

Video warmup / test pattern / audio check

- Bayfield to Antigua aboard *Quintessence III*
a delivery so epic, its telling requires three speakers
by David Crum, Volker Petersen, Craig A. Smith

- 2:34 run time

https://craiggaie.dyndns.org/photo/Q3_wonderlust/VI_DEOS/Qiii_warmup_2:34_NoRotation.mp4

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- Part 1 - Brief history of *Quintessence III* - David Crum
- Part 2 - Bayfield to Hudson River – Craig A. Smith
- Part 3 - The Atlantic & Safety at Sea - Volker Petersen
- Part 4 - Norfolk to Hispaniola – Craig A. Smith
- Part 5 - On to Antigua & Racing - David Crum
- Q&A







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Bayfield to Antigua aboard *Quintesser*

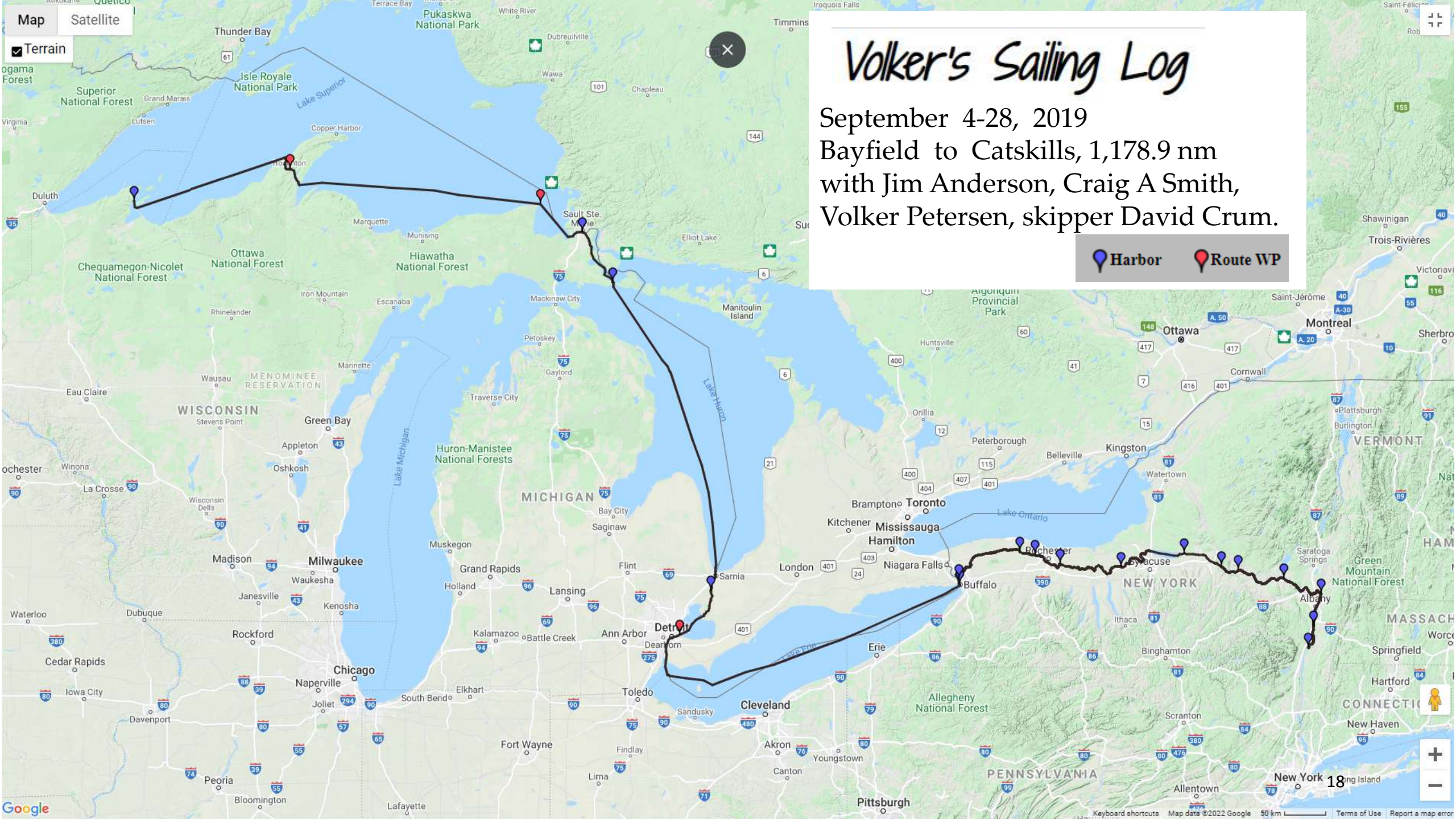
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David Crum Volker Petersen Craig Smith Jim Anderson



Volker's Sailing Log

September 4-28, 2019

Bayfield to Catskills, 1,178.9 nm
with Jim Anderson, Craig A Smith,
Volker Petersen, skipper David Crum.

