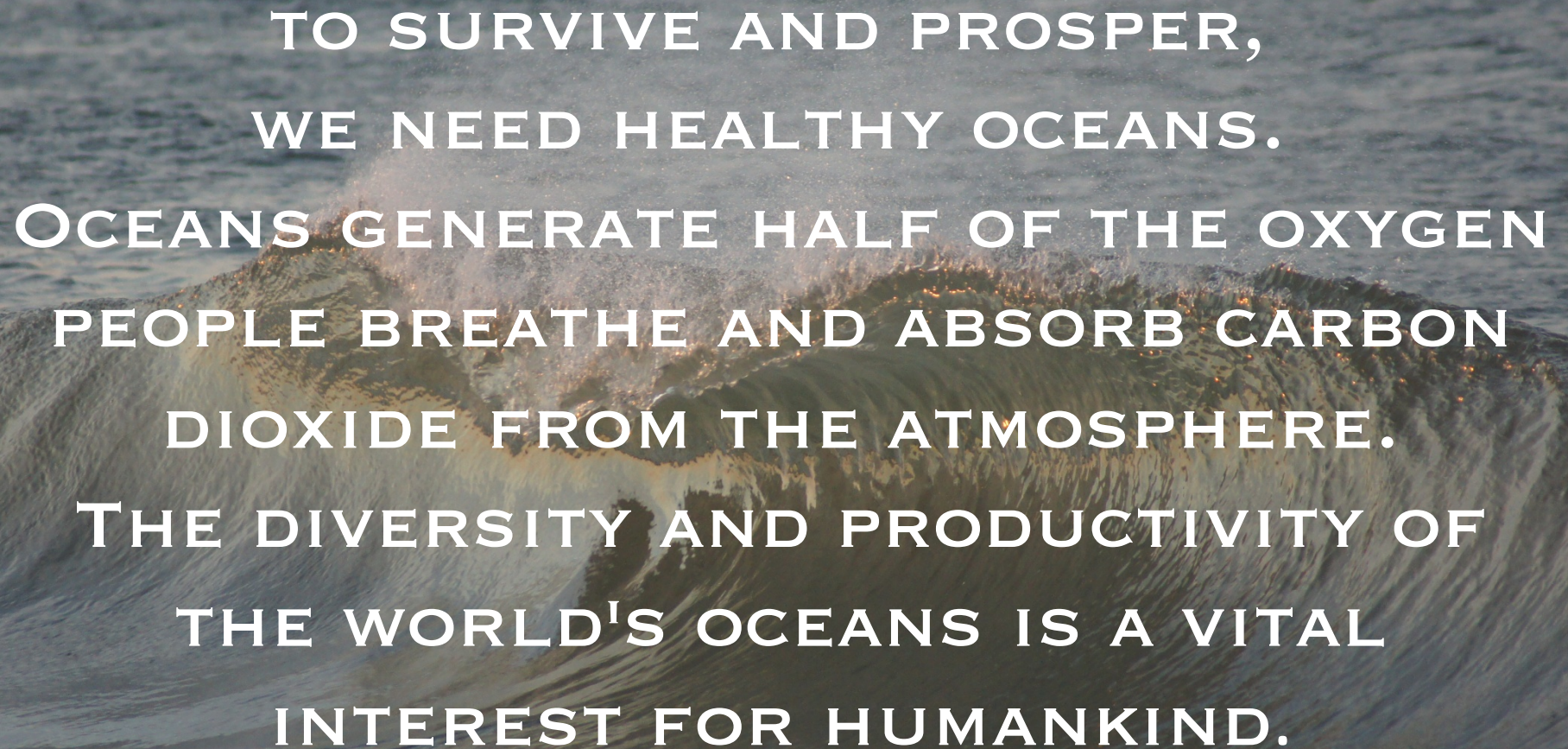


ATLANTIC WHITE SHARK CONSERVANCY

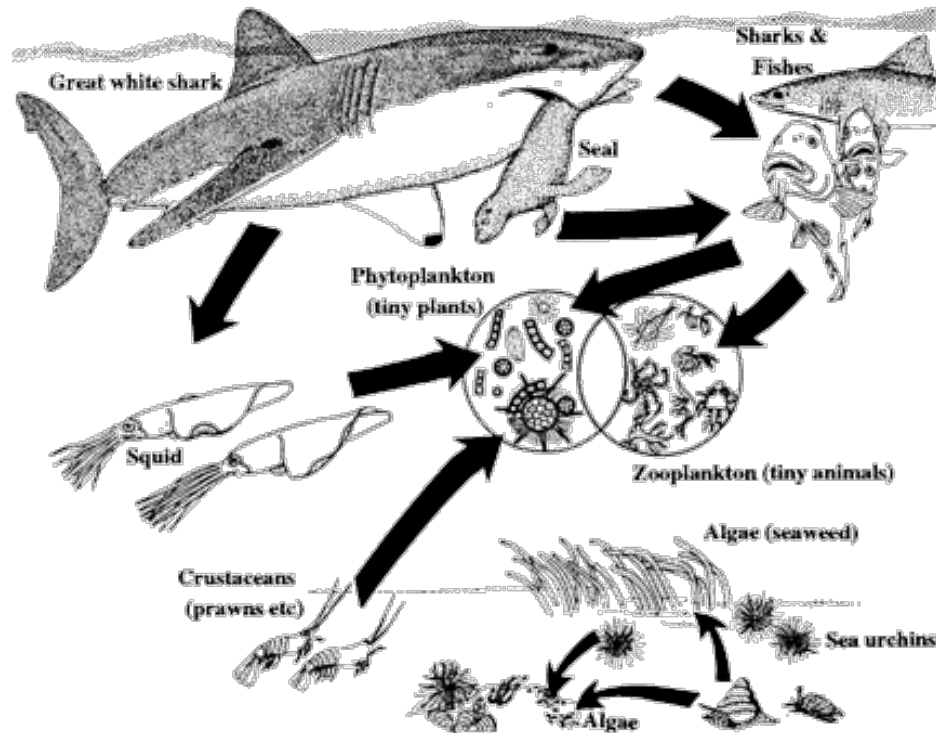
RESEARCH, PUBLIC SAFETY & EDUCATION





TO SURVIVE AND PROSPER,
WE NEED HEALTHY OCEANS.
OCEANS GENERATE HALF OF THE OXYGEN
PEOPLE BREATHE AND ABSORB CARBON
DIOXIDE FROM THE ATMOSPHERE.
THE DIVERSITY AND PRODUCTIVITY OF
THE WORLD'S OCEANS IS A VITAL
INTEREST FOR HUMANKIND.

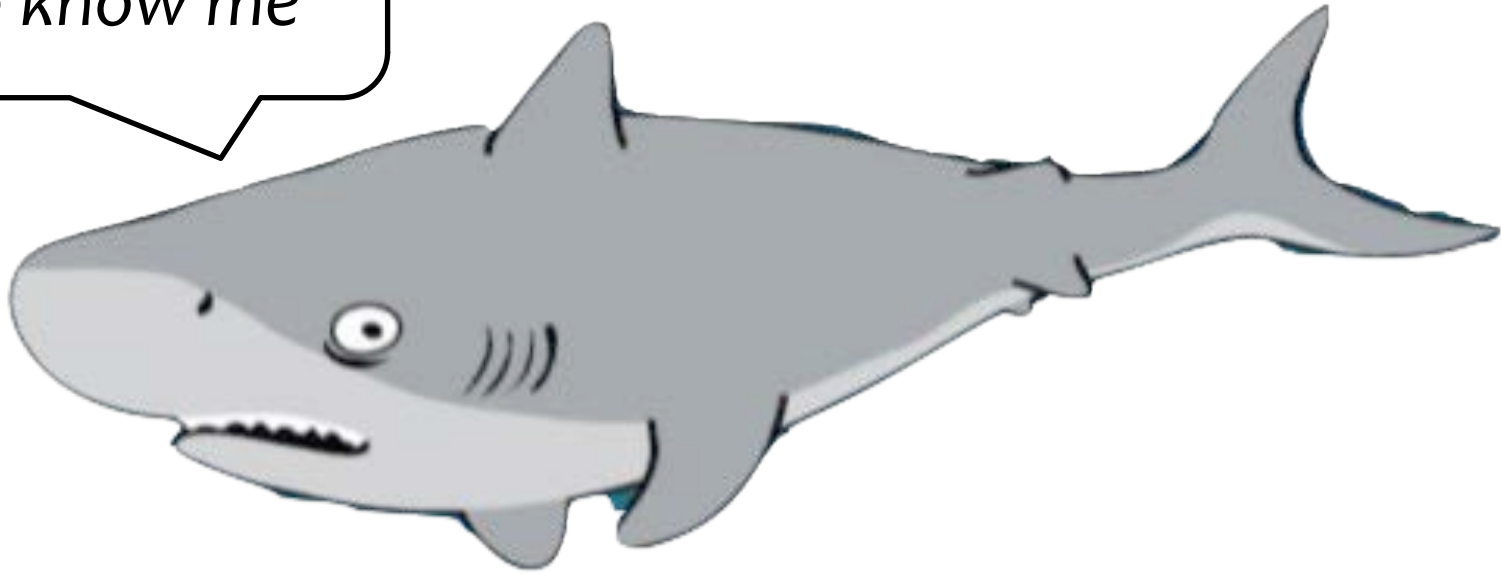
AS APEX PREDATORS, SHARKS PLAY AN IMPORTANT ROLE IN THE ECOSYSTEM BY MAINTAINING THE SPECIES BELOW THEM IN THE FOOD CHAIN AND SERVING AS AN INDICATOR FOR OCEAN HEALTH.



JAWS



*I'm not so bad once
you get to know me*



PUBLIC RELATIONS



REPLACING FEAR WITH FACTS

TRUE OR **FALSE**

**LAST YEAR, 1 600 PEOPLE WORLDWIDE
WERE BITTEN BY SHARKS**

FALSE – **LAST YEAR, 81 PEOPLE
WORLDWIDE WERE BITTEN BY
SHARKS**

**1 600 PEOPLE WERE BITTEN BY OTHER
PEOPLE IN NYC IN ONE YEAR**

**TRUE – IN NY ALONE, PEOPLE ARE
BITTEN 10X MORE EACH YEAR *BY*
OTHER PEOPLE THAN WORLDWIDE BY
SHARKS**

**LAST YEAR, 40 PEOPLE
WORLDWIDE DIED AFTER BEING
ATTACKED BY A SHARK**

**FALSE – THERE WERE FOUR
FATAL ATTACKS IN 2016**



WHO HAS MORE TO FEAR?

