

2004 Officers

President
George, WA8YUZ

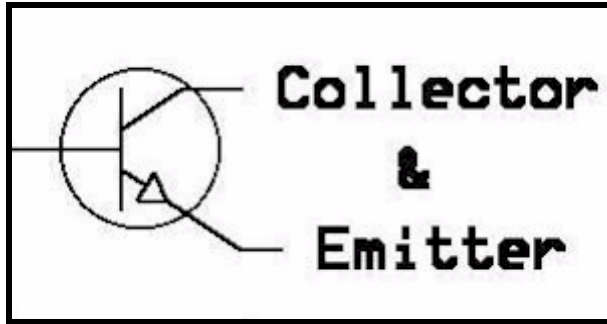
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Roger, K8AIR

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Charlie, KC8IDE

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Club Website
<http://www.qsl.net/w8ydk>

MARC Meeting
Thursday, Sept. 16th
7:30 pm.
Highland Senior Center
205 N. John St.
Highland, MI.
Ham Radio
Presentation,
50/50, refreshments,
and good fellowship.

Volume 2004 Issue 7

September 2004

Fall Radio Classes

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The Milford ARC will hold CW code, Technician, and General Classes again this year at the Milford High School, Tuesday nights, starting on September 21st, in rooms 502 and 504. (First floor at the south end of the school), ending December 7th.

The CW code portion of the classes will start at 7:00 pm sharp and run for approx. 20 minutes. George Cholo, WA8YUZ, will be using the Farnsworth method of code instruction.

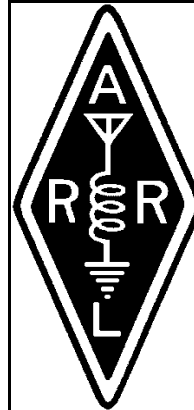
The Technician and General Classes will start at 7:30 pm sharp and run no later than 9:00 pm. The classes are free. You will

have to have the latest edition of the Technician license manual, "Now You're Talking!", (fifth edition), or the General license manual, (fourth edition). We will try

to have a few of these books on hand on the first night. The Technician license manual costs \$19.95 and the General license manual costs \$15.00. The instructors will be Tom Miller, K8PNW, George Cholo, WA8YUZ, Terry

Griner, W8TI, and Bob Lang, K8ZKJ. Please spread the word around on your nets, among your friends, neighbors, and relatives.

Remember, during times of emergencies, Ham Radio gets through.



Milford Amateur Radio Club

Milford Amateur Radio Club

More Interesting Calls

This month it's the Eighth Call Area in the series

By Roger Mundy K8AIR

We continue the series on "Old, Interesting, and Unusual" calls from Area 8.

W8ACW Genesee ARC, Flint, MI. Still going strong after more than 50 years!

K8AIR Headquarters Air Material Command, Mars Bldg. 168, Wright-Patterson AFB, Dayton, OH. This is another of the original 11 "AIR" calls that the FCC assigned to air bases around the country for use in the Mars radio program. There are actually 2 air bases at Wright-Patterson AFB, the first was named McCook Field, and then in 1924 Wilbur Wright Field was established. In July 1931 Wilbur Wright Field was renamed Patterson field in honor of Lt. Frank Patterson who was killed there in a DH-4 while testing the synchronization of machine gun and propeller. He was quite possibly the first man to shoot himself down. Then in 1948, the fields became one installation, or Wright-Patterson AFB. The K8AIR call was the Mars radio call in use until 1958 when the station closed. I picked up the call in May of 1998 in honor of the base and Mars radio, as I used to be the Chief Operator at K1AIR, Otis AFB, MA. Wright-Patterson AFB is home to the Air Force Museum which has the largest collection of aircraft in the United States. If your ever in Dayton be sure to drop in and visit the museum, it is an all day event.

W8BIN Police Radio Station, W8DYH Trustee, Belle Isle, Detroit, MI. This call belongs to Ray Brown in Westlake, OH now. W8DYH was probably a police officer. I wonder if this was one of the amateur stations that radioed crimes across state lines as there was such an organization.

