Hi gang, I have been getting some emails addressed to other hams bounced to my email address through ARRL. I got one addressed to W0SNJ and it was definitely spam. Looks like some one has found a way to spam our email addresses on the ARRL server even when it is not directed to my address. ARRL does not have a solution at this time but looking into it. I had received a email addresses to W0PT@ARRL.NET and John NOEI examined the headers said it had gone to India before it got to me. I would be interested in hearing from others who have experienced this.

◆ The Field Day results are printed in the December QST starting on page 82. I see a lot of Ks clubs and individuals listed with their score. You might want to check how UR club and others did.

◆ Hi Orlan, The "KAR Special" worked very well. We had 29 who checked into the Satern Net on 3.910 this morning. I was net control and was told by more than one person that he had learned about the Satern Net through the "KAR." The special net session of the Kansas Sideband Net had several check ins, as well, although I am not aware of the exact number since I was passing traffic on that net and the MESN. Again, thanks for all your assistance. Rich Britain - N0ENO Glad KAR was a help Richard.......... Orlan

◆ Orlan and Ron, In case you hadn’t seen this already. SM Workshop story: http://www.arrl.org/news/stories/2006/10/20/101/?nc=1
- Chuck k0BOG at ARRL TU Chuck. That is a nice shot of you and the SMs and our own Ks SM, Ron.

◆ Orlan, We wish them well on the drill. Here is an interesting website you might like if you haven’t seen it yet. www.novice.bappy.com I remember my novice days! 73 and have a great weekend, Chuck K0BOG

◆ Thought you might find this interesting! A truly unique and different type of CLOCK ....

CLICk >>> http://home.tiscali.nl/annejan/swf/timeline.swf From Larry at church.

◆ If you want to see a real radio room, see page 20 of the November QST. It looks like there is enough radio equipment to make 50 ham shacks.

.
Here's the URL - the report & order is 45 pages long. W0EB Thank U Jim

NOAA is providing emergency alert radios to every school in the country. (A lot of radios! )
Citizen Corps groups are being asked to help set them up, make sure they are turned ON,
tuned right, etc. In turn, Amateur Radio groups are being asked to contact the Citizen Corps
people in their area to help make this happen.

Attached are documents you may want to use. This is an excellent chance to get PR as your
group works with local emergency people and schools.

More info is at http://www.arrl.org/FandES/field/noaapubalert.html
http://www.arrl.org/FandES/field/pubservice.html#nandy

Don't forget to check the "Kansas Section News" page on the ARRL server. Ron has posted
lots of new photos recently. Click>>> http://www.arrl.org/sections/?sect=KS

ARRL KS SECTION MANAGER - Ron KBØDTI

Hi Guys!

Looks like it won't be easy (or as much fun) to continue CW on 80. Not only have
they taken away 125 KC of CW but we have to compete with the digital folks.
The ironic thing is it won't affect KS SSB Net because our neighbors won't be
moving. Look this over and see if you can find us a spot.
Ron UR SM Watch for the new QKS frequency, probably 3590 kHz.

I have appointed the following as ARRL Ks EC.
Michael R Pate, KC0NFG
795 Road 310
Sept Activity for October Report

from the desk of K0BXF ARRL SEC KS
September 2006 activity as of Nov 1, 2006
September SEC report: 19 Zone EC reporting 141 net sessions, 13160QNI and 60 QTC. RACES QNI 10 QTC 0, counties represented were: Johnson, Brown, Riley, Montgomery, Wyandotte, Linn, Harvey and Shawnee. QCWA.net: 4 sessions 38 QNI 0 QTC Army MARS 649 man hours operation and 847 messages originated.
As promised, maybe a little late, however now you know where you live within the KS ARES map.
DEC - District 3: Douglas Younker, N0LKK dougy@ruraltel.net (Includes Decatur, Sheridan, Thomas, Logan, Norton, Phillips, Graham, Rook, Cheyenne, Sherman Wallace, Rawlins, Smith, Osborn, Russell, Ellis, Trego and Gove Counties)
EC - Zone 3A Decatur, Sheridan, Thomas and Logan Mike Albers, K0FJ K0FJ@arrl.net
EC - Zone 3B Norton and Phillips, Tom Weinman, AA0ND weinto@phillipsburg.net
EC - Zone 3C Graham and Rooks Douglas Younker, N0LKK dougy@ruraltel.net
EC - Zone 3D Cheyenne, Sherman, Wallace and Rawlins Scott Mentzer, N0QE smentzer@goodland.ixks.com
EC - Zone 3E Smith and Osborne, open
EC - Zone 3F Russell, Ellis, Trego and Gove Stephen L. Lechliter, WA0SLL s_lechliter@yahoo.com
Be advised of the new Emergency Coordinators effective immediately