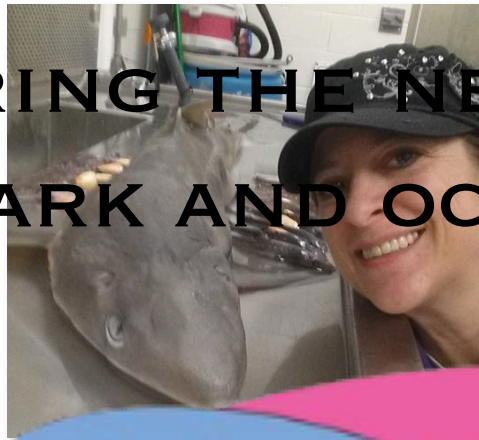


OUTREACH AND EDUCATION



INSPIRING THE NEXT GENERATION OF SHARK AND OCEAN ADVOCATES

DR. CINDY T. BUZZO



DR. LI LING H.



DR. BROOKE FLAMMANG



OVER 500 SHARK SPECIES



WHITE SHARK

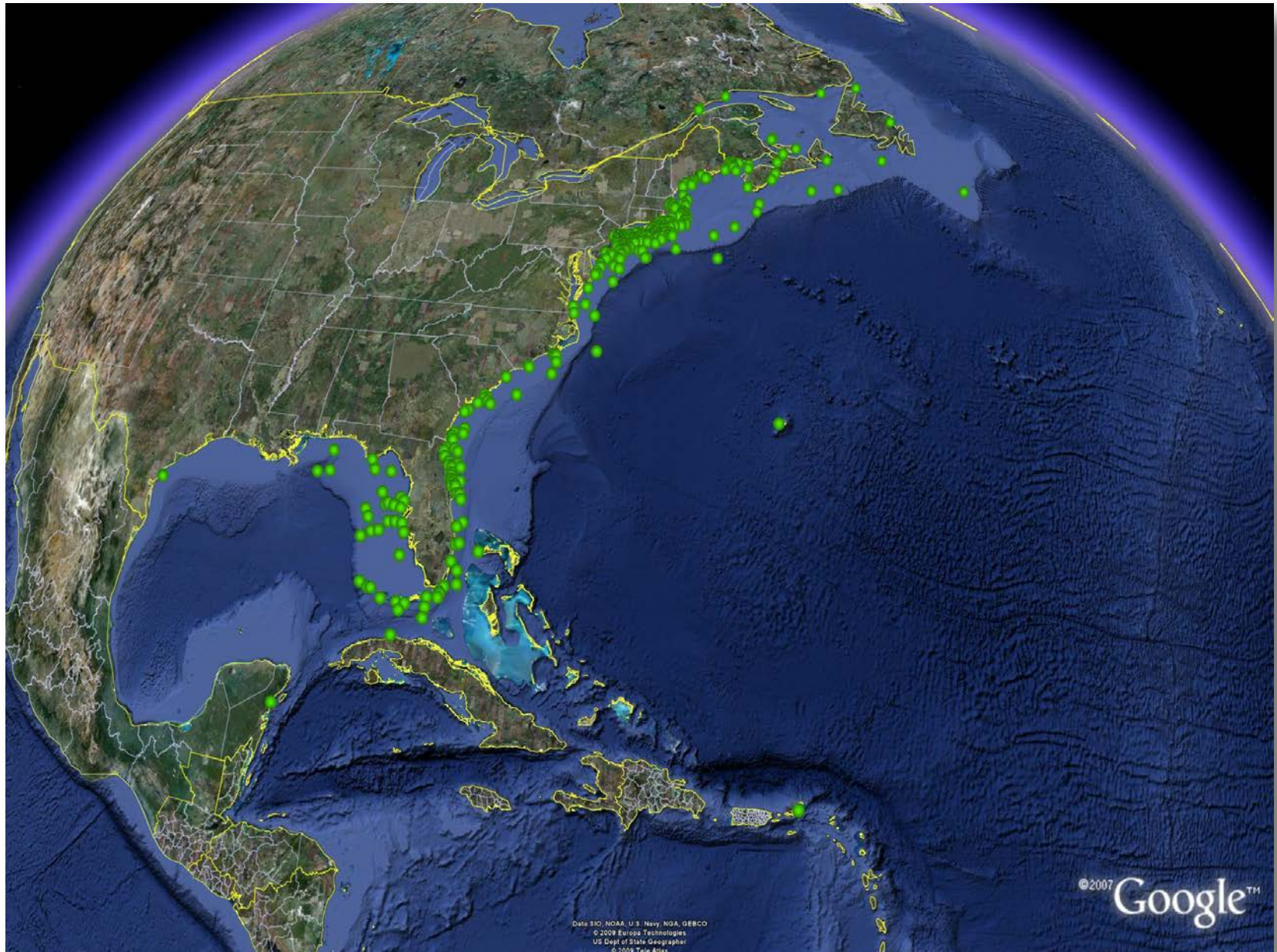
CARCHARODON CARCHARIAS

'Myra'
WS 16-13
7-15-2016

