

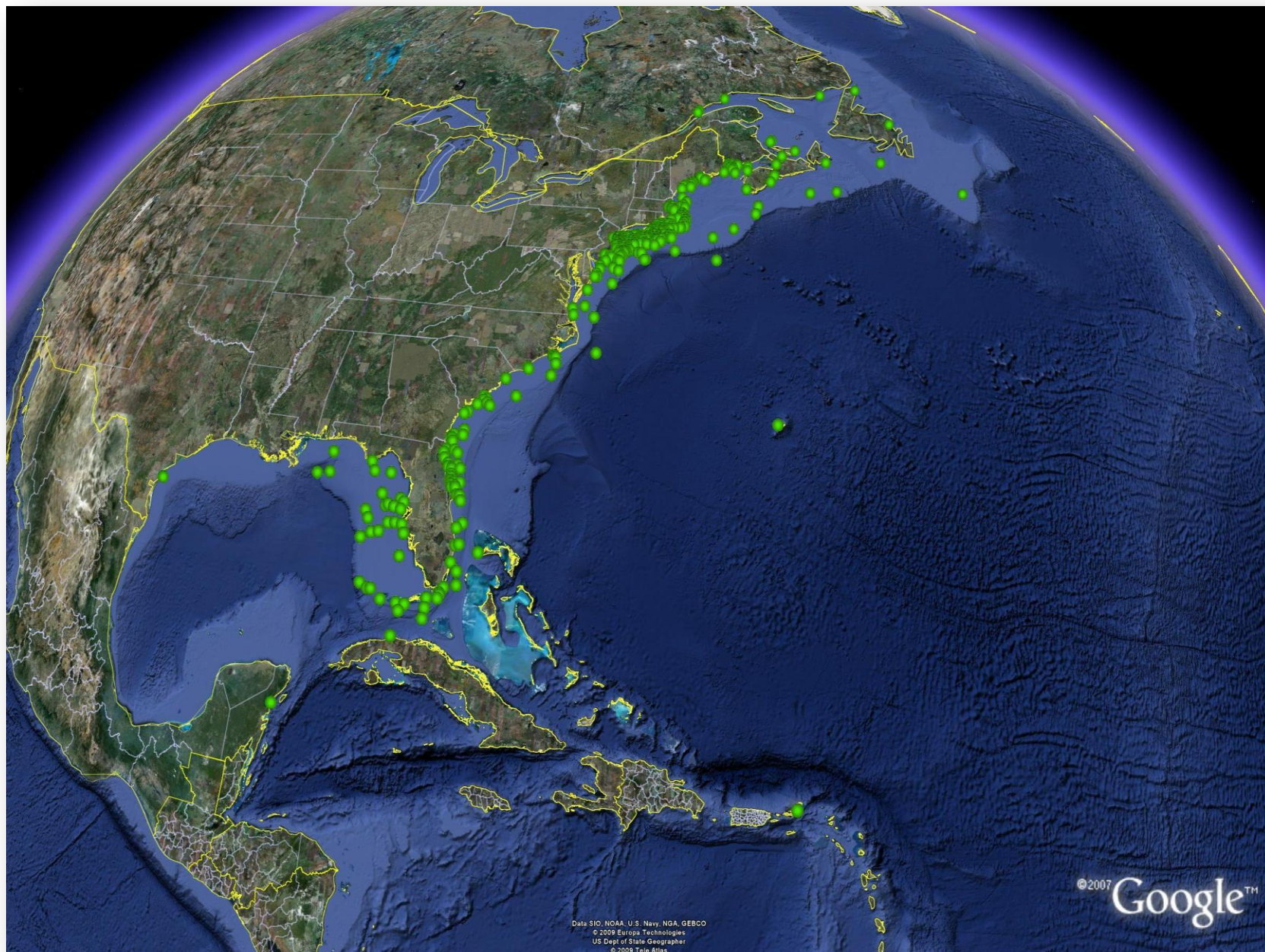


# *Atlantic White Shark Conservancy*



AWSC funds research, improves public safety, and promotes shark conservation

# Distribution: Western North Atlantic



Casey and Pratt, 1985 Curtis et al., in prep

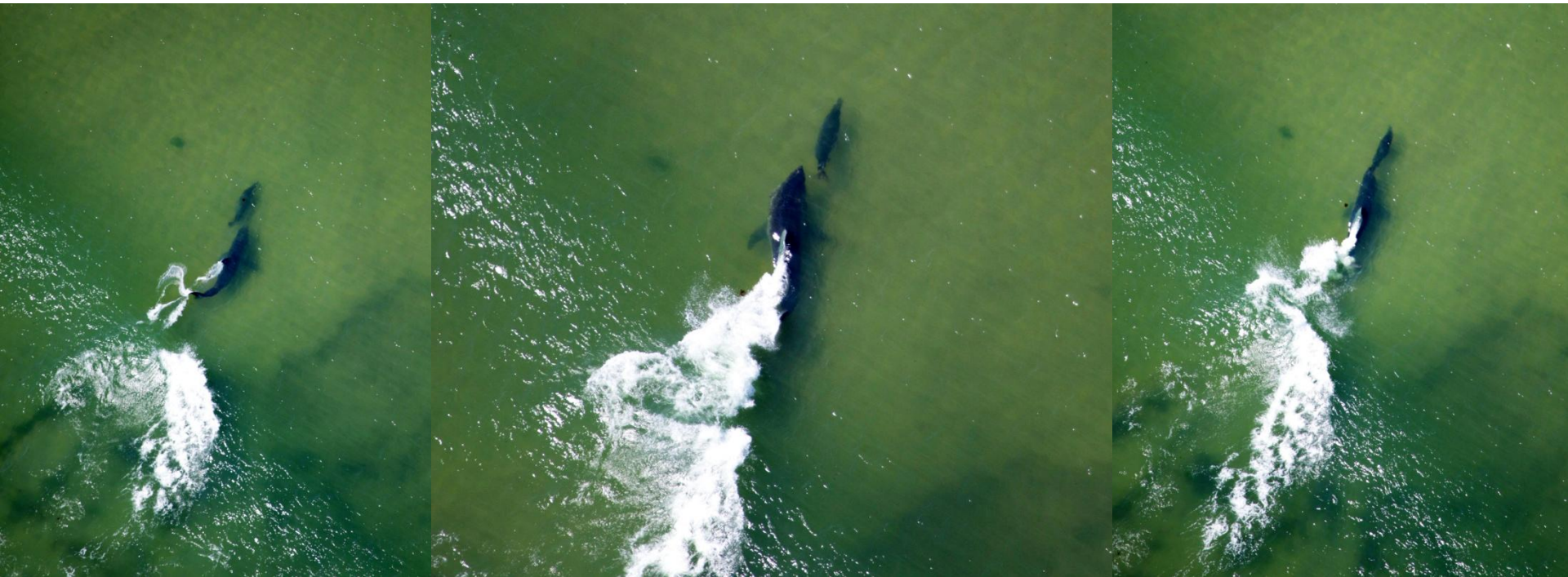
# New White Shark Hotspot



# Grey Seal: Population Rebound



*Atlantic White Shark Conservancy ©Wayne Davis*



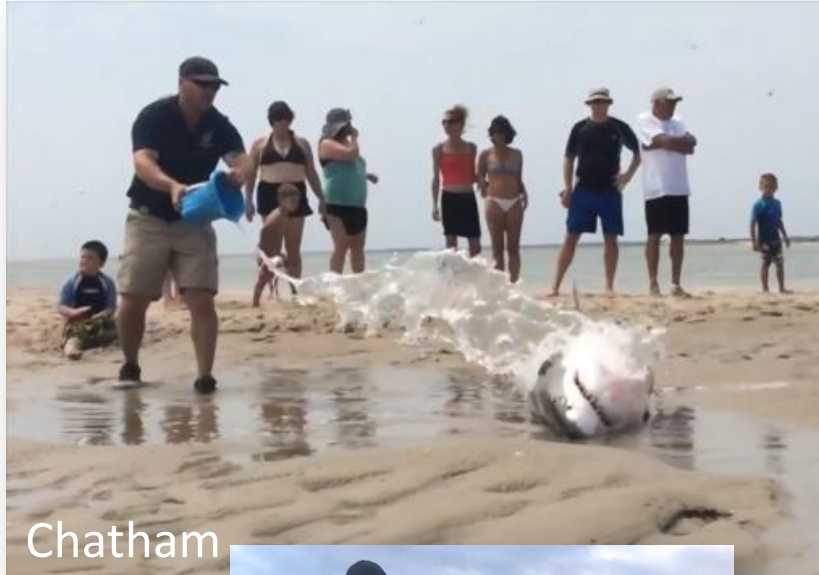




Massachusetts Division of Marine Fisheries