 Harbor  Route WP



Buffalo Harbor

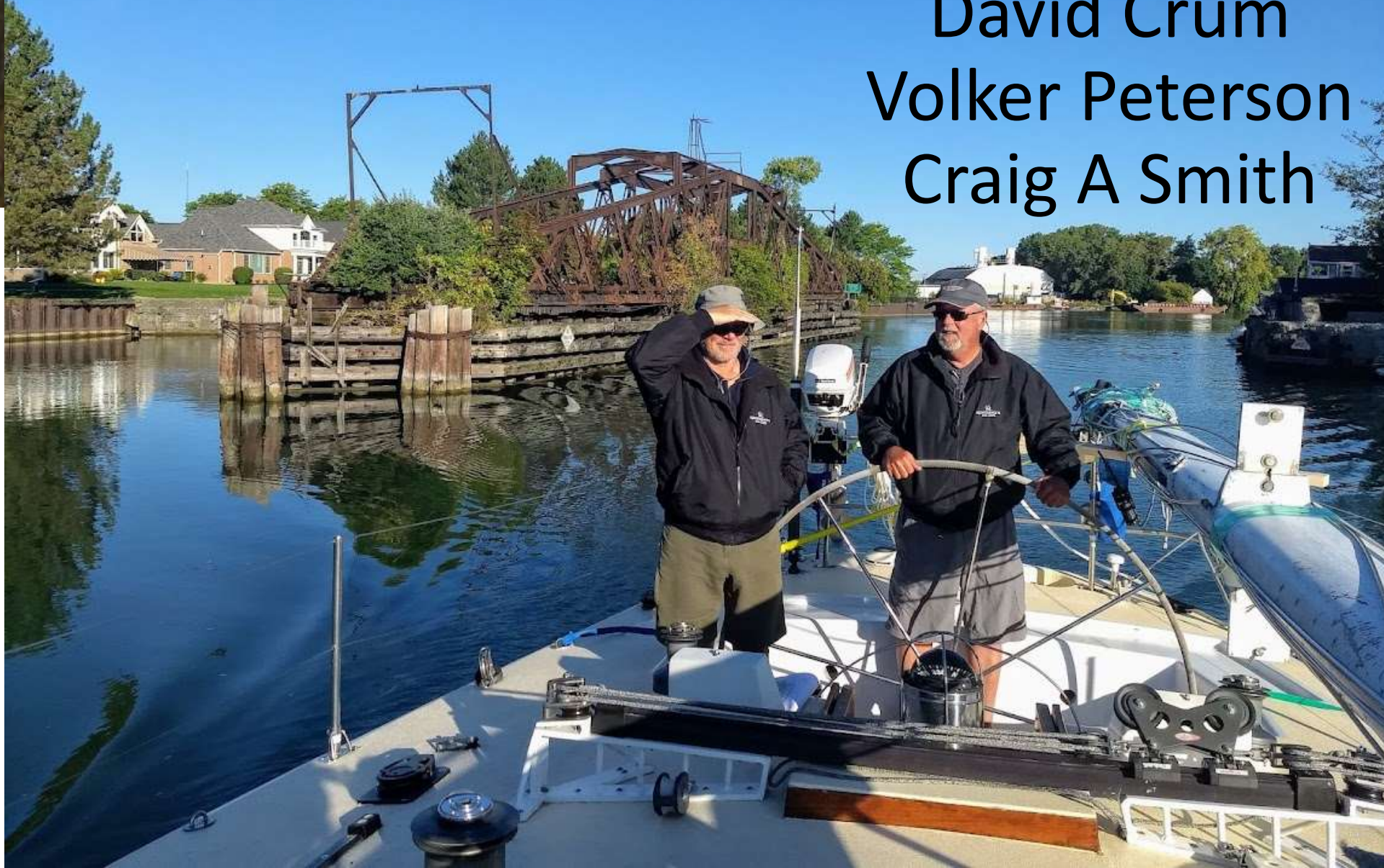






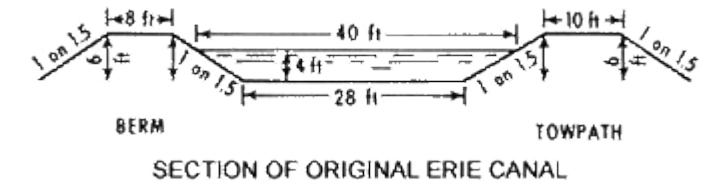
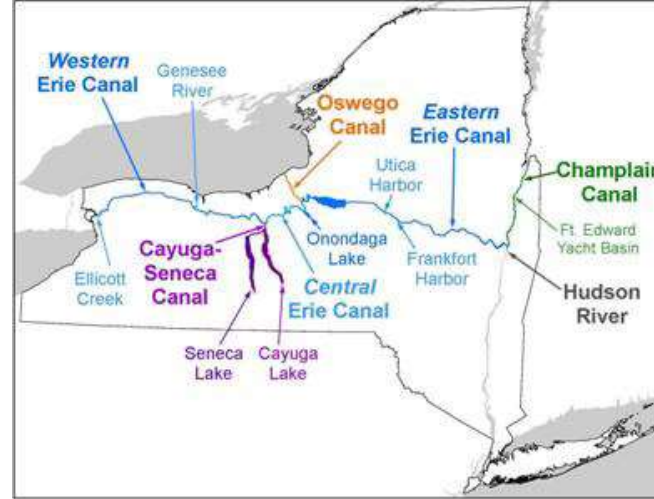
Part 2b Buffalo – Hudson via the historic Erie Canal

David Crum
Volker Peterson
Craig A Smith

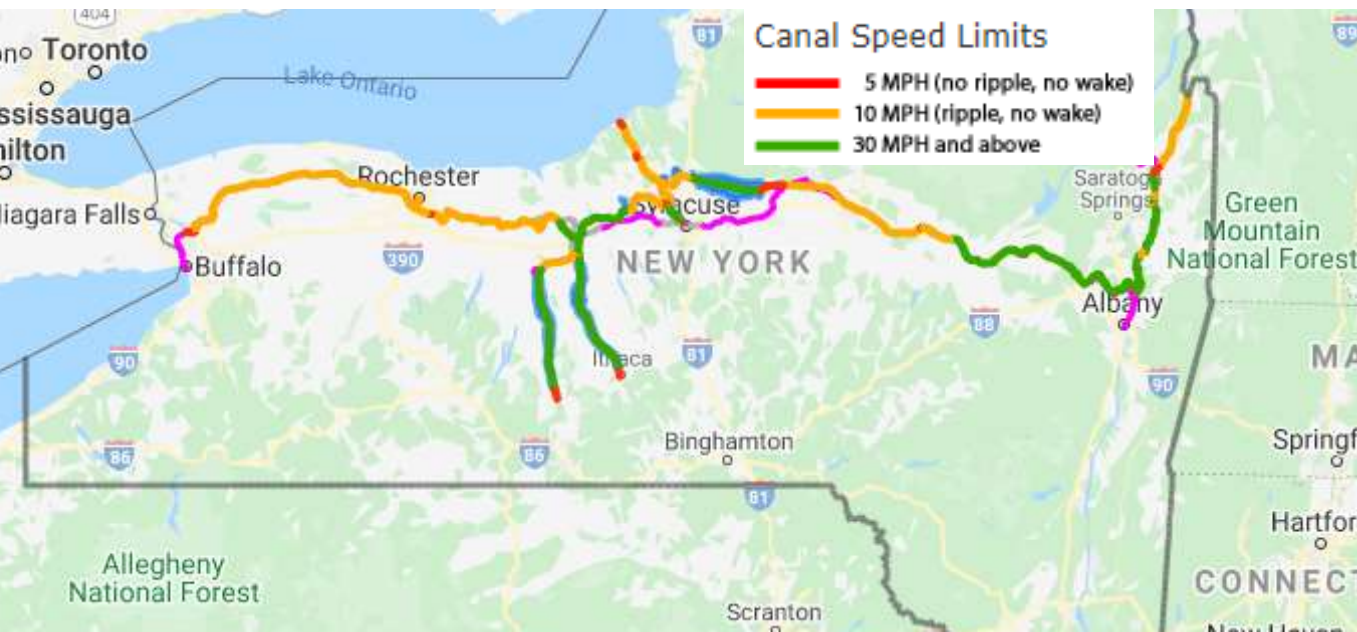


The Canal of Today and Yesteryear

- Part of the New York State Canal System
- 34 locks, 18 guard gates, 15 lift bridges
- 339 miles from Tonawanda (Buffalo) to Waterford (Albany)
- 12' draft (supposedly)
- Speed limits from 5 mph to unlimited on Lake Oneida