Gary Sherard WA5FLV 20 N. Plummer St Chanute, KS 66720 Zone 4G Neosho and Labette Counties, KS
William Musick KC0NFL 3916 Bob Billings Parkway Lawrence KS 66049 Zone 1B Douglas County, KS

**KANSAS STATE RACES OFFICER - Joseph WDØDMV**

Here is the RACES report for November 2, 2006
The band condition was poor as the band quickly dropped out.
Sorry if we missed someone.
Stations heard.
**Call County**
KBØAMY Brown
AAØOM Phillips
NØENO Johnson
KØFNI Harvey
NUØB Montgomery
WAØSRR Brown
WAØCCW Mitchell
WDØDMV Shawnee NC
8 QNI Ø QTC

73 Joseph WDØDMV - State RACES Officer

KANSAS ARES REPORTS - from active ECs.

♦ Just a note going to pick up 73' tower trailer under Home Land money Federal Tuesday. The group will work on this thru the winter and by field day it should be ready to go. Dipole ants built and ready to go on 10-80 meters Working on crossband repeater for UHF and VHF Ham this time. Also Echolink direct ready to install tower trailer. Sheriff office giving 3/4 ton 4x4 Ford truck to effort. Working on Federal funds for 2006. Have meeting Wed. on Federal exercise Topeka on communications will let you know on output from them. So far Ham looked good. (wait and see)???
Steve EC Alpha 1

♦ ARES report for DIST 6F for OCT 2006
10-1-2006 1 NET QNI-7 QTC-1
10-8-2006 1 NET QNI-5 QTC-0
10-15-2006 1 NET QNI-6 QTC-0
10-22-2006 1 NET QNI-6 QTC-0
10-29-2006 1 NET QNI-4 QTC-0
TOTAL 5 Nets QNI-28 QTC-1
No SKYWARN activity for October
Steve Benson NØBTH EC Dist 6F

♦ AREA Zone 6E October 2006 Report
Net Sessions...........5
Check-Ins.............29
Traffic.................1
Stations Participating-K0EQH, WB0QYA, N0KQX, N0OXQ, KC0IVP, KC0AMF, N0OMC, AC0E, and visitor KB0WWF,
Ron from Lamar CO on band opening.
Rod K0EQH NCS

♦ October 2006 ARES Dist 3A Activity Report
Zone 3A sessions = 31 QNI = 422 QTC = 56
SkyWarn Activation = 0
It’s been a busy month in 3A territory. We started off with ARES Signup and have 12 members. Several could not make the meeting in October, so I will catch them this month. Last Saturday the Trojan Club was asked to assist with the open house held at the NWS Goodland Office. NWS Personal did radio spots for several weeks prior to the event and highlighted the SkyWarn Amateur Radio effort. This is the first one they have done in 10 years. We deployed our portable tower, rotator, HF
beam and VHF beams in their parking lot. Along with their permanent station in the office, we
demonstrated SkyWarn, EmComm and ARES activities. We sent emails to visitors via WinLink and
answered questions ref the portable HF station we had in operation. The CQ WW DX Contest made
for great reception during the event.

Bob – KC0WJT who is the Colby Fire Chief, setup their Fire Safety Trailer Severe Weather Display and
incorporated Amateur Radio in the program. I was able to call the daily SkyWarn net from the NWS
Office that day. While I was doing that, the local TV / Radio reporter decided to tape our net session
to use later in his program reporting on the event activities. One thing led to another and while I was
manning the inside station I answered several questions regarding Amateur Radio Emergency
Communications for Ron Barkley who I later found out happens to host a live radio talk show called
“What’s Happening on the High Plains?” heard on KLOE in Goodland. I ended up being his guest for
the program yesterday (Thurs). That was my first time on “live” radio and it was a blast. Ron is an
excellent host and was very enthused about Amateur Radio. Our talk yesterday focused on Emergency
Communications. He has invited me back in the future to discuss other Ham activities.

We held a meeting today to discuss expansion of our digital APRS and voice networks to greater assist
the NWS Office with regional coverage. I will provide more details on that progress next month.