Atlantic White Shark Conservancy

# White Shark Strandings

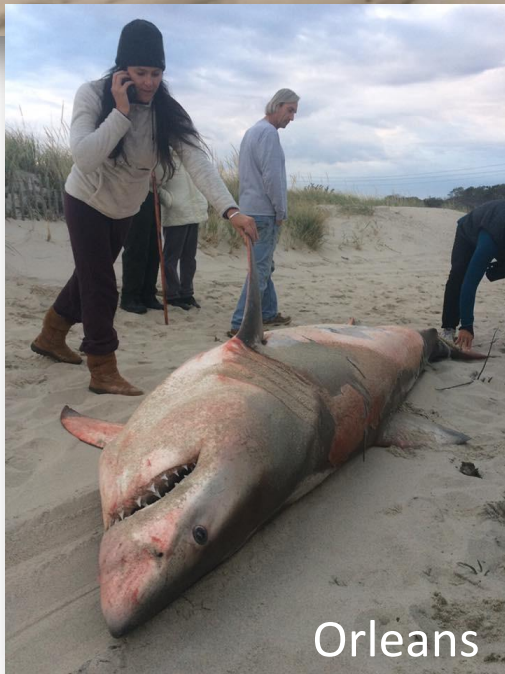


Chatham



Wellfleet

Jack Cohen



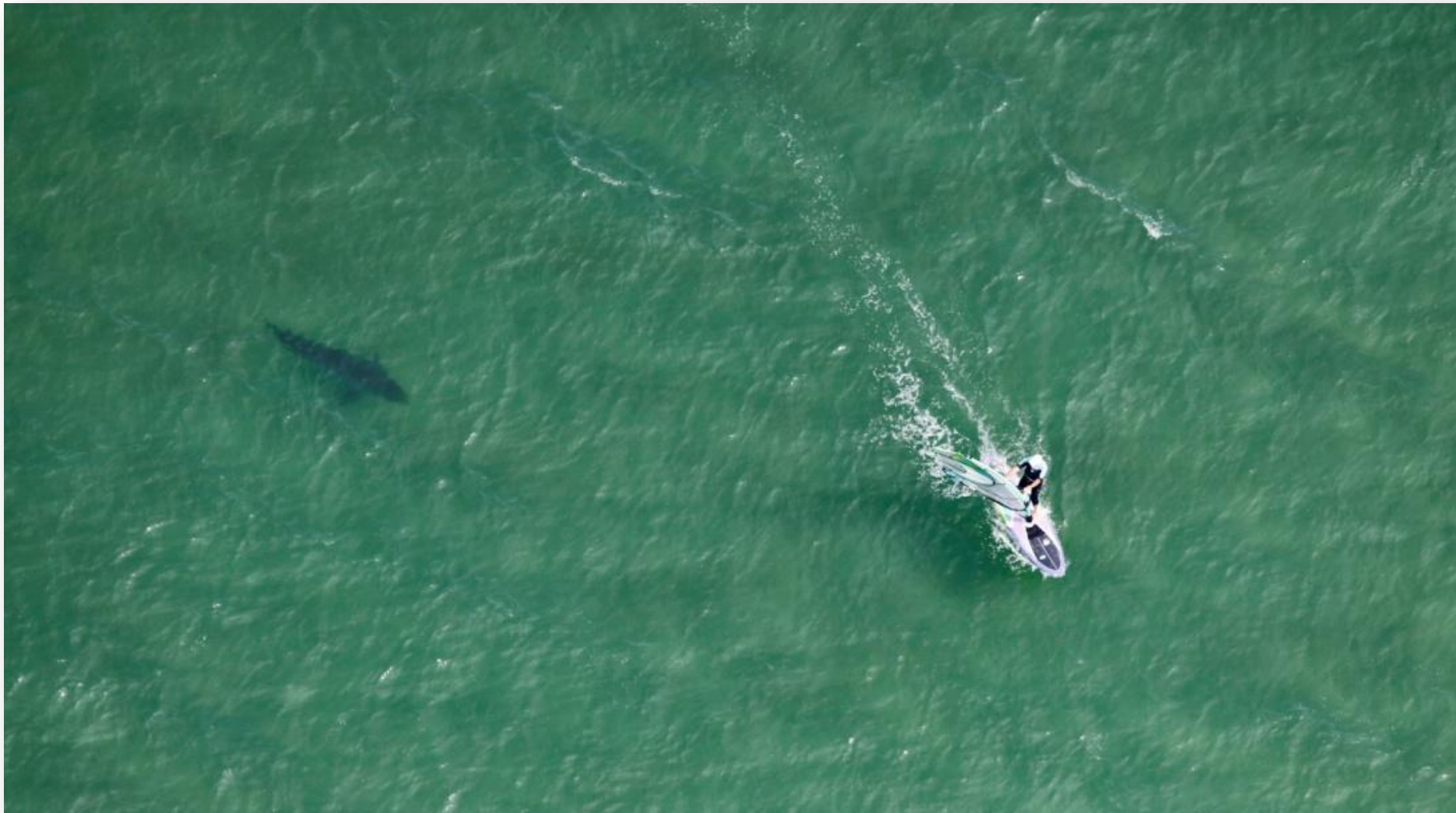
Orleans



Harwich



# Public Safety Concerns





@WDavis/Atlant

# BE SHARK SMART

The inshore waters off Nauset Beach are a preferred feeding ground for Great White Sharks. They come to this area to feed on seals. Great White Sharks are predators and should be considered dangerous. Encounters with sharks are rare, but please remain alert.