Atlantic White Shark Conservancy
Massachusetts Division of Marine Fisheries



DISTRIBUTION: WESTERN NORTH ATLANTIC



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

WHITE SHARK HOTSPOT



GREY SEAL: POPULATION REBOUND



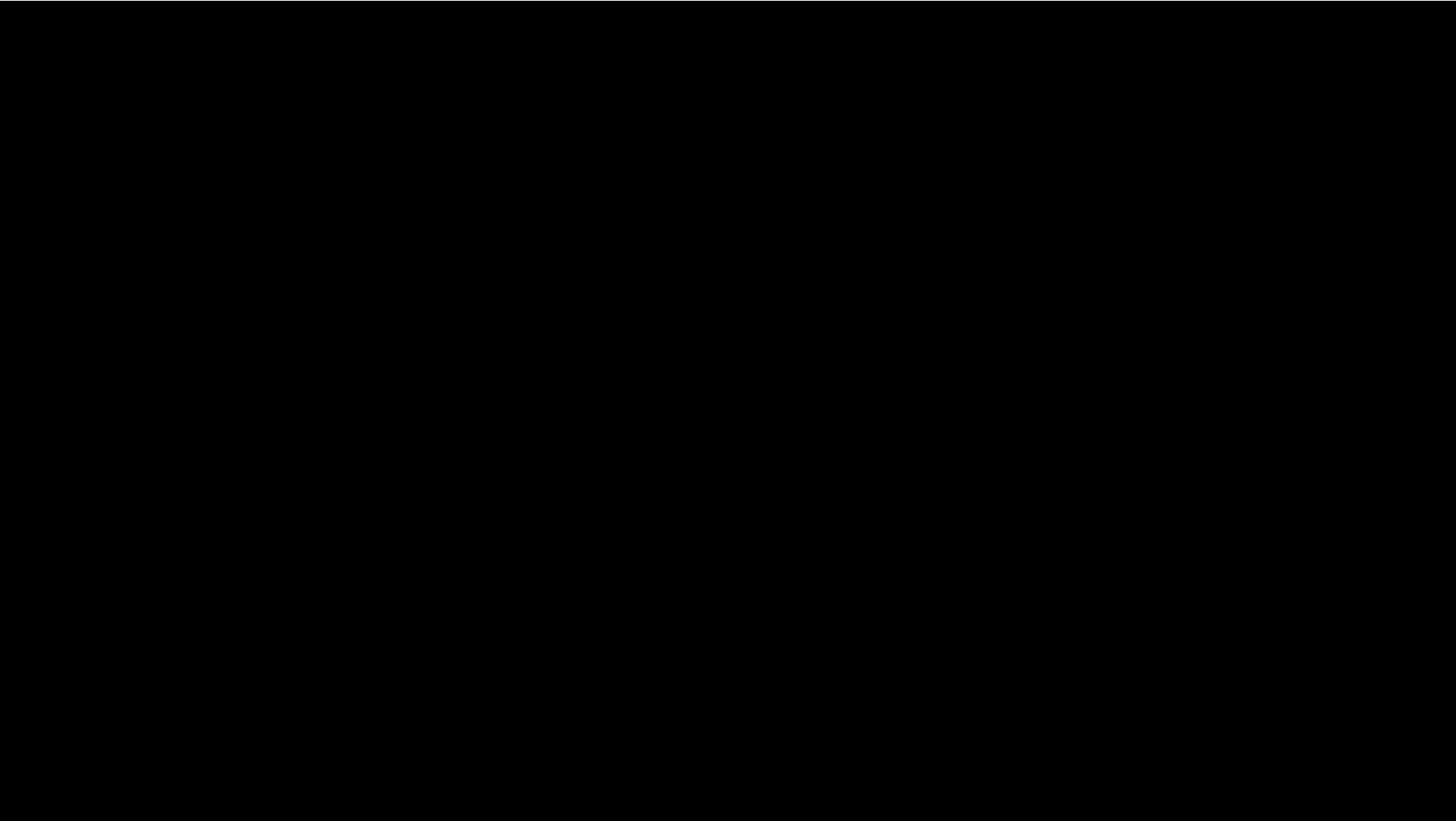
Atlantic White Shark Conservancy ©Wayne Davis