73, Michael Albers K0FJ

◆ Subject: Zone C4 OCT 2006 Monthly ARES Activity Report K0UO Steve Walz Kiowa ,KS
Total ARES members: 7. ARES Net Information: GSPARC Sunday 9pm
ARES Monthly Activity: 5 nets
QNI (ARES): QNI = 88 QTC = (ARES): 08

The winter time net has started back up
Have 2 new hams on the air
The group went the Valley Center Hamfest

Had yearly the meeting of the GSPARC and ARES at the KB0HH Bunkhouse Contest station. The stations was in the July CQ, and is a BIG Station from160 to 1296! also see
http://rfcomply.com/products_services/miscellaneous_info/amateur_radio_club/

SK W0OHX age 98 and was on the air until the last days.

Steve Walz
K0UO
Kiowa, KS 67070

◆ OCT 2006 MONTHLY ARES REPORT TO DEC & SEC
From Alpha 4 (Johnson County KS) ARES
Total of ACTIVE ARES members: 80
Membership increase or decrease since last report: +0
Local Net Name: Johnson County ARES
NTS liaison is maintained with the KS SSB Net:
Dan Reed N0ZIP Jim Andera K0NK
George McCarville WB0CNK Jim Cordill K10BK
Debbie Britain AB0UY June Jeffers KB0WEQ
Rich Britain N0ENO Terry Reim WA0DTH
Wretha Galeener KC0HHO  
NTS CW Net: Dan Reed N0ZIZ  
Net Sessions: 53  
QNI: 432  
QTC: 19  
5 nets = 2meter voice  
5 nets = CW  
5 nets = 6 meter  
5 nets = 2meter voice simplex  
5 nets = point to point packet  
4 nets = 1.25m  
5 nets = PSK 31  
5 nets = simplex packet  
4 nets = 70cm  
5 nets = 75meter SSB  
5 nets = Slow Scan TV  
Emergency Coordinator = Brian Short KC0BS 913-638-7373  
Alternate Emergency Coordinator = Jim Andera K0NK 913-884-6613  
Assistant Emergency Coordinators:  
June Jeffers KB0WEQ 913-856-8674  
George McCarville WB0CNK  
Debbie Britain AB0UY  
Darren Martin N0MZW  
Stan Frear KC0NXJ  
Dennis Smeltzer KC0QBU  
Johnson County ARES Activity report for October  
Johnson county ARES sponsored a Public Safety Professional Technician class in October. Participants included Emergency Managers, police officers, fire dept officials, sheriff deputies, dispatchers, and emergency managers for local companies. All of the Metro counties were represented. The class met on 3 Thursdays for instruction, and on the 4th Thursday, the test and a reception following. 19 out of 19 people in the class passed!  
We plan to do a repeat in January in a continuing effort to integrate Emergency Response in the Ham community into the Emergency Planning of the served agencies & Cities & counties. Thanks to all those who took time to come out and learn, and to Matt May-KC4WCG and Brian Short-KC0BS for organizing & teaching the class. Great work!  
At our October meeting, George WB0CNK gave a short course on effective communications and Brian KC0BS provided NCS training and briefed everyone on the upcoming Annual Emergency Drill, Nov 4th.  
Report prepared by:  
Darren Martin N0MZW  
Johnson County Kansas  
913-485-7277  
Email: n0mzw@yahoo.com TU Darren for the FB report. I think it is the first via you. Orlian  

**Code Class - Code Class:**  
Starting this Tuesday, November 7, 7 p.m.  
230 East Main Street, Gardner, Kansas
No Cost! -- That means FREE!
Class will be 4 weeks or longer if need be.
Instructor -- Rob Underwood, K0RU
For more information contact:
Del Sawyer, KC0SKR
913-856-8050 or 913-244-6150
Email: ddsawyer@sbcglobal.net

Larry

Our first class had 7 people wanting to learn code or improve speed. Rob has set up a code
program on 147.420, simplex, at 7 p.m. This will be transmitted each night except on class	nights, Tuesday and Thursday.

Rob, K0RU, invites anyone to be a part of this class.

Del Sawyer, KC0SKR

HAM OF THE MONTH:
Meet Bill Barnes WBØNSQ
Orlan, I've played bass trombone in the Kicks Band since 1987. It's a 17-piece big-band with
2 singers. We've played all over town for just about anyone that wanted us. We played the
B.O.T. A.R. Ball for 2 straight years.

I also play in the Abel Ramirez Big Band; been doing that for the last year. We play at Tony's
Bar & Grill at 87th & Quivira every Tuesday night at 7:30. That is 17 blocks from me Bill.
Orlan

Keeps me out of trouble...... O:-)

There are some other hams that play trombone, too. Dave Baker, KC0DZF, and Ted Holdahl,
KC3OL. Ted regularly plays in Abel's band. Dave is not only one of the finest trombone pickers
I've been around, but he's equally talented on the piano. He decided to get back into ham
radio after seeing my call-letter tags at rehearsal one night.