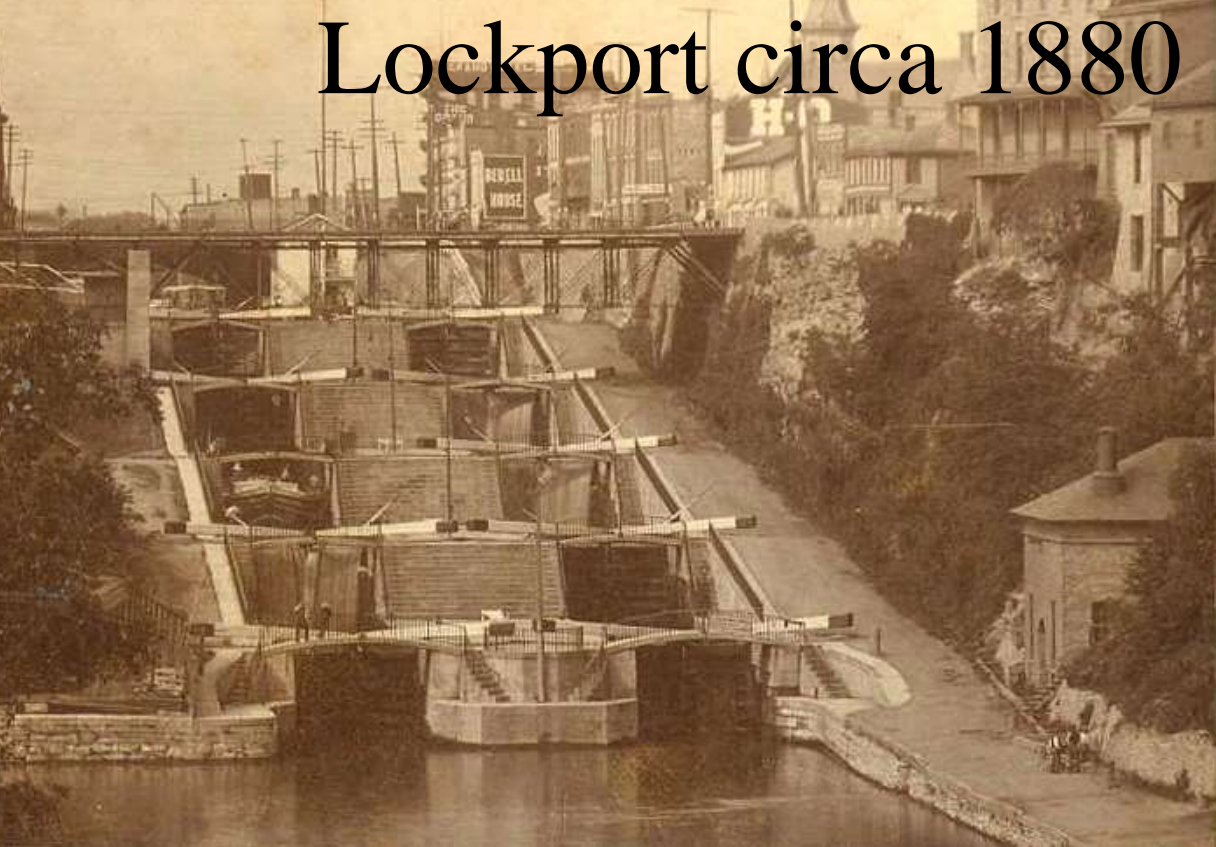
- Derided as Clinton's folly
- "little short of madness" – Thomas Jefferson
- no [civil engineers](#) in USA [James Geddes](#) and [Benjamin Wright](#) studied European canals
- built by Irish laborers and German stonemasons from 1817-1825 for \$7M (equivalent to \$116M in 2020)
- 40' channel, 4' deep, 83 locks and 18 aqueducts
- Paid-off in 12 years, fabulous success
- Every town wanted a canal
- Buffalo, Rochester, Utica, Syracuse, Albany and NYC
- Expanded in 1834 and again in 1905 by *channelization* and *canalization* of the Mohawk, [Seneca](#), and [Clyde](#) rivers



Control gate



Lockport circa 1880



1914



2019







First Norwegian Immigrants Landed in Holley, 1825



3. The "Sloopers" traveled up the Hudson River and along the newly-completed Erie Canal, meeting Governor De Witt Clinton and the "Seneca Chief" en route to Holley, where they disembarked near this site in late October.



2. Their 54 feet long sloop, the "Restauration," exceeded the maximum of sixteen passengers allowed under U. S. maritime law. The boat was therefore impounded, the captain arrested, and a \$3,150 fine levied. However, President John Quincy Adams pardoned them.



1. Fifty-two "Sloopers," the first group of immigrants to North America, departed on July 4, 1825. Fifty-three arrived in New York on October 9, a baby having been born en route.

In Gellane, New York to sell the land. When he reached the canal was closed for the winter, he ice skated to Holley, the longest journey in his life. He was the spiritual leader of the Norwegian Sloopers (affiliated with the Quakers). Most of the sloopers were followers of the Quakers. The slooping pastor, Hans Larson, was a Quaker. They were fleeing persecution in Norway.



6. Later, Larson built this house on Rochester's Atkinson Street and became a successful canal boat builder.



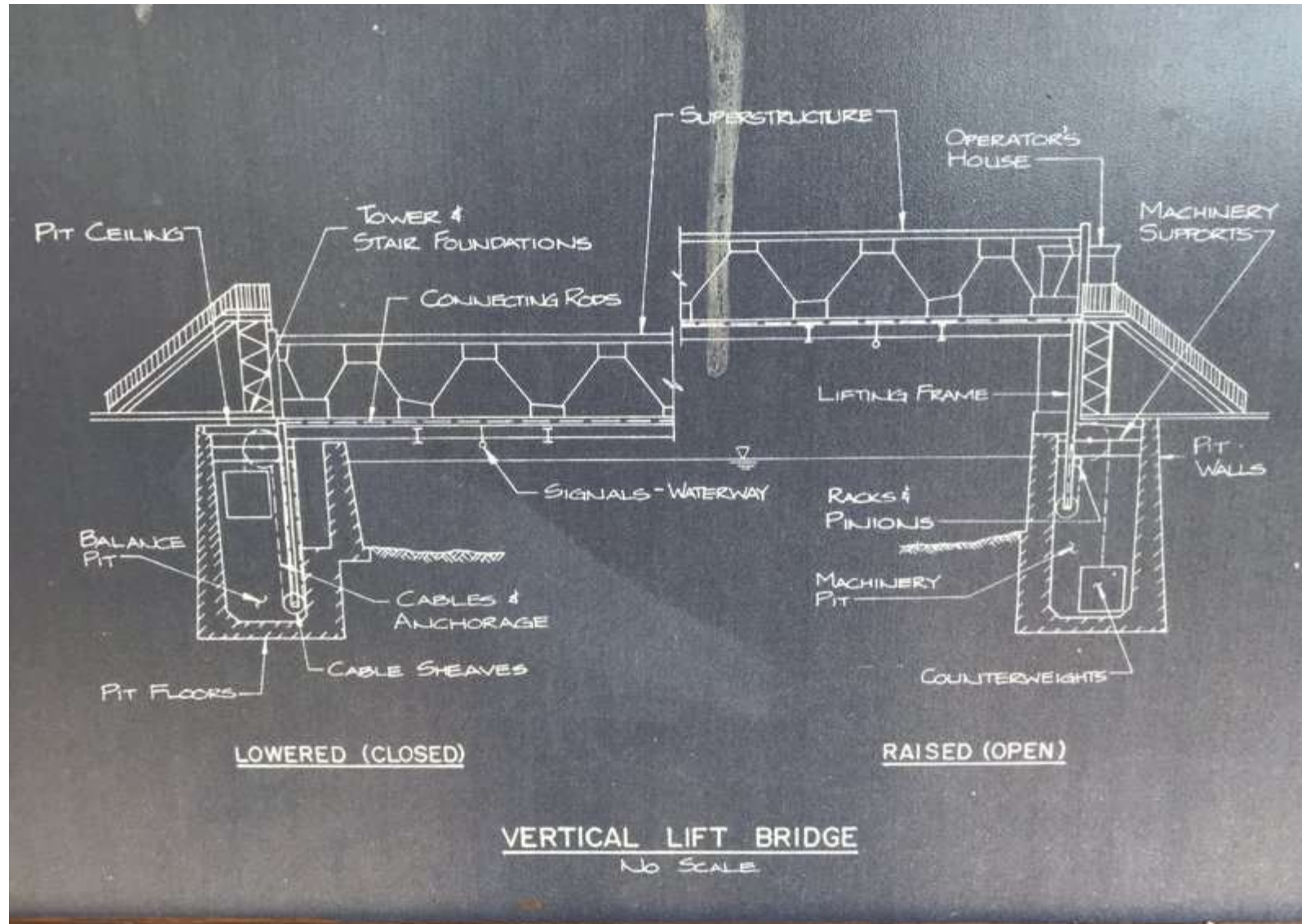
erected by Grieg/Odin Sons of Norway Lodge, Village of Holley, and Rochester Friends Meeting (Quakers).





