



Radio Watch

MIDWEST AMATEUR RADIO SERVICE

THE ALL DAY,
EVERY DAY NET . . .

WHERE THE ACTION IS!!

7258 KHZ +/- DAILY



WB9DWW

JUNE 1972

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World traveler, guest of royalty, ham operator speaks at Rotary

SUBMITTED BY WA8VCH

Darleen Souigny — a visiting "ham" radio operator — took time in her travels Monday to discuss a recent world-wide trip during which she spent six days at King Hussein's palace in Jordan.

Mrs. Souigny so spoke at the Battle Creek Rotary Club's luncheon meeting at the Hart Motor Inn.

The main topic, however, of Mrs. Souigny's talk was her experiences with nationwide ham radio operators during a recent 10-month tour which covered some 40,000 miles and 32 countries.

CONTINUED NEXT PAGE.....



MRS. DARLEEN SOULIGNY, WOMAN OF 'FIRSTS'

4

Mrs. Souigny, 38, first became acquainted with local ham operators Charles E. Dewey Jr., of 49 Lynwood Drive, and Ray McClure, of 120 Collier Ave., who worked distant lands "hamming", when her husband, Gene, a former senior law enforcement official under Gov. Ronald Reagan of California, answered their exploratory calls from Tonga Island in the South Pacific.

Shortly afterwards, Gene died of a heart attack and Mrs. Souigny was advised by Dewey to go ahead, get her regular license and stick to hamming to occupy her time.

And stick to it she did.

Since her husband's death, she has set up contacts throughout the western world and has proceeded to visit numerous overseas friends.

Thanks to her Tonga ham radio operation, which came about when she and her husband visited the island to correspond with other distant ham operators, Mrs. Souigny was able to get in touch with licensed ham operators in such widely separated areas as Jordan, Kenya, Austria, Italy and Switzerland, to name a few, to set up trips that would take her to parts of the world she had only heard about or spoken to over her radio connections.

Her ten-month trip began after a short visit to the islands of Fiji, Tonga, and New Zealand. From there she started on her way East as her first stop was Melbourne, Australia. Then, after a short stint in Perth, Australia, she journeyed to Africa.

Miss Souigny, who uses the code call WA6FSC during her broadcasts, became the first woman ham operator to broadcast at the island of Rodrigues, just off the southeast coast of Africa. Fort Mathurin, the major city in Rodrigues, offered such away-from-home conveniences as Ban deodorant and other American cosmetic goods. The Island of Mauritius welcomed her next as she spent many hours working with the broadcasting facilities there.

Pausing only to chat with her ham radio friends and take color slides of such regions as Kenya, Uganda and Tenerife, Mrs. Souigny was on her way north to her most memorable destination on her charted course — East Jordan. It was here that she met, and eventually became a guest of King Hussein of Jordan, who is himself an avid ham radio fan.

"Some of the warmest people I've ever met welcomed me to Jordan," commented Mrs. Souigny, who later singled out Jordan as her most interesting foreign visit.

"King Hussein is under constant pressure," she continued as she spoke of Jordan's intense political life.

The king proved a most hospitable host as Mrs. Souigny stayed at the King's royal palace six of her 11 days while in Jordan.

While in Jordan, she was introduced to the king's wife, Princess Lilly, and the royal family's four children.

Continuing on her way through Africa and surrounding countries, her next stop was Rome where she made broadcasts from the Vatican. She also became the first woman to

operate from a ham radio device there.

From Italy she visited Sweden, Finland, Norway, Iceland and England. And before returning to the U.S. her trip took her through Germany, Holland, Austria and Switzerland.

"I'd like to go back and visit Iceland one more time," she reported, as she singled out Iceland and Jordan as the two places she'd someday like to see again.

Red China and Taiwan are other untouched countries she would like to explore the next time she sets out for Europe.

Mrs. Souligny will be staying with the Dewey family here until Wednesday afternoon when she plans to leave for Sarnia, Ont.