## SAFETY TIPS

- Do not swim near seals
- Swim close to shore in waist deep water
- Avoid swimming at dawn and dusk
- Swim and surf in groups

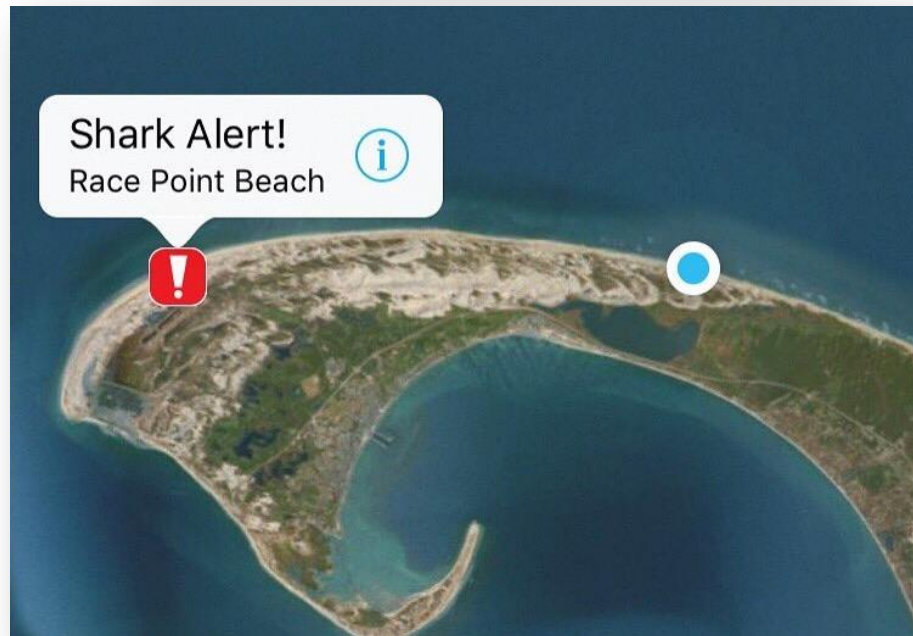
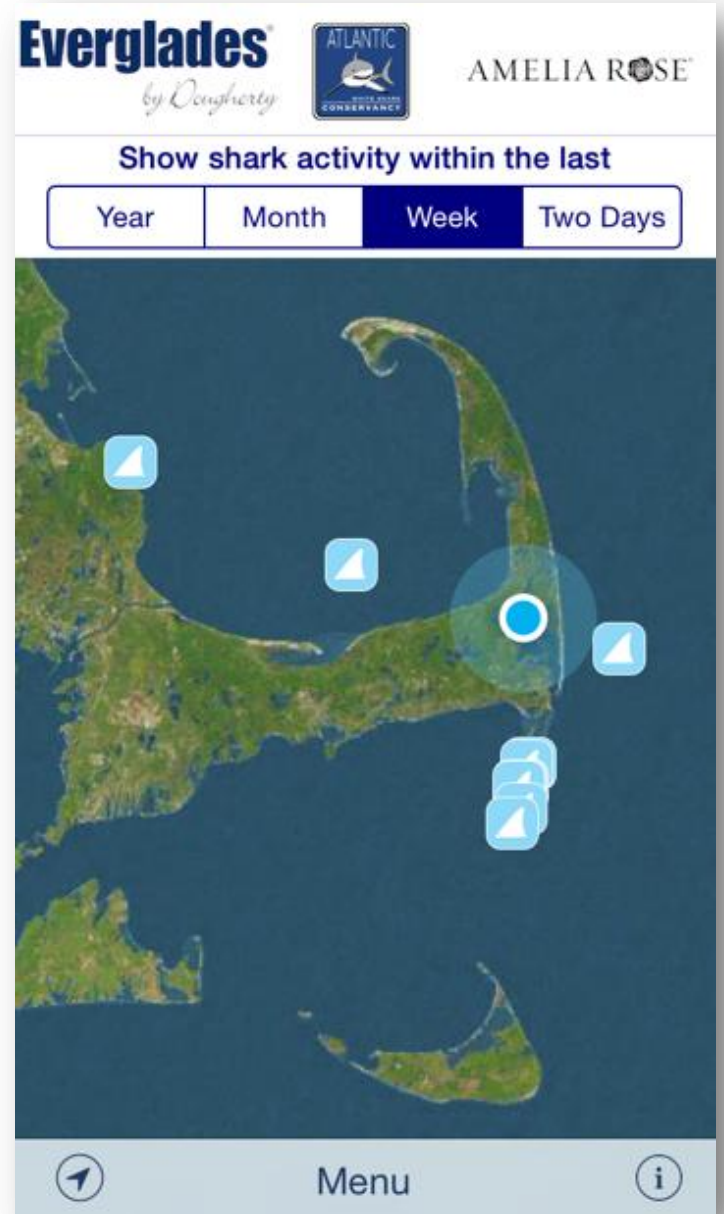
Download the **Sharktivity App** to receive alerts and report sightings  
For more info and to view the latest research visit [www.atlanticwhiteshark.org](http://www.atlanticwhiteshark.org)



