

Michigan QSO Party (MiQP)

Sponsored by the Mad River Radio Club

- 1) **Object:** For amateurs outside the state of Michigan to make contact with as many Michigan stations as possible. Non-Michigan stations may work only Michigan stations, while Michigan stations may contact anyone.

- 2) **Contest Period:** The Michigan QSO Party occurs on the Saturday of the third full weekend in April. For the year 2009, the contest will start on Saturday, April 18, 2009. The contest period runs from 1200 EDST to 2400 EDST (16Z Saturday until 04Z Sunday). All stations may operate the full twelve hours.

- 3) **Frequency Bands and Modes:** CW and SSB on 80, 40, 20, 15 and 10 meters. Stations may be worked once per band and mode; i.e., K8CC may be worked on both 40 CW and 40 SSB for QSO points credit.

- 4) **Entry Categories:**
 - (a) **Single Operator** – Entries where one person performs all operating and logging functions. Use of spotting nets (operator arrangements involving assistance through DX-alerting nets, PacketCluster or Internet) is not permitted. Single operators who receive any form of assistance such as spotting nets are classified as multi-operator. Only one (1) transmitted signal on the air at any time. Single operator entries will be categorized by output power: **QRP** (less than 5W output), **Low Power** (less than 100W output) or **High Power** (greater than 100W output).

 - (b) **Multi Operator** – Entries where more than one operator performs the operating and logging functions. Multi-operator entries must operate under a single callsign. Multi-operator entries are categorized by the number of transmitted signals on the air at any one time: **Single-Transmitter** (one transmitted signal) or **Multi-Transmitter** (multiple transmitted signals).

 - (c) **Mobile** – Entries which are self-contained (radio, antenna, and power source) and capable of motion while in operation. Motion is not required. Mobile entries are categorized by the number of operators: **Solo-Operator** (one person performs all the operating, logging, driving and navigation functions), or **Multi-Operator** (may have multiple persons performing the operating, logging, driving and navigation functions). All mobile entries are limited to a single transmitter of 100W output or less. Mobile entries may submit separate logs for each geographic area activated, or a single overall log. If a single log is submitted, the county operated from must be shown clearly for each QSO.

 - (d) **Emergency Operations Center (EOC) Station** – Michigan entries located at an established EOC site, activated by an individual or group. An EOC category entry may utilize permanently installed equipment and antennas, or equipment/antennas temporarily installed at the EOC for the event. EOC entries are not categorized by the number of transmitters, the power used, or the number of operators.

- 5) **Contest Exchange:**
 - (a) Michigan stations send a sequential serial number beginning with 001, and their Michigan county. All Michigan stations are encouraged to use the official MiQP county abbreviation in their exchange on CW.

 - (b) Non-Michigan W/VE stations (including KH6/KL7) send a sequential serial number beginning with 001, and their state or province.

 - (c) DX stations outside of W/VE send a sequential serial number beginning with 001, and “DX”.

- (d) Mobile stations are allowed to maintain a continuous sequence of serial numbers for all contacts, or may begin with serial number 001 for each separate geographic area activated. The only requirement is that no serial number be repeated within one geographic area.

6) **Scoring:**

- (a) **QSO Points** – Each complete non-duplicate SSB contact is worth one point. Each complete non-duplicate CW contact is worth two points. Duplicate contacts are worth zero points.
- (b) **Multipliers** – Multipliers are counted once per mode. Working the same multiplier on both CW and SSB counts as two multipliers.
1. For Michigan stations, multipliers are 49 American states (excluding Michigan), 83 Michigan counties and 14 Canadian provinces (NF, LB, NB, NS, PEI, QC, ON, MB, SK, AB, BC, NWT, YT, NU). DX stations do not have any multiplier credit, but may be worked for QSO points credit.
 2. For all other stations, multipliers are the 83 Michigan counties.
- (c) **Final Score** – For non-mobile stations, multiply QSO points by the total number of multipliers. For mobile stations, multiply the total QSO points from all counties activated by the total number of unique multipliers worked from all counties activated.
- (d) **Club Competition** – Scores attributed to any amateur radio club will be credited towards that club. All clubs with two or more credited scores will be included in an overall ranking of those scores with a certificate awarded to the club with the highest score. It is not necessary for the club to submit a roster or list of claimed entrants. Michigan and non-Michigan clubs will be ranked separately.

As the sponsoring club of the MiQP, the Mad River Radio Club is excluded from this competition, although its members may attribute their scores for other Michigan clubs to which they belong.

7) **Suggested Frequencies:**

CW – 3.545, 7.045, 14.045, 21.045 and 28.045. SSB – 3.800, 7.200, 14.250, 21.300 and 28.450. Fixed stations are urged to call CQ away from these frequencies to keep them clear for mobile stations. Look for 28 MHz activity during the even-numbered daylight hours, and 21 MHz activity during the odd-numbered daylight hours. Look for SSB activity on the hour and CW on the half hour.