PREDATOR AND PREY

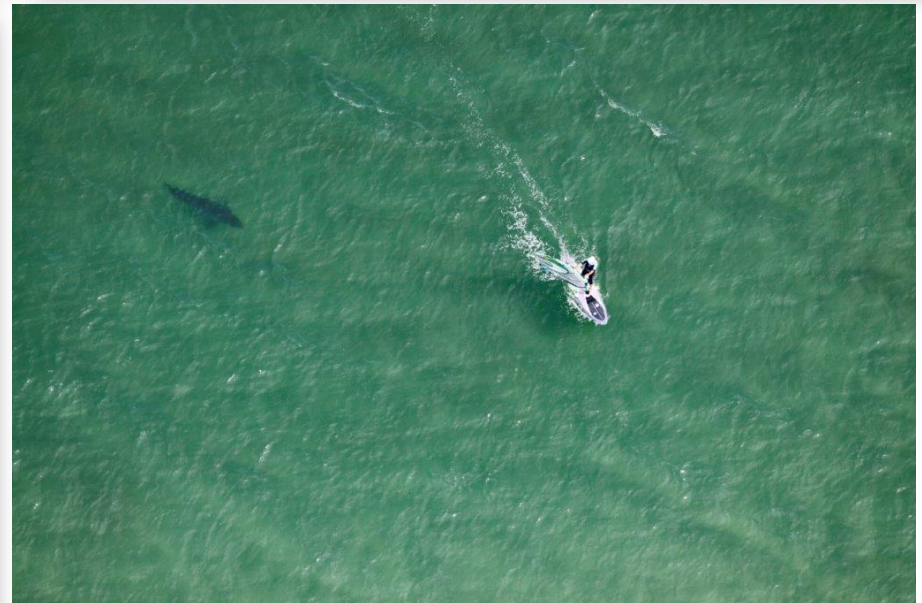
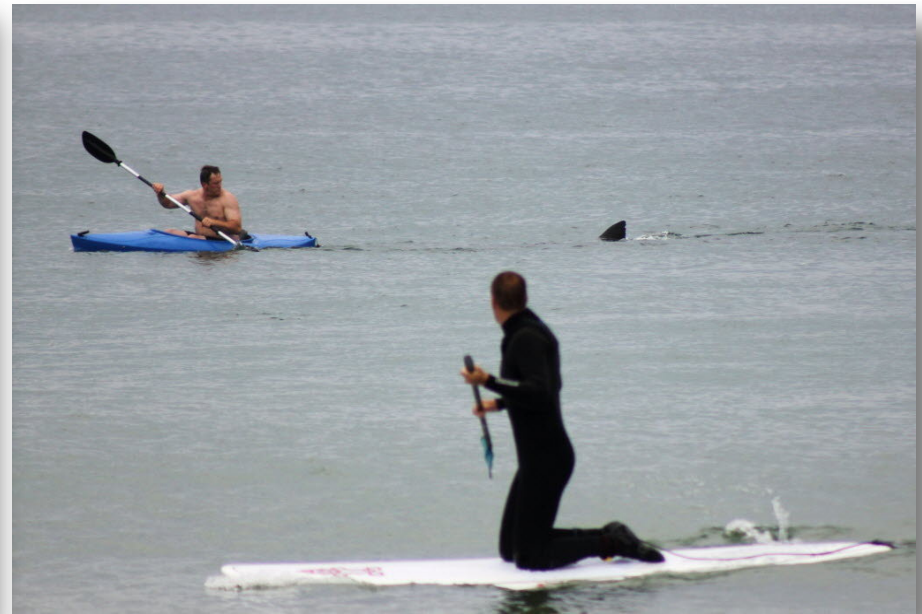




WHITE SHARK BREACH



PUBLIC SAFETY CONCERNS



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

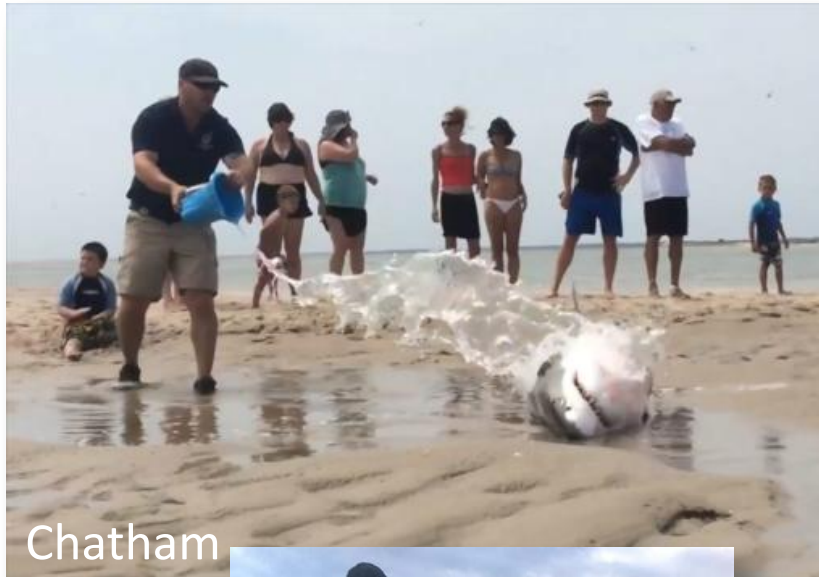
- Do not swim near seals
- Swim close to shore in waist deep water
- Avoid swimming at dawn and dusk
- Swim and surf in groups

Download the **Sharktivity App** to receive alerts and report sightings
For more info and to view the latest research visit www.atlanticwhiteshark.org