W8BWA The Cleveland Brasspounders ARC, Cleveland, OH. They are pounding dirt now as the call is no longer in use.

W8DC Grand Rapids ARC, Ken Bullock trustee, Grand Rapids, MI. This club was founded in 1947 and is still very much active today.

W8EIK Bowling Green University Falcon ARC, Bowling Green, OH. The club is no longer in existence and neither is the call.

W8ERN Evangelo Diamantoni, 16906 Sorrento, Detroit, MI. Our old friend Angelo at age 18. Angelo has been an elmer to many hams. He is a top DX'er, has worked every mode you can think of, and has a fabulous set up at his house. I know, I have been there!

W8FJE University of Miami ARC, Oxford, OH. Their call is now WA8MU.

W8FQP Redford High School ARC, Angelo Diamantoni Trustee, Grand River Ave. Detroit, MI. Angelo was in his senior year at Redford and started the club there. There were other High Schools with clubs such as Mumford,

Interesting Calls

Continued

- Pershing, and Cass Tech to name a few. Today they are unheard of in High Schools, except for Milford!!
- W8FT Findlay Radio Club, Findlay, OH. They put on a nice swap, and the call is still going strong after more than 50 years.
- W8HAY Oakland County Radio Club, Harold Bird trustee, Pontiac, MI. I don't know about the club, but the call is no longer in the database.
- W8SH MSU ARC, Wm Nellis trustee, E. Lansing, MI. Michigan State univ. has another call, W8MSU, that is used as their VHF Association. I have never heard MSU on the air, but I have worked Michigan, and Michigan Tech.
- W8UM University of Michigan ARC, Ann Arbor, MI. Actually this call does not appear in the 1951 call book but MSU's call does. Strange!
- W8YDK Now if you do not know who this call belongs to then you should be ex-communicated from the club! Or at least made to pay for breakfast for everyone on Saturday. The 1951 callbook lists this call as belonging to: Benjamin F. Bragg, 1405 General Motors, Milford, MI. The Milford ARC holds this call in trust and uses it during field day and other special events.

- W8YY Michigan Tech Radio Club, Walter Anderson trustee, Houghton, MI. Our friend Nick, N8ICK, is going to school there, and we have worked him from the university. It gets reeeeeeeal cold up there!
- W8ZZ Detroit Amateur Radio Assn., Ralph Thetreau trustee, Detroit, MI. Today the club is still in existence under trustee George Goldstone, W8AP. Old George was born in 1917 and still going strong today. I will never forget years ago a friend and I were talking on 10 meters when George broke in and asked if we would mind moving up 5kc as he had a schedule with another station at that time, and on our frequency. We said, Buzz off, (just kidding). Then he asked us to stay and see if we could hear the station in case he could not. That station happened to be Z21EF, Rev. Orville Dunkell, a missionary in Zimbabwe, Africa. Orville asked me where I was from and when I told him Walled Lake, MI he told me he had a very dear friend living there whose name was Murial whom he had raised as a foster child in Africa. Later Orville was to visit me at my house on Welch Rd. and tell of his times in Africa. Orville is a silent key today, but I will never forget that day when George introduced us.

That's it for this month's issue of "Old, Interesting, and Unusual" call signs from the past. Stayed tuned next month for Area 9.

73's Roger Mundy K8AIR

Informal Saturday morning breakfast.

All area Hams are invited to meet for an informal breakfast get-together, every Saturday, at Groves Restaurant, on the south side of M-59, west of Duck Lake Rd. 8:30 am.
Talk-in 145.49 Mhz, 67hz PL

Summary for the 2004 W8YDK Field Day Operation

Operating Class: 3_A

Summary for CW mode of operation

BAND	QSO-Pts	X	MULT	=	TOTAL
160	0		2		0
80	0		2		0
40	109		2		218
20	152		2		304
17	0		2		0
15	27		2		54
12	0		2		0
10	0		2		0
6	0		2		0
2(SSTV)	1		2		2

289 X 2 pts X 2 = 1156

Summary for PHONE mode of operation

BAND	QSO-Pts	X	MULT	=	TOTAL
160	0		2		0
80	275		2		550
40	714		2		1378
20	282		2		564
17	0		2		0
15	7		2		14
12	0		2		0
10	0		2		0
6	51		2		102
2	7		2		14

1336 X 1 pts X 2 = 2672

Total Score (Less Bonuses): 3828

Bonuses total 1150 points.