8) **Miscellaneous:**

- (c) Callsigns and exchanged information must be received and confirmed by both stations for a complete QSO.
- (d) No cross-mode contacts – CW contacts must be made in the CW portions of the band.
- (e) A station (fixed or mobile) used to make one or more MiQP QSOs may not be subsequently used under any other callsign to make MiQP QSOs. The one exception to this are family stations where more than one call is assigned. No individual shall make MiQP QSOs utilizing more than one callsign from a single station.
- (f) Operators of a multi-operator station may not make MiQP QSOs with that station from another location (fixed or mobile), regardless of the location the QSOs are made from or the callsign used for the QSOs.
- (g) Portable stations are categorized the same as fixed stations. All contacts for a given portable entry must be made from a single county, state or province. A portable station may change locations during the contest (subject to rule 8.e below) and operate from multiple counties, states or provinces, each of which is a separate entry.

- (h) Mobile or portable stations that change geographic area (counties for Michigan stations, state or province for others) are considered to be a new station and may be contacted again for QSO points and multiplier credit. No station may claim simultaneous operation in more than one county, state, or province. A mobile or portable station must move a minimum of 500 feet before claiming to be in a new county, state or province.

9) **Reporting:**

- (a) A minimum MiQP entry consists of a log of all contacts made and an entry summary.

Logs must clearly indicate band, mode, date and time, received callsign and both sent and received exchanges for all QSOs. All entries are encouraged to use the official MiQP county abbreviation for logging the received exchange from Michigan stations.

The entry summary must at a minimum show the entrant's callsign, operating location (county, state or province) and mailing address. Michigan entries that are members of a Michigan club should indicate such on their summary sheet so that their score may be credited to their club.

All logs will be re-scored by the MiQP Contest Committee so scoring the log and reporting a claimed score is optional.

- (b) All entries are encouraged to submit their entry in computer-readable format. MiQP is supported by both the NA and TRLog contest logging programs. Entries may be submitted in the native file formats for NA (.QDF) or TRLog (LOG.DAT), Cabrillo or a plain ASCII file. Electronic entries in TRLog or plain ASCII formats must also include an ASCII summary sheet file (no word processor documents). Entries may be submitted via e-mail to logs@miqp.org or on an IBM compatible, MS-DOS formatted 3½ inch diskette to the contest address in section 9.f.
- (c) All entries (hardcopy or electronic) must be postmarked no later than 30 days after the end of the contest. No late entries can be accepted so that the results can be published in a timely manner.
- (d) Entry forms (rules, summary sheet, log sheet and county abbreviations) are available for downloading in MS-Word format from the MiQP web site at <http://www.miqp.org>.
- (e) Final results of the contest will be posted on the MiQP web site. A hard copy of the final results can be obtained by sending a business size SASE to the contest address in section 9.f.
- (f) Paper logs or diskettes are to be sent to: Mad River Radio Club, c/o Dave Pruett, 2727 Harris Road, Ypsilanti, MI 48198.

10) **Awards:**

- (a) Plaques will be awarded for the top entry in the following categories:

High Score – Michigan Single Operator - High Power
High Score – Michigan Single Operator - Low Power
High Score – Michigan Single Operator - QRP
High Score – Michigan Multi-Operator – Single Transmitter
High Score – Michigan Multi-Operator – Multi Transmitter
High Score – Michigan Mobile – Solo Operator
High Score – Michigan Mobile – Multi Operator
High Score – Michigan Emergency Operations Center Station
High Score – Non-MI Single Operator – Eastern/Central Time Zone
High Score – Non-MI Single Operator – Mountain/Pacific Time Zone

- (b) Certificates will be awarded to the top single-op entry from each Michigan county making at least 50 QSOs.

- (c) Certificates will be awarded to the top single-op entry from each state, Canadian province, and DXCC country making at least 25 QSOs.
- (d) Certificates will be awarded to the 2nd and 3rd place finishers from Michigan in the multi-single, multi-multi, mobile-solo and mobile-multi categories.
- (e) A certificate will be awarded to the highest scoring Michigan and non-Michigan club in the Club Competition described in section 6.D.
- (f) The single operator who works the highest number of unique Michigan counties in the contest will be awarded a certificate. Separate awards will be given for Michigan and out-of-state entries.
- (g) The Michigan Single-Operator participating in their first MiQP and who submits the highest score will be awarded the 'MiQP Rookie Of The Year' plaque.

MICHIGAN QSO PARTY _____

Call Used: _____

Location: _____

Category: _____

Power: _____

If guest or multi-operator, show calls of all operators and loggers:

Club Name: _____

band	CW QSOs	Phone QSOs
80		
40		
20		
15		
10		
Total QSOs		
Multipliers		

QSO points (_____ + _____) CW Phone

X

Multipliers (_____ + _____) CW Phone
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Final Score

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Comments:

I have observed all competition rules as well as all regulations for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the Michigan QSO Party contest committee.

