

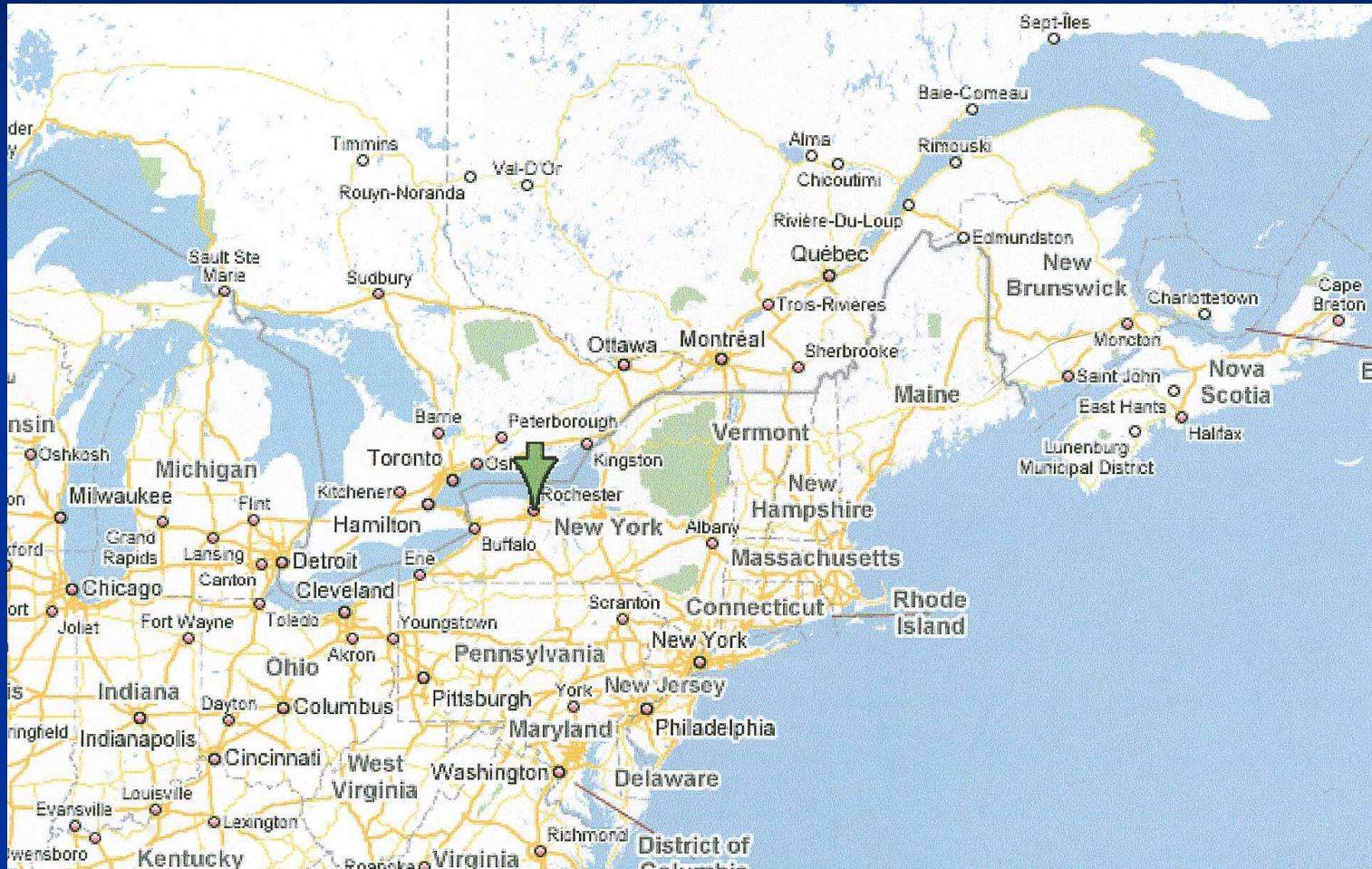
Ham Radio in Rochester, NY



By Alan J. Masson, GM3PSP / K6PSP

Lothians Radio Society, 7th October, 2009

Rochester, NY



300 miles NW from New York City !

Rochester Hams and Clubs

- Area population ~ 1 million
- Ham population ~ 3200
- **RARA – Rochester Amateur Radio Association**
- **RDXA – Rochester DX Association**
- RRRA – Rochester Radio Repeater Association
- **RVHFG – Rochester VHF Group**
- **Kodak Office & Kodak Park Radio Clubs**
- Xerox Amateur Radio Society
- RIT – Rochester Inst. of Technology Radio Club

