

QUANTUM J/70 WINTER SERIES

Event #1 Debrief and Event #2 Prep



QUANTUM SAILS™
TO THE NEXT CHALLENGE.

Photo by Sara Proctor.

AGENDA

- Housekeeping
- Introductions
- Event #1 Debrief
 - Takeaways
 - Communication
 - Strategy
 - Tuning & Trim
- Preparing for event #2
 - Approach
 - Goals
 - Prep
 - Use your resources!
- Questions and Answers

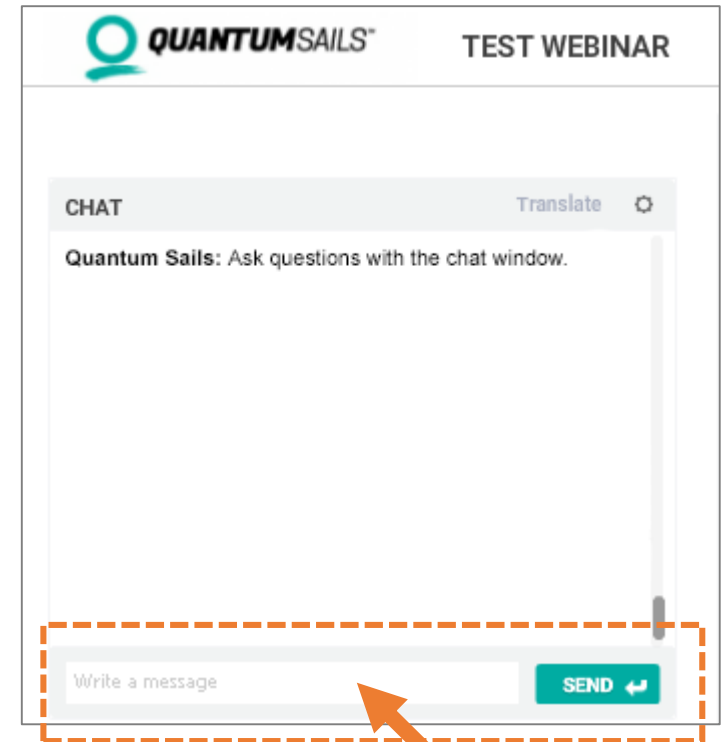


HOUSEKEEPING

Use the chat window to:

- Ask presenters or myself questions.
- Get help with technical issues.
- Send any comments.

After the webinar we will email all registrants a recording of the webinar and answer any questions we weren't able to get to during the webinar.



Type questions here!

SPEAKERS



ALLAN TERHUNE

Director of Inshore One Design



MARTY KULLMAN

Director of Sales

EVENT 1 DEBRIEF AND TAKEAWAYS

EVENT 1



- Tale of two boats.
- How and why *Reach Around* succeeded.
- Why did the *Dazzler* team struggle with execution?
- Our takeaways from the event.

CREW COMMUNICATION

Define roles and responsibilities

- What is your communication strategy and is it communicated with your team?
- Define roles and stick to them.
 - Who is calling puffs/lulls?
 - Who is calling tactics?

Always debrief

- Discuss key decisions and open the floor for input.
- What was done right?
- What could have been done better?



BASE STRATEGY

What's your event strategy?

- Get out early and look for trends.
 - Shift cycle? Puff locations? Shifty or consistent?
- Adjust strategy as needed for the day, define it and communicate it.

