan, Jr.	4/10/2012	N3WD	2415	75	William A. Dobson, III	4/26/2012
N1CD	598	75	Carlene M. Drake	4/21/2012	N6RSH	2416	40	Steven D. Panattoni	5/2/2012
AA6MK	599	40	Michael W. Kelly	5/26/2012	KF4PAF	2417	40	Jesse A. Cox	5/2/2012

Bakers Dozen

AA6MK	2404	40	Michael W. Kelly	4/2/2012	N6RSH	2418	40	Steven D. Panattoni	6/10/2012
NC7Z	2405	40	Robert H. Wakefield	4/3/2012	N6RSH	2419	40	Steven D. Panattoni	6/28/2012
NC7Z	2406	40	Robert H. Wakefield	4/3/2012	W0WSP	2420	75	Douglas V. Aldrich	6/29/2012
NC7Z	2407	40	Robert H. Wakefield	4/3/2012	AJ4IM	2421	75	James W. Padgett	6/29/2012
NC7Z	2408	40	Robert H. Wakefield	4/3/2012	Certificate Hunters 40 and 75 SSB				
NC7Z	2409	75	Robert H. Wakefield	4/3/2012	AA6MK	558	40	Michael W. Kelly	6/7/2012
NC7Z	2410	40	Robert H. Wakefield	4/3/2012	National Park - Tourist				
KB1ODO	2411	40	Andrew E. Toce, Jr.	4/8/2012	W9OO	8		Carl E. Durnavich	6/20/2012
N4ACS	2412	40	James F. Wood, Sr.	4/10/2012	N4ACS	13		James F. Wood, Sr.	4/9/2012
W0PTL	2413	75	Eric J. Johnson	4/10/2012	Officers 40 and 75 SSB				
KK4TE	2414	75	Charles H. Moss, III	4/16/2012	N1RNJ	931	40	Gary R. Sheridan, Jr.	4/10/2012
W1BML	2415	75	Earl W. Smith	4/26/2012	N1CD	932	75	Carlene M. Drake	4/21/2012
AE5PV	2416	40	Lorraine E. Ladnier	5/2/2012	WAS 40 75 and 160 SSB				
AE5PV	2417	40	Lorraine E. Ladnier	5/2/2012	KK4TE	1368	40	Charles H. Moss, III	4/16/2012
AA6MK	2418	40	Michael W. Kelly	6/10/2012	N1RNJ	1369	40	Gary R. Sheridan, Jr.	4/26/2012
N8BF	2419	40	Byron J. Fiedler	6/28/2012	AB9NH	1370	75	James E. Tribble, Jr.	4/28/2012
KT8D	2420	75	John M. Fisher	6/29/2012	W7SF	1371	40	Gregory O. Sprague	5/13/2012
KT8D	2421	75	John M. Fisher	6/29/2012	AA6MK	1372	40	Michael W. Kelly	6/11/2012

Bakers Dozen Cert of Appreciation

KF4PAF	2404	40	Jesse A. Cox	4/2/2012	WAS Caps 40 and 75 SSB				
KF4PAF	2405	40	Jesse A. Cox	4/3/2012	KK4TE	540	75	Charles H. Moss, III	4/16/2012
WT0A	2406	40	Glen K. Felt	4/3/2012	WAS YL 40 and 75 SSB				
NE9DH	2407	40	James Thomas Wade	4/3/2012	KI4DFS	223	40	David C. Reece	6/19/2012
VE9SX	2408	40	Melanie A. Wade	4/3/2012					