Spencerport lift bridge

- Common on the western Erie
- Machinery pits house motor and counterweights



Dewitt Clinton



- Hull # 22611 built in 1926 for \$38k
- oldest tug still working the canal
- 45' LOA, 14' beam, 6' 06" draft
- displaces 30 tons
- 125 hp semi-diesel re-engined in 1950's and again in 1996 with 350hp Cummins







Lock E17, Little Falls, lift of 40.5 feet





Mohawk River



The six arches of the old Schoharie Aqueduct, a National Historic Landmark.



Waterford



Waterford locks new and old





Scarano boatyard, brief haul out





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New York – Antigua Crew



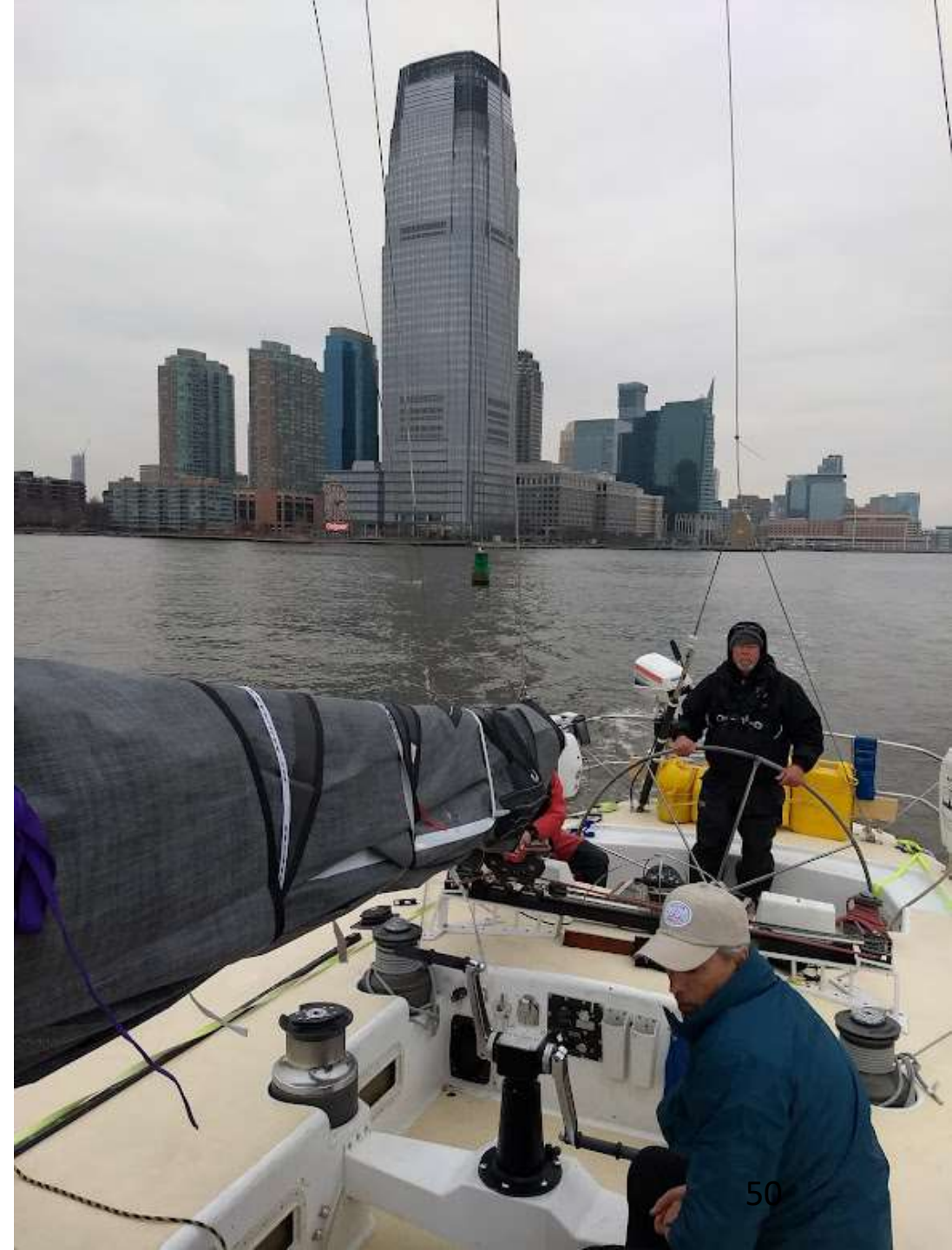
Carolyn C.
Dallas J.
David C.
Lynn G.
Volker P.