Rochester Area Radio Activities

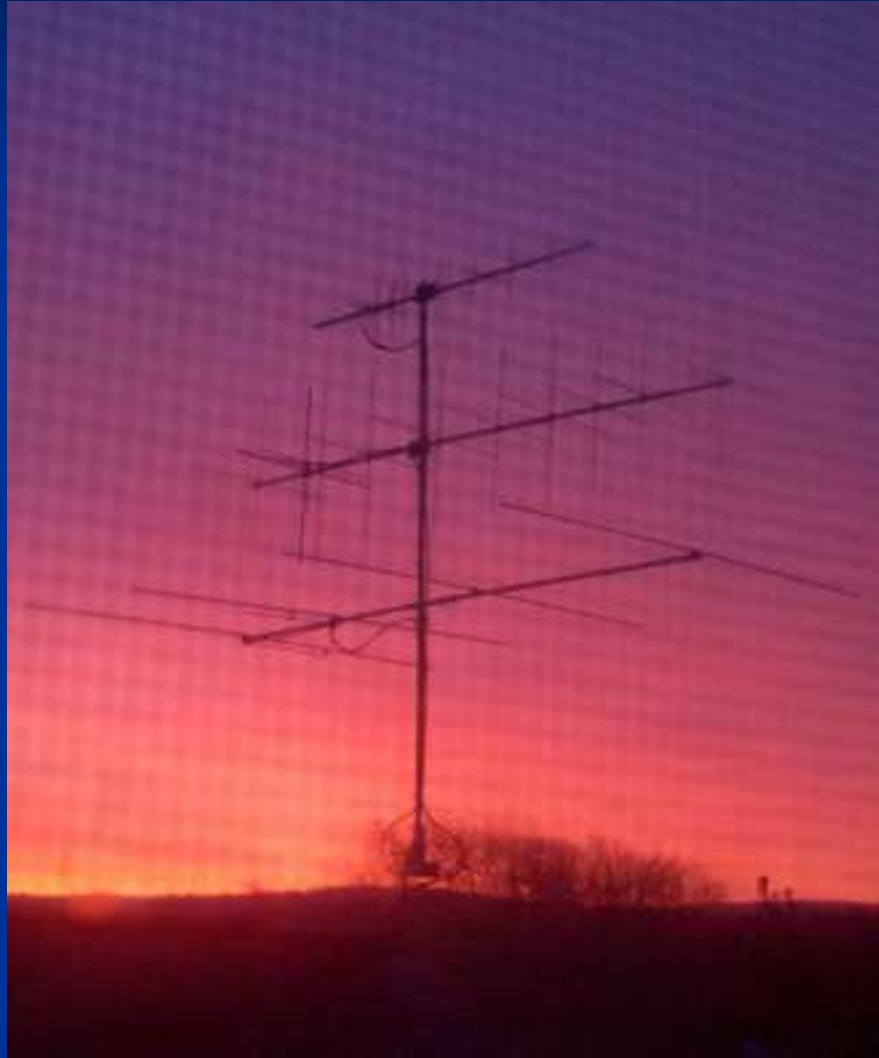
- **ARES / RACES public service groups**
 - (like RAYNET)
- **AWA – Antique Wireless Association & museum**
- **Rochester Hamfest and other hamfests in area**
- **Rochester amateur radio repeaters**
- **Rochester Museum & Science Center**

K6PSP Shack



- Kenwood TS-850-SAT
- Kenwood TS-2000X
- MFJ-989C ATU
- Heathkit SB-1000 linear
- HF Rhombic NE-SW
- Cushcraft R-7000 vertical
- 6m 4-ele yagi
- 2m & 70 cm 10-ele X-yagis

K6PSP VHF-UHF Beams



January 2008 after a gale

Callsign License Plates



RARA – Rochester Amateur Radio Association



- Founded 1930
- Over 500 members
- Parent club to most others in Rochester area
- Monthly meetings
- RARA "Rag" newsletter
- Rochester Hamfest
- Public Services
 - ARES – RACES
- License classes & exams

RARA Monthly Meetings



RARA Meeting Topics 2007-8


- Sep – QRP Night - lecture and “show & tell”
- Oct – Radio Club Round-up (all local clubs)
- Nov – Annual RARA Auction (Ed K2MP & Dick KG2I)
- Dec – The Lore of Vintage Communications Receivers
- Jan – Remote operation via RF, Internet & PC
- Feb – Antennas on a Suburban Lot (Raj K2RD)
- Mar – History of WHAM radio broadcast station (1922)
- Apr – The St Brandon Is. DXpedition 3B7C

RARA Annual Auction



Bob Hobday N2EVG and Ed Gable K2MP

RARA "Rag" Newsletter



the **RARA RAG**
Published by
ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL. 60 MARCH, 2008 NO. 7

Slam, Bam! Thank you, WHAM!
By Frank Schramm, WB2PYD
Vice-President, RARA

Anyone and everyone who has ever been in the Rochester area during a severe weather event, wide spread utility failure, or other such situation affecting you and yours, has tuned into WHAM to find out what's going on. There have always been alternate sources for gleaning the news, but WHAM has always been known as the definitive source that can be heard anywhere! Back in the late 1970's I had a stereo that received their signal loud and clear. While it was powered off!

We are fortunate to have this resource, accessible twenty-four seven, as a beacon of information, news and entertainment. Not to mention low band receiver dial calibration. It is very historical being the first such resource in the Rochester area. We're going to visit the history of WHAM: From a humble start-up in 1922 that only lasted a few months, to the giant clear channel station of today. Our tour guide, the ever-popular Ed Gable, K2MP, will take us on a stroll down memory lane via photographic essay. We will trace the early history of this grand old station using some of the over one-thousand historical photos housed at the AWA Museum Library.

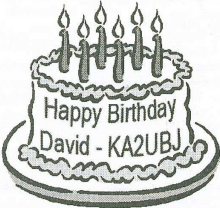
So I'll see you all on Friday, March 7th at the Henrietta Fire Station #1!

