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2019 Fort Wayne Hamfest Gathering of the GM Net Crew



Pictured Left to Right: Phil-W9PMA, George-KB0VF, Darrel-WDBANZ, Charlie-WD9IQV, Denny-N8XLS, Minnie-KD8PAZ, Minnie's Daughter Jennifer, Bob-KD8RUZ, Bobby-N8CY, Minnie's Granddaughter Olivia, New Member, Minnie's other Granddaughter Emily, Ken-N8COQ, Scott-W1BC



**The GM Nets meet
daily Monday through
Saturday on 7.277.5
MHz at 18:00Z**



Would you like to help out
with Net Control Duties?
Contact our Net Manager
George, KB9VF
kb9vf9@gmail.com

Net Preamble & Closing



Net Preamble

This is (your call), today's net control. This net is composed of employees and retirees of the General Motors Corporation .

This net meets daily on this frequency for the purpose of getting better acquainted, expanding our knowledge, and improving our operating techniques. We promote friendship among participants in many locations who have many talents and have or have had a variety of work assignments. The General Motors nets are international in scope on some bands, and visitors are always welcome to check in. Please stay carefully tuned to net control at all times. This is (your call) (working for or retired from) (your) Division in (your city), (state). My home QTH is (where you live). My name is (your name) and we will now take check-ins, one at a time, please.

Net Control Stations:

George, KB9VF
Rick, WØPC
Bill, WB9YUR
Denny, N8XLS
Phil, W9MPA
Bob, K8MPV
Charlie, WD9IQV
Wally, WB8M
Scott, W1BIC
Roy, W8MRW

Net Closing

Are there any late check-ins for the net? (pause for late check-ins). Is there any further business for the net? (pause for any further business) Having no further business, we will close the net at this time. This net is composed of General Motors employees, retirees, and visitors. We meet each day, Monday through Saturday, on or about this frequency, at (1700z or **1800z**). Thank you for your participation and please return often. This is (your call) now closing the net. 73 and Good Afternoon.

**I can hear you on the “K3FEF.com” SDR Receiver
Cycle 25 is finally starting to show sun spots!**

Net Control Schedule

December 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
0	K8MPV - Bob	W9PMA - Phil	N8XLS - Denny	WD9IQV - Charlie	WB9YUR - Bill	W8MRW - Roy
8	9	10	11	12	13	14
	WØPC- Rick	KB9VF - Geo	K8VW - Verle	K8MPV - Bob	W1BIC - Scott	W9PMA - Phil
15	16	17	18	19	20	21
	N8XLS - Denny	WD9IQV - Charlie	WB9YUR - Bill	W8MRW - Roy	WØPC- Rick	KB9VF - Geo
22	23	24	25	26	27	28
	K8VW - Verle	K8MPV - Bob	W1BIC - Scott	W9PMA - Phil	N8XLS - Denny	WD9IQV - Charlie
29	30	31	Notes:			
	WB9YUR - Bill	W8MRW - Roy				

Net News: We are still enjoying the use of remote receivers to help us hear everyone on our nets. One receiver that's free to use often is the "K3FEF.com." Just use your computer's web browser to go to www.k3fef.com and then select the frequency you want to listen to including sideband. Often from my home station, I can't hear Bill, WB9YUR. We're just too close together. By tuning into the K3FEF receiver, I can hear Bill and most other stations clearly. I can usually hear myself which can be confusing so don't forget to turn down the volume when it's your turn to transmit.

73, Rick-WØPC

FCC Amending Amateur Radio RF Exposure Safety Rules

12/05/2019 ARRL

The FCC is amending its Part 97 Amateur Service rules relating to RF exposure safety. In a [lengthy document](#) in ET Docket 19-226 released on December 4 that addresses a broad range of RF safety issues, the FCC said current amateur radio RF exposure safety limits will remain unchanged, but that the amateur-specific exemption from having to conduct an RF exposure evaluation will be replaced by the FCC's general exemption criteria. Radio amateurs have always had to comply with RF exposure limits, but certain stations have been exempt from having to conduct evaluations based only upon power and frequency. The Commission indicated that by and large, if an RF source was "categorically excluded" from routine evaluation under the old rules, it will most likely still be exempt under the new rules, which are expected to take effect in the next couple of months.

"For applicants and licensees in the Amateur Radio Service, we substitute our general exemption criteria for the specific exemption from routine evaluation based on power alone in Section 97.13(c)(1) and specify the use of occupational/controlled limits for amateurs where appropriate," the FCC said.

"The sky is not falling here," ARRL Lab Manager Ed Hare, W1RFI, commented.