NYC sites



New York – Antigua

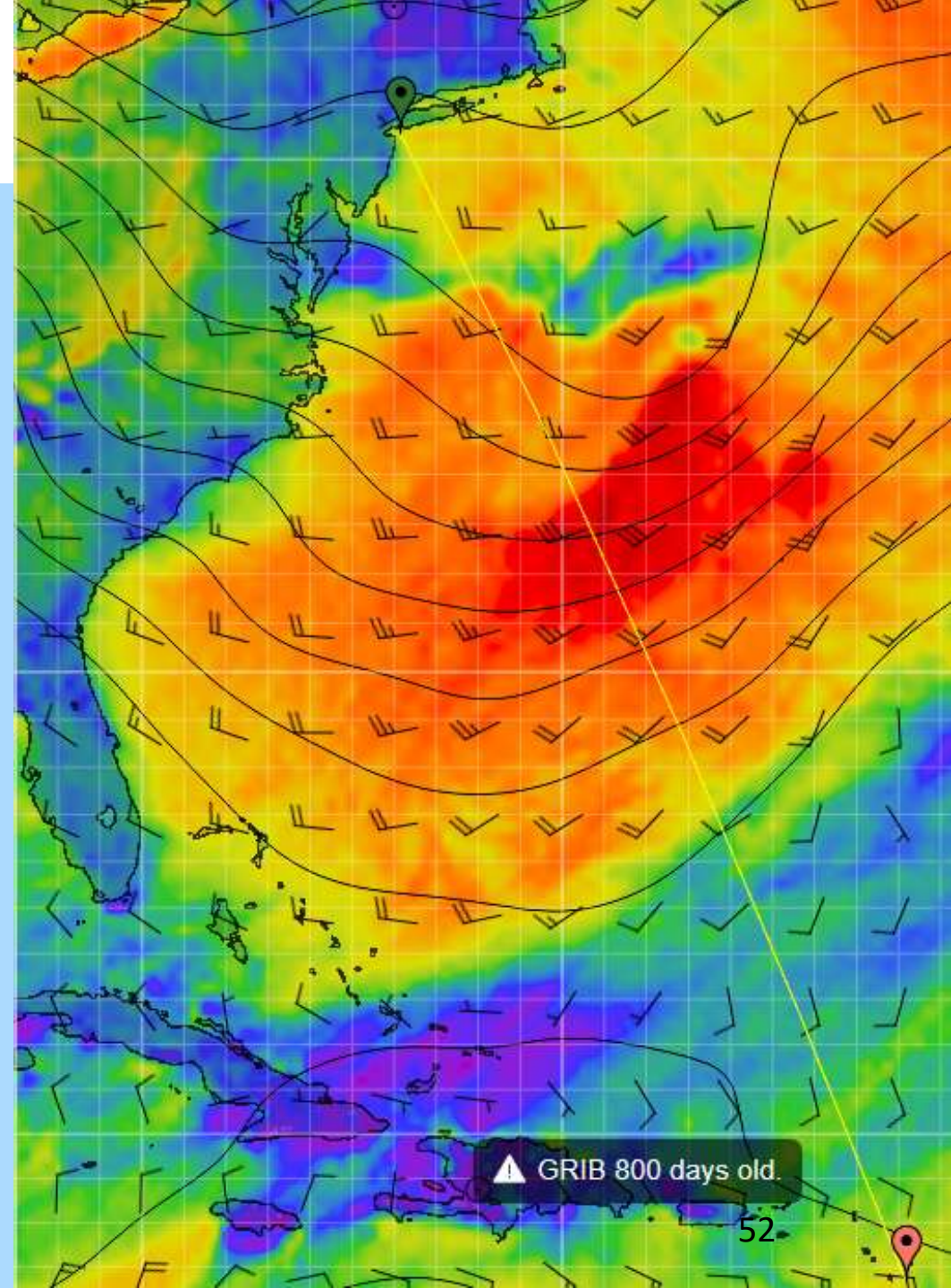
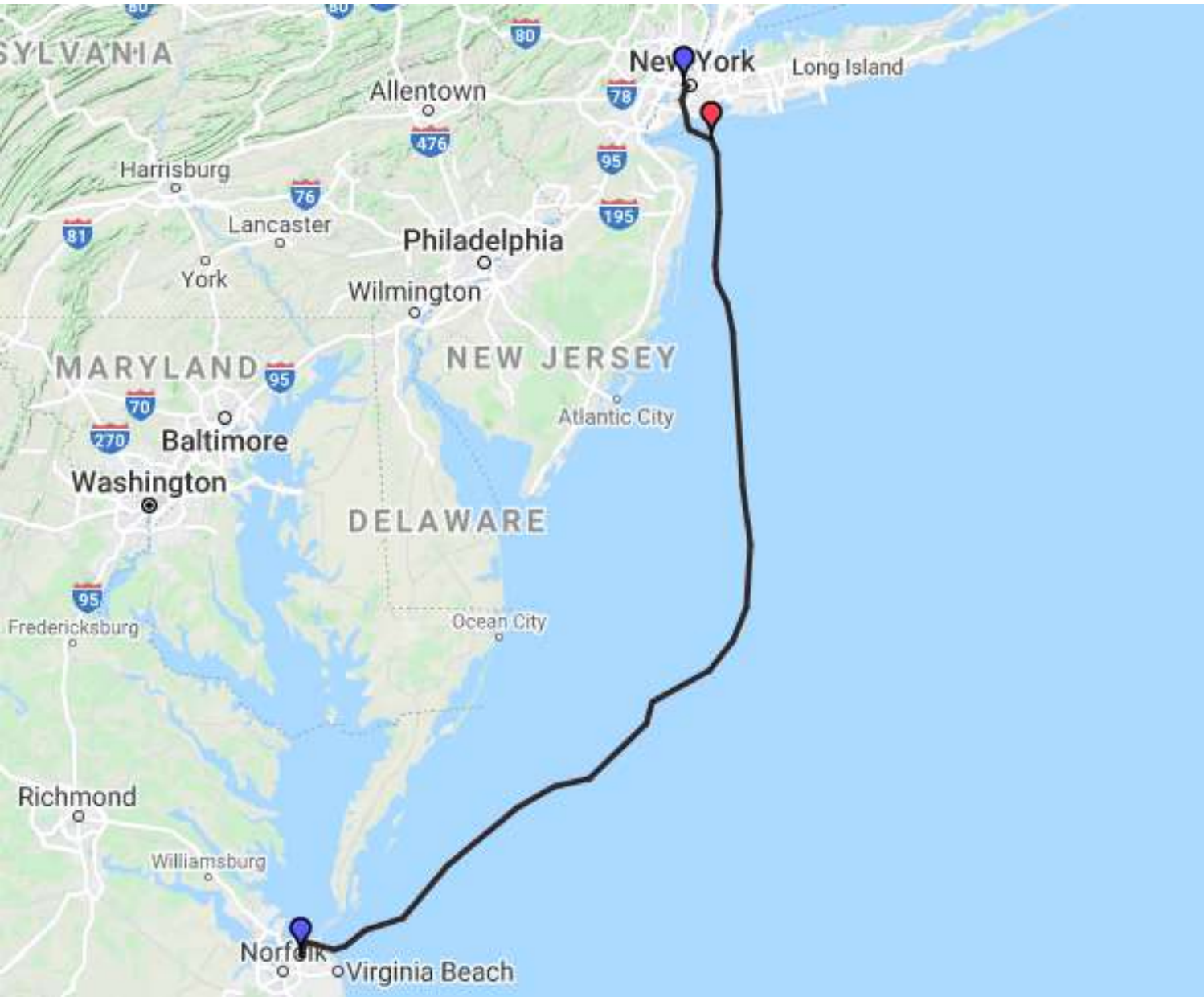




New York departure



Course & winds



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▶ 0:05 / 1:07

🔊 53 🗄️ ⋮

New York – Antigua became New York – Norfolk



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Cutty Sark Marina, Norfolk VA



Norfolk to Hispaniola

- David Crum, Augie Olson, Alan Reinig, Craig A Smith
- Departed Jan 14 for Antigua
- 2 EPIRBS, Satphone, Garmin tacker, life rafts, personal AIS beacon
- Chris Parker, professional router
- Arrived Dominican Republic Jan 23





- https://craiggaedyndns.org/photo/Q3_wonderlust/VIDEOS/gallery/slides/IMG_4058.MOV.html

