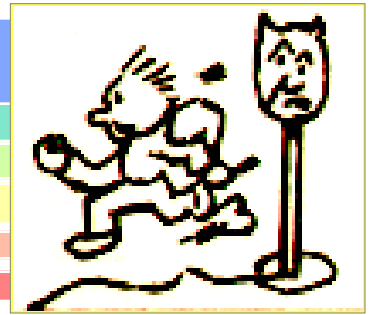




Mike Shy

Official Publication of
Society Radio Operators



Volume 68 Number 2-3-4 February-March-April 2008

SRO Spring Auction - Edgebrook Field House - Mar 12th

Upcoming Events

CFMC Regular meeting at
the Oriol Park Library - Mar
19, Apr 16 and May 21 at
7454 W Balmoral in Chicago
Meeting starts at 7:30 PM.

SRO Regular Meeting - May
8 - Salvation Army -
Norridge

DeKalb Hamfest - May 4
Sandwich Fairgrounds in
Sandwich IL

Edgebrook Field House Update

The Edgebrook Field House
remodeling is continuing. The
roof replacement is about 7/8
complete. The main room and
the kitchen area are being
completely redone with new
drywall. Completion of the
project has not been set. As a
result, SRO meetings will be
held at the Salavation Army in
Norridge.

Here is a chance to experience an
exciting SRO Spring Auction. The
business meeting starting at 7:30
PM will be very short and the
auction will commence right away.
Bring stuff that you have not used -
someone probably will want it all
for their very own. There should be
a lot of good stuff to bid on and
bargains to boot!

Bring a friend and talk it up on the
air. As in the past, the SRO cut of
the action is 10% up to a
maximum of \$5.00. I
hope see many of you
there.





Meeting Minutes

by Jim AA9DT

Mike Shy



Mike's AIM-54 Phoenix Missile

SRO Notes for January 10, 2008, or an Epistle About Missiles

By Jim Hawes, AA9DT

JANUARY MEETING. Cue opening theme! Fade up titles and music! Take 1! Our meeting starts at 8:07. Tonight, we are six: Ken Osmond, Hugh Beaumont, Tony Dow, Barbara Billingsley, and Jerry Mathers as the Beaver. Oops. That's the 1957 cast of *Leave It To Beaver*. I meant to say Paul, Steve, Mike, Mike, Jean, and Jim. Gee Mrs. Cleaver, what a nice dress!

TONIGHT'S PROGRAM. Mike Brost WA9FTS presents his DVD about the equipment that he's used in recent foxhunts. As you know, Mike's considerably upgraded his ham equipment. His system removes the bias in favor of the fox. This system at last places the emphasis on the hunt! Mike's named his new vehicle the Tomcat. The car's twin engines develop 20,900 pounds of thrust. Mike tops off his tank with a can of aeronautic naphtha-kerosene. From inside the cockpit, Mike can deploy various solutions: Handy, AIM-7 Sparrow and AIM-9 Sidewinder missiles assure an excellent chance of winning the hunt. The Sparrow is a radar-guided solution. The versatile Sidewinder is a heat-seeker. Moments after Mike spots a bogie on his scope, the fox is greasy vapor. When Mike lands, he'll add another chit outside his windscreen. Hmm. How many for that ARRL ace designation, Mike?

But Mike's just warming up. His weapons-control system can simultaneously track 24 targets. Ah, and that's only the beginning. While tracking bogies, Mike can attack six with Phoenix AIM-54A missiles. The Phoenix is a long-range, air-to-air solution. Despite heavy jamming from the fox, the Phoenix nearly always reaches the target. When Mike runs out of missiles, he switches to his 20 mm Vulcan Gatling gun. Hey, fox! Here's pepper on your tail! Tat—tat—tat—Kaboom-ba.

CALL FOR VOLUNTEERS! When the snow clears, you might have noticed those new holes in the tarmac. Here in Skokie, Dempster Street is a mess. And don't forget those winter shocks you get from just crossing the rug. An everyday static shock can easily measure 30 kV! No wonder the shock smarts so much. Actually, these winter inconveniences are closely related. As you might know, inside semiconductors, both electrons and holes carry charges. Yet electrons and holes that escape semiconductors can wreak havoc.