"The major aspects of the rules will not impose major new burdens on the Amateur Radio Service. As in all regulatory matters, though, the devil may be in the details, so the ARRL technical staff, legal staff, and the experts on the ARRL RF Safety Committee are carefully evaluating this FCC document."

Under the revised Section 97.13(c)(1), "In lieu of evaluation with the general population/uncontrolled exposure limits, amateur licensees may evaluate their operation with respect to members of his or her immediate household using the occupational/controlled exposure limits in Section 1.1310, provided appropriate training and information has been accessed by the amateur licensee and members of his/her household," the amended rule says.

"RF exposure of other nearby persons who are not members of the amateur licensee's household must be evaluated with respect to the general population/uncontrolled exposure limits. Appropriate methodologies and guidance for evaluating Amateur Radio Service operation is described in the Office of Engineering and Technology (OET) [Bulletin 65, Supplement B](#)," the revised rule concludes.

The FCC said it was not persuaded by ARRL's argument in its comments that the routine evaluation exemption for amateur radio stations operating below a certain power threshold should be maintained. "Amateur radio licensees operate a variety of installations of different size, power, and frequency, which can be located in close proximity to people, giving rise to various RF exposure concerns," the FCC noted.

(Continued)

Net Control Schedule

January 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:			1 WØPC- Rick	2 KB9VF - Geo	3 W1BIC - Scott	4 W9PMA - Phil
5	6 N8XLS - Denny	7 WD9IQV - Charlie	8 WB9YUR - Bill	9 W8MRW - Roy	10 WØPC- Rick	11 KB9VF - Geo
12	13 K8MPV - Bob	14 W1BIC - Scott	15 W9PMA - Phil	16 N8XLS - Denny	17 WD9IQV - Charlie	18 WB9YUR - Bill
19	20 W8MRW - Roy	21 WØPC- Rick	22 KB9VF - Geo	23 K8MPV - Bob	24 W1BIC - Scott	25 W9PMA - Phil
26	27 N8XLS - Denny	28 WD9IQV - Charlie	29 WB9YUR - Bill	30 W8MRW - Roy	31 WØPC- Rick	Notes:

RF Exposure Safety Rules (Continued)

In a meeting with FCC OET Chief Julius Knapp and senior staff in early November, ARRL asked the FCC to make available on the internet a calculator to facilitate making the correct calculations the rules require. ARRL said that would be preferable to unofficial third-party calculators, the results from which might not be accorded the same degree of deference in local disputes. Several software programs were suggested as models.

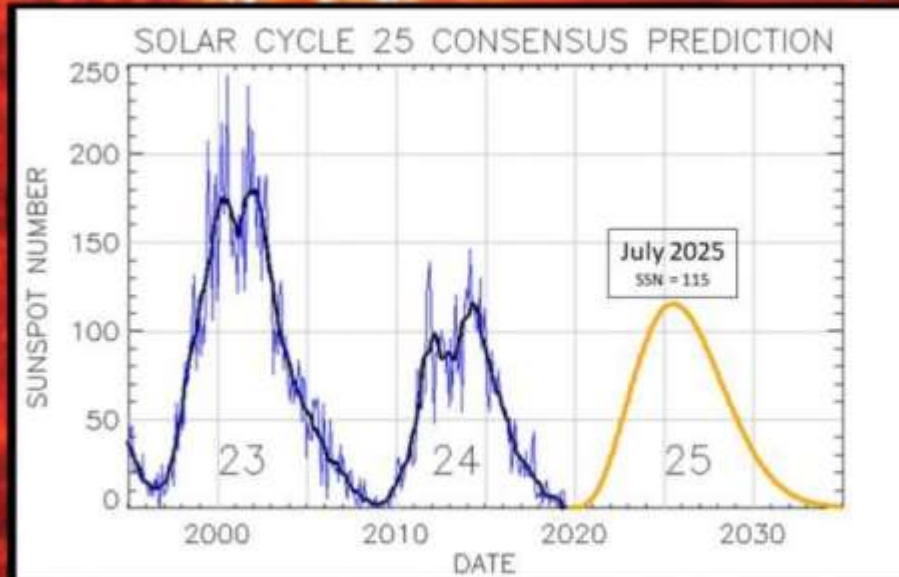
The FCC did not single out amateur radio in drafting its latest RF exposure rules. The rules affect multiple services, and exemptions for many other services were also deleted as part of a broader policy driven by a proliferation of RF devices, some resulting in situations where gain antennas are sited much closer to people than was expected in 1996 when the rules were last revised.