**RaRa MEETING
"Old Timers Night"**
March 7, 2008 7:30 P.M.
Henrietta Fire Hall #1
3129 East Henrietta Road
The history of WHAM
By Ed Gable, K2MP

SILENT KEY
Robert E. Kesel, W2GIM
January 22, 2008

Happy Birthday!
By Frank Schramm, WB2PYD
Vice-President, RARA

Come one, come ALL! Let's all join together and wish David Melman, KA2UBJ a Happy Birthday! At 100 years young, David is our most Senior Member. So come to the March meeting and have a slice of Cake and wish David a Happy Birthday.



RaRa Resource Library
By Frank Schramm, WB2PYD
Vice-President, RARA

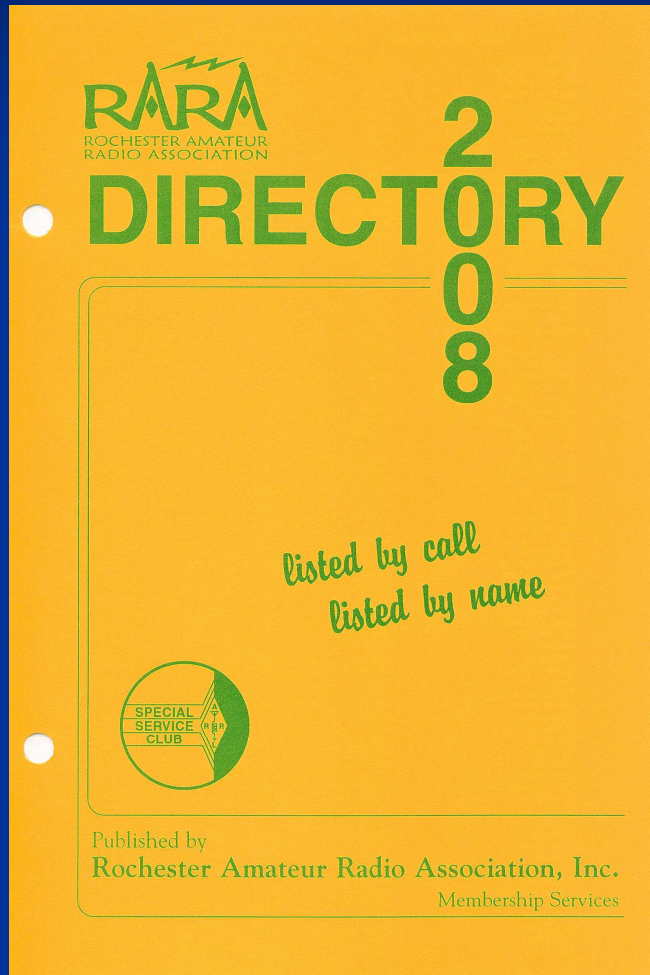
As yet another value of your RaRa membership we are pleased to announce the formation of the RaRa Resource Library! The library will facilitate and coordinate the loaning of test equipment, radios, antennas, books, and manuals to RaRa members in good standing from the Library or between RaRa members. Watch this space for further details as the list of usable resources becomes available. If you have any equipment that you would like to either donate to the library, or merely make available for the library to loan, please contact the Librarian: WB2PYD@ARRL.net

- Mailed to members
- Now also via website
- Local events

Happy 100th Birthday, David KA2UBJ



RARA Directory



- Lists all hams in Rochester area
- RARA members & non-members
- Updated annually
- Listed by callsign and by name

Hamfests – lots of them!



Nº 21928 Call _____

2008
Rochester
HAMFEST

Friday & Saturday
May 30 & 31

Monroe County Fairgrounds
2900 East Henrietta Road
(Rt. 19A con. Colburn Rd)
Rochester, New York

Registration only \$10.00
\$27.00 for dinner - \$2.00 shipping

ARMAD Nº 21929
STUD
(Please Print)

Call _____

Name _____

Address _____

City _____

State/Province _____

ZIP/Postal Code _____

Email Address _____

Phone Number _____











- “The Cavemen”
- Founded 1947
- 60th Anniversary 2007-8
- W2RDX / 60



Vic Gauvin K1PY
RDXA Chairman



- RDXA Currently has 76 Members:
- 60 - Extra
- 7 - Advanced
- 4 - General
- 4 - Tech+
- 1 - Tech
- 23 have DXCC, 6 have 5 Band DXCC, and 7 are on the Honor Roll

RDXA Activities

- Monthly lecture meetings
- Monthly newsletter
- Website – www.rdxa.com
- Friday “Happy Hour” at the Scotch & Sirloin Bar.
- DX including local Dx cluster on 2m packet & internet
- Contests !
- Field Day
- Rick’s “RTTY Rangers”
- Holiday (Christmas) Dinner
- Awards Dinner (jointly with RVHFG)
- 2007-8 60th Anniversary celebrations - W2RDX/60

RDXA Meeting Topics 2007-8

- Sep - “N1MM logging software” - K2ZN
- Oct - “Back to Basics” – Group Discussion
- Nov - “Logbook of the World” – K2CS
- Dec - Holiday Dinner
- Jan - “Tour of the AWA Museum” – K2MP
- Feb - “Software-Defined Radios” – K2RD
- Mar - “The Best of the RSGB” – K6PSP
- Apr - “VE7CC DX Spotting Software” – K2RNY
- May - “Headphone Splitter Project” – N2OPW
- Jun - “Field Day 2007 video” – K6PSP