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While we are on the subject, dont forget Don ADØK in the Navy in Texas and his band
http://www.arrl.org/sections/?sect=KS

Any other hams in a band or etc let me know for a posting. Orlan

Marshall Ensor Memorial Organization W9BSP - W9UA
Dec 8 & 9 - Ensor Museum, 160 meter special event station
See: http://www.w9bsp-w9ua.org/special-event.htm
Larry Woodworth, W0HXS - larryw0hxs@kc.rr.com

Dear List Folks:
There is an auction this Saturday and a special event station December 8 and 9, at Ensor Park and Museum. Tonight on the JCRAC net there were several wanting directions to Ensor. Don Warkentien, W0DEW, gave these directions, which are pretty straightforward and easy to follow:

From the city:
South on I-35 to US Highway 169
South on US 169 to 183rd Street
East on 183rd Street about one mile
Ensor is on the south side of 183rd Street

Actual address: 18995 West 183rd Street, Olathe, KS 66062-9278

You may wish to access: http://www.w9bsp-w9ua.org/ for additional details.

73,
Larry Staples - W0AIB

For members who live near enough to attend this Auction event, it has proved to be a first class success and is in the third year as an annual event. The Johnson County Radio Amateur Radio Club works to put it on and chooses the Ensor Park and Museum for the space and location. Join the fun.

73 Larry Woodworth Ensor Manager

**HAM RADIO LICENSE TESTING:**

When finished, you can mail, fax (860-594-0339) or email (vetests@arrl.org) this completed form to the ARRL/VEC.

**W5YI-VEC SESSION REGISTRATION**

SEND TO ARRL/VEC AT YOUR EARLIEST CONVENIENCE IN ADVANCE OF THE SESSION FOR WHICH THIS FORM IS USED.

1. TEST DATE: **Saturday Nov 11, 2006** TIME (local): **1:00 PM**
2. WILL ADDITIONAL SITTINGS BE HELD AT THIS SESSION? YES
3. WILL WALK-IN CANDIDATES BE ACCEPTED? YES
4. SESSION SPONSOR: **Central Kansas Amateur Radio Club**
5. ADDRESS OF TEST SITE: (Be sure to include building name and room number(s) sufficient to give candidates directions to the site.)
   **Saline County Sheriff’s Office Classroom**
   251 North 10th Street
   Salina, Kansas 67401
6. VE TEAM CONTACT PERSON’s ADDRESS: (This person will receive inquiries and applications
from candidates and non-sensitive supplies from the VEC, and does not have to be an accredited VE. Exam papers will be sent only to the VE Team Liaison, named below.)

NAME: **Sid Ashen-Brenner**

CALL SIGN (if any): **NOOBM**

PHONE: Candidates will call this number for test session information

(785) 823-6560

ADDRESS:

700 South 10th Street
Salina, Kansas 67401-4808

7. VE TEAM LIAISON's MAILING ADDRESS: Same as Contact Person? **YES**

(The VE Team Liaison must be an Accredited Extra class VE if Elements 1, 2, 3 and/or 4 are to be administered at the session. Advanced class VEs are limited to Elements 1, 2 and/or 3. General-class VEs are limited to Elements 1 and/or 2 only.)

NAME: **Sid Ashen-Brenner**

CALL: **NOOBM Extra**

PHONE: day (785) 819-2924

PHONE: night (785) 823-6560

STREET ADDRESS (not a PO Box):

700 South 10th Street
Salina, Kansas 67401-4808

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**SILENT KEYS:**

* Kermit R. Fairbanks - KB0EEF, Onaga, is now a Silent Key. He was an active Ham in the local area Topeka, Holton, Hiawatha etc... Joseph WDØDMV

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We lost Kermit Fairbanks (KB0EEF) He became a 'Silent Key' this morning in downtown Onaga Marcella called and left a message on my recorder. Kermit was 80 years old

Dean Bailey

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**Ha-Ha-Ha-Ha-Ha-Ha**

One day, the father of a very wealthy family took his son on a trip to the country with the express purpose of showing him how poor people live. They spent a couple of days and nights on the farm of what would be considered a very poor family.

On their return from their trip, the father asked his son, "How was the trip?"

"It was great, Dad."

"Did you see how poor people live?" the father asked.

"Oh yeah," said the son.

"So, tell me, what did you learn from the trip?" asked the father.

