

# Michigan City Yacht Club

## Sailing Instructions

Aug 12 -- PHRFection PTP to Michigan City -- MCYC

Preliminary

### 1 GENERAL

See GSI 13. Time reference CDT. **Radio:** Channel 78. See GSI 22.

This race brings together racers from different areas with minimal travel to the starting areas and maximum fun at the destination. We give latitude for starting location and time so that fleets are can finish before the time limit. We should like the fleets from four different harbors to arrive in time for dinner and party.

'Corrected Speed' will be used to rank finishers.

**Corrected Speed = distance/corrected\_time = distance / (elapsed\_time - distance\*PHRF).**

**Corrected Speed with wind adjustment = distance/corrected\_time = distance / (elapsed\_time\*WCF - distance\*PHRF).**

**The RC will include a WCF if weather model analysis output is accessible and represents actual conditions.**

JAM and Cruising Spinnaker boats will be in the same class. Skippers: both classes will appear on the entry form. Enter the class that defines how you will sail. The RC will combine the two classes into a single class, using the appropriate handicap.

### 1.2 COURSE

Start	Finish	Heading	Distance
Starting Line 1 - Waukegan	MC	133	54.3
Starting Line 2 - Chicago North	MC	111	34.3
Starting Line 3 - Chicago Central/South	MC	103	29.6
Starting Line 4 - St Joseph MI	MC	219	29.2

### 1.4 SAFETY

Life rafts or GPIRBs are suggested.

### 1.5 CLASS BREAKS

**See LMPHRF Section Breaks (GSI 7.3\_ Race Table B) (One Design boats may participate and will be scored in the appropriate LMPHRF section)**

### 1.6 OFFICIAL NOTICE BOARD

Area III website Official Notice Board.

## 2 STARTING:

### 2.1 STARTING AREA

The race will have four starting areas.

Starting Line 1-Waukegan : Shoals Lighted Buoy #3 Outside Waukegan Harbor: 42 21.68N; 87 47.88W

Starting Line 2- Chicago North: Red Nun buoy: 41 56.63; 87 37.66

Starting Line 3-Chicago Central/South : Starting Area 7

Starting Line 4 - St Joseph MI : Outside St. Joseph Harbor: 42 06.92N; 86 29.80W

Starting lines 1, 2 & 4 will not have a committee boat. Starting mark to port. MORF will provide RC boat for Starting Line 3.

### 2.2 STARTING SEQUENCE

Starting Lines 1, 2 & 4 will have one start for mono-hulls followed by one start for multi-hulls.  
Starting Line 3 will have multiple section starts.

Starting Line 1 Waukegan - Outside Waukegan Harbor: Mono-hulls will cross the starting line at 0830 hrs CDT  
Starting Line 2 Chicago North - Outside Belmont Harbor: Mono-hulls will cross the starting line at 1005 CDT.

Starting Line 3: Chicago Central/South - Area III Boats and MORF Fleet boats will start at SA7. First warning is 1000. The Starting sequence will be as follows: Jam & Cruise ('9', 'V' flags) 1005 hrs; MORF Spin ('Q' flag) 1010 hrs; Non-MORF Spin ('5','4','3','2','1' flags) 1015; Multihull ('T' flag) 1020 hrs CDT

Starting Line 4: St Joseph MI, outside St. Joseph Harbor. Mono-hulls will cross the starting line at 1005 hrs, CDT.

## 2.3 STARTING LINE

Starting Lines 1, 2 and 4: A line perpendicular to course, 200 yd or less in length, with port end at the designated mark. Be watchful of depth.

Starting Line 3: Between the designated mark to port and the RC. If no RC is on station, then the start will be between the designated mark to port and a line at a right angle to the finish mark.

## 2.4 ALTERNATE STARTING

**Waukegan fleet may elect to start on Friday evening. If so, the entire Waukegan fleet must start then.**

**In the event light winds exist within 30 minutes before the start time, a new start point (Lat/Long) will be broadcast (Channel 78) by a start monitor at each start line and all boats will motor to the designated point. The start monitor will then insure all boats have arrived at the new start point and announce a revised start time. The starting line will be at a right angle to the direction to the finish. All boats will have sails furled prior to the start and will then raise sails at the revised start time to begin the race. A 'rabbit start' may be performed instead of the 'sails furled' procedure.**

**Competitors shall state the revised starting area GPS coordinates and start times on their finish report upon arrival at Michigan City Harbor. Please send same to [herbphilb@me.com](mailto:herbphilb@me.com).**

## 3 FINISHING

A line between the RC boat and an inflatable mark or fixed MCYC mark. The mark shall be left to PORT. The finish line will be set in a generally easterly-westerly orientation.

The port end of the line will be at approximately 41° 44.40' N and 86° 54.70' W.

Sail Number Boards shall be displayed on the yacht's starboard side. Yacht Finish Reports are required and must be turned in at RC headquarters within 30 minutes of mooring. If an alternate start line is used, please include the time of start and the lat & lon.

### 3.1 ALTERNATE FINISHING

Pass the fixed MCYC racing Mark 5, 41° 44.40' N and 86° 54.70' W, in a southerly direction as close as practicable to port.

### 3.2 TIME LIMIT

Only yachts finishing by 2000 hours on Saturday will be considered as finishing.

## 4 PRIZES

Prizes will be awarded to the combined fleet (Area 3 + MORF) on the basis of 'corrected speed'. Area 3 class breaks will be used for the combined fleet.

1st, 2nd & 3rd place brag flags for boats in LMPHRF Sections 1 through 5 and 'JAM / Cruising Spinnaker' will be awarded. An overall winner flag will also be awarded. Race results will be posted on the Area III website for all Area III participants. Race results for all the boats competing in the race (Area 3 + MORF) will be posted at [MCYC.com](http://MCYC.com) and [MORFracing.org/](http://MORFracing.org/).

## 6 DOCKAGE

Registered yachts can moor next to Millennium Plaza (next to Franklin St. bridge) at no charge. The Michigan City In-water Boat Show will occupy the spaces in Trail Creek from the USCG station to the bend.

Per 2014 USACE surveys, water depth from the lighthouse to the USCG is 14'. Around the boat show piers depth is 11'. Around the bend, the center of the channel is 8', but deepens quickly off center toward the north wall.

[www.mcy.com/sail-race-program/](http://www.mcy.com/sail-race-program/) select Trail Creek Depth Readings 2014

These surveys reference a mean low water datum. Present water levels may vary.

Slips in the basin can be rented via MC Port Authority (219-872-1712).

## 7 SOCIAL ACTIVITIES

MCYC will host a complimentary Rum Party and Awards Ceremony in Millennium Plaza following the race.

Skippers shall visit RC HQ to obtain party tickets for their crew.

Participating skippers and sailors can visit the Boat Show free.

Toilets are accessible through the Boat Show.

The bath house East of the Coast Guard station is available through the Boat Show, until closing. Afterward, the bath house will be directly accessible.

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