Set your rig and practice

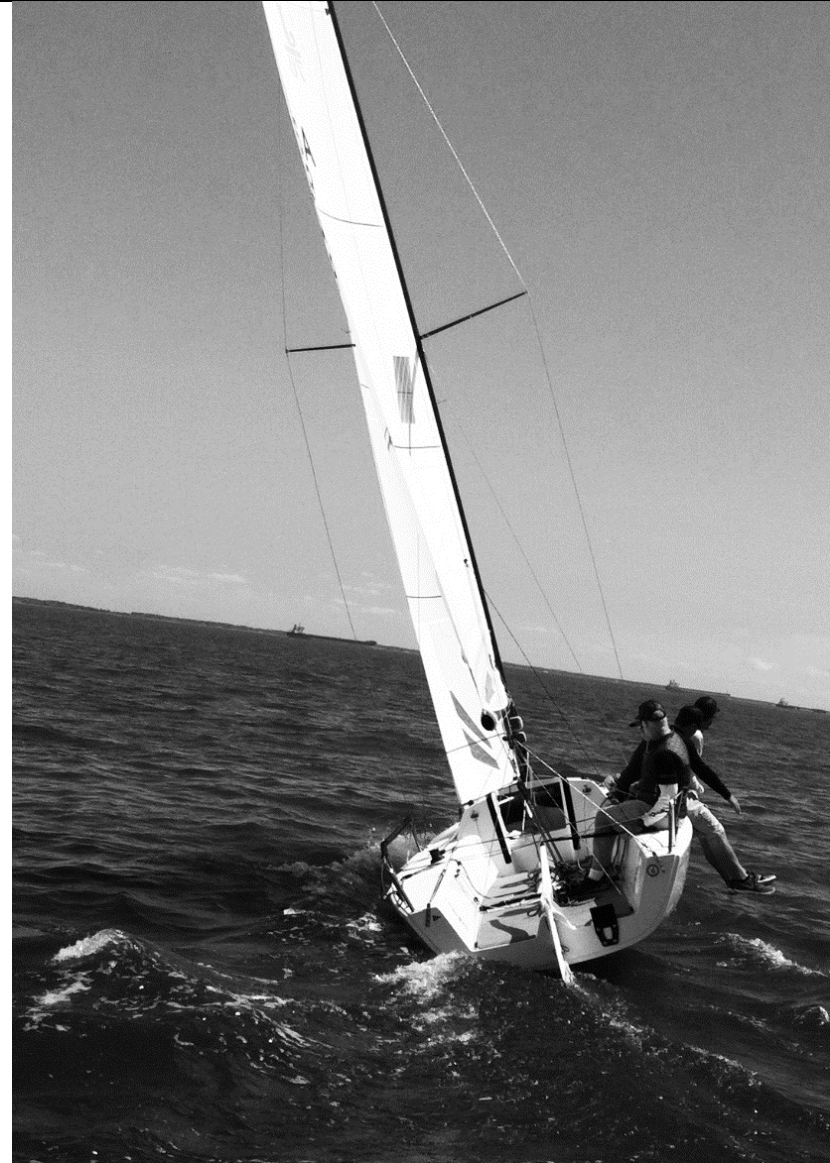
- Look at conditions and talk with other teams to determine the best set up for your team.
- Set rig – Catch the Quantum seminar the Friday before each event.
- Practice wing on wing.
- Set your first beat strategy and be sure to ping both ends early!



TUNING & TRIM

More than just guides

- What to look for.
- Take sail shape photos for review, debriefing, and prep.
- Questions about shape? Lots of resources.



EXAMPLES



EXAMPLES



EXAMPLES



EXAMPLES



QUICK TUNE CHART

TWS	UPPERS	LOWERS	UPPERS	LOWERS	JIB LEAD	WIND SHEET	TRAVELER	VANG	BACKSTAY	JIB FURL
Knots	Turns from base	Turns from base	Tensions PT-2	Tensions PT-2	Holes showing in front	Weather Jib Sheet on	Upwind	Upwind	Upwind	Downwind
0 TO 4	- 7	- 4	9	3" of slop	4	0	Max	0	0	In
5 TO 6	- 5	- 3	15	6	4	1"	Max	0	0	In
6 TO 8	- 3	- 2	18	8	5	1"	Up 8"	Just Firm	0	In
8 TO 10	-2	- 1	20	12	5	1.5"	Up 8"	Just Firm	25%	In
10 TO 12	BASE	BASE	22	14	6	1.5"	Up 6"	25%	25%	In
12 TO 14	+ 2	+ 1	24	16	6	1.5"	Up 6"	50%	50%	In
14 TO 18	+ 3	+ 2	26	20	6	1"	Up 4"	75%	75%	In/Out
18 TO 20	+ 5	+ 3	28	24	6	0.5	Center	80%	80%	Out
20 TO 23	+ 7	+ 4	29	26	7	0	Center	100%	90%	Out
24 TO 26	+ 7	+ 5	29	28	7	0	Center	100%	100%	Out
26 +	+ 8	+ 6	30	29	7	0	Center	100%	100%	Out