3828
<u>+1150</u>
4978

Bob, Secretary



OUTLINE OF AMATEUR RADIO HISTORY

Part 2 (submitted by Roger K8AIR)

Year	Event
1940-41	With the war raging in Europe, our ability of have international Qso's is severely limited. When the U.S. enters the war, all amateur activity is suspended.
1942-45	Except for WERS (the War Emergency Radio Service) on 2 1/2 meters, no amateur operations take place. New "UHF" tubes and circuits are developed as a result of the war.
1945	<p>A major battle develops over postwar frequency allocations. The ARRL, Major Armstrong, and Brigadier General David Sarnoff (RCA/NBC television), all fight over the low end of the VHF spectrum between 44-108mcs, the five meter band (56-60mcs), and 6 meter band (50-54mcs). At one point the FCC submits 3 alternatives. 1# gives us a 7 meter band (44-48mcs), 2# our five meter band (56-60mcs), and 3# a 6 meter band (50-54mcs). Alternative #3 wins and our 6 meter band is located between TV channel 1 (44-50mcs), and Channel 2 (54-60mcs). FM is moved (over Armstrong's objections) from 42-50mcs to 88-108mcs. The FCC moves our 2 1/2 meter band to 144-148mcs (over the ARRL's objections) because they want it to be next to government & military allocations.</p> <p>On a lighter note, November 15, 1945 amateurs are allowed back on the air, but on 10 and 2 meters only.</p>
1945	CQ magazine is first published.
1946	The military leaves our HF bands, but in stages. Hams gradually get their frequencies back except for 160 meters which will be used for the LORAN radionavigation system. The FCC creates the Tenth Call District using the numerical Zero, and realigns the district boundaries. War surplus equipment finds its way into the ham market.
1947	The Atlantic City Conference. Amateurs lose the top 300kcs of 10 meters (29.7 to 30mcs), and will lose 14.350 to 14.4mcs on 20 meters. They will gain a new band on 15 meters (21-21.450mcs) in the future. To compensate hams for their loss, the FCC allows them to use the 11 meter band (26.96-27.23mc) on a shared basis with Industrial, Scientific, and Medical devices. TVI is starting to become a problem. The ARRL determines that channel 2 is very vulnerable to TVI and recommends it be eliminated. The FCC eliminates channel 1 instead. The transistor is developed by Bell Labs.
1948	Single Sideband is fully described in amateur publications. The FCC creates class A, B, and C CB radio between 460-470mcs.