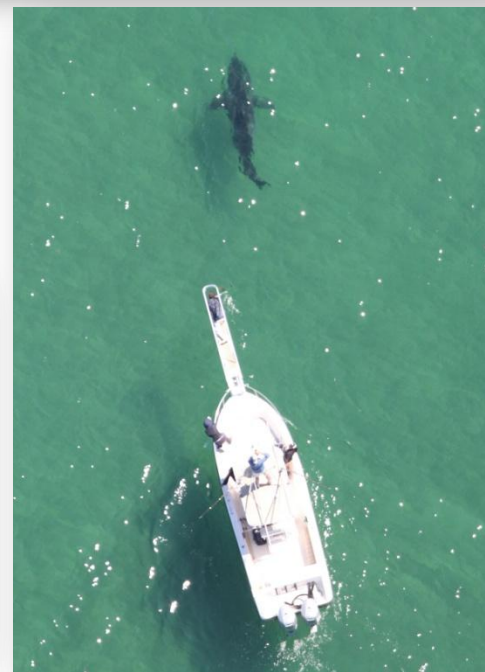
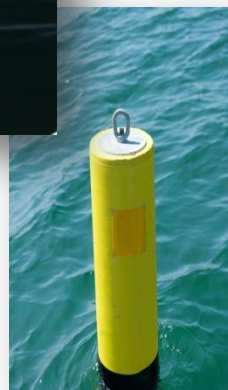
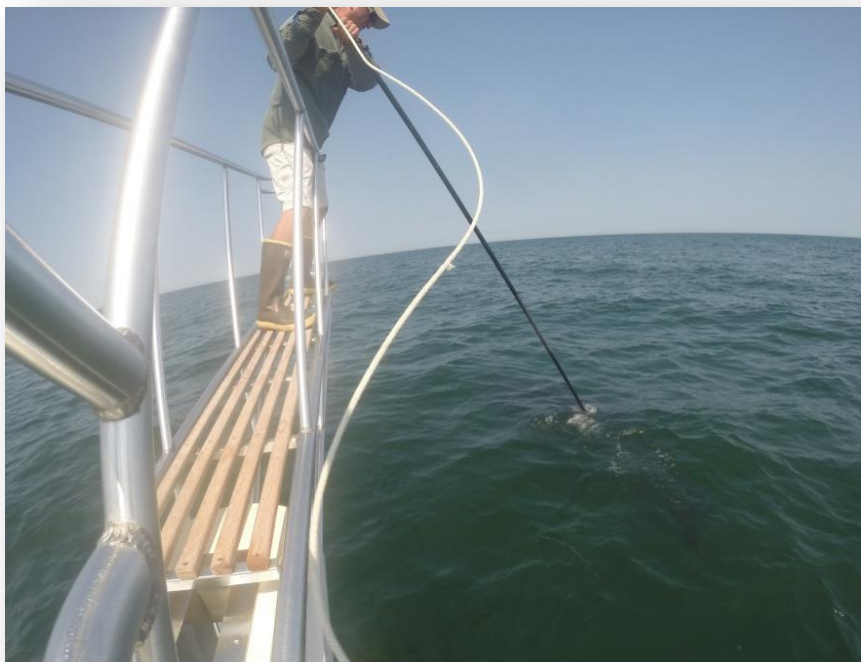
wSo



# Sharktivity App



# Current White Shark Research – Two Studies



# Movement Study - Tagging

2004 – 2016 (n=100)