Shark Alert!
Race Point Beach



WHITE SHARK STRANDINGS



Chatham



Wellfleet

Jack Cohen



Orleans



Harwich

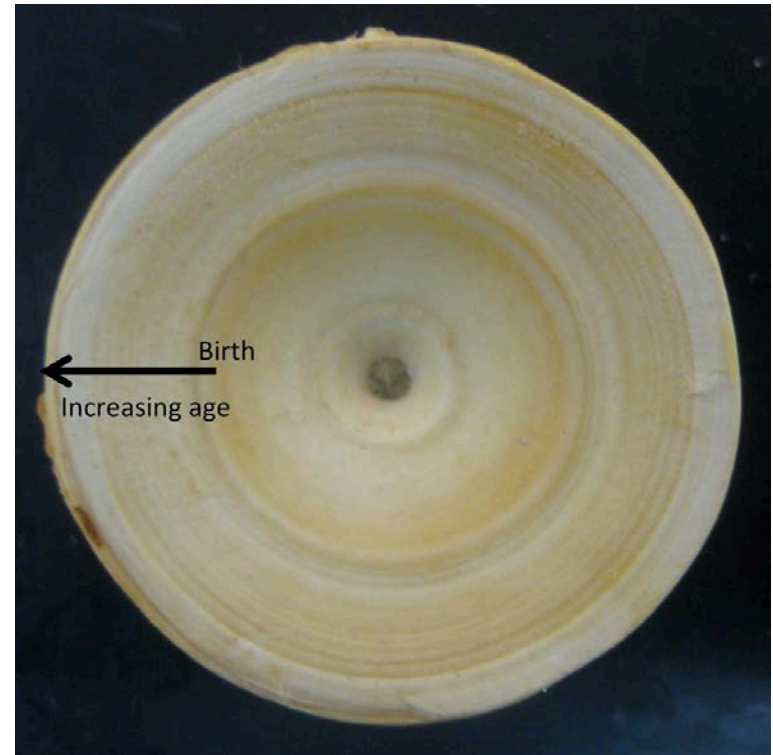
WHITE SHARK RESCUE



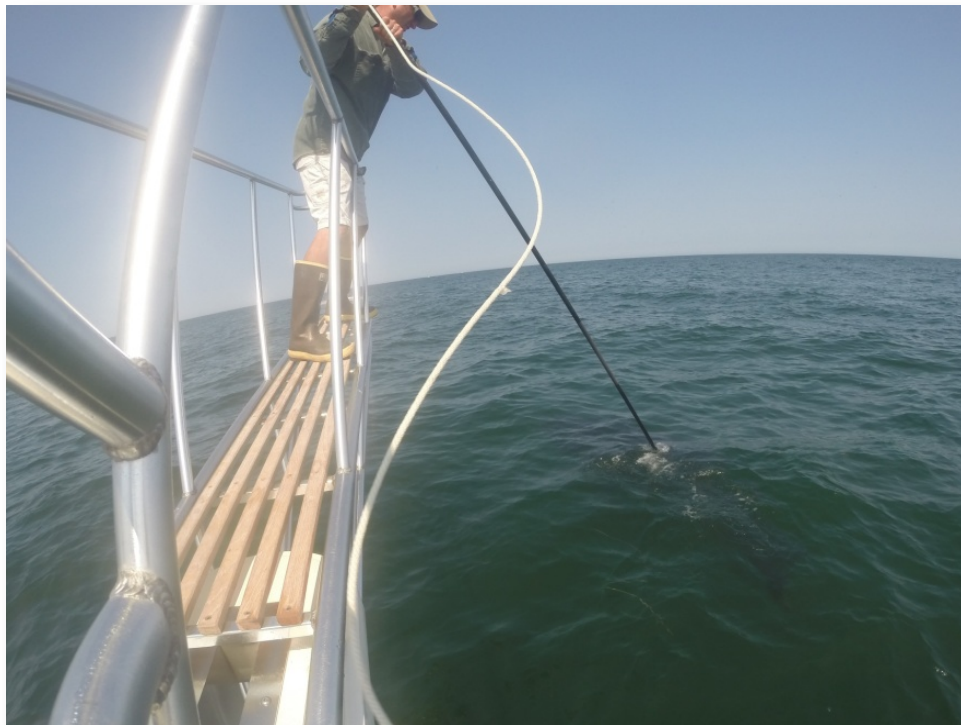
CHANGE IN PUBLIC PERCEPTION



WHITE SHARK NECROPSY



WHITE SHARK STUDIES



MOVEMENT STUDY

2009 – 2016 (N=106)