W2BSN shows his Antenna Launcher



Lynn Bisha W2BSN



Regular Meeting

March 18, 2008 19:30 local

NapaGino's

PennFair Plaza, corner of Rts 250 & 441

NEW LOCATION FOR JAN, FEB, MARCH

March Program

Program to start at 7:30 -
Business meeting
to follow

DX Quiz & The Best of RSGB
with Alan Masson
K6PSP/GM3PSP/G3PSP

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Socialize before the meeting
with Dinner @ 5:30 and after
the Meeting stick around a bit at

NapaGino's

Upcoming Programs and Activities

- Apr 15 VE7CC Cluster by Carey Magee K2RNY
- May 20 The Headphone Project by Paul Meyers N2OPW
- Jun 17 2007 Field Day video by Alan Masson K6PSP

And besides regular meetings, we have

- W2RDX/60 Operating Event #2 (March)
- Joint Awards + /60 Banquet (Apr)
- RDXA tent & booth at the HamFest (June)
- FIELD DAY (June)

And don't forget the informal after meeting and weekly (almost) get-togethers at the Scotch & Sirloin (the "S&S") (We should expand our mission to be DX, Contest, and Social!)

RDXA / RVHFG Annual Awards Banquet

FRIDAY, APRIL 18, 2008

Large Banquet Room at NapaGino's

**\$25/person; 6 PM - Cash Bar
7 PM Buffet Dinner**

See Irv (AF2K) for Tickets!

- RDXA Newsletter
- Monthly
- Up to 10 pages
- Color photographs
- Distributed on website

RDXA DX Cluster (via NG2P)

DX de RU3FI:	7044.8	E74ZZ	CQ	1652Z
DX de IZ4DYQ:	18145.0	C91R	3 to 10 UP	1650Z
DX de RU1AQ:	14010.0	RU1AQ	CQ CQ CQ	1653Z
DX de EA1COA:	18122.0	9H1SP	CQ 5/9- QSL only direct	1654Z
DX de N3DAP:	14178.0	LX1AX		1654Z
DX de EA1BXX:	18115.0	ZS6BAF	56	1654Z
DX de IZ1GLT:	18135.0	A92HB	strong 5/9 tnx john	1654Z
DX de DG9MDM:	14157.2	TO6T	QSL via F6HMQ	1654Z
DX de K0TI:	14039.8	IZ2CPO	cq	1655Z
DX de IZ1GCZ:	14157.0	TO6T	TNX 5/9	1658Z
DX de WA3DX:	14021.0	V85SS	EU WALL	1655Z
DX de OK1FIM:	18145.0	C91R	QRT now	1655Z
DX de IK0OZH:	10107.1	SP750SPACE		1655Z
DX de CT2JUT:	18140.0	TA7KA		1655Z
DX de IV3AZZ:	7044.8	E74ZZ	strong, simplex!	1656Z
DX de IZ3ESV:	14226.0	9M6JC	qsx .235	1657Z
DX de SM6GZ:	3795.0	IK7JTF	CQ DX	1657Z

RDXA Members Contest Standings

RDXA Contest Standings

[Add a score](#)

[Close Window](#)

Contest Season :

2007/2008

Contest Type :

Club Contest

[Close Window](#)

Call	CQWW RTTY	CQWW SSB	ARRL SSCW	ARRL SSSSB	CQWW CW	ARRL 160	ARRL 10M	ARRL RTTY Roundup	CQ160 CW	WPX RTTY	ARRL DXCW	CQ160 SSB	ARRL DXSSB	WPX SSB	WPX CW	Total
AI2N		13,419	20,708	4,830	125,460	27,454			21,812		115,776	5,049				334,508
K2CS		648,543														648,543
K2DB									27,876							27,876
K2NNY			192,160	227,680					28,292							448,132
K2RNY		30,576														30,576
K2ZS								8,456	1,605	30,652	3,780		2,688			47,181
KC2PCG		1,458		13,440			2			13,860						28,760
N1OKL										129,010						129,010
N2CK		3,738		9,312												13,050
N2OPW								1,025		140,392						141,417
N2WK	2,012,750	901,552			1,501,455	115,150	27,500	111,895	232,155	4,860,924	753,228					10,516,609
N2ZN	41,904					52,440		34,425								128,769
W1TY	70,725				30,452											101,177
W2CCC					54,000	72,285							15,300			141,585
W2LB						43,911			68,556							112,467
W2RLK	14,364							17,754								32,118
W2RTY								109,668		533,416						643,084
WB2HJV		32,775	17,024	20,592	267,840	45,288	108		1,615		149,688	3,672	5,487			544,089
WJ2O					2,716,530				4,186		3,039,696					5,760,412

Total Cumulative Club Contest Score for 2007/2008 is [19,829,363](#)