Real-time Satellite



Pop-up Satellite



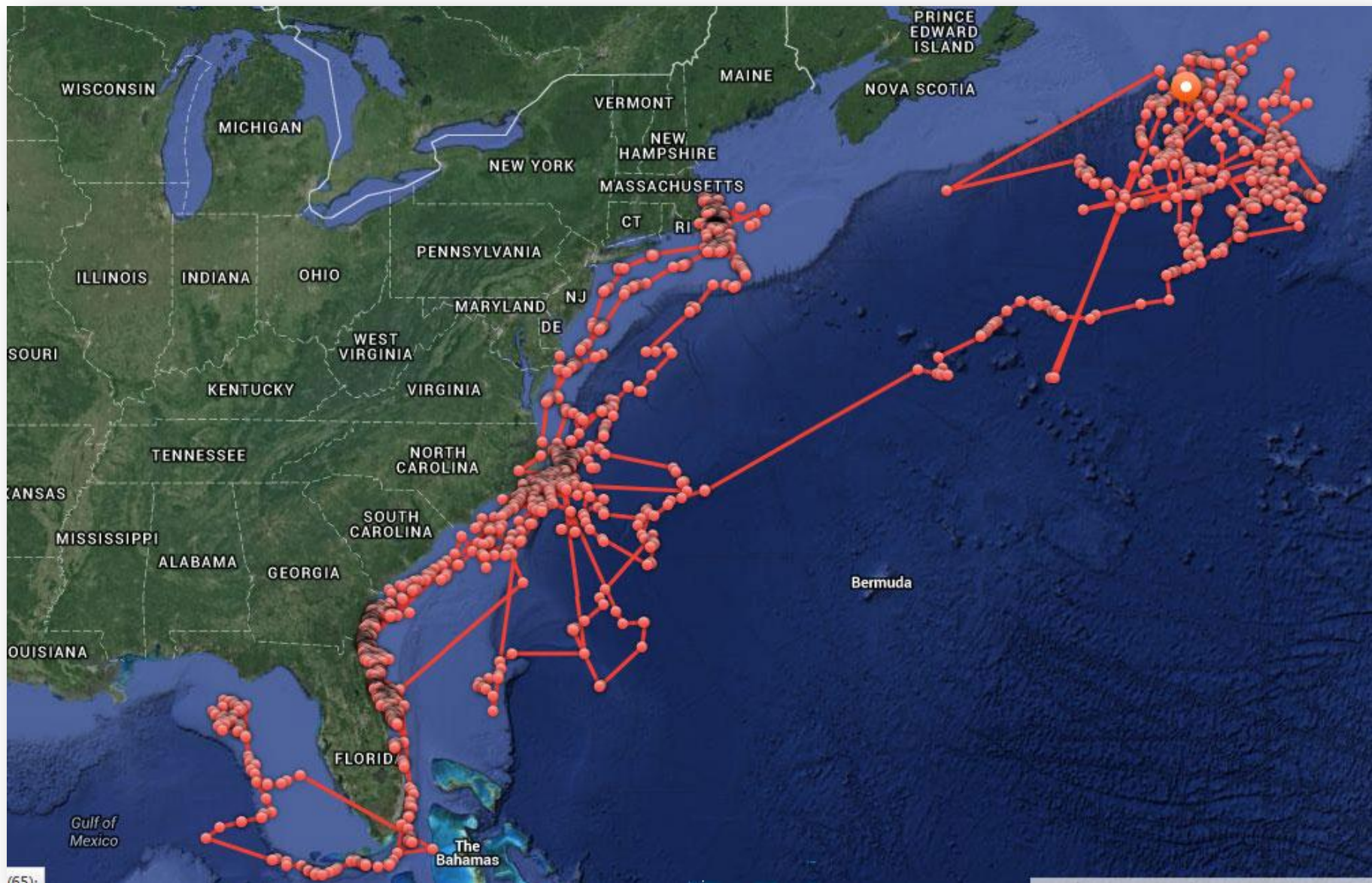
Acoustic



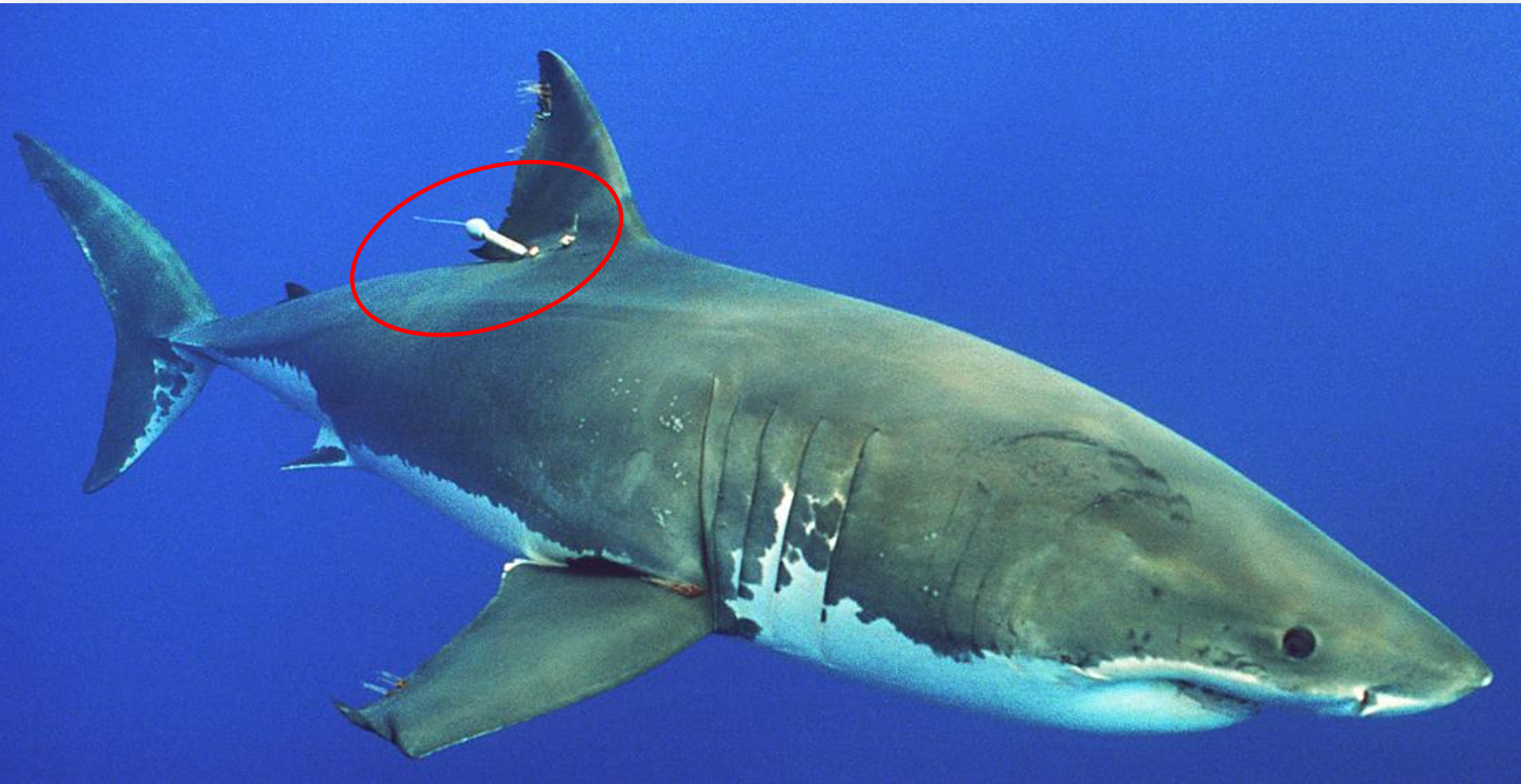