- 1951 The FCC completely reorganizes the amateur license system. The class A, B, and C licenses are replaced by the Advanced, General, and Conditional class. Three new license classes are created, the Extra, Novice, and Technician. The Technician class is created for experimentation, NOT communications, and has privileges only above 220mcs. Novices are given limited HF CW subbands, 75 watts, crystal control only. They may use phone on 145-147mcs. It is a 1 year, non-renewable license.
- 1952 The FCC allows phone operation on 40 meters, which had been CW only. The 15 meter band is opened. The Advanced class is withdrawn from new applicants, although present holders can continue to renew, and the exclusive 75 & 20 meter phone bands are opened to Generals & Conditionals. Everyone, Conditional and above now have the same privileges.
- 1953 The FCC starts to issue "K" calls to amateurs in the 48 states due to the increasing ham population. Prior to this all "K" calls were assigned to the military.
- 1954 Depressed and broke from his patent fights with RCA over FM radio, Major Armstrong commits suicide. His wife continues the fight, winning the last battle in 1967 when the Supreme Court rules that Armstrong did indeed invent FM.
- 1955 Technicians are given 6 meter privileges to help populate the band and encourage experimentation. The ARRI & most hams oppose 2 meters for Technicians. Wayne Greene becomes editor of CQ magazine.
- 1956-60 A gradual technical revolution on 2 fronts appears. Transistors find their way into the ham shack, first in power supplies, then in audio sections, receivers, and QRP transmitters. However, most equipment was still 100% tubes. Also, SSB is catching up on AM in terms of popularity. By the 1960's SSB pulls ahead of AM.
- 1957 Sputnik, the first artificial satellite, is launched by the USSR. Amateurs copy it's beacon on 20 & 40mcs.
- 1958 Explorer is launched by the U.S.. Amateurs copy it's signal on 108mcs. The ham population is now 160,000, three times the 1946 total. The FCC has to issue "WA" calls in the 2nd & 6th call areas, as the W and K's have run out. Slow Scan TV is first described in QST. Hams lose 11 meters to class D CB.
- 1959 The Geneva Conference held, no major amateur changes. Technicians get the middle part of 2 meters (145-147mc), but not without some controversy over the purpose of the license. The FCC restates their experimental, not communications policy.
- 1960 Wayne Greene fired as editor of CQ forms 73 magazine.

- 1961 Oscar I, the first amateur satellite is launched. Thousands of amateurs copy it's 50mw beacon on 144mc sending out "... ..".
- 1962 Conelrad is replaced by the Emergency Broadcast System. Amateurs no longer have to monitor 640 or 1240 kc while operating their stations.
- 1963 The ARRL responding to some complaints about Generals being allowed on 75 & 20 phone, proposes an "incentive licensing" system. Under the ARRL proposal, Generals & conditionals would lose 75, 40, 20, & 15 meter phone privileges over a 2 year period. The Building fund to construct the ARRL Headquarters at 225 Main St., Newington, is in full swing. The amateur population is over 200, 000, but CB licenses now outnumber hams.
- 1964 A Ham in the Whitehouse? Barry Goldwater, K7UGA/K3UIG is the republican candidate for President. He is defeated. Herbert Hoover dies at the age of 90. As Secretary of Commerce in the 1920's, and President of the United States from 1929-33, his strong support of amateur radio was invaluable. He lived long enough to see his son Herbert Hoover Jr (W6ZH) elected president of the ARRL.
- 1965 The FCC comes out with it's own incentive licensing proposal. General/ Conditional class operators would lose 50% of the 75 to 15 meter phone bands. A new "Amateur First Class License", with a 16 WPM code speed, would be the stepping stone between the General and the Extra. Advanced class amateurs would not be Grandfathered into the First Class, rather they would be bumped down to General upon renewal.
- Oscar III & Oscar IV allow 2 way Qso's via satellite.
- 1967 The FCC announced the new incentive licensing rules: Over the next 2 years General and Conditional operators would lose 50% of the 75 to 15 meter phone bands, the "First Class" idea was dropped, the Advanced class was reopened to new applicants, Extra & Advanced class operators get exclusive subbands on 80 thru 15 and 6 meters, the Novice class term is doubled to 2 years, but Novices lose their 2 meter privileges, the FCC restates the experimenter not communicator policy and states that the next license step for Novices is the General, not Technician class.
- 1968 The FCC authorizes SSTV in the Advanced/Extra class subbands. Generals and Conditionals get SSTV later.
- 1969 The FCC removes the ability for a Technician to hold a Novice License at the same time. The ARRL announces a new policy, they now consider technicians to be communicators and petition the FCC to give them full VHF privileges, a 10 meter segment from 29. 5 to 29.7mc, and Novice CW subbands.

This is the end of Part 2. Part 3 will be in the next issue of the Newsletter.