Stay Tuned, 73, Rick

Where is Cycle 25?

Solar Cycle 25 Forecast Update

- Released December 9th, 2019 -



Solar Cycle 25 will have a peak SSN of 115 (± 10) in July 2025
Solar Cycle 24/25 minimum will occur in April, 2020 (± 6 months)

SPACE WEATHER PREDICTION CENTER
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

<https://www.swpc.noaa.gov/news/solar-cycle-25-forecast-update>

published: Monday, December 09, 2019 22:30 UTC

The NOAA/NASA co-chaired, international panel to forecast Solar Cycle 25 released their latest forecast for Solar Cycle 25. The forecast consensus: a peak in July, 2025 (± 8 months), with a smoothed sunspot number (SSN) of 115. The panel agreed that Cycle 25 will be average in intensity and similar to Cycle 24.

Additionally, the panel concurred that solar minimum between Cycles 24 and 25 will occur in April, 2020 (± 6 months). If the solar minimum prediction is correct, this would make Solar Cycle 24 the 7th longest on record (11.4 years).

Net Control Schedule

February 2020						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:						1 KB9VF - Geo
2	3 K8MPV - Bob	4 W1BIC - Scott	5 W9PMA - Phil	6 N8XLS - Denny	7 WD9IQV - Charlie	8 WB9YUR - Bill
9	10 W8MRW - Roy	11 WØPC- Rick	12 KB9VF - Geo	13 K8MPV - Bob	14 W1BIC - Scott	15 W9PMA - Phil
16	17 N8XLS - Denny	18 WD9IQV - Charlie	19 WB9YUR - Bill	20 W8MRW - Roy	21 WØPC- Rick	22 KB9VF - Geo
23	24 K8MPV - Bob	25 W1BIC - Scott	26 W9PMA - Phil	27 N8XLS - Denny	28 WD9IQV - Charlie	29 WB9YUR - Bill

The GM Amateur Radio Club meets the third Tuesday of the month (except July & August) at 7:00 PM, at the

Packard Proving Grounds

49965 Van Dyke Avenue

Shelby Township, MI 48317

[Between 22 Mile & 23 Mile Roads]



Meetings are also Streamed Live on Facebook - search for GM Amateur Radio

February in Florida!



<https://www.hamcation.com/hamcation-tickets>

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Attending HamCation Dates, Times, Parking, Hotels, and More!

Event Information

HamCation 2020

All the information you need to attend HamCation 2020 is on these pages. We have location information, hours of operation, driving directions, local hotels & motels, along with a list of other area attractions. For any additional info or questions please feel free to [contact us](#).

Location, Date & Time

Central Florida Fairgrounds and Expo Park
4603 West Colonial Drive
Orlando, Florida 32808

February 7, 2020 | 9AM to 5PM
February 8, 2020 | 9AM to 5PM
February 9, 2020 | 9AM to 2PM

[Get Directions](#)

Ticket Info

Purchase tickets online or via mail. Parking at HamCation is FREE!

Tickets are available online, via mail, or at the event on the days of the event. We accept most forms of payment.

For complete ticket information click below!

[Get Tickets](#)