The son answered:

"I saw that we have one dog and they had four. We have a pool that reaches to the middle of our garden and they have a creek that has no end. We have imported lanterns in our garden and they have the stars at night. Our patio reaches to the front yard and they have the whole horizon. We have a small piece of land to live on and they have fields that go beyond our sight."
We have servants who serve us, but they serve others.
We buy our food, but they grow theirs.
We have walls around our property to protect us, they have friends to protect them."
The boy's father was speechless.
Then his son added, "Thanks Dad for showing me how poor we are."
Isn't perspective a wonderful thing? Makes you wonder what would happen if we all gave
thanks for everything we have, instead of worrying about what we don't have.
Appreciate every single thing you have, especially your friends! Thanks to Jim WØEB for this one.
Let me just add, if U have gud health, UR rich. Orlan

LETTERS TO THE EDITOR:

♦ Hi Orlan, Sure enjoy reading the KAR. Glad to hear you are on the mend. Hope Preston
gets better soon. I'm back to almost 100% from my bout with Bacterial Pneumonia last April.
Still have constant pain from the remaining scar tissue. Always enjoy reading the stuff from
"Electric Apple Juice"!!! When he gets his bench cleared somewhat, he gets my FT-401B to
play with!!!!
TTFN
Bill AA0OM  TU Bill.! Trust things will get better with time.
Orlan: The next time we are in KS we will stop by Barnard on our way to Topeka. Tell KC0BS,
what a call, thanks for me. Sorry I didn't get back with you. I've been working like crazy getting
ready for winter. We lived in Effingham, IL for 7 years and I think I liked the winter weather
better there. I'm getting parts together to build some QRP projects this winter, in our solar
room, so the winter should go fast. I'm also working on an 80-meter antenna from ARRLs wire
antenna book which seems to be an excellent antenna.
I wouldn't have believed retirement would be so busy, but, our house here sat empty for the
7 years we were in IL and needed some updating when we got back. Here's hoping you are
feeling better and not passing out. I almost went to Salina for the hamfest, but just too busy
this year. Probably next year.
Cecil N0CY/7 Isn't ham radio great. We made contact when U were in Ks and we still R fm
Wy.

♦ Orlan, Could you add me to your mailing list for the Amateur Radio newsletter? Also any
chance you could email me the last two editions?
Dave Crawford K0KSI  You bet I certainly will..! Glad to have U on board.
♦ This is a pretty cool video .... I know all your ham list would love to see this HAM video.
Quite awesome ...scary... but awesome!! Select "video" from http://www.hamband.com
website or through access at the website below. This came from another SATERN member.
June KBØWEQ  http://www.tmedlin.com/misc/100k%20video/hamband_100K.wmv

♦ GE Orlan, very good KAR this time. Finally had to time to read through it. A lot of
informative information, as well as humor items. Hope all is going well for you. 73s
JOHN...KA0JMO  TU OM

♦ Hello Orlan this is a good one hope that you are doing better 73 David ki0nn
Need a battery pack for your HT?
I just discovered a website that makes up battery pack inserts that you put into your original battery case. This is a great way to save as much as 60% on the cost of a new battery pack if you are able to open your current pack.

They also sell complete battery packs for most any HT and prices are not bad.

Here is the link: http://www.batteriesamerica.com/

Don, W0DEW TU Don! We belong to the same Jo Co Club.

Have a good weekend, Chuck, KØBOG.

Hi Gang…here is the latest from Bill on Steven's condition. I will be running the net tonight and will bring this up also. Pass this on to everyone you can so that the good news gets out to all. 73’s/jim TU Jim for passing the info to all our readers.

Today is Thursday and he is doing better still. The chest tube has been removed and the IV has been removed as well. We managed to get him up on his feet and gave him a shower too. He is doing much much better than before which is such a blessing. The doctor said we should be able to bring him home on Friday sometime. Still sore from all the cuts and bruises but he is doing a good job of keeping his spirits up and for all the stuff that is happening keeping a positive attitude is really a plus. I will not be returning back to Indy till Friday sometime and I cannot reach the repeater with my HT so I hope the net goes on. Thank you for all your prayers and well wishes.
This has been a very high stress situation for the family and friends and we thank you all for your help.

Bill, Ilona, Jennifer, Steve Schadeberg.