Special W2RDX/60 QSL Card

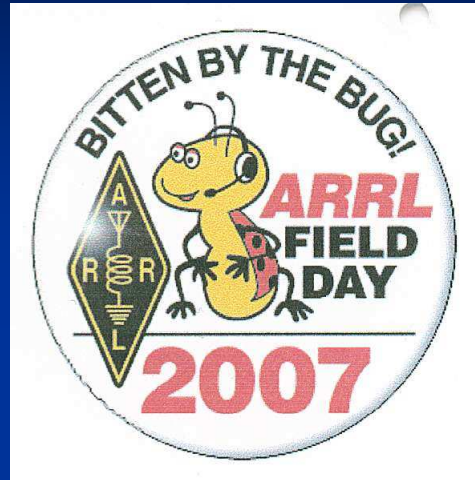


Printed by RDXA club member
AF2K on his vintage press



Irv Goodman AF2K

RDXA at ARRL Field Day 2007





Vic Gauvin K1PY and Irv Goodman AF2K

GOTA station – Get On The Air



Field Day training station for young / new operators



Alan Masson K6PSP



Dave Crawford K2DPC & Marv McIntyre K2ZAA

RDXA Field Day 2007

A video of this event will follow the talk.

RDXA Happy Hour at the Scotch & Sirloin bar Fridays, 4 – 5:30 pm



Cheers to K2FR (SK)



RDXA Holiday Dinner 2007



RDXA / RVHFG Awards Banquet



RDXA Demo Station at Science Museum



**Dave Wright N2CK demonstrates ham radio during
Science & Technology Days**

Rick's RTTY Rangers



“RTTY Rick” Mintz, W1TY



Rochester VHF Group




- Founded 1949
- “Oldest VHF club in the world”
- Very keen, very high-tech.



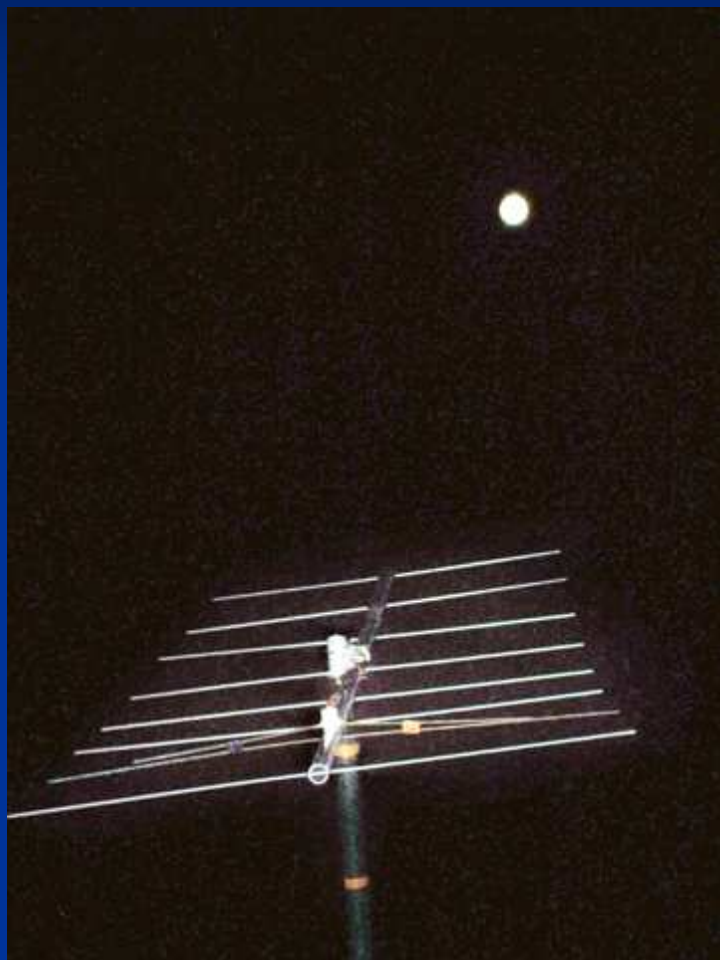
Dave Hallidy K2DH and
Chris Shalvoy K2CS

- VHF – UHF - microwave
- Dx
- Contesting

The VHF Journal (RVHFG)

The Rochester VHF Group	
	
The VHF Journal	
Volume 59, Issue 6 Feb. 2008	
<p>The next regular meeting of the Rochester VHF Group will be</p> <p>Friday, Feb 8, 2008 at 7:30pm</p> <p><u>NOTE: Different Location for February Meeting!</u></p> <p>Spencerport Wesleyan Church 2653 Nichols St., Spencerport</p> <p>Map and directions in back</p> <p>Topic:</p> <p><i>RF Propagation and Digital Communication</i> --Andy Flowers K0SM</p>	<h2 style="text-align: center;">The Chairman Speaks!</h2> <h3 style="text-align: center;">Andy Flowers, K0SM</h3> <p>Fellow Groupers,</p> <p>First of all, please note the change in meeting venue for the February meeting. It's only a few blocks from the usual location, but a map and directions are provided at the back of the journal. <i>This is a change is only for the February meeting.</i></p> <p>This month I'll be presenting on digital communications protocols, with a particular focus on the relationship between RF propagation mechanisms and the communications protocols used to exploit them. The talk will include a survey of what is out there, with a focus on more recent Amateur-Radio experiments at VHF. It should be a good time, and I'll bring in some recordings I've collected over the years.</p> <p>See you there!</p> <p>Andy Flowers, K0SM</p> <p style="text-align: center;"><small>Published by Rochester VHF Group PO BOX 92122 Rochester, NY 14692 Editor: Andy Flowers, K0SM</small></p> <p><small>The VHF Journal is published by the Rochester VHF Group monthly except June-August. The subscription price is included in the membership dues. If you elect to receive the PDF version by downloading it from our website, dues are US\$10 per year. In this case, you will be notified by email the day it is available for download. If you choose to receive the hardcopy Journal by Postal delivery, the dues are US\$15.00 per year. Articles and comments should be submitted to journal@rvhfg.com</small></p>

RVHFG - 2-meter Moonbounce Demo



Point and Shoot!