*All turns from Base Setting of 10 to 12 TWS

BASE SETTINGS

CALIPER #’S	UPPERS	LOWERS	HEADSTAY	RAKE	PREBEND AT SPREADERS
PORT	_____ mm	_____ mm	_____ mm	4’ 7.5” (55.5”)	2.5” or 64 mm
STARBOARD	_____ mm	_____ mm	_____ mm	Headstay PT-2#	
LOOS PT-2 #	22	14	_____ mm	_____	

**Use Calipers to measure distance between turnbuckles once rig is set up at base for repeatability. Record here on this chart.

Also add tape marks to your spreaders at 18”, 20” and 22” from the side wall of the mast. This will help with jib leech set up and quick leech adjustments upwind.

To measure your rake, mark the headstay at the top of the white band on the mast near the gooseneck. Measure from this mark to the center of the top headstay pin in the jib furler. This is the pin just below the headstay turnbuckle. This number should be 4’ 7.5” at the base set up and will not change.

To measure your prebend place your main halyard at your goosneck and pull tight. Then measure from the back of the mast track to the eye of the main halyard right at the spreaders. This number at base should be 2”



PREPARING FOR EVENT 2

EVENT 2



- How our teams will approach the second event.
- What we will be working on.
- Available resources.

APPROACH

Regattas are won before they even start

- Show up prepared and organized with a clean boat.
- Discuss important details, schedule and expectations with your team.



Boat prep

- All mandatory parts (Life Jackets, Anchor, etc.)
- Sail repair, multi-tool, batten tool.
- Put tell tails on shrouds.
- Confirm deck, jib sheet, and main sheet marks
- Heavy and light battens.
- Food and water for your team.

WHAT TO WORK ON

Set goals

- Identify where your team can improve.
- Set clear goals with your team.
- Communicate and set a plan for executing.

Strengths & weaknesses

- Know them and play to them.
- Set individual goals, too.
- Don't forget to see and acknowledge the positive.



CONDITIONS

Weather patterns

- Mother nature is unpredictable, don't plan on patterns always ringing true.
- Cold front – what's trending?
- Know your wind!
 - Check out *Wind Strategy* by David Houghton and Fiona Campbell

