

SPURIOUS EMISSION

ORLEANS COUNTY AMATEUR RADIO CLUB (OCARC)

14064 West County House Road Albion, New York 14411

OCARC Newsletter July 2009

News Ed Terry W. Cook (KC2JKU) Email kc2jku@ocarc.us

Meeting Time

The Orleans County Amateur Radio Club (OCARC) meets at 7:30 p.m. on the 2nd Monday of the month at the Orleans County Emergency Management Office at 14064 West County House Road in Albion, New York except in August when we have our meeting at the Picnic and September when we have a dinner meeting. The next meeting will be July 13, 2009

Club Officers

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July 2009 OCARC Meeting Program

elections

Call	Score	QSOs	Mult	Class	Power	Section	Club
N2WK	141,449	188	121	S	A	WNY	Orleans County Amateur Radio Club
WA2TMC	101,460	904	114	M	B	WNY	Orleans County Amateur Radio Club (+WA2MOP)
N8CL	28,593	356	81	S	B	WNY	Orleans County Amateur Radio Club
AA2NA	22,890	327	70	S	B	WNY	Orleans County Amateur Radio Club
Totals		294,392					

ANNIVERSARLES

Gene KB2QBD and Carol Smith 07/16/60
Terry KC2JKU and Brenda Cook 07/19/80

BIRTHDAYS

Rich Fizette AA2NA 07/24
Marion Toussaint KA2BCE 07/28
Gene Smith KB2QBD 07/14/38
Gene Mayer 07/25/22

Hamfest 2009

Batavia Hamfest

Saturday Aug 1st. 2009

At the Alexander Firemen's Grounds
10708 RT 98 Alexander New York
Starts at 6:00 Am
Only \$5.00
Breakfast served at 7.00Am
Door prize
ICom T7H Sport Hand held
Check in 146.52 \$ 20.00

ORLEANS CO. AMATEUR RADIO CLUB

2-METER NET

WA2DQL) repeater 144.67 MHz in/145.27 MHz out with a tone of 141.3. Every Tuesday night at 9:00PM We will be calling for officers first then anyone else that wishes to join in. We also have a simplex net once a month on the Third Monday at 9:00PM on 145.270.

July 14	KA2BCF	Dick
July 20	KC2JKU Simplex	Terry
July 21	KA2BCE	Marion
July 28	KC2JKU	Terry
Aug 4	WA2TMC	Bruce
Aug 11	KA2BCF	Dick

NETS

Bataiva 9:00 p.m. 147.285 Tone 141.3 Cw Code Practice every night (except Tue.) at 8:30 pm. Voice bulletins from ARRL Head quarters every Tuesday night after the net at 8:30 pm. 10 Meter Net 28.323.00 Friday 9:00

2 Meter Sideband Net 144.260 USP 9:00 Mondays

Lara (Lockport Amateur Radio Club)

Sunday 8 p. m. 146.820

Swapnet after regular net Sept- May

Stars (Southtown Amateur Radio Society)

Saturday 10:00 a.m. 3.925 HF Net

Tuesday 7 p.m. 147.090 Swap Net

Wednesday 7 p.m.

Issue Background

The advent of two-way radio communications in the early 1930s generated a need for public safety radio channels, or spectrum. To support emergency response radio communications, the Federal Communications Commission reserved radio spectrum within several different frequency bands for public safety use. Until recently, emergency response radios were built to operate within a single radio band. As a result, emergency response agencies and support units—such as the Federal Emergency Management Agency, the National Guard, and the United States Coast Guard—had to rely on the use of several single-band portable or mobile radios to maintain a level of interoperability with partner agencies. While some agencies swapped or shared radios, others employed time-consuming methods to exchange information, including relaying messages through dispatchers or using runners to hand-carry messages.