REAL-TIME SATELLITE



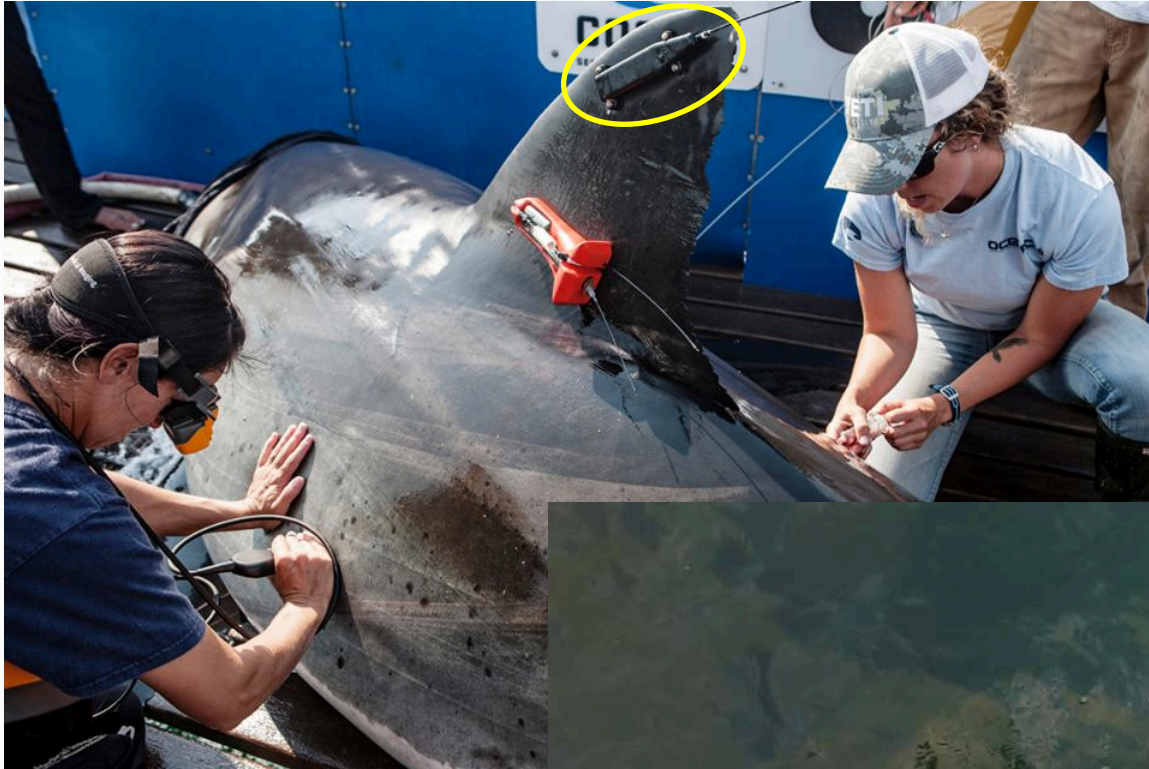
POP-UP SATELLITE



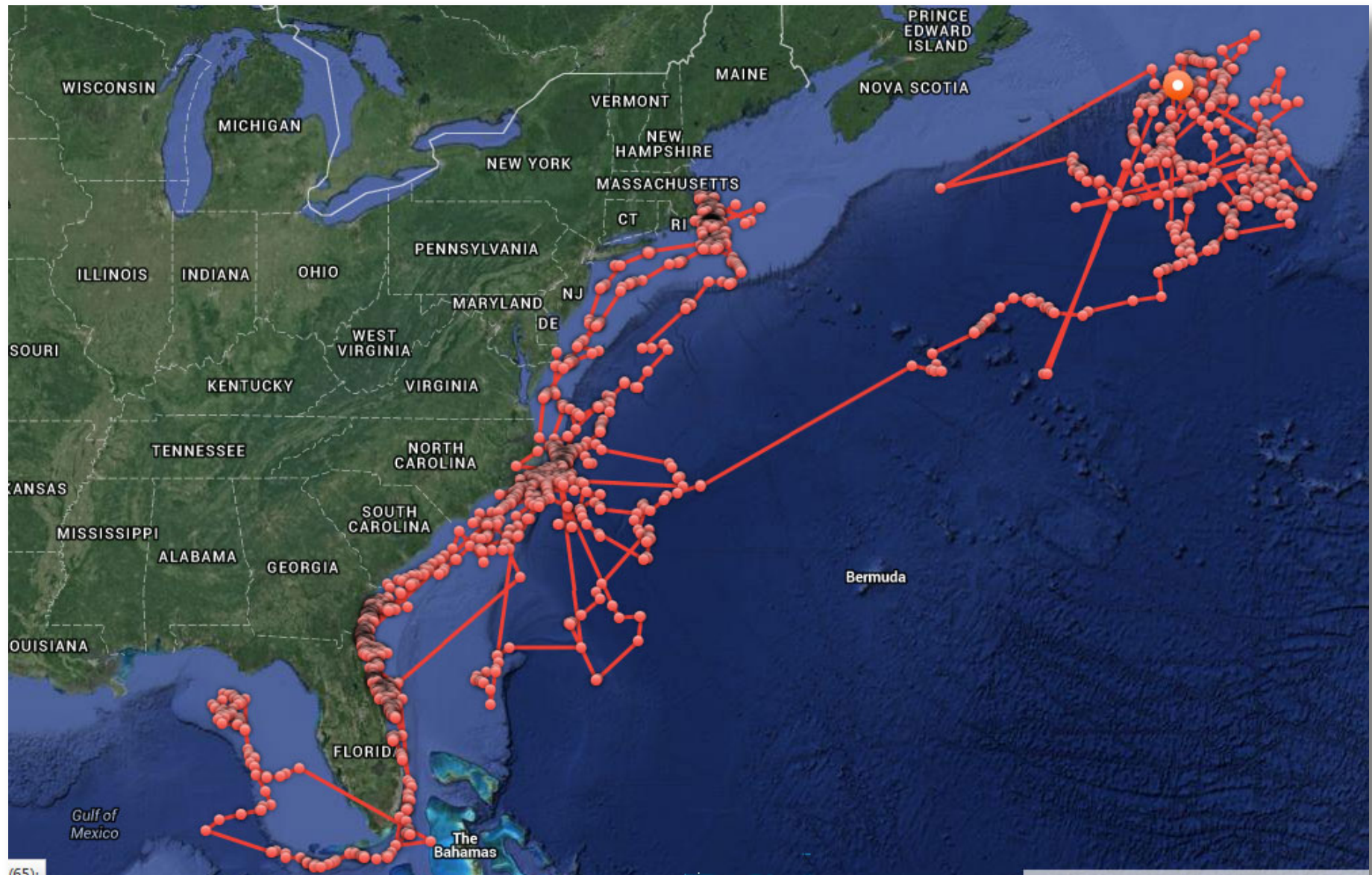
ACOUSTIC