Mrs. Souligny was also the featured speaker at Monday night's Annual Area Ham Radio Christmas banquet held at the Countryside Inn.



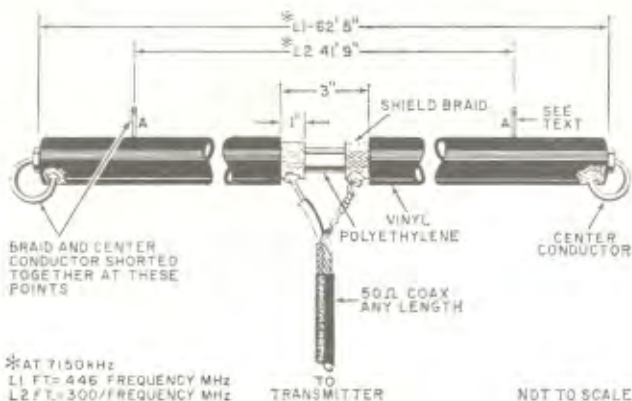
OM

WABETY

"...THEN AFTER I PUT A NEW SIGNAL/ONE ON CREDIT, I ORDERED THE NEW 100 FT. CRANK DOWN, FOLD OVER TOWER WITH STACKED ARRAY FOR 10, 15, 20 METERS. THEN!..."



SHOP TALK



Homebrew dipole made of coax has a standing wave ratio very close to 1:1 over the entire 40-meter band. Large effective diameter helps to broaden the antenna's frequency response.

POPULAR ELECTRONICS

The Coaxial Dipole Antenna. Bill Caldwell, W9ALM, Kokomo, Ind., extols the virtues of a new idea in a coaxial dipole antenna. Bill (and others) claim that it has a wider frequency loading capability than a conventional dipole, radiates just as well, and produces a close match to a 50-ohm transmission line. Bill says, for example, that the standing wave ratio (SWR) of the coaxial dipole sketched in Fig. 1 is very close to 1:1 over the entire 40-meter band.

If you would like to try this antenna, cut a piece of RG-8/U coaxial cable to the overall length shown. Remove about three inches of the vinyl covering at the center of the cable. Cut out an inch of the exposed outer braid at the exact center. Connect the inner conductor of the 50-ohm coaxial feedline to one side of the split braid, and connect the shield of the feedline to the other side. Wrap the connections firmly with plastic tape to waterproof the assembly and keep the weight of the feedline off of the connections. (Note that the center conductor of the radiator is not broken or connected to the feedline.) However, connect the inner conductor and the shield braid together at each end of the radiator. Tape these connections for weatherproofing.

For broadest frequency coverage, short the outer braid and the inner conductor of the radiator together at the "A" points in the sketch; however, the antenna will work well over a slightly reduced frequency range without these shorts. Alternatively, the coaxial cable can be cut to the shorter length and extended to the required length with

number 12 wire at each end. This coaxial dipole is a variation of the folded dipole. By varying the ratio of the diameters of its conductors, the center impedance of a folded dipole can be varied over a wide range. It happens that the ratio between the inner and outer conductors of conventional, polyethylene insulated, 50-ohm coaxial-cable folded dipole effects a good match to a 50-ohm transmission line. Also, the large effective diameter of the antenna (actually the braid) helps to broaden its frequency response. The large diameter also decreases the physical length of the antenna.

W
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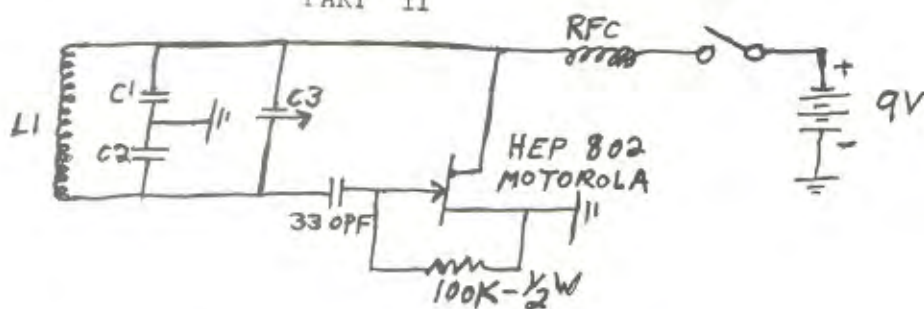