Multi-Band Radio Project Overview

To address these challenges, the Department of Homeland Security's (DHS) Science and Technology (S&T) Directorate awarded a \$6.275 million contract to Thales Communications, Inc. to demonstrate a multi-band radio (MBR) that enables emergency responders to communicate with partner agencies—regardless of the radio band. The MBR prototype is capable of operating in the primary public safety bands between 136-174 megahertz (MHz) and 380-520 MHz as well as in the 700 MHz and 800 MHz bands. Additionally, when authorized, the MBR is capable of operating on the Department of Defense bands in the 136-138 MHz and 380-400 MHz ranges as well two Federal Government bands: 162-174 MHz and 406.1-420 MHz. This capability represents a significant step for Federal agencies that need to interoperate with their local, tribal, regional, and state counterparts. Carrying a price tag of \$4,000-\$6,000, the MBR is equal in form, factor, and cost to existing high-end portable radios. A significant difference is that the MBR equips emergency responders with the unprecedented capability of operating across the entire range of public safety radio bands. To communicate with another agency, users simply select the assigned channel.

Field Tests

S&T's Command, Control and Interoperability Division's Office for Interoperability and Compatibility (OIC) will test and evaluate the MBR through pilots nationwide. These pilots will focus on testing the radio's operation across multiple systems—analogue, conventional, digital, and Project 25 trunked—and multiple agencies, including local, tribal, state, Federal, and military. During these field tests, the primary users of the new technology will likely be responders in a command and control role or those involved in special operations that need to interoperate with multiple entities. These users include incident commanders; responders across all disciplines, including battalion chiefs; and Federal officials who coordinate with local agencies.

Future Customer Requirements

To successfully support emergency response communications and operations, it is essential that technologies align with users' requirements. In keeping with its user-driven approach, OIC is working closely with DHS customers to ensure that the MBR meets current and future operational requirements, such as personnel tracking, usage in locations where there is a danger of explosion, and responder health and well-being monitoring.

For additional information on OIC initiatives, including the MBR project, visit the SAFECOM Web site at www.safecomprogram.gov.

Thanks everyone for a great
Field Day

FIELD DAY 2009

Well it has come and gone.....just that fast. I must say it was the most enjoyable FD that I have had the pleasure of attending.

What a complete team effort. A pleasure to watch so many hands pitch in with ideas and muscle when needed. I saw a few members that did not operate much but made up for it doing lots of extra work.

There are many positive memories I take away from FD. Most importantly is that we have an active Amateur Radio Club. We should all take great pride in that.

Where many clubs are struggling ours continues to strengthen. The attendance of members from the Lockport and Batavia clubs says a lot about us.

I hope we can continue to build on what we have, grow our numbers a bit and continue not only to grow ham radio but to grow YOUR participation in it.

New technologies, different operating modes, learning new QSO exchanges, searching and pouncing on new stations etc, was all effectively demonstrated and used at FD 2009.

I don't know if anyone else noticed but we DID NOT get a visit from Mr. Murphy. Usually something goes wrong but not this time. Everything ran smoothly with no breakdowns. I did have a secret bottle of "Anti-Murphy" spray that I used on Friday morning. I'll try it again next year.

Here is a brief rundown on the score:

QSOs:	CW	Phone	Rtty
160m	0	0	0
80m	77	80	0
40m	133	125	0
30m	0	0	0
20m	33	75	48
17m	0	0	0
15m	26	17	0
12m	0	0	0
10m	0	0	0
6m	0	0	0

CW QSOs	269x2=	538
Phone QSOs	297x1=	291
Rtty QSOs	48x2=	96
GOTA QSOs		76

The actual score with all of our bonus, GOTA, and emergency power etc I have calculated to be 3062

The ARRL will calculate it all and we will get the official total score from them.

I'm sorry I will not be at the July meeting to personally congratulate the club on a job well done.

Please allow me to genuinely thank all of you for a great weekend and a great club.

FIELD DAY 2010.....lets get ready

Bruce WA2TMC