I got a used Globe Chief 90 from BA after I couldn’t seem to make a contact with a home-brewed single tube 6V6. Receiver was a Knight Space Spanner regen, later an S20-R. Roger, same for your weekend too. Chuck k0bog at ARRL. I had a S20-R about 1947. Orlan

Just a note to let you know that I am home from the hospital and healing well. Daughter Susan was here for the first 4 weeks. Patricia here now for 3 weeks. Linda coming after that. I have been able to get out and about a few times. Getting plenty of food, rest and TLC. Will talk to you again soon.
Helen WA6KHD

Orlan: Just a note to let you know I am doing better every day. Do lots of walking with walker
& sometimes by myself around the house. Only use walker outside as of now. Had great report when I had my 6 wk checkup with my surgeon in Wichita. Real pleased on my progress. Still have to wear the brace till I go back in January for 2nd check up. Have had fantastic care with my 3 daughters the past 9 weeks. Then I am on my own. Got out to have lunch with family & friends. Go to grocery shopping & church. Only short trips but am working up to longer ones when I can. Takes time but so glad I had home care & my daughters here to look after me. Hope things are well with you & yours. Blessings to you all, Helen WA6KHD

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Orlan: First want to say a belated Happy Birthday. **Yep, the old speedometer turns 75 the 12th.**

I am so happy to hear from you & hope you keep getting better. I got a softer back brace today & it is such a joy to wear after the hard plastic one I have been wearing since Sept. 19. Had lots of tlc from my 3 daughters. Last one leaves in am & I am on my own. But I am doing great & getting more independent each day. Also have lots of friends & neighbors to call upon if I need them. That's what you get for living in a small town. Take care & thanks for keeping my update on what is going on with you. Bless you. Helen WA6KHD

◆ Hi Orlan, I suspect you have had a chance to read the FCC R & O creating an extra class phone band down to 3600. Although cw would still be allowed on 3610 the way I read it, it would be subject to license priviledges so that only extras would be allowed there. You might want to give some thought to where to locate QKS before these new rules go into effect in 30 days or so.73, Bill WS4Y [http://www.arrl.org/news/stories/2006/10/11/100/?nc=1](http://www.arrl.org/news/stories/2006/10/11/100/?nc=1) TU Bill, I am waiting on the SM to assign the new frequency. It will probably be the same as the Tenth Regional Net, 3590 kHz

Tom’s Key-Stroke

◆ My buddy **Chuck Morlan** (in Overland Park) - **K0CDM**, figured out how to wire an ordinary DPDT "momentary contact" switch for reversing purposes... essentially, the OUTPUT comes off the middle two terminals; the input voltage goes into the terminals on ONE end, and the (+) and (-) that go into one end, are CROSSED then connected to the other end... result?... a DC reversing switch that can handle the directional switching WITHOUT reducing the available CURRENT that's needed to drive the screwdriver motor. He mounted it in a Radio Shack SWR meter (Model 21-533), so that you end up with a reversing switch AND a SWR meter in one box - neat idea.

Imagine the terminals of the switch, as viewed from under the switch (terminal side)

Input (+)------(a) (b)--x (c)
Input (-)------(d) (e)--x (f)
Positive 12vdc goes to (a)
Negative goes to (d)
a wire is connected from (a) to (f)
a wire is connected from (d) to (c)
The reversible OUTPUT comes off of (b) and (e) [*terminals marked with "x"]

A typical switch is manufactured so that when the toggle arm is moved one way, (a) is connected to (b), and (d) is connected to (e)........ move the toggle arm the OTHER way, and (b) is connected to (c), and (e) is connected to (f). Typically, we view a switch as if we'd
connect the INPUT to the middle terminals, but in this case, we connect the OUTPUT to the middle terminals. Beats heck out of the cheap Chinese Tarheel switch!

Tom - WØE AJ

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Tom,
Chuck grew up in my XYLs home town of Republic, Kansas 20 miles from my home town of Belleville. I made the mistake in 1948 of going roller skating there and saying yes when asked to skate in the ladies choice. I went around and around with Anne (Liz) that night and every sense, hi hi. SMALLLLLLLLL world. Orlan w0oyh

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Yeah, Chuck and I were talking about that very thing... how you guys discovered that you knew each other's family folks. He and I met in 1958, shortly after we moved into 8121 w. 71st. We've been best friends since that time, even to going into the Navy at the same time (he got smart, and changed over to the USAF). We also spent a couple of days together on Guam Island, driving around in my Austin-Healey 3000 MK-III, seeing the sights, back in 1968. He is my very dearest and oldest friend. Tom Yah and Chuck only lives a few miles from me.