What's New IN ELECTRONICS



- METAL LOCATOR -

PART II



- PARTS LIST -

- C1 - C2 - 430pf Silver Mica
- C3 - 360 to 1000 pf (miller #160A)
- L1 - Search coil - Approx 20 feet #20 plastic coated hook up wire
- 1 - 9" FRISBEE
- 1 - SPST minature switch

Construction details next month



SCOTT MANN

(HARMONIC OF W8NXD) IS
SHOWING US HOW TO OPERATE
THE LOCATER, FROM THE LOOK
I THINK HE FOUND SOMETHING.

73

JOE



Call
Our Hot Line

7258khz

STOLEN: From motel in Kansas City, Kansas June 4TH Variotronics IC-2F with mike. Call WØFWY and Social Security number (515-05-9029) engraved on back of chassis and microphone. VINTON G JOHNSON- WØFWY P.O.BOX 151 Farmington, Missouri 63640

WB8CCT IS BACK HOME FROM A SHORT STAY IN THE HOSPITAL. GEORGE SAYS THE OLD TICKER IS STILL RUNNING A-OK AND HE JUST CELEBRATED HIS 50TH WEDDING ANNIVERSARY THE FIRST WEEK OF JUNE.

MISS AMERICA

Here she is, Miss America, The future's queen of beauty is the very lovely

ALEN TERESA HAVLICEK

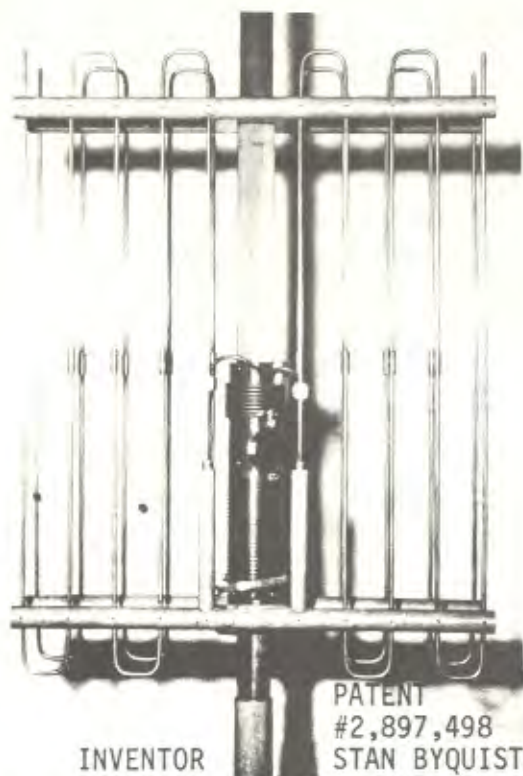
daughter of the very proud and happy parents, Mr & Mrs Donald J Havlicek, W8QHW, Ansonia, Ohio Both parents were present at the ceremonies in Wayne Memorial Hospital, Greenville, Ohio on Tues. May 23, 1972 at 7:16PM

Here's new convenience in a rugged, all stainless mobile antenna gutter mount. The unit installs quickly with only a screw driver. is self-grounding and no holes are required in the auto body. Surprising signal results are received using a small spring and resonator only mounted on the 3/8-24 stud - no mast section is required. Also, it is easy to reach out the window and pull down the antenna for garages and other obstructions.

Add a small protective strip under the clamp screws and the bracket becomes a very strong trunk lid mount! When used with small transceivers (cigarette lighter plug-in) you can be mobilizing in any car or truck in a very few minutes.

Priced at \$7.95, it is available from Rejsa Engineering Co., 7622 Plymouth Ave. N., Minneapolis, MN 55427. (Spring, resonator and coax not included.)





