

Safety at Sea 2019

USNA Safety at Sea Seminar 2019
Chuck Hawley
US Sailing Safety at Sea Committee



Sailing Accidents

2011-2019

Why so many?

What happened?

What can we learn?



Sailing is pretty safe...

Year	Sailing Fatalities	% of Drownings	Total Fatalities	% of Total
2009	21	62%	736	2.9%
2010	23	83%	672	3.0%
2011	28	68%	758	3.7%
2012	27	52%	651	4.2%
2013	19	63%	560	3.4%

WingNuts, 2011







Rambler 100, 2011



Low Speed Chase, 2012





Aegean, 2012





Uncontrollable Urge, 2013



CRAFT POSITION

09-MAR-2013

LOCAL: 08:58:56

NO DATA

NO DATA

ELEV: NO DATA

HDG: NO DATA

TARGET POSITION



MTH
IR
WHITE HOT



BIT

LOS

552

R

W

N

HIST
RATE

Artemis, 2013





Vestas Wind, 2011





What are the common themes? What conclusions can we draw?

Vessel	Stability?	Life Jackets?	Navigation?	“Hi Tech” Design?
420	X	X		
WingNuts	X	X		X
Rambler 100	X	X		X
Low Speed Chase		X	X	
Aegean			X	
Artemis	X	?		X
Uncontrollable Urge		X	X	X
Vestas Wind			X	X
Total	4	6	4	5

Two thoughts on what to do with this information...

“Those who cannot remember the past are condemned to repeat it.”

----George Santayana, 1905

“We’re all doomed to repeat the past no matter what. That’s what it is to be alive.”

----Kurt Vonnegut, 1987



Sunday Advanced Cruising

0830	Opening Remarks	Chuck Hawley
0845	Navigation as a Seamanship Issue	Ralph Naranjo, Author, former USNA Safety Chair
0930	Ocean Currents and Wind/Wave Dynamics	Frank Bohlen, PhD
1015	Break	
1030	Communications and Electronics	Chuck Hawley
1115	Voyage Preparation	John Kretschmer, Author, Charter Boat Captain
1200	Lunch	
1245	<i>Meet in Alumni lobby for escort to pool</i>	
1300-1600	<i>LeJeune Hall Pool - Practical</i>	
	Liferaft Training	Chuck Hawley, Jeff Cox
	Bilge Pumps	Adam Cove, Dan Rugg
	Lifeslings, Heaving Lines	Mike Hobson, Renee Mehl
	Life Jackets, Tethers	Matt Benhoff, Annapolis School of Seamanship
	OR	
	<i>Alumni Hall - Interactive</i>	
1300-1600	Interactive round table discussions	
	1-Engines and electronics	Ronda Bolinger/Ryan McQueeney
	2-Weather and Oceanography	Joe Sienkiewicz/Frank Bohlen
	3-Cruise planning and preparation	Dr Jacobs/John Kretschmer