When you put the antenna-switch article into the KAR, be sure that the "diagram" of the terminals comes out right... otherwise the terminal-to-terminal connections won't make sense to folks. It happened to me, on one "forward" On the way TO K.C. and BACK... I got to try out the ATAS-100 conversion (antenna), and boy, does that thing work! I was working the guys on the 40m Colorado "Hi Noon Net" (1300 local in KC) on 7.240, and everybody could hear me, and I relayed countless folks who could not hear the NCS! I did an "informal" with my old fellow BA employee Dale Clark (WAØCFQ) for a full hour, and finally signed when he dropped to an S-6! On the way back, I worked a couple of guys on 17m, and got good reports from all, so guess I'll keep the critter. Sorry we didn't hook up, but the time was short, and I had to do some 'fixin" around Mom and Jim's (WØKI) house. He still has his Kenwood TS-940S/AT and a trap dipole... also a Mosley Classic, but the doggone rotor doesn't turn, but one way... I think there's a broken wire, so will try to get up there over Thanksgiving. He's offered me the Tri-X crank up tower and beam, but there is that little matter of logistics and 605 miles to think about.

I left an old ICOM IC-230 in the basement with a p/s, so that even though he's NOT supposed to go down there, it'd give him something to listen to, when he DOES. I moved his scope and meter upstairs, so he can occupy the time, but he gave away all the broken VCR's he had, so he has nothing to work on!

Well - best get out of the house... nothing's coming together like it's supposed to, today... so better stoke up the fire. Take good care my friend - Tom U 2 OM

◆ I'll do my best... passed the msg. on to many others as well. Back from "G" land, so trying to adapt to the 8 hour difference..... arghhh! Tom

◆ This came off the "Hallicrafters Reflector", and I thought I'd pass it along... made me chuckle (familiarity).

A little off topic, but I just have to pass this along. The wife, cleaning the house, sweeping and vacuuming the floors, noticed a metal box I had placed there TEMPORARILY, and asked...
me to move it. So I said OK, BTW, do you know what it is?

I should mention, the metal box contains duplexors for the 900 mhz band, and I had placed a magnetic mount 900 mhz antenna atop it making it look very similar to an orbiting satellite. So, she said no, I don't know what it is. So I told her it was an orbiting satellite. Figuring she would be curious and downright amazed about it, her comment, "Well could you please move the orbiting satellite so I can sweep under it". So, I put it in the basement.

◆ This is how seriously they take it in the UK - shall we join them, please?

http://www.viewlondon.co.uk/silence-in-the-square-london_index.html

When I was a boy, I always recall my Father wearing a "Buddy Poppy" around this time. He would tell me stories of the men he’d met who’d served in WW-I, then a couple of his own stories from WW-II, and then he'd get so he couldn't talk anymore. It was many, many years before I understood what went on in his heart and head... now, I follow his example. Won't you all SEEK out a Buddy Poppy... typically, the VFW sells them, along with other Veteran's organizations. Show respect, and recall those who fell in Flanders' Fields. (no replies necessary - just sent to make you think a bit)

Tom

◆ Okay... here's the whole story (with pictures) on using a YAESU ATAS-100 for use with an ICOM IC-706 MKII/G in a 1994 Saturn.

Yahoo! No, not the website... just a great whoop of delight, when all the work I did, paid off. The saga begins with a damaged Yaesu ATAS-100 "screwdriver" antenna. This is the one that is normally used with the Yaesu FT-100D and variants, thereof. The new ATAS antenna is the ATAS-120, and costs more, but it's claimed that it does more... 6 meters, for instance.

I obtained my ATAS at a hamfest for twenty bux. The center pin (where the RF and control voltages go in) was broken off at the inside-bottom of the connector, and the 5/8 x 24 threads (PL-259 & SO-239 thread size) were all buggered up. Barry, my gunsmith friend (makes GREAT muzzle-brakes) grahamenterprises2005@msn.com drilled out the old pin, and produced a press-fit replacement pin that's like new, he also took the lower threaded bushing (that I'd previously removed), and cleaned up the threads with a tap. That completed the repair of the antenna, but we had a ways to go. The ATAS operates with 8vdc and 12vdc inputs, over the coax. 12v makes it go "long", and 8v makes it go "short". I suspect that this method was chosen by Yaesu, not only because it becomes proprietary that way, but it's much less complicated than a micky-mouse polarity reversing switch (such as used by Tarheel and others).