INVENTOR

PATENT
#2,897,498
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COIL TUNED BY TAP CONTACTOR OR SLIDER ARRANGEMENT. TAP FROM BOTTOM OF COIL TO SHORT OUT TURNS. TAKES CARE OF "DEAD-END EFFECT"

(x) INSULATORS PVC OR GOOD INSULATING MATERIAL OR END RODS AT APPROX. 7" FROM BASE ELEMENT.

PERFORMANCE:
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MATCHES 52 OHM THROUGH Z MATCHER (TRI-CORE BALUN)***

MATCHES 52 OHM COAX, WITH OR WITHOUT Z MATCH AT RESONANT FREQUENCY. Z MATCHER SUGGESTED AS TUNE UP EASE. SILVER PLATED 3/16" BRASS ROD. PVC INSULATED AT ALL POINTS OF RF POTENTIAL.



BIFILAR LOAD SPLITTER & IMP MATCHER TOP OPEN ENDS TO ELEMENTS OF FRONT GRILL RADIATOR. BOTTOM END TO TOP OF LOAD COIL.

VERTICAL ELEMENTS

7 MHZ 2" SPACING

K8VRM 73

"LITTLE GIANT"

LITTLE GIANT ANTENNA LABS

Vaughnsville, Ohio 45893



from the pen of



All Midcars Members need reminding that we all knew when entering into this monitoring service near 58, that it's primary function was to let mobiles have the opportunity that fixed stations take for granted.

Now it appears that the Hard Headed Amateurs have forgotten that we are looking to help the mobiles.

The DISCOURTESY that amateurs of all types are displaying on the bands is driving the Hobby the wrong way.

We all must learn one main fact. that is to live together knowing that we all have differences and that these differences must be understood, so that in the long run every hobbyist should have an opportunity to express oneself, and yet be understood without feeling unjust oppressions.

Individualism and Flexibility make all things possible, then change can take place.

Ramon K. Wilson K9GPM
25W013 Lacey Avenue
Naperville, Illinois 60540
President MWARS - 1972 -

Summer Duldrums, Ever get that way? What should I do today that I needed to do yesterday but put off because I can always do it tomorrow and the wife isn't really hopping on me about it yet, so the Heck with it, besides it might rain anyway.

I had a productive talk with Wayne Green at the Dayton Hamvention about using 220 before we lose that band to CB like 11 meters. I noticed quite a few companies are coming out with gear for 220FM and 440FM. If the current trend to FM goes as it is now 220 and 440 will become active all across the U.S. Waynes slogan 220 USE IT OR LOSE IT is the now thing to do.

Repeater access to lower frequencies was also a major topic for discussion. With the CARS groups on 40 an natural outlet would mainly be acces to 40 from a two meter repeater or similar facility for emergeny communications. The Cars are a service voluntarily for the Publics well being, and by having acces from a crystal controlled 40 meter rig would indeed boost the CARS emergency handling capabilities not to mention extend the range of the 2 meter mobile.

When fall finally wings its way back to us, the WATCH will be on it regular schedule again.

Don't forget the Muskegon Picnic on August 27TH at Pioneer Park. Time 12 Noon to 5PM. We have had over 50 at the last two. Shhh... its also my xyls birthday....I think we can suprise her with a picnic birthday party.

73



Ronn Mann W8NXD
1646 Leahy St
Muskegon, MI 49442

Radio amateur sends an SOS

To the Editor: As an Advanced Class licensed radio amateur (K8QLM), I ask for help in defeating a proposal which is most distressing to those of us so licensed.

The matter in question concerns our "call letter" license plates for our automobiles — issued on special order to those of us properly licensed.

In years past the state of Michigan has issued such plates to licensed radio amateurs for an additional fee of \$2. This amount was combined with the fee for ordinary license plates. There is now a bill which proposes increasing the fee for such plates to the amount of \$25. This is in addition to the regular fee, which means radio amateurs in Michigan who drive an "average" automobile would be paying about \$45 each year for their license plates.