Date _____ Signature _____ Call _____

Mailing Address:

Callsign: _____

Exchange: _____

Date Mmddyyyy	Band/ Mode	UTC Time	sent nr	rcvd			New	Pts
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Totals	this	Page		QSOs	mults		Pts	

Callsign: _____

Exchange: _____

Date Mmddyyyy	Band/ Mode	UTC Time	sent nr	rcvd			New	Pts
				callsign	nr	QTH		
			51					
			52					
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MICHIGAN QSO PARTY MULTIPLIER CHECKLIST

MICHIGAN COUNTIES (83 total)

		CW	Ph
Alcona	ALCO		
Alger	ALGE		
Allegan	ALLE		
Alpena	ALPE		
Antrim	ANTR		
Arenac	AREN		
Baraga	BARA		
Barry	BARR		
Bay	BAY		
Benzie	BENZ		
Berrien	BERR		
Branch	BRAN		
Calhoun	CALH		
Cass	CASS		
Charlevoix	CHAR		
Cheboygan	CHEB		
Chippewa	CHIP		
Clare	CLAR		
Clinton	CLIN		
Crawford	CRAW		
Delta	DELT		
Dickenson	DICK		
Eaton	EATO		
Emmet	EMME		
Genesee	GENE		
Gladwin	GLAD		
Gogebic	GOGE		
Gratiot	GRAT		

		CW	Ph
Gr. Traverse	GRTR		
Hillsdale	HILL		
Houghton	HOUG		
Huron	HURO		
Ingham	INGH		
Ionia	IONI		
Iosco	IOSC		
Iron	IRON		
Isabella	ISAB		
Jackson	JACK		
Kalkaska	KALK		
Kent	KENT		
Keweenaw	KEWE		
Kalamazoo	KZOO		
Lake	LAKE		
Lapeer	LAPE		
Leelanau	LEEL		
Lenawee	LENA		
Livingston	LIVI		
Luce	LUCE		
Mackinac	MACK		
Macomb	MACO		
Manistee	MANI		
Marquette	MARQ		
Mason	MASO		
Montcalm	MCLM		
Mecosta	MECO		
Menominee	MENO		

		CW	Ph
Midland	MIDL		
Missaukee	MISS		
Monroe	MONR		
Montmorency	MTMO		
Muskegon	MUSK		
Newaygo	NEWA		
Oakland	OAKL		
Oceana	OCEA		
Ogemaw	OGEM		
Ontonagon	ONTO		
Osceola	OSCE		
Oscoda	OSCO		
Otsego	OTSE		
Ottawa	OTTA		
Presque Isle	PRES		
Roscommon	ROSC		
Saginaw	SAGI		
Sanilac	SANI		
Schoolcraft	SCHO		
Shiawassee	SHIA		
St Clair	STCL		
St Joseph	STJO		
Tuscola	TUSC		
Van Buren	VANB		
Washtenaw	WASH		
Wayne	WAYN		
Wexford	WEXF		

STATES & PROVINCES (63 Total)

		CW	Ph
Connecticut	CT		
Massachusetts	MA		
Maine	ME		
New Hampshire	NH		
Rhode Island	RI		
Vermont	VT		
New Jersey	NJ		
New York	NY		
Delaware	DE		
Maryland	MD		
Pennsylvania	PA		
Alabama	AL		
Florida	FL		
Georgia	GA		
Kentucky	KY		
N Carolina	NC		
S Carolina	SC		
Tennessee	TN		
Virginia	VA		
Arkansas	AR		
Louisiana	LA		

		CW	Ph
Mississippi	MS		
New Mexico	NM		
Oklahoma	OK		
Texas	TX		
California	CA		
Hawaii	HI		
Alaska	AK		
Arizona	AZ		
Idaho	ID		
Montana	MT		
Nevada	NV		
Oregon	OR		
Utah	UT		
Washington	WA		
Wyoming	WY		
Ohio	OH		
West Virginia	WV		
Illinois	IL		
Indiana	IN		
Wisconsin	WI		
Colorado	CO		

		CW	Ph
Iowa	IA		
Kansas	KS		
Minnesota	MN		
Missouri	MO		
Nebraska	NE		
North Dakota	ND		
South Dakota	SD		
Nova Scotia	NS		
Quebec	QC		
Ontario	ON		
Manitoba	MB		
Saskatchewan	SK		
Alberta	AB		
Br Columbia	BC		
NW Territories	NWT		
New Brunswick	NB		
Newfoundland	NF		
Labrador	LB		
Nunavut	NU		
Yukon	YUK		
Pr Edward Isl	PEI		

MICHIGAN COUNTY MAP

