

FINAL
Tacoma Yacht Club
2021 Jack Hyde Memorial Navigation Rally
September 15, 2021

CONTEST DESCRIPTION

Official Mileage: The Official Mileage for this contest is **16.8** nautical miles, which cannot be exceeded.

(12) **Finish Classes:** There will be three finish time brackets (called "finish class" on the log form) as follows:

<u>Finish Class</u>	<u>Flat Water Speed</u>	<u>Finish Time</u>
1	8.00 and under	1300-1310
2	8.01 to 9.00 incl.	1315-1325
3	9.01 and over	1330-1340

COURSE DESCRIPTION

(Lat/Lon's are for actual chart or geographical marks – not waypoints)

STANDING START – Cole Point House abeam to stb at 300 yds (NE Corner) [47° 8.492'N; 122° 40.923'W]

Proceed at Cruise Speed and commence TR-1 at COG 085°T for 0.35 nm

Leg 1 – TR-1 END.

Leg 2 – Sandy Point Bldg NE corner abeam to port at 200 yds [47° 9.047'N; 122° 40.499'W]. Proceed on a COG of 114°T.

Leg 3 – Maintain COG of 114°T until on the range to port of the western-most tree lines of southern Ketron Island. **PROCEED AT SLOW SPEED** on TR-2 at COG 065°T for 0.600 nm.

Leg 4 – TR-2 END. Continue SLOW SPEED on COG 009°T.

Leg 5 – CP-1 Extension Ketron Island Ferry Pier to port (approx. 300 yds off) [47° 9.734'N; 122° 37.753'W]

At CP-1 **RESUME CRUISE SPEED**

Leg 6 – Toliva Shoal Lt abeam to port at 150 yds. [47° 12.146'N; 122° 36.422'W]

Leg 7 – Fox Island Park Pier abeam to port at 200 yds. [47° 13.717'N; 122° 35.387'W]
Proceed directly to CP-2.

Leg 8 – CP-2 Days Island North End House (NE Corner) abeam to stb at 250 yds [47° 14.693'N; 122° 33.681'W]

Leg 9 – New Tacoma Narrows Bridge SW Tower abeam to stb at 100 yds. [47° 16.247'N; 122° 33.279'W]

Leg 10 – Point Evans Light "4" abeam to port at 150 yds. [47° 17.116'N; 122° 32.864'W].
Commence TR-3 at COG 055°T for 0.700 nm

Leg 11 – TR-3 END. At the end of TR-2 **REDUCE SPEED TO SLOW SPEED.**

Leg 12 – NW Corner the northern most Salmon Beach Community house abeam to stb at 200 yds [47° 18.107'N; 122° 32.067'W] **RESUME CRUISE SPEED** and proceed directly to CP-3 Pt Defiance Light.

Leg 13 – CP-3 Pt Defiance Light abeam to stb at 200 yds [47° 19.006'N; 122° 32.888'W]

At CP-3 commence TR-4 at COG 360.0°T for 0.350 nm

Leg 14 – TR-4 END. Immediately commence TR-5 at COG 95.0°T for 0.440 nm,

Leg 15 – TR-5 END. **PROCEED AT SLOW SPEED**

Leg 16 – Owens Beach Bld SW corner abeam to stb at 250 yds. [47° 18.758'N; 122° 31.692'W] **CONTINUE AT SLOW SPEED TO FINISH**

Leg 17 – CP-4 (Finish) NW Corner Pt Defiance Park Bld abeam to stb at 200 yds. [47° 18.463'N; 122° 31.063'W] (near Tacoma side ferry landing)

IMPORTANT NOTE: UPON REACHING THE FINISH LINE, REDUCE TO IDLE SPEED to idle and proceed into the TYC Basin.

OFFICIAL MILEAGE 16.8 nm

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September 09, 2021

INDIVIDUAL ROUTE LEG (WAYPOINT) INFORMATION TABLE

Leg	TR #	Name	Bearing (True)	Dist.	Latitude	Longitude
START		Cole Pt House NE Cnr			47° 8.343' N	122° 40.905' W
1	1	TR-1 END	84.9	0.350	47° 8.375' N	122° 40.392' W
2		Sandy Pt Bld NE end	2.2	0.669	47° 9.043' N	122° 40.355' W
3		Extension western shore of Ketron Isl.	114.0	1.329	47° 8.502' N	122° 38.570' W
4	2	End TR-2	65.0	0.600	47° 8.756' N	122° 37.771' W
5		CP-1 Extension Ketron Isl Ferry Pier	9.0	0.963	47° 9.707' N	122° 37.548' W
6		Toliva Shoal Lt	19.1	2.555	47° 12.122' N	122° 36.319' W
7		Fox Isl Park Pier	24.9	1.713	47° 13.675' N	122° 35.256' W
8		CP-2 Days Isl North End House	41.6	1.471	47° 14.775' N	122° 33.817' W
9		New Tac Nrws Brg SW Tower	12.0	1.516	47° 16.258' N	122° 33.351' W
10		Pt Evans Lt	25.7	0.917	47° 17.084' N	122° 32.765' W
11	3	TR-3 END	55.0	0.700	47° 17.486' N	122° 31.920' W
12		NW Cnr northmost Salmon Bch House	341.9	0.621	47° 18.076' N	122° 32.205' W
13		CP-3 Pt Defiance Lt	328.1	1.035	47° 18.955' N	122° 33.011' W
14	4	TR-4 END	0.0	0.350	47° 19.304' N	122° 33.011' W
15	5	TR-5 END	85.0	0.440	47° 19.343' N	122° 32.364' W
16		Owens Bch Bld	132.5	0.727	47° 18.852' N	122° 31.574' W
17		Finish - Pt Defiance Park Bld NW cnr	127.4	0.511	47° 18.541' N	122° 30.975' W

TYC 2021 Jack Hyde Memorial Navigation Rally

CHARTLET