The control box is essentially a pair of 3-pin regulators (7812 and 7808), which are RF bypassed on inputs and outputs, and DC blocked from the antenna by a rather large disc-ceramic capacitor and an RF choke. The initial design came from www.qsl.net/k5lxp/projects/ATAS100/ATASControl.html, but I chose to use a torodial RF choke, as it had a larger inductance, thus more reactance at HF frequencies (that 706 MK-II/G is expensive! - I wanted to keep the DC voltage OUT OF IT and the RF out of the box!) I also left out the remote components; the control box is in a die-cast metal case, with machined aluminum covers - thank you, Barry Graham (gunsmith & good machinist), and in it's final configuration, it sits right next to my control console in the '94 Saturn coupe that it works in.

The control box also has a KEYING switch, which keys the IC-706 (any generation) in 10w
CW mode for sampling the SWR. The other switch is very simply... an UP / DOWN switch -
one position applies 8vdc, the other position supplies 12vdc. (You get the voltage from the
IC-706). The "keying" switch is useful for "final touch" tuning, after you've peaked the NOISE
in the receiver with the UP/DOWN switch! That will get you right in the ball park!
I also chose to replace the OEM whip, as it's a bit shortl, and being the same outside-
diameter from bottom to top, bends back quite a bit, in wind - PLUS... the ATAS becomes
very inductively reactive on 40m settings. We measured the bottom O.D. of a whip from a
Larson 5/8 wave 2m antenna, and drilled out the top hole for a tight fit. Now I have a whip
which is 14 inches longer - AND - it's far less reactive on 40 meters (max extension of the coil
windings). As a side-bonus, because it's a larger diameter from the antenna to beyond half-
way up the whip, it has much less bend at 70-75 mph (and less). \textit{NOTE: Bending changes
the tuning of the antenna, you know... If you're tuning the antenna, and you're going to be
MOVING - tune the antenna when you're at your cruising speed!}
Now, for the mount. Yaesu DOES NOT supply a mount with this antenna.
Yeah, I had the same reaction. Diamond and a couple other makers produce a splendid
mount for the ATAS antenna, but whew! A HUNDRED BUX for a mount? Gimme' a break,
folks. Besides, in my case, it was going on a 1994 Saturn and as you may or may not know,
only the hood, roof, and trunk lid (bonnet, roof, and boot for those of you who are English)
are steel - the remainder of the car, aside from the monocoque, is all plastic. I had a
previously made mount for the Hustler mast, which bolted to the sub-frame, and extended
just past the rear bumper, so I figured I'd use something, attached to that. Thus - because I
had very little ground plane ON TOP of the car, I was unable to use either of the two factory
mounts that ASSOCIATED RADIO, H.R.O., A.E.S., & BURGHART sells. My machinist friend
Barry, to the rescue (again). He machined a BEAUTIFUL mount, which was internally
threaded for a LONG SO-239 double female connector (with a lock-nut), and the bottom was
turned down for a tight press-fit into a piece of 3/4" copper plumbing pipe, which then went
into a "wall fitting", which is a 90 degree solderable fitting that's smooth inside one end and
threaded on the other. The beauty of it, is that it has two brass ears on either side, for
mounting on my existing antenna mount bracket. The ATAS antenna base screws over the
5/8 x 24 threaded double-female, which is now stuck inside the top of the 3/4" pipe, and due
to Barry's expert machining, it's a perfect and level fit, which is almost waterproof. \textit{[one can machine a groove into the mounting surface to accept an "O" ring]} We did have to take the
sleeve from a PL-259 and machine off the "knurling", so it would fit up inside the mount, after
being tightened onto one end of the double-female SO-239, which was then threaded up into
the mount, and secured by the lock nut.
After hooking the whole thing up, it'll produce a maximum of 1.4:1 SWR on 7.0475 (W1AW
code practice), and will actually go below 40m (using an MFJ-259 of course!). The top end
will actually work on 6m, but it's pretty reactive at that frequency. It's "FLAT" from the middle
of 40m, all the way up through 10m, and for SWL listening (I love to listen to the military
GCCS stuff), it'll tune to ANY frequency from about 6.55 mHz to about 35 mHz... hang a long
piece of wire on the end of the whip (when you're in the woods, or by the lake), and it'll tune
clear down through 160m!
\textit{What you end up with is: A remotely adjustable antenna which is SMALLER in physical size
AND wind loading, than a conventional screwdriver antenna, and one which will work with
the ICOM radios (you could modify it for just about any radio, I suspect). It also draws NO
POWER after it's tuned. Basically, it's a center-loaded vertical antenna, which the Hustler}
lovers will tell you works the best. Have fun, and enjoy... sorry, the price of a NEW ATAS-120 is around $300.00 ...... whew!

Good DX
Tom - WØEAJ
Denver, Colorado I will FWD photos to anyone who wants them. w0oyh@arrl.net

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