Decode with K1JT software.
John Stevens, WB2BYP

RVHFG – VHF QRO Amplifiers



Bob Nezelek, W2CNS



RVHFG - 47 & 78 GHz Gear



K2TER Rover at Field Day



Rover stations operate from multiple grid squares in contests

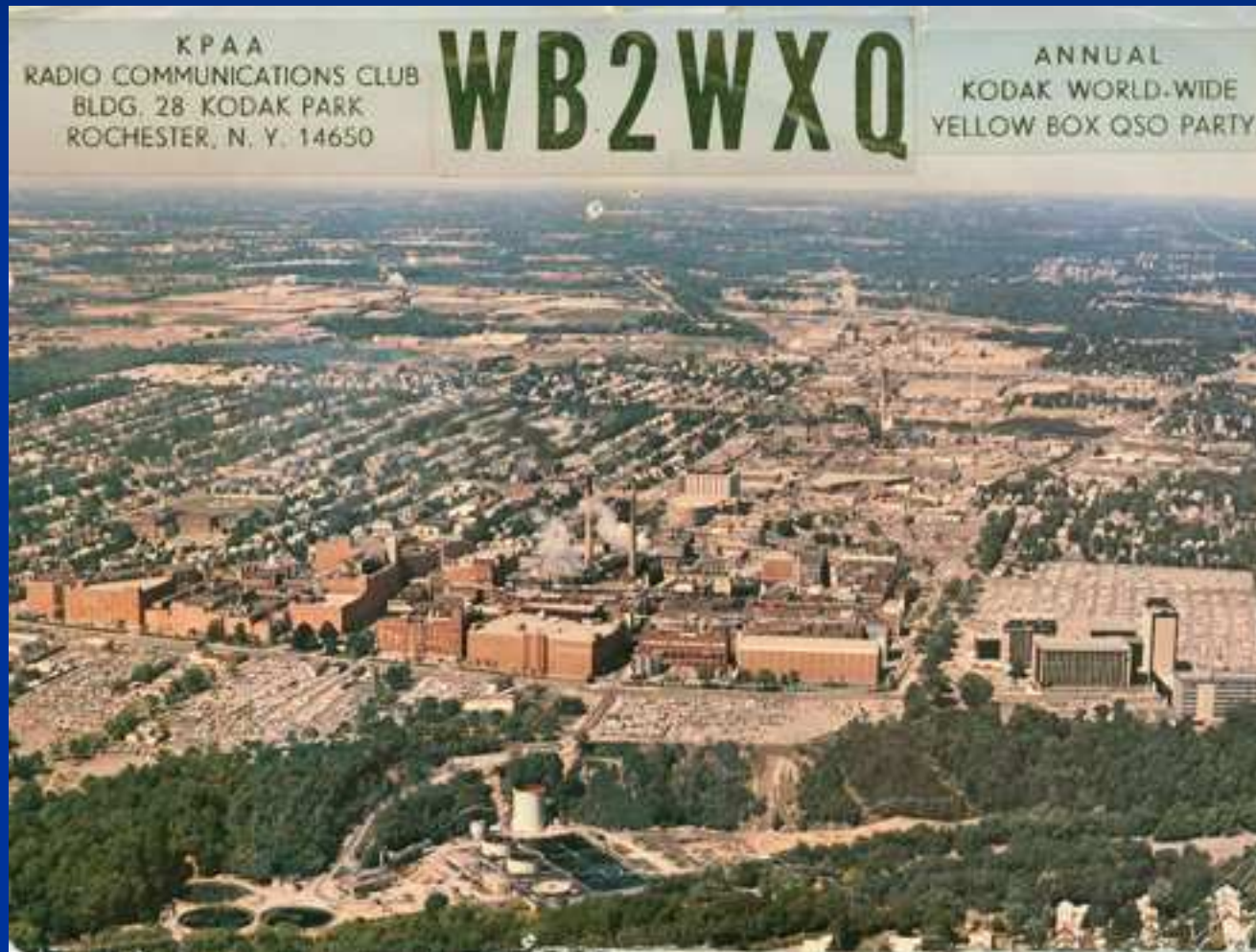
K2TER / R Band Switcher



Kodak Office Radio Club



Kodak Park Radio Club



Public Service Organizations

- **ARES – Amateur Radio Emergency Service**
- **RACES – Radio Amateur Civil Emergency Service**
- **Local communications, drills, exercises, e.g.:**
 - **Special Olympics Winter Games - communications**
 - **Nuclear power station emergency drill**
 - **Nursing home evacuation drill**
 - **Pumpkin Patrol**
- **ARRL leverages ham participation in Public Services in negotiations with the FCC over antennas, frequencies, BPL, etc**



- RACES event for NY State Police
- Deters throwing of pumpkins and rocks from bridges onto NYS Thruway at Halloween
- 16 bridges patrolled by hams in Monroe County / Rochester
- Control station on 2m manned by 2 blind operators - calls for regular check-ins by participants

Pumpkin Patrol



Roger Calendine KB4VL visited
by Lloyd Caves N2PU (roving
supervisor)

“I’ve brought you some donuts”



Roy Forrest WA2JLW and
Alan Masson K6PSP

“This card proves we’re
genuine”!