Neither the writer nor any of his radio amateur friends (now numbering over 11,000 in Michigan) have any kind words for either this bill or its author.

In view of the long record of valuable public service radio amateurs have established over the years, it is felt that the proposal contained in this bill is unjustified.

RICHARD C. BREGE

From Detroit News
Submitted by WA8ETY

Dear fellow members:

I would like to express to all members and non members, my deepest THANKS for the many wonderful cards and flowers sent to my XYL while she was in the hospital. She was home a short time and had to return again, for how long we don't know.

I want you to know we really appreciate the flowers, cards and prayers from all of you.

I would like to Thank each one personally when I have the opportunity to see you.

Thanks & 73's
Jonesy W8MZS

Who was service control on 5-14-72 who; following a pile up of checkins said "I'll stand by once more for fixed stations with traffic and Gentlemen, Please, lets see who can be LAST with their call! Ernie WA00QF

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of ham radio**
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WB6AUH-VK9AM



NEW Literature

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It includes the basic knowledge of communications law required to pass Elements 1&2 and etc, up to Element 9 for Broadcast and Radar Endorsements

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KUSTOM KREATIONS - WA9PSA

RR 1 BOX 153

THOMSON, ILL 61285

REFLECTED
AND
DIRECTED



Dear Ron;

Just got my May Radio Watch. What gives? Perhaps my cross town move delayed it. Anyway please note the new address. I am looking for a DX-100 or other transmitter suitable for use on RTTY/FSK. Also looking for a good general coverage receiver and any gear for Novices on xmit or receive.

We just graduated a gaggle of them here in Iowa City, but all are with out wings so far.

Anyone interested in some 2 Meter FM gear? New HR-2A's at 199.95 in full warranty - demo - model with tone included. Also have some Hygain VHF and HF antennas, also mobile. SASE gets full details.

Well that's all for now. Never seem to get on 40M now that I am setting up for Oscar when he goes up late July or August. I will be running a Seneca to 2- 8 element beams, right hand circular polarization and 10 M quad.

73

Douglas Shaw WAØEMX
717 Keokuk Court
Iowa City, Iowa
52240 MWARS #184

Dear Ron;

I ran across the following thought for the day, which may be applicable to a few Midcars controllers.

WHEN YOU ARE UP TO YOUR NAVEL IN ALLIGATORS
IT IS DIFFICULT TO REMEMBER THAT THE ORIG-
INAL OBJECTIVE WAS TO DRAIN THE SWAMP!

73

Ray Anderson
W9HGJ



Marketplace

From the desk of - BRUCE FREDERICKSON
April 12, 1972
Dear Ronn,

1118 No 8th Street
Springfield
Illinois 62702

A few suggestions to those who have a rig in their car. When you leave it for any period of time remove the antenna and either cover the rig or preferably remove it also to the trunk. That antenna is about ten feet of advertizement for a break-in!

I've learned my lesson. I just returned from the body shop with a \$ 92 estimate for repairs to my car. The damage occurred when I left car and rig and antenna in the parking lot of Disney World - for eight hours.

Even if you remove the rig and antenna you should replace the door locks with "theft-proof" levers which can't be flipped up with a coat-hanger-loop (these special levers have no knob on the top which can be caught with a wire loop). A decal warning of a burgler alarm (whether one is installed or not) may also help deter anyone with designs on your rig. The damage to my car was limited to the left front door - primarily to the wing window and inside door-trim. From the looks of that door someone went to a lot of trouble but did not gain entry. If you want to remain mobile, think about it next time you leave that car unattended. Don't advertize.

73's

Bruce WAØCAE/9

MIDWEST AMATEUR RADIO SERVICE

1857 NORFOLK AVE
WESTCHESTER, ILLINOIS 60153
BILL BATSON W9YGF SECRETARY



FIRST CLASS

140 WA9VLK
VERN WEISS
719 W WATER ST
KANKAKEE ILLINOIS
60901