Local knowledge

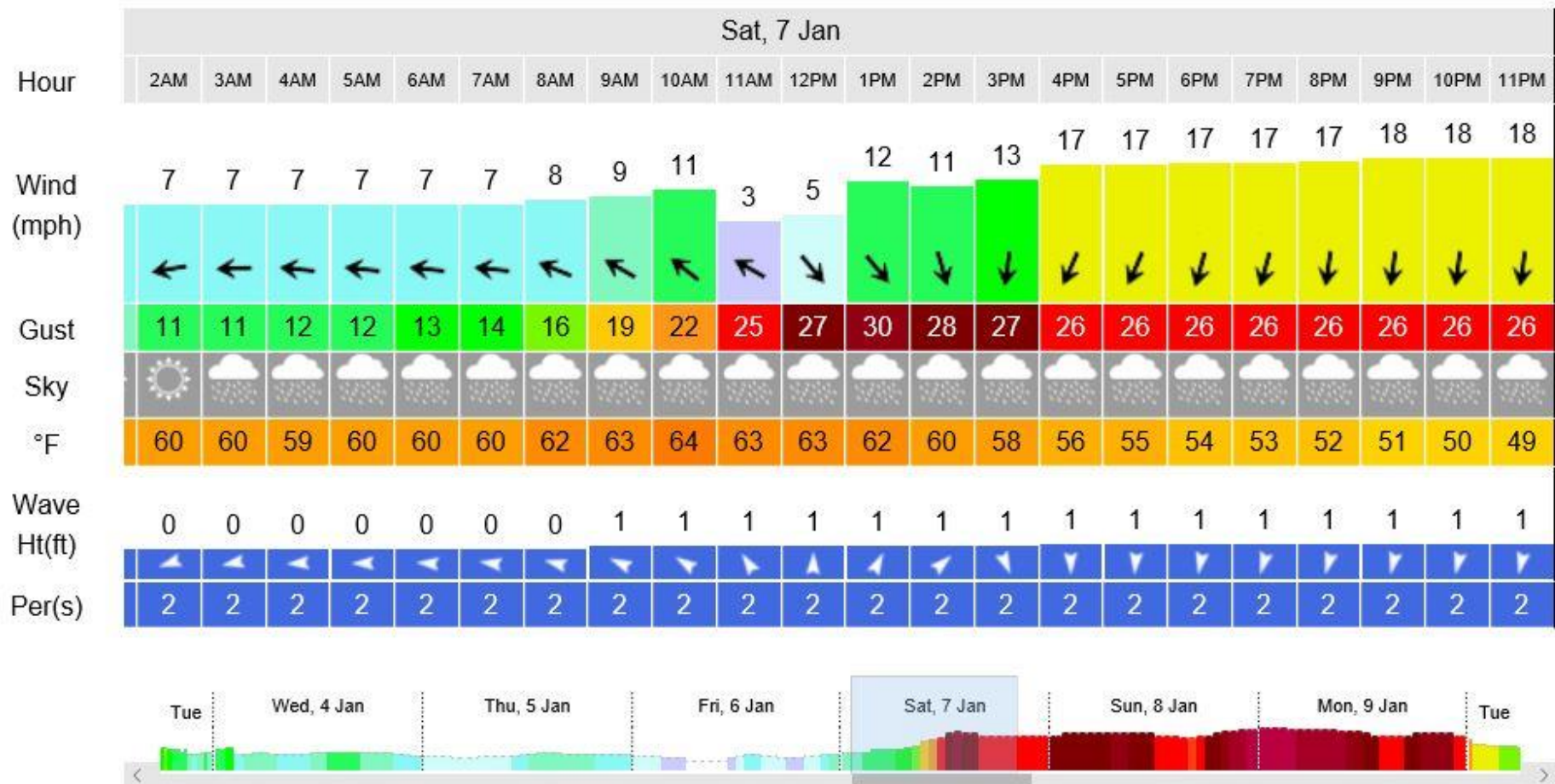
- Geographic influences
- Smoke stacks

Tides

- Channels, shallows, and eddies

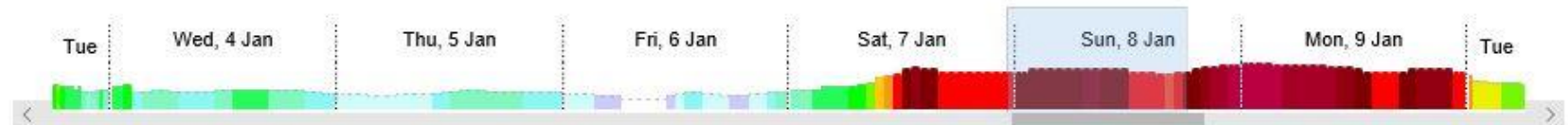


SATURDAY FORECAST



SUNDAY FORECAST

	Sun, 8 Jan																					
Hour	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	12PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM
	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	18	18	17	18	19	19	19
Wind (mph)	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>	<div><div></div><div>↓</div></div>
Gust	27	27	27	28	28	29	29	28	28	27	26	25	25	25	24	25	27	28	29	31	32	33
Sky	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	
°F	45	44	42	41	40	39	40	41	43	46	49	52	52	53	53	51	49	47	46	45	44	43
Wave Ht(ft)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	
Per(s)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2



QUESTIONS & ANSWERS

THANK YOU



ALLAN TERHUNE

Quantum Sails Director of Inshore One Design

aterhune@quantumsails.com

O 410-268-1161

M 732-644-1051



MARTY KULLMAN

Quantum Sails Director of Sales

mkullman@quantumsails.com

M 727-560-0164



JULIE DAVIDSON

Quantum Sails Marketing Communications

jdavidson@quantumsails.com

M 269-718-9164

O 231-941-1222