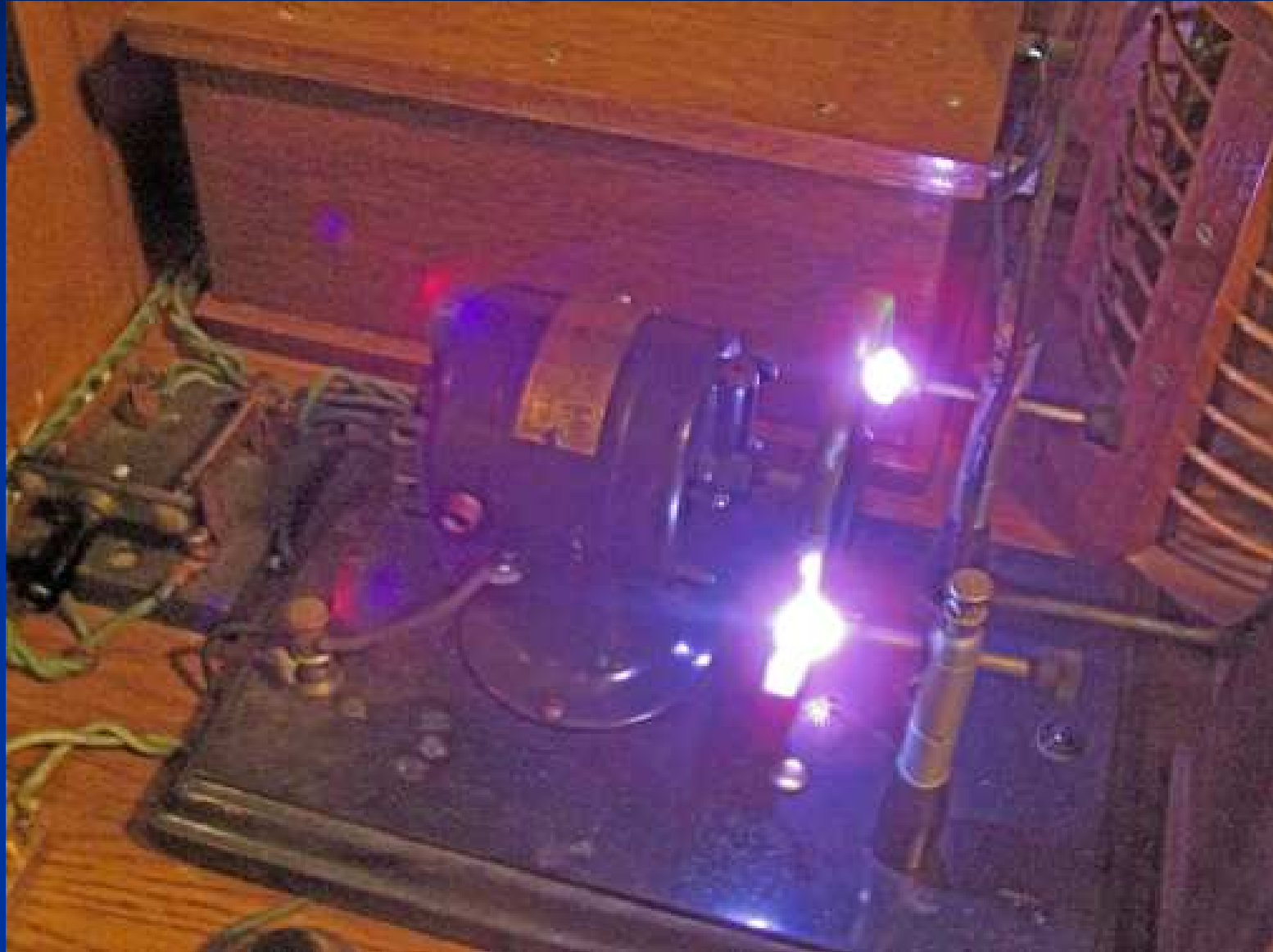
Antique Wireless Association



AWA Museum, Bloomfield NY

- International organization
- Museum near Rochester
 - Limited display space
 - Annexe cramped
 - Moving to larger building
- AM Nets and contests
- Annual 3-day conference
 - Technical sessions
 - Large flea-market
 - Book vendors
 - Banquet

Working Spark Transmitters!