Mike Leibovitz WA9EVF is staffing a volunteer project to recycle charge carriers from surplus electronic equipment. Without a thorough reclamation effort, electronics in landfills could emit trillions of carriers into the natural environment. Don't forget those potholes and 30 kV shocks. This winter, we've all suffered ill effects from loose carriers. Unfortunately, these effects might only be the beginning. Charge carriers from BJT devices have two sexes, PNP and NPN. Although these carriers normally travel in opposite directions, they tend to attract one another, match up and propagate. From then on, we can expect their route to be circuitous. If released in sufficient numbers, errant charge carriers can create significant natural or hole currents.

In *VA Day in the Life*, even The Beatles commented on this phenomenon: "Now they know how many holes it takes to fill the Albert Hall." That was 1967, and most of the holes in those days were germanium holes. Today, of course, silicon holes predominate. Silicon is so common that holes are opening all over.

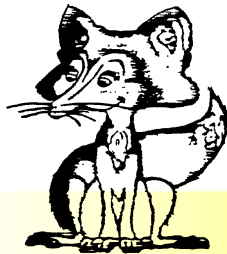
One of Mike's challenges is that technicians and engineers disagree about the direction that carriers travel. Some say that carriers travel from collector to emitter. Others insist that the direction is from emitter to collector. Carriers might be difficult to identify. As in the general society, some carriers are minorities. Carriers can also be hotheaded. Take care to avoid thermal runaways. Apparently some carriers have football experience, but they might not play fair. Watch out for clipping. Mike intends to start at our base. There, he and his team will invoke the Franklin Model and raise SRO kites. To trace leads, other teams will use carrier pigeons. Please volunteer today! Help Mike to capture the charge carriers! Since this is a matter of currency, Mike accepts contributions. You may contribute US dollars, equities, wills, bequests and precious minerals.

Birthdays

For the months of Mar - May

WA9AEK	Mar 10	K9GDI	May 13
W9BEA	Mar 28	WA9INF	Apr 2
KC9BLH	May 22	K9JQ	Apr 17
WA9EMV	Mar 9	KB9SXA	Mar 18
WA9EVF	Mar 14	K9YSE	May 10

Foxhunt Report



Mike Shy

February 2nd, 2008
CFAR 2M Foxhunt

by Mike WA9FTS

The weather was just below freezing with no wind. Five hunters waited for the release which was at 8:15. Paul N9LXF and I hid in my minivan at the end of a road that was, we found out later, on airport property. To get to us, the hunters need to take River Rd to Balmoral and west and south to a road that went west for several hundred feet; then north for a quarter mile and a parking lot. There was a gate that only allowed tankers to go through to get fueled for the aircraft at O'Hare. We kept the heater on to keep comfortable and wait for the hunters. Tony AA9CC arrived at 8:38 for the win - his third in a row (CFMC & 34 before). Seven min later Charlie KB9DIM and Alexis arrive for 2nd. Tom N9CBA was 4 min later for 3rd. Greg N9SA and Don W9RA chose not to go in. A sign at a T-intersection was interpreted in different ways. We met at Chili's on Mannheim south of Touhy.

CFAR Foxhunt Information

1st Saturday of each month - start at 8PM
Sears Parking lot in Elmhurst on Rt 83 north of
St. Charles Rd
Fox transmits during the hunt on 147.75 MHz