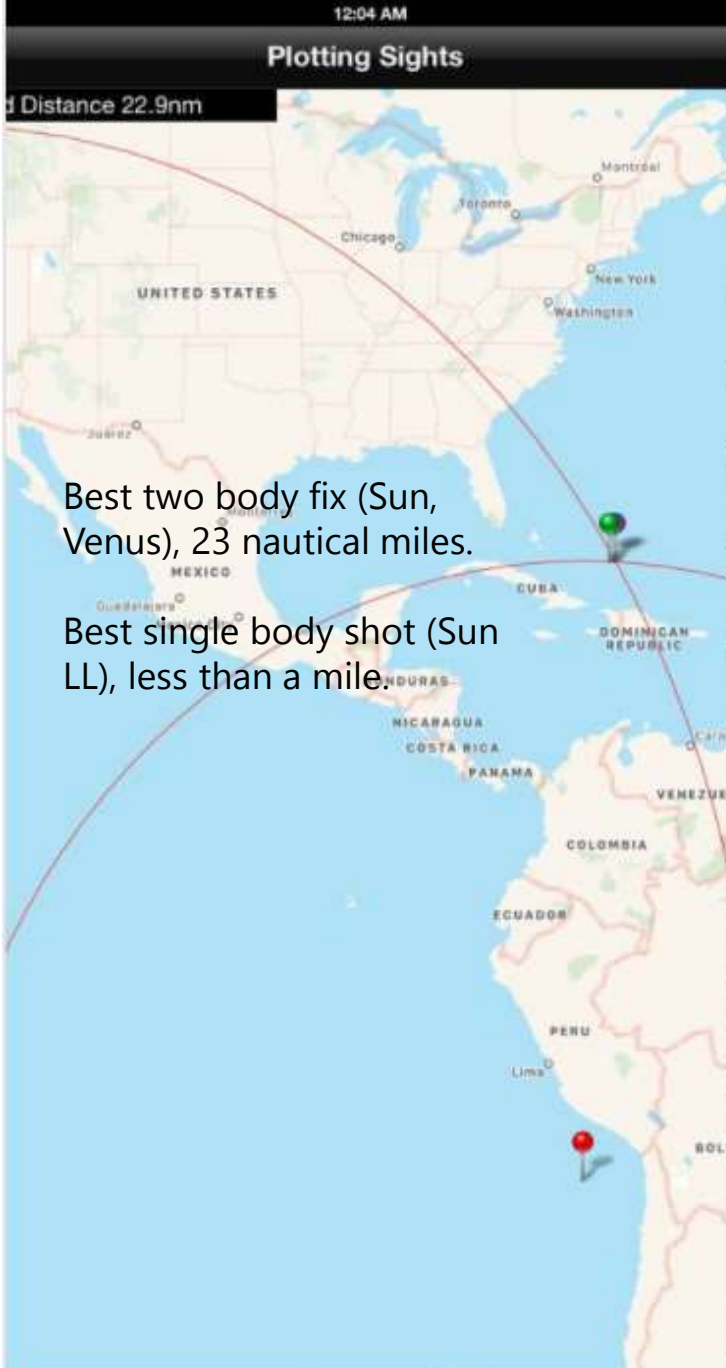


Ocean World

Hotel California







12:08 AM
mail-attachment.googleusercontent.com

SIGHT REDUCTION FORM

SR 96a

Name CAK #1
Squadron _____

TIME	SIGHT DATA	ALTITUDE
2020-Jan 20 12:08:52	Sight No. <u>001</u> Body <u>☉</u> DR L <u>23° 01.9'</u> DR Lo <u>72° 38.1'</u>	Ht of eye _____ hs <u>46° 3'</u> IC _____ Dip <u>X</u> Total _____ Corr () _____
(+) <u>5</u> 17:08:52 20-Jan	MANAC --- LHA <u>72° 16.2'</u> <u>2° 25.0'</u>	ha <u>46° 3'</u> HP C _____ Main <u>15.3'</u> Addl C, Pl _____ UL C -30.0' <u>X</u> Addl Ref _____ Total _____ Corr (+) <u>1</u>
ALMANAC --- Dec	Dec <u>17 hr 20° 07.7'</u> d () <u>0.5'</u> d corr (-) <u>0.1'</u> Dec <u>20° 07.6'</u>	Ho <u>46° 4'</u> <u>46° 4'</u>

INTERCEPT and AZIMUTH by the LAW of COSINES METHOD

s positive. (From above) LHA 2° 03' 06" (Use for Law of Cosines) LHA _____
contrary name Lat 23° 01.54' Lat (+) _____
is negative. Lat _____
is positive. Dec 20° 07.36' Dec (-) _____
is negative. Dec _____

$\cos \text{Lat} \times \cos \text{Dec} + (\sin \text{Lat} \times \sin \text{Dec}) = \sin \text{Hc} \rightarrow \text{Hc} \text{ _____}$
 $(\sin \text{Lat} \times \sin \text{Hc}) + (\cos \text{Lat} \times \cos \text{Hc}) = \cos Z \rightarrow Z \text{ _____}$

(From above)

2.6 nm - T Ho > Hc...toward
 Hc > Ho...away Zn 183°

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Origin of the name of Puerto Plata

There are three versions of how the name Puerto Plata came to be.

1) When Christopher Columbus discovered the Dominican Republic he cruised the Amber Coast until reaching the harbor of what is now Puerto Plata. The sun reflected on the sea giving the impression it was a sea of silver coins; hence the name.

2) Christopher Columbus saw a mountain bathed by the waters of the bay of Puerto Plata whose top was always covered in fog, which gave way to the name Monte Plata or "Silver Mountain." When the harbor was built, it was known as Port of Silver, or Puerto Plata. Today, the Monte de Plata or Silver Mountain is the Mt. Isabel de Torres.



Bayfield to Antigua

a delivery series
with David Crum

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- Part 2 - Bayfield to Hudson
- Part 3 - The Atlantic & Sa
- Part 4 - Norfolk to Hispan
- **Part 5 - On to Antigua & Racing - David Crum**
- Q&A