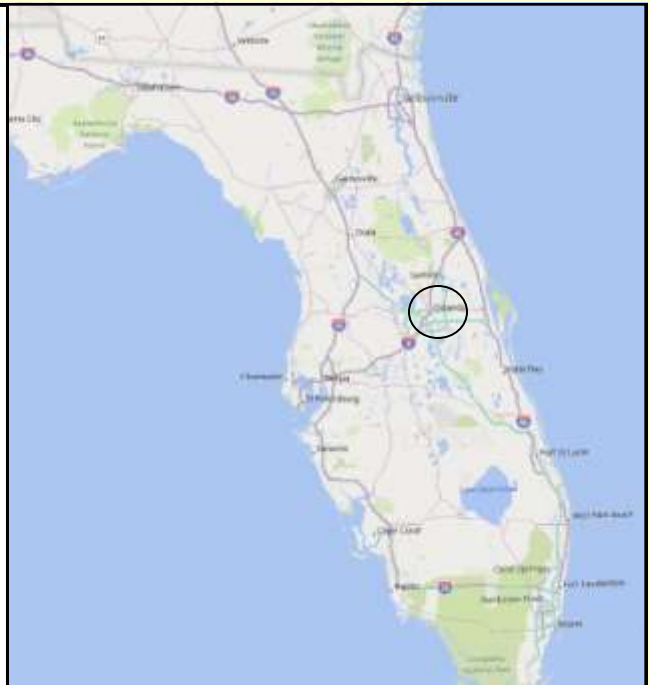
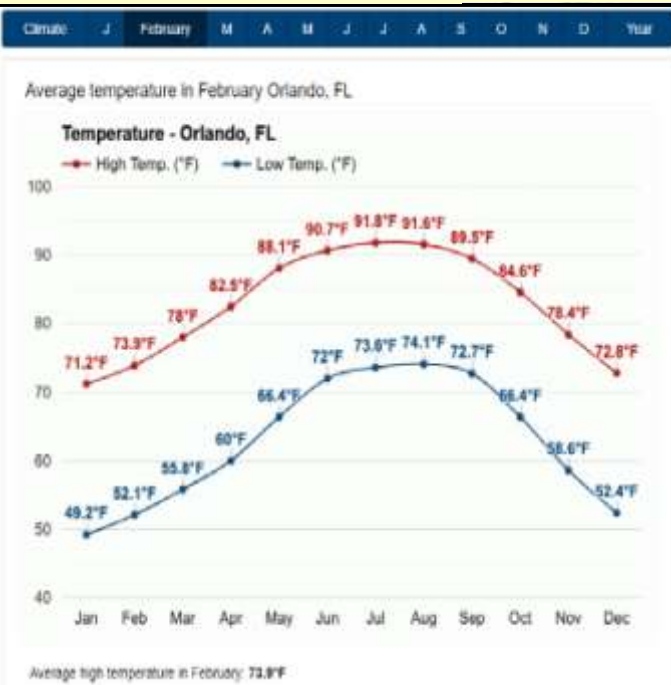
Talk-In

Talk-in will be on the 146.760 (-600/ PL 103.5) KB4UT repeater. This repeater is a mix mode System Fusion repeater located in beautiful downtown Orlando and has good coverage throughout the central Florida region.

Backup talk-in will be on the 443.050 (+5.00 PL 103.5) repeater.

DSTAR: K1XC 146.820 - 600

Who is going to HamCation in February? A bunch of our GM Net group will be there. I hope to get us together there for pictures and an eyeball QSO. 73, Rick



Net Control Schedule

March 2020						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
0	W8MRW - Roy	WØPC - Rick	KB9VF - Geo	K8MPV - Bob	W1BIC - Scott	W9PMA - Phil
8	9	10	11	12	13	14
	N8XLS - Denny	WD9IQV - Charlie	WB9YUR - Bill	W8MRW - Roy	WØPC - Rick	KB9VF - Geo
15	16	17	18	19	20	21
	K8MPV - Bob	W1BIC - Scott	W9PMA - Phil	N8XLS - Denny	WD9IQV - Charlie	WB9YUR - Bill
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	W8MRW - Roy	WØPC - Rick	KB9VF - Geo	K8MPV - Bob	W1BIC - Scott	W9PMA - Phil
29	30	31	Notes:			
	N8XLS - Denny	WD9IQV - Charlie				



Amateur Radio Club

WWW.GMARC.ORG

443.075 MHz + 123 Hz PL
145.210 MHz - 123 Hz PL
EchoLink® Node # 99846



WW8GM

443.075 MHz + 123 Hz PL
145.210 MHz - 123 Hz PL

775 Feet Above the Detroit River
Atop GM World HQ
300 Renaissance Center
Detroit, MI 48265-0001

EchoLink® Node: 99846

Michigan / Wayne County - Grid: EN82



Amateur Radio Club

www.gmarc.org

GM Amateur Radio Club Membership Application

Membership in the GM Amateur Radio Club is open to anyone interested in amateur radio

New Member [] Renewal [] Heritage []

Present Call Sign _____ ARRL member yes/ no _____

Name _____

I would like to be called _____ (This will be used for the First Name on your ID Badge)

Mailing address _____

City _____ State _____ Zip _____

County _____ Home Phone # _____

Cell phone # _____ Work Phone # _____

E-mail address _____

If you are/were a GM employee - Work location _____

Yearly dues are: January 1 -- December 31

[] \$20.00 Individual [] \$30.00 Family [] Heritage \$10 (first year free)

Please make checks payable to: **GM Amateur Radio Club or GMARC**

Note: Please enclose a passport photo (for your membership id)

Mail to: **GMARC**
Bobby Corr - N8CY
45601 Fox Ln w apt 106
Shelby Township, MI 48317-5054

Note from the Editor: Many of our old Firebird ARC have also joined the GMARC as "Heritage" members. Nets are on WW8GM/R (443.075 MHz) linked to Echolink via WW8GM-R Monday's @ 8 PM EST or 0:00 Z