# SPOT Tags



# SPOT Data

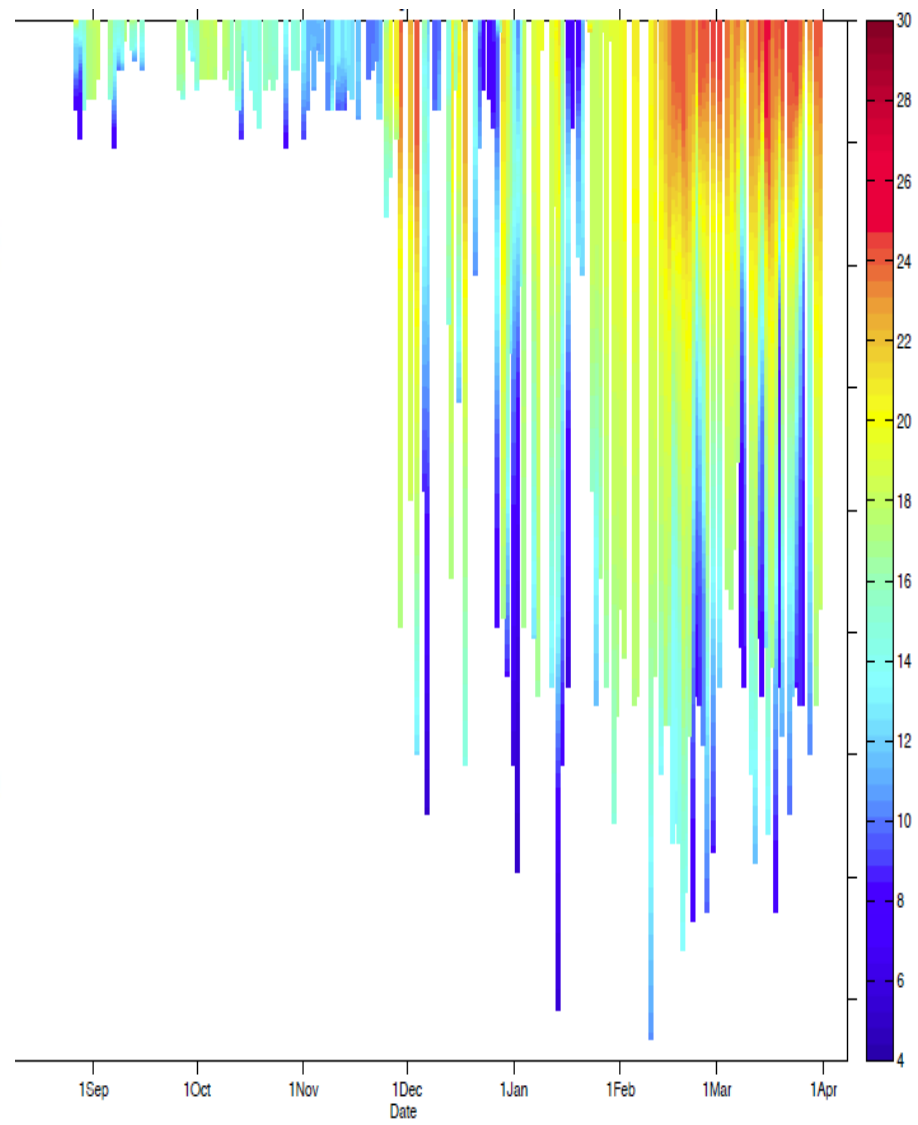
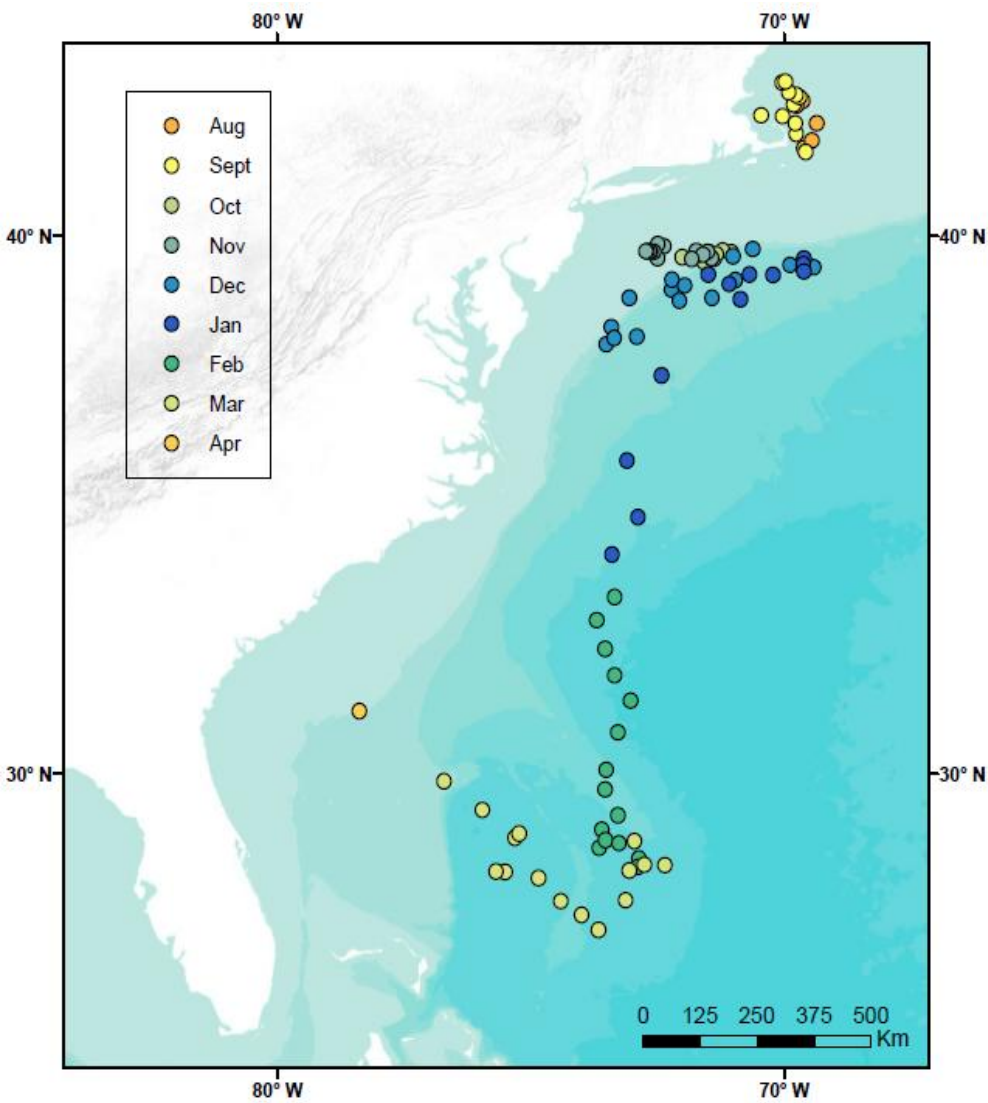