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ST. MAARTEN
XXXXXXXXXXXX

St Maarten lobsterman



ST. MAARTEN
HEINEKEN REGATTA

St Maarten windward advantage



ST. MAARTEN
HEINEKEN REGATTA

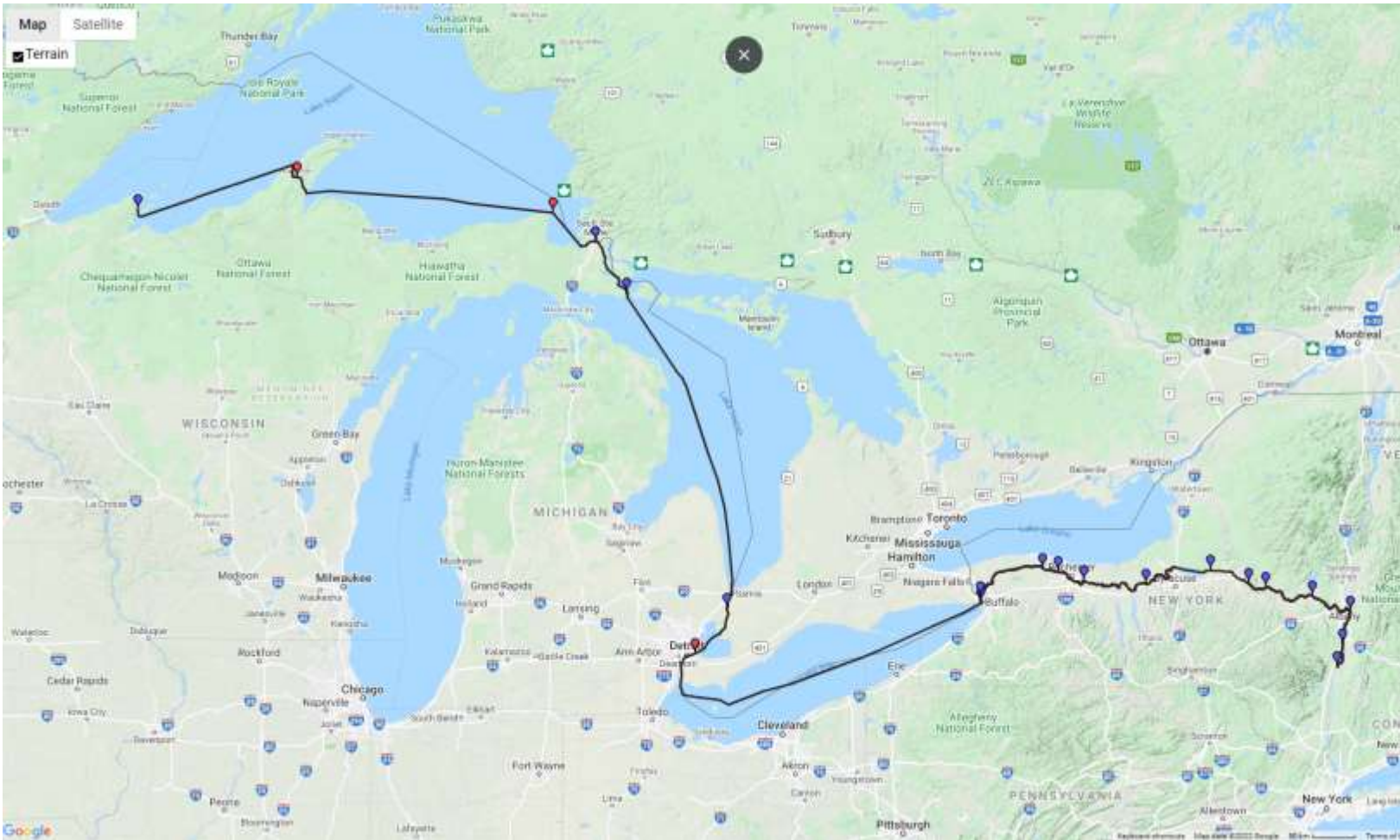
Ukulele Navy



https://craiggaedyndns.org/photo/Q3_wonderlust/VIDEOS/Qiii%20backside%20rules%20the%20navy.mp4

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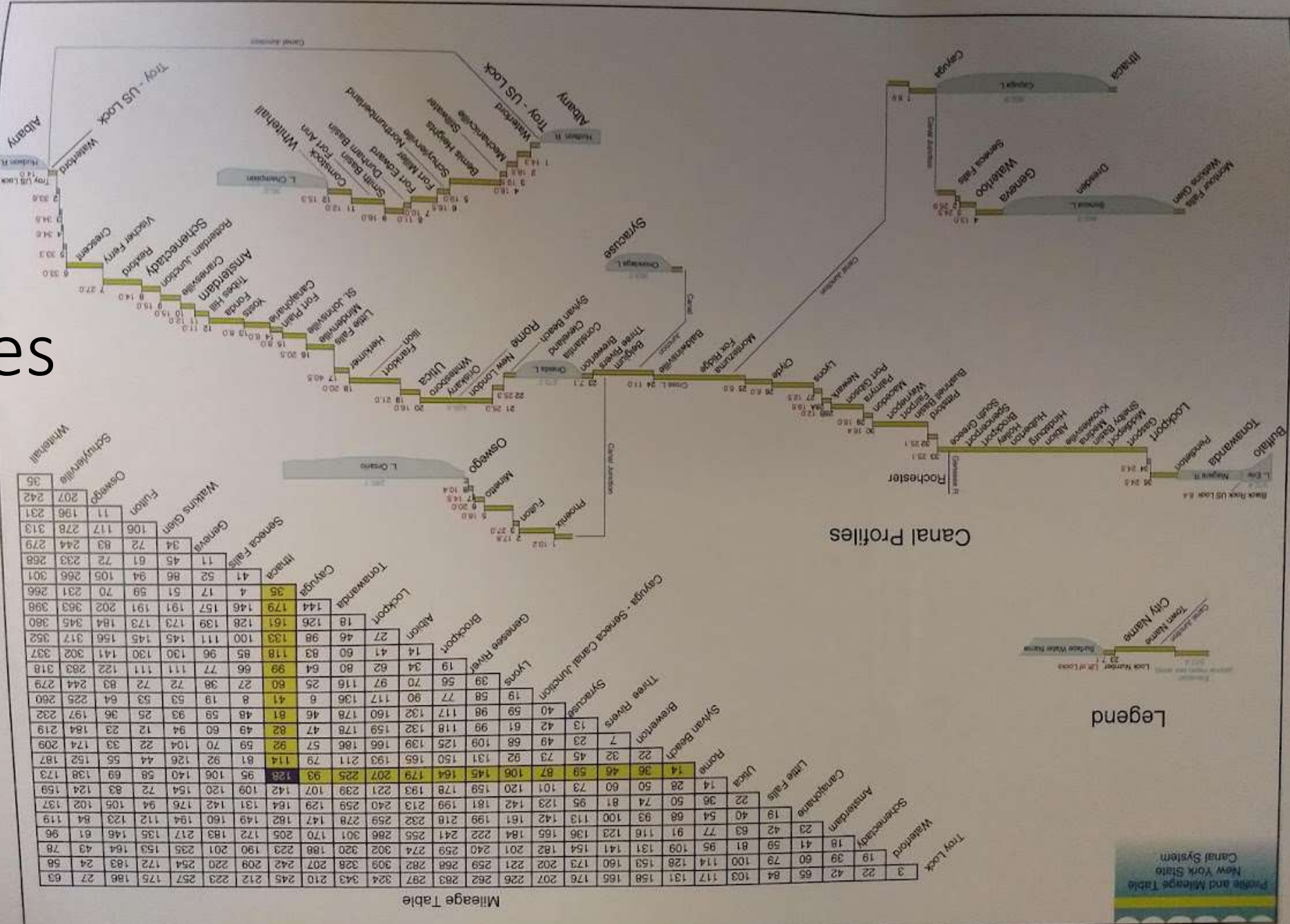
Q&A