Meeting Attendance



**January 10th
at the Salvation Army**

Mike WA9EVF
Jean KB9FXL
Jim AA9DT

Mike WA9FTS
Steve K9VO
Paul N9LXF

First Saturday Foxhunt Report March 2008

by Tony AA9CC

Not allowing enough time, due to other priorities, I was scrambling to hide at 7:30. The spot I had picked out on my bike ride that morning was a walk up, so instead I chose the spot that wasn't so good. Upon arriving at the Road Safety company I ask two workers walking into a building if I could park there for an hour, they said no problem. I kick a slow hill way and was able to park behind some mobile traffic sign trailers, thinking the hunters would drive in. The spot was off the south frontage road along I55. Last year they removed much of the frontage roads in the area and blocked them. They are still shown on the map though. The entrance to the dead end was a mile to the west, which no one found. They all walked in, 4 from the east around the drainage pond and Greg from the west. I saw Tom drive along the far side of the pond and left. Mike and Paul showed up a minute later and parked. When I transmitted he left. Then Charlie parked there and got out on foot. I figured he would go back, since it was a far walk and not the most direct route to me. 10 minutes later, he clamored over the snow hill, 20 feet behind me and slipped and fell down. He got up and fell again. I got out of the car to see if he was ok, he was and out of breath, thinking Tom was about to drive up and score. Mike and Paul were second, parking near Charlie's Jeep. When they got to me Mike was yelling and cussing at Paul for driving away and Paul yelling back "it was only a 5" on the scale. They may have parked in a pattern null. I asked them if they always yell at each other and yes they do. Tom walked in for third and Don about the same time. Greg finished the hunt around 9:50. Signal was strong at the start with 50 watts to the foxhunting beams. Munchies were found at Bakers Square in Bolingbrook. Don gave us an interesting history on the M-16 and a show and tell with casings, powder and shells.

Results:

- 1 KB9DIM and Alexis
- 2 WA9FTS and N9LXF
- 3 N9CBA
- 4 W9RA
- 5 N9SA



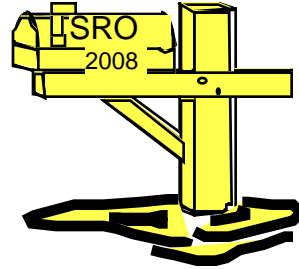
Treasurer's Report

by Mike WA9FTS

SRO Dues & CFAR Contributions

Many of the SRO members and CFAR contributors have sent in their checks. If you are not one of them, please send it in. Reminders cost SRO 41¢ each so help save the club by sending in your dues/contributions early.

Start 1/1/08	\$975.21
Receipts	\$762.00
Membership Dues	\$470.00
CFAR Contribution	\$285.00
Hamfest Inc	\$7.00
Disbursements	\$5.00
Annual Report	\$5.00
End 3/12/08	\$1732.21



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Mike Brost - WA9FTS

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Don Moriarty - W9RA
Jon Tammen - K9IQF

Mike Shy Staff

Editor/Circ. Mgr.
Mike Brost - WA9FTS
E-Mail:
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708.457.0966 Voice

Regular Meeting Place

For the rest of the year SRO will meet at the Salvation Army Norridge Citadel, 8354 W Foster, Norridge IL 60706 in July, September and November second THURSDAY at 8 PM **unless other-wise indicated in Mike Shy.**

Standing Committees

Membership - K9JQ
Program - Open
Meeting Refresh. - AA9DT
Foxhunting - WA9FTS
Repeater - K9IQF
Field Day - Open
Education - WA9EVF
Mike Shy - WA9FTS
Picnic - WA9FTS
Dinner/Play - Open for 2008
Christmas / Hanukkah Party - WA9EVF

SRO Repeaters

	In	Out
CFAR (107.2) PL	147.75	147.15
TOOFAR	223.26	224.86

Repeater Personnel

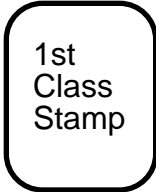
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K9IQF, W9RA & W9BEA
Control Operators
K9IQF, TBD
NW Maintenance
WA9FPT
Northeast Maintenance
K9IQF & TBD
Lisle Maintenance
WA9AEK

W9EJ Exp Date May 2008

**Mike Shy is published monthly by the Society Radio Operators.
Deadline is 2 weeks before the meeting.
Contributions are welcome & should be sent to the Editor.**

Mike Shy

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Spring Auction

March 12th
Edgebrook Field House

First Class Mail