# PSAT Tag





# PSAT Data



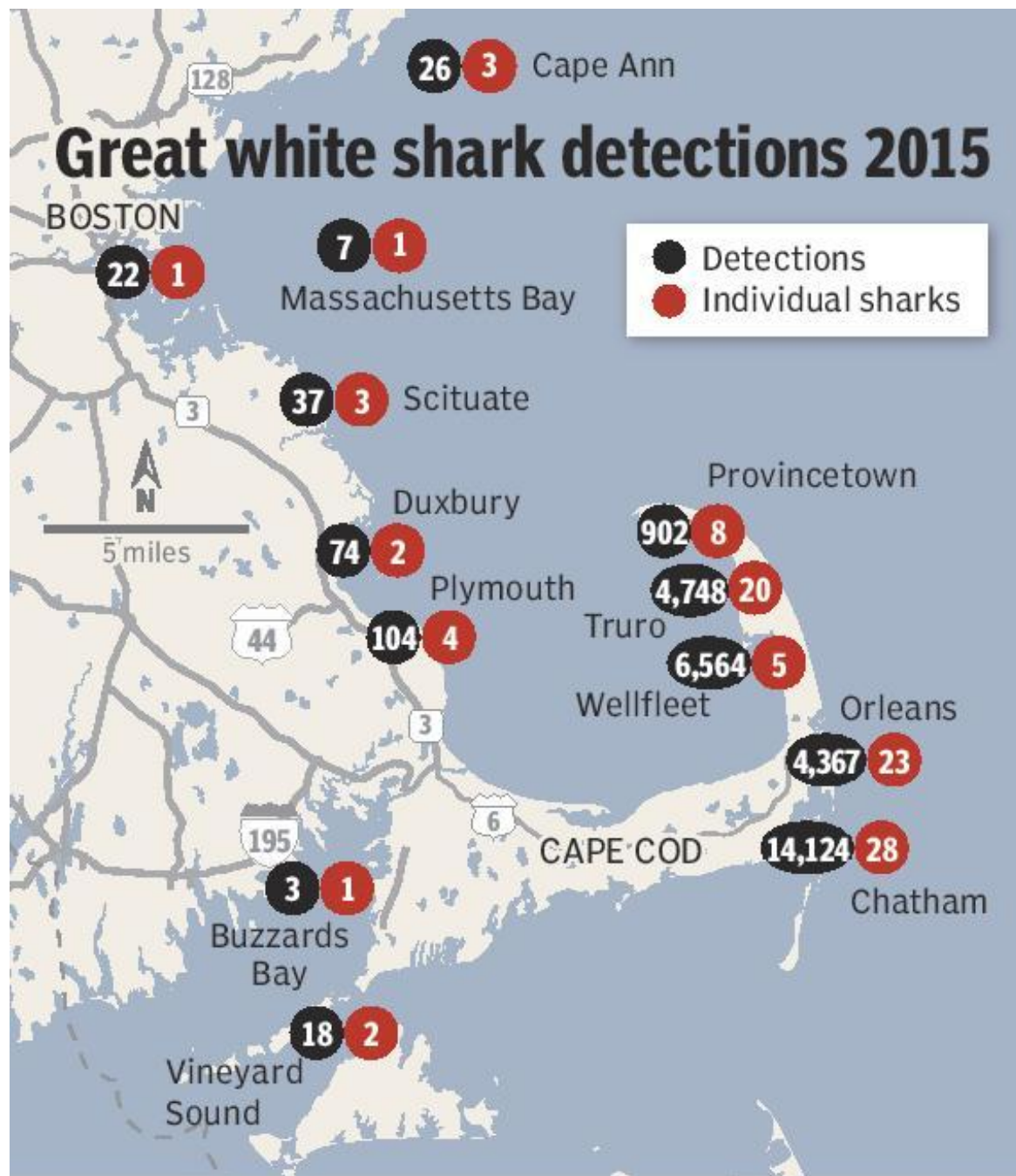
# Acoustic Tags



# Acoustic Data



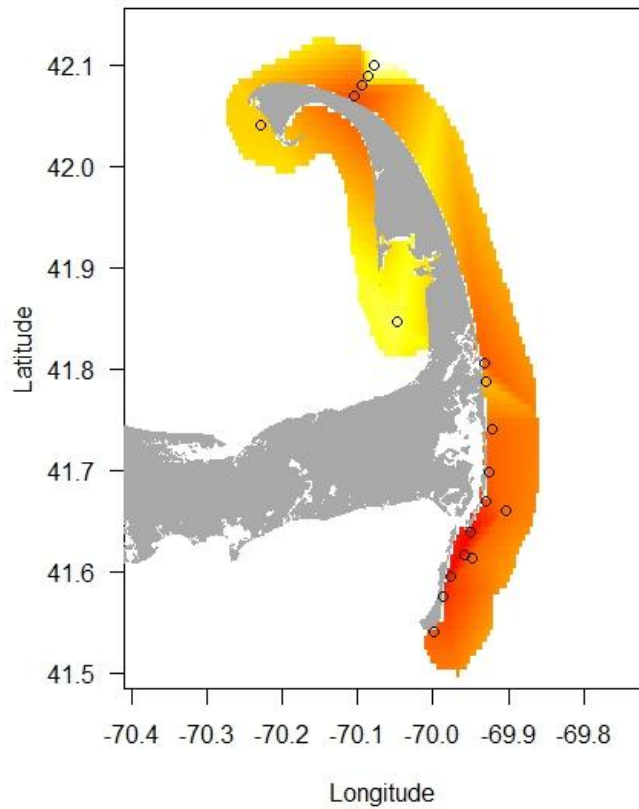
# Great white shark detections 2015



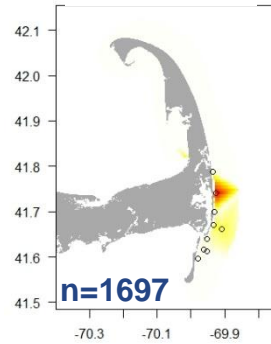
Source: maps4news.com/©HERE

GATEHOUSE MEDIA

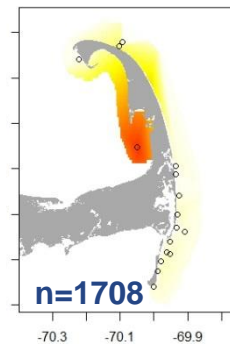
# Aggregate Space Use



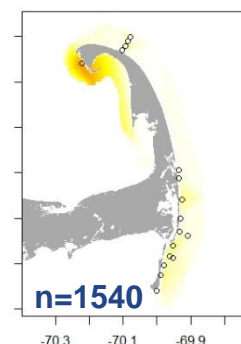
**James**



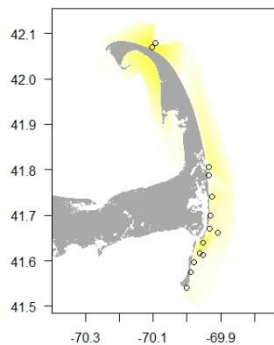
**Jamison**



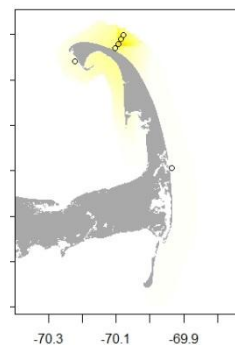