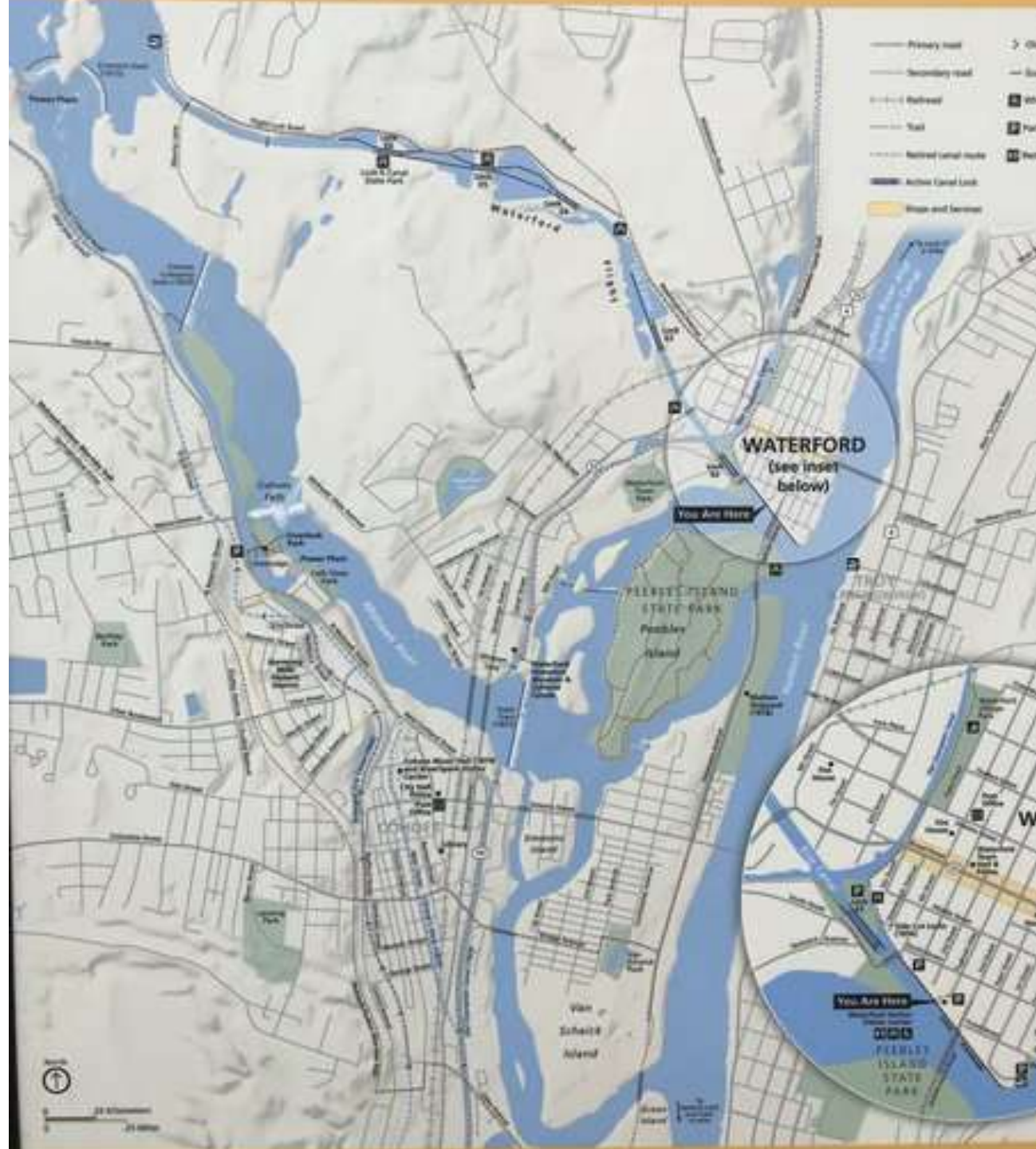
Bonus Reel - Reference material

too good to delete, but not part of the talk
unless questions asked

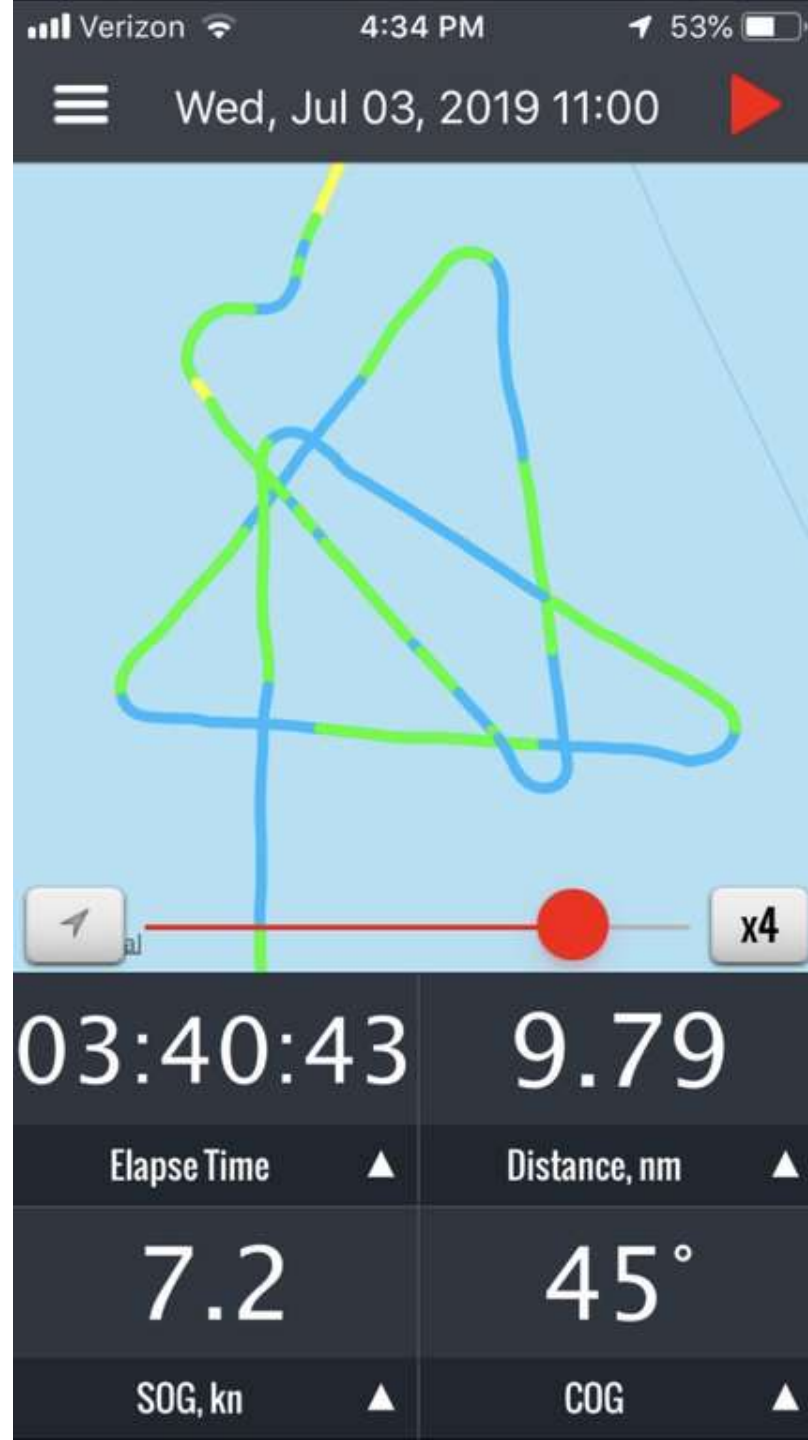
Canal mileages



Waterford confluence of Erie and Champlain canals



Ockam pentagram



PFD + AIS