Swap and Shops

22 August	Lapeer County ARA Contact; Bill Miller, KD8VP 810-797-5329	www.w8lap.com	Lapeer, MI.
11 September	Grand Rapids ARA Contact; Jack Amelar, NY8D 616-897-6885	www.w8dc.org/swap.htm	Grand Rapids, MI.
19 September	Adrian ARC Contact; Eric Smith, K8JWV 517-263-5407	www.w8gte.com	Adrian, MI.
10 October	Kalamazoo ARC Contact; Donald Eikhoff, WD8IDJ 269-665-6421	www.kalamazoohamfest.com/khf/	Kalamazoo, MI.
31 October	Utica shelby USECA Contact; Scott Madison, WN1B 248-628-4756	www.useca.net	Warren, MI.
5-6 November	Michigan State Convention Contact; Chuck Rich, W8GCW 616-396-2294	www.hollandarc.org	Holland, MI.
7 November	Blossomland ARA Contact; Gary Wallis, KB8VIM 269-429-3629		Benton Harbor, MI.

Alphabet and pronunciation

Character	Word	Pronunciation	Character	Word	Pronunciation
A	Alfa	AL FAH	S	Sierra	SEE AIR RAH
B	Bravo	BRAH VOH	T	Tango	TANG GO
C	Charlie	CHAR LEE or	U	Uniform	YOU NEE FORM
D	Delta	DELL TAH	V	Victor	VIK TAH
E	Echo	ECK OH	W	Whiskey	WISS KEY
F	Foxtrot	FOKS TROT	X	X-ray	ECKS RAY
G	Golf	GOLF	Y	Yankee	YANG KEY
H	Hotel	HO TELL	Z	Zulu	ZOO LOO
I	India	IN DEE AH	0	Zero	ZE-RO
J	Juliett	JEW LEE ETT	1	One	WUN
K	Kilo	KEY LOH	2	Two	TOO
L	Lima	LEE MAH	3	Three	TREE
M	Mike	MIKE	4	Four	FOW-er
N	November	NO VEM BER	5	Five	FIFE
O	Oscar	OSS CAH	6	Six	SIX
P	Papa	PAH PAH	7	Seven	SEV-en
Q	Quebec	KEH BECK	8	Eight	AIT
R	Romeo	ROW ME OH	9	Nine	NIN-er

Septemer 2004

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 Board Meeting	3	4 Breakfast 8:30 AM
5	6 7:30 pm Round table 145.49 67hz	7	8	9	10	11 Breakfast 8:30 AM
12	13 7:30 pm Round table 145.49 67hz	14	15	16 MARC Meeting	17	18 Breakfast 8:30 AM
19	20 7:30 pm Round table 145.49 67hz	21 Radio Classes, 7 pm Milford HS	22	23	24	25 Breakfast 8:30 AM
26	27 7:30 pm Round table 145.49 67hz	28 Radio Classes, 7 pm Milford HS	29	30		

October 2004

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 Breakfast 8:30 AM
3	4 7:30 pm Round table 145.49 67hz	5 Radio Classes, 7 pm Milford HS	6	7 Board Meeting	8	9 Breakfast 8:30 AM
10	11 7:30 pm Round table 145.49 67 hz	12 Radio Classes, 7 pm Milford HS	13	14	15	16 Breakfast 8:30 AM
17	18 7:30 pm Round table 145.49 67hz	19 Radio Classes, 7 pm Milford HS	20	21 MARC Meeting	22	23 Breakfast 8:30 AM
24	25 7:30 pm Round table 145.49 67hz	26 Radio Classes, 7 pm Milford HS	27	28	29	30 Breakfast 8:30 AM
31						

Milford Amateur Radio Club MEMBERSHIP APPLICATION

Name _____

Call _____ License Class _____ Phone () _____

Address _____

City _____ State _____ Zip Code _____

E-mail Address _____ ARRL Member: Yes ___ No ___

Full and Associate Member \$15.00 --- Member under 16 \$7.50

Family (all members of one household) \$20.00

Make checks payable to MARC. Memberships run January 1 through December 31.

RETURN TO: Rose Mary Moore, KC8NQJ, Treasurer, or, Robert Lang, K8ZKJ, Secretary

Or mail to; Milford Amateur Radio Club
P.O. Box 573
Highland, MI. 48357-0573



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