# Columbia Cup Regatta Sailing Instructions 

August 7-8, 2021
Organizing Authority (OA) - Columbia Yacht Club (COLYC)
Chicago, IL, USA

## SAILING INSTRUCTIONS - Distance Event - Distance Courses <br> Amendment 3 <br> Posted August 5, 2021

(The following establishes the courses mentioned in the Sailing Instructions Section 7 and replaces section 7)

## 7. COURSE

a. A courtesy VHF Radio Broadcast, announcing the intended course will also be made prior to any preparatory signals. Failure to hear or receive this broadcast is not grounds for redress.
b. Course Options will be posted on the regatta page of Yachtscoring.com by August 6, 2021.
c. Summary of courses:

| Course | Direction | Length NM |
| :--- | :--- | ---: |
| A | South | 18.53 |
| B | North | 16.29 |
| C | North | 15.18 |
| D | South | 13.07 |
| E | North | 10.45 |
| F | South then North | 12.78 |

d. Summary of waypoints:

| MARK | LOCATION / Deg-Min.Dec Min | Reference / Deg-Min-Sec |
| :--- | :--- | :--- |
| Distance Start - Circle 1 | $41^{\circ} 54.0^{\prime} \mathrm{N}, 087^{\circ} 32.0^{\prime} \mathrm{W}$ | COLYC Distance Sailing Instructions |
| Clemson Shoal Lighted Bell Buoy 4 | $41^{\circ} 48.41^{\prime} \mathrm{N}, 087^{\circ} 32.08^{\prime} \mathrm{W}$ | Light List \#19910: 41-48-24.565N, 087-32-04.726W |
| Distance Finish / CASRA Area E | $41^{\circ} 52.80^{\prime} \mathrm{N}, 087^{\circ} 34.46^{\prime} \mathrm{W}$ | CASRA Area E-128 ${ }^{\circ} \mathrm{T}, 0.9 \mathrm{NM}$ from Chicago Harbor Light |
| Four Mile Crib | $41^{\circ} 52.4^{\prime} \mathrm{N}, 087^{\circ} 32.7^{\prime} \mathrm{W}$ | Light List \#19925: 41-52-24.000N, 087-32-42.000W |
| Harrison - Dever Crib | $41^{\circ} 55.00^{\prime} \mathrm{N}, 087^{\circ} 34.30^{\prime} \mathrm{W}$ | Light List \#20040: 41-55-00.000N, 087-34-18.000W |
| Indiana Shoal Buoy 2 | $41^{\circ} 46.17 \mathrm{~N}^{\prime} \mathrm{N}, 087^{\circ} 23.45^{\prime} \mathrm{W}$ | Light List \#19785: 41-46-10.332N, 087-23-26.733W |
| North Offset Mark | $41^{\circ} 54.00^{\prime} \mathrm{N}, 087^{\circ} 28.00^{\prime} \mathrm{W}$ | 3 NM East of COLYC North Circle |
| Northeast Shoal Lighted Buoy 2 | $41^{\circ} 45.60^{\prime} \mathrm{N}, 087^{\circ} 28.03^{\prime} \mathrm{W}$ | Light List \#19790: 41-45-36.268N, 087-28-02.018W |
| Sixty-Eighth Street Crib Light | $41^{\circ} 47.18^{\prime} \mathrm{N}, 087^{\circ} 31.80^{\prime} \mathrm{W}$ | Light List \#19870: 41-47-10.500N, 087-31-48.000W |
| Wilson Crib | $41^{\circ} 58.00^{\prime} \mathrm{N}, 087^{\circ} 35.50^{\prime} \mathrm{W}$ | Light List \#20135: 41-58-00.000N, 087-35-30.000W |

1. Course $A(18.53 N M)$ will be signaled using a Marker Board on the Committee boat with the letter " $A$ ".

| Course A |  |  |
| :--- | :--- | :--- |
| MARK | $\underline{\text { LOCATION }}$ | ROUNDING |
| Distance Start - Circle 1 | $41^{\circ} 54.0^{\prime} \mathrm{N}, 087^{\circ} 32.0^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |
| Four Mile Crib | $41^{\circ} 52.4^{\prime} \mathrm{N}, 087^{\circ} 32.7^{\prime} \mathrm{W}$ | Leave to port |
| Northeast Shoal Lighted Buoy 2 | $41^{\circ} 45.60^{\prime} \mathrm{N}, 087^{\circ} 28.03^{\prime} \mathrm{W}$ | Leave to starboard |
| Sixty-Eighth Street Crib Light | $41^{\circ} 47.18^{\prime} \mathrm{N}, 087^{\circ} 31.80^{\prime} \mathrm{W}$ | Leave to starboard |
| Clemson Shoal Lighted Bell Buoy 4 | $41^{\circ} 48.41^{\prime} \mathrm{N}, 087^{\circ} 32.08^{\prime} \mathrm{W}$ | Leave to port (avoid shallows to <br> west) |
| Distance Finish / CASRA Area E | $41^{\circ} 52.80^{\prime} \mathrm{N}, 087^{\circ} 34.46^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |

Figure 1: Course A

2. Course $B(16.29 \mathrm{NM})$ will be signaled using a Marker Board on the Committee boat with the letter "B".

| Course B |  |  |
| :--- | :--- | :--- |
| MARK | LOCATION | ROUNDING |
| Distance Start - Circle 1 | $41^{\circ} 54.0^{\prime} \mathrm{N}, 087^{\circ} 32.0^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |
| Wilson Crib | $41^{\circ} 58.00^{\prime} \mathrm{N}, 087^{\circ} 35.50^{\prime} \mathrm{W}$ | Leave to port |
| Harrison - Dever Crib | $41^{\circ} 55.00^{\prime} \mathrm{N}, 087^{\circ} 34.30^{\prime} \mathrm{W}$ | Leave to port |
| Wilson Crib | $41^{\circ} 58.00^{\prime} \mathrm{N}, 087^{\circ} 35.50^{\prime} \mathrm{W}$ | Leave to port |
| Distance Finish / CASRA Area E | $41^{\circ} 52.80^{\prime} \mathrm{N}, 087^{\circ} 34.46^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |

Figure 2: Course B

3. Course $C(15.18 \mathrm{NM})$ will be signaled using a Marker Board on the Committee boat with the letter "C".

| Course C |  |  |
| :--- | :--- | :--- |
| MARK | LOCATION | ROUNDING |
| Distance Start - Circle 1 | $41^{\circ} 54.0^{\prime} \mathrm{N}, 087^{\circ} 32.0^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |
| North Offset Mark | $41^{\circ} 54.00^{\prime} \mathrm{N}, 087^{\circ} 28.00^{\prime} \mathrm{W}$ | Leave to port |
| Wilson Crib | $41^{\circ} 58.00^{\prime} \mathrm{N}, 087^{\circ} 35.50^{\prime} \mathrm{W}$ | Leave to port |
| Harrison - Dever Crib | $41^{\circ} 55.00^{\prime} \mathrm{N}, 087^{\circ} 34.30^{\prime} \mathrm{W}$ | Leave to starboard |
| Distance Finish / CASRA Area E | $41^{\circ} 52.80^{\prime} \mathrm{N}, 087^{\circ} 34.46^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |


4. Course $D(13.07 \mathrm{NM})$ will be signaled using a Marker Board on the Committee boat with the letter " $D$ ".

| Course D | $\underline{\text { LOCATION }}$ | ROUNDING |
| :--- | :--- | :--- |
| MARK | $041^{\circ} 54.0^{\prime} \mathrm{N}, 087^{\circ} 32.0^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |
| Distance Start - Circle 1 | $41^{\circ} 52.4^{\prime} \mathrm{N}, 087^{\circ} 32.7^{\prime} \mathrm{W}$ | Leave to port |
| Four Mile Crib | $41^{\circ} 48.41^{\prime} \mathrm{N}, 087^{\circ} 32.08^{\prime} \mathrm{W}$ | Leave to starboard (avoid shallows <br> to west) |
| Clemson Shoal Lighted Bell Buoy 4 | $41^{\circ} 47.18^{\prime} \mathrm{N}, 087^{\circ} 31.80^{\prime} \mathrm{W}$ | Leave to starboard |
| Sixty-Eighth Street Crib Light | $41^{\circ} 48.41^{\prime} \mathrm{N}, 087^{\circ} 32.08^{\prime} \mathrm{W}$ | Leave to port (avoid shallows to <br> west) |
| Clemson Shoal Lighted Bell Buoy 4 | $41^{\circ} 52.80^{\prime} \mathrm{N}, 087^{\circ} 34.46^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |
| Distance Finish / CASRA Area E |  |  |

Figure 4: Course D

5. Course $E(10.45 \mathrm{NM})$ will be signaled using a Marker Board on the Committee boat with the letter "E".

| Course E |  |  |  | LOCATION | ROUNDING |
| :--- | :--- | :--- | :---: | :---: | :---: |
| MARK | $041^{\circ} 54.0^{\prime} \mathrm{N}, 087^{\circ} 32.0^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |  |  |  |
| Distance Start - Circle 1 | $41^{\circ} 55.00^{\prime} \mathrm{N}, 087^{\circ} 34.30^{\prime} \mathrm{W}$ | Leave to starboard |  |  |  |
| Harrison - Dever Crib | $41^{\circ} 58.00^{\prime} \mathrm{N}, 087^{\circ} 35.50^{\prime} \mathrm{W}$ | Leave to starboard |  |  |  |
| Wilson Crib | $41^{\circ} 55.00^{\prime} \mathrm{N}, 087^{\circ} 34.30^{\prime} \mathrm{W}$ | Leave to starboard |  |  |  |
| Harrison - Dever Crib | $41^{\circ} 52.80^{\prime} \mathrm{N}, 087^{\circ} 34.46^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |  |  |  |
| Distance Finish / CASRA Area E |  |  |  |  |  |

Figure 5: Course E

6. Course $F(12.78 \mathrm{NM})$ will be signaled using a Marker Board on the Committee boat with the letter " $F$ ".

| Course $\mathbf{F}$ | $\underline{\text { LOCATION }}$ | $\underline{\text { ROUNDING }}$ |
| :--- | :--- | :--- |
| $\underline{\text { MARK }}$ | $041^{\circ} 54.0^{\prime} \mathrm{N}, 087^{\circ} 32.0^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |
| Distance Start - Circle 1 | $41^{\circ} 52.80^{\prime} \mathrm{N}, 087^{\circ} 34.46^{\prime} \mathrm{W}$ | Leave to starboard |
| CASRA Area E (Floating mark, Also the <br> finish mark) | $41^{\circ} 55.00^{\prime} \mathrm{N}, 087^{\circ} 34.30^{\prime} \mathrm{W}$ | Leave to port |
| Harrison - Dever Crib | $41^{\circ} 58.00^{\prime} \mathrm{N}, 087^{\circ} 35.50^{\prime} \mathrm{W}$ | Leave to port |
| Wilson Crib | $41^{\circ} 52.80^{\prime} \mathrm{N}, 087^{\circ} 34.46^{\prime} \mathrm{W}$ | Between Mark and Flag on Boat |
| Distance Finish / CASRA Area E |  |  |

Figure 6: Course F