Fleming Diode & DeForest Audion Tubes



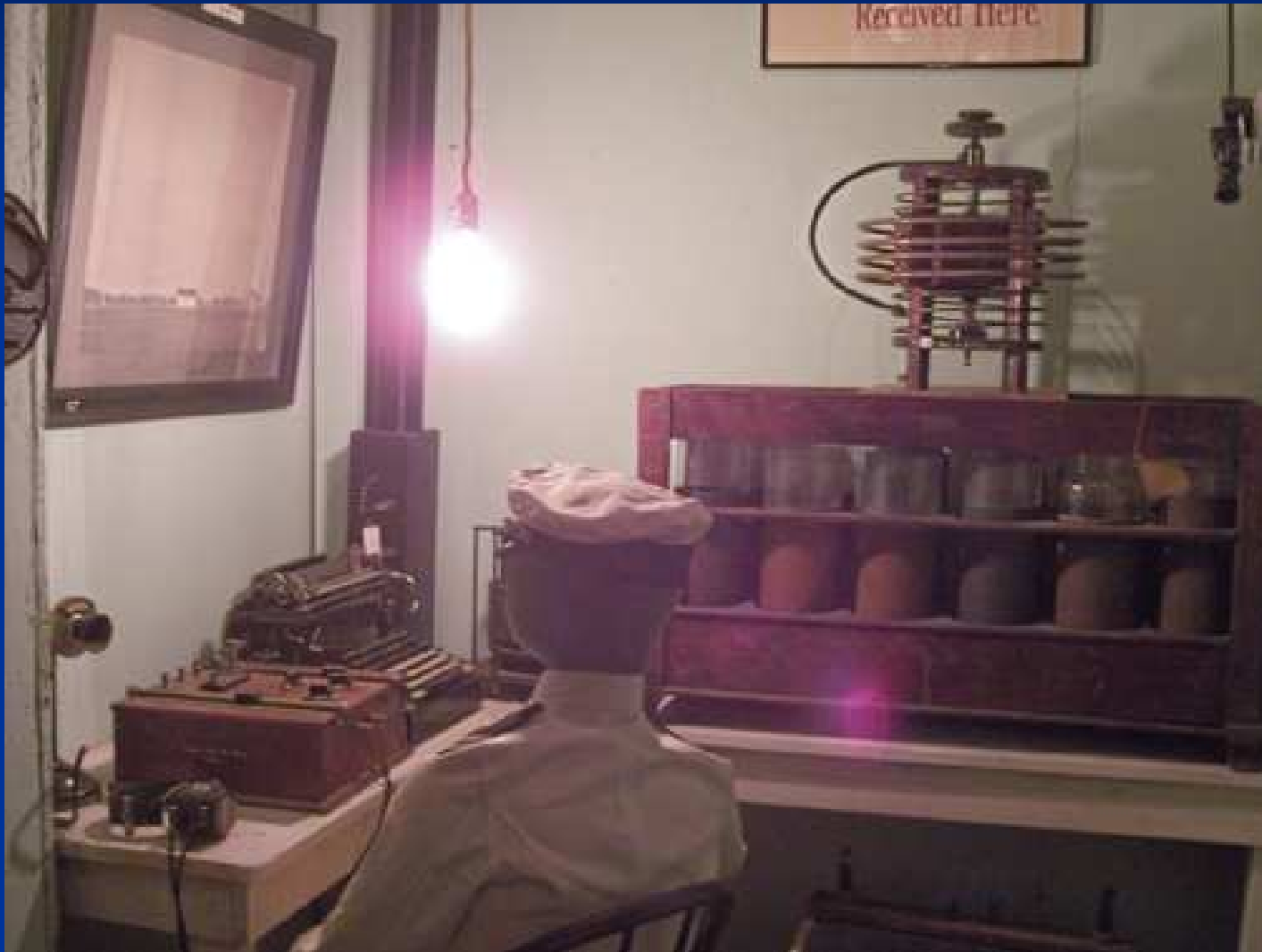
1920s Radio Store



Howard Armstrong's Prototypes: 1st Regenerative Rx, 1st Superheterodyne Rx, 1st FM Tx



RMS *Titanic* Radio Shack





Classic Amateur Equipment

1st Transistor Radio prototype (RCA)



1st Cellular Telephone (Oki, Japan)



The crammed AWA Annexe



AWA AM QSO Party



Alan Masson K6PSP

Wireless Station 2AN

A.W.A. Electronic Communication Museum

Bloomfield, New York USA



RADIO **K6PSP** Ur Spark CW Phone/Sigs Wrk Hrd at **3315.23/10** 20 08

QRG **80** Mtrs Audibility **5** Tone **5** QRM **HVY** QRN **Nil** QSB **Nil**

Spk Xmtr: 1 Kw. Thor., glass plate cond. In oil, flat OT, 4 point sinc rotary gap
CW Xmtr: UV-202 Hartley Osc., UV-202 Buffer., UV-203 Amp. 50W Input
UV-201 as UV-202 speech amp, UV-203 heising mod. With Fed. SB mic. Pwr
Supply CRAC wid 36 jars es ESCO MG set

Aerial: 220 ft. flat top wid 4 wires, wid 4 wire counterpoise and Electrose insulators.

Receivers: Grebe CR-13. Det es one step. IP-501 standby. Baldie phones

Also: Millen 1936 AM rig, Collins KWS-1/75A4, Collins KWM2/30L1 and many more

Edward M. Gable **K2MP**, Museum Curator and Trustee

QSL Direct to: 187 Lighthouse Rd. Hilton, NY 14468

See: www.Antiquewireless.org e-mail: k2mp@arri.net

AWA Conference – Flea Market



Enigma Machines



Dr. Tom Perera

W1TP

Marconi's Transatlantic Tests



Bart Lee KV6LEE talks about whether Marconi actually spanned the Atlantic from Poldhu to Newfoundland in 1901

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By Alan J. Masson, GM3PSP / K6PSP

Lothians Radio Society, 7th October 2009