**Ocearch**



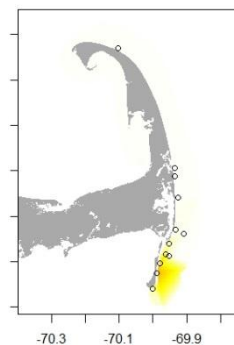
**Spc. B. Arsenault**



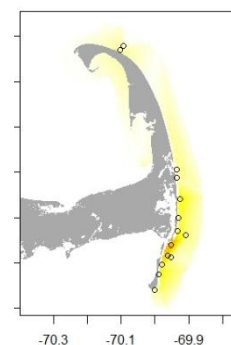
**Charlotte**



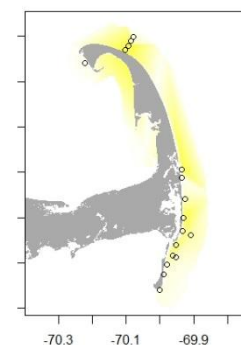
**Finn**



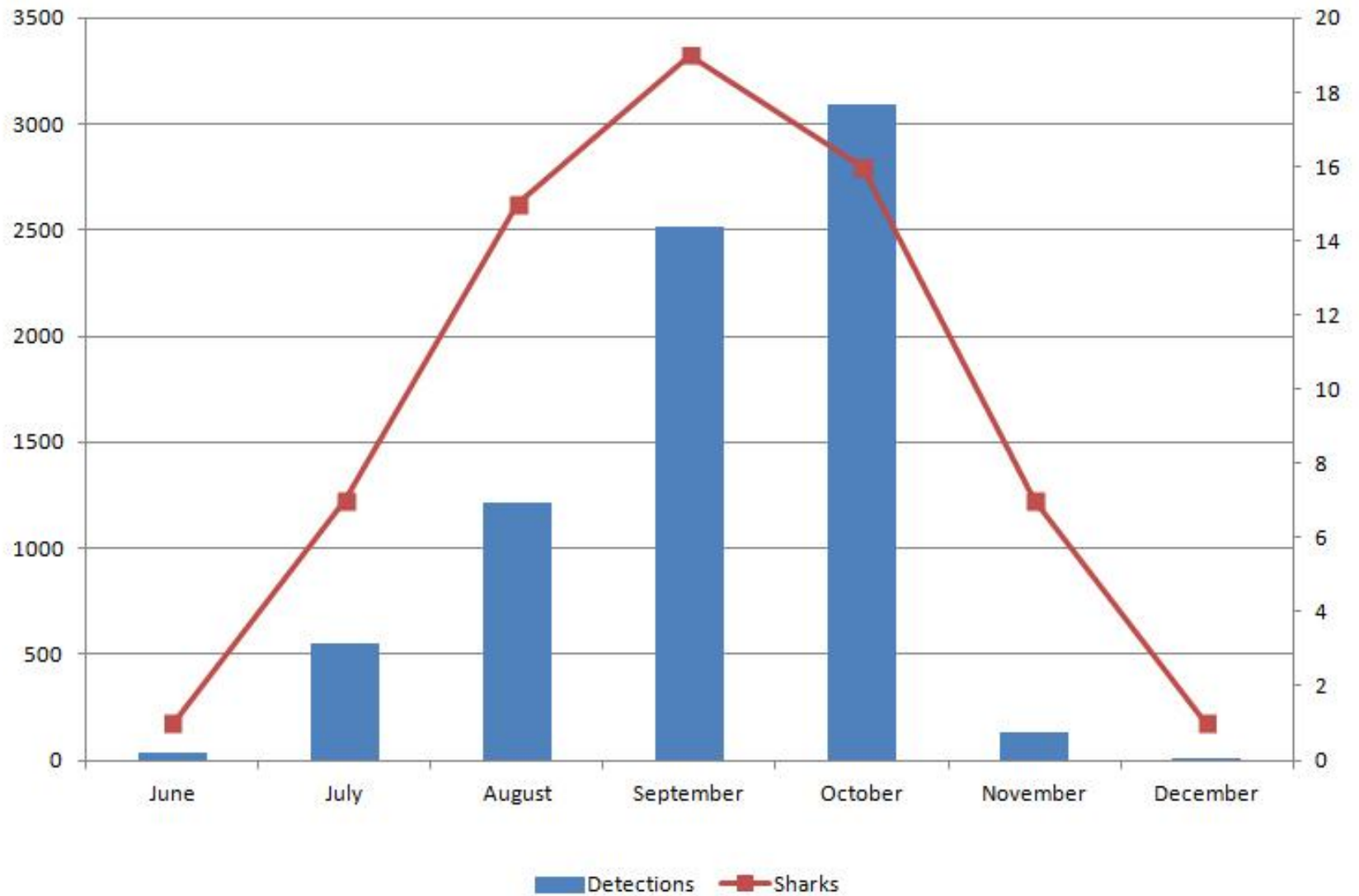
**Salty**



**Spike**



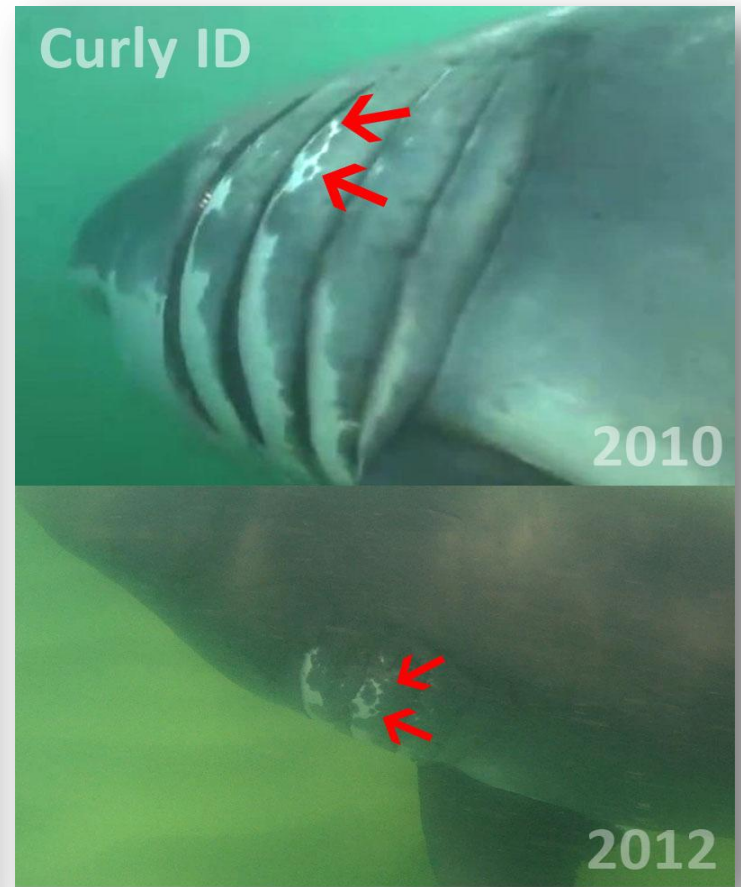
## Orleans 2014 - 2015



# Population Study



# White Shark ID





# Results

2014 - 68 Individuals

2015 - 100 New Individuals  
and 41 recaps

2016 - 80+ Individuals so far