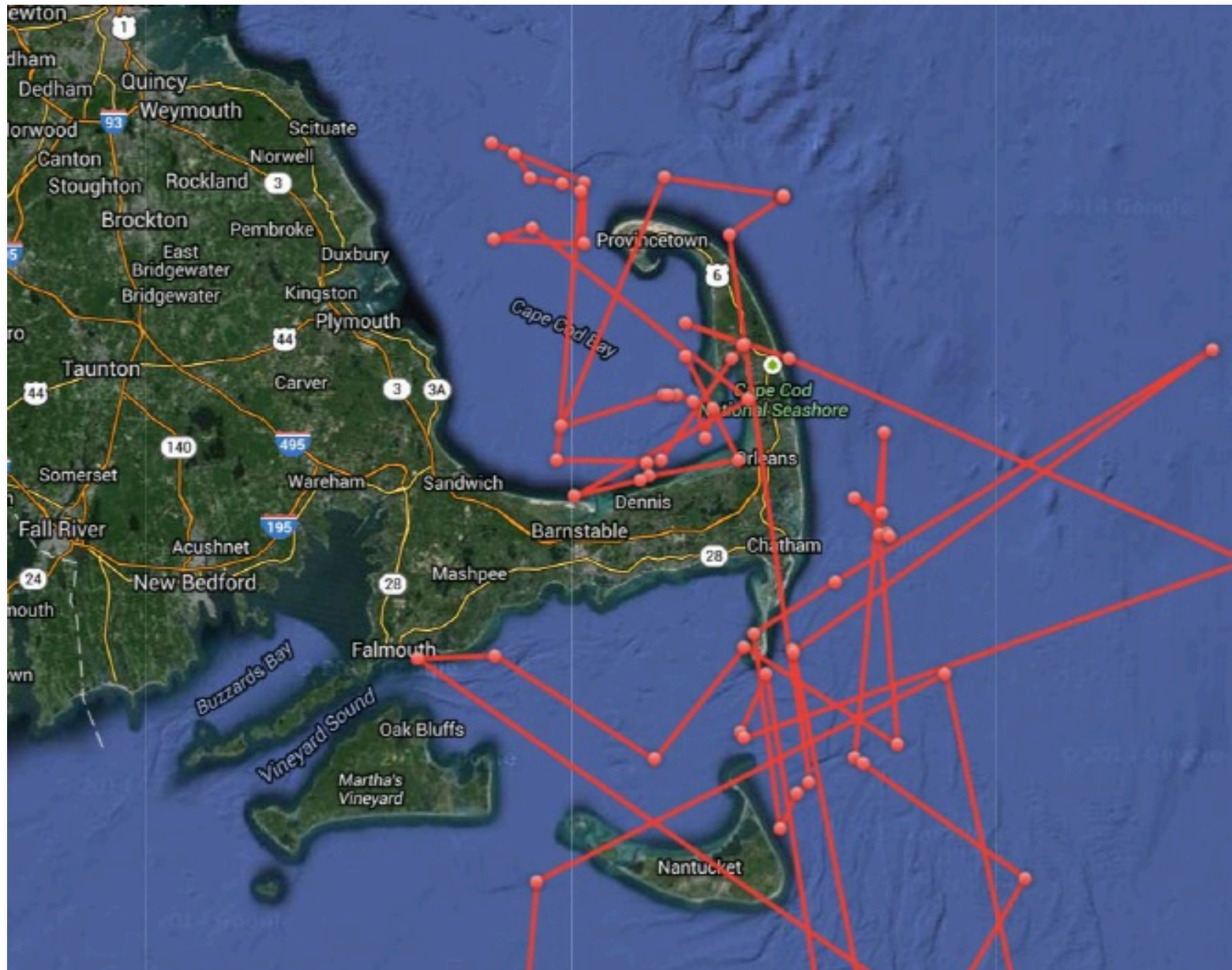
SPOT TAGS



SPOT DATA



SPOT DATA



EYES IN THE SKY



©Atlantic White Shark Conservancy/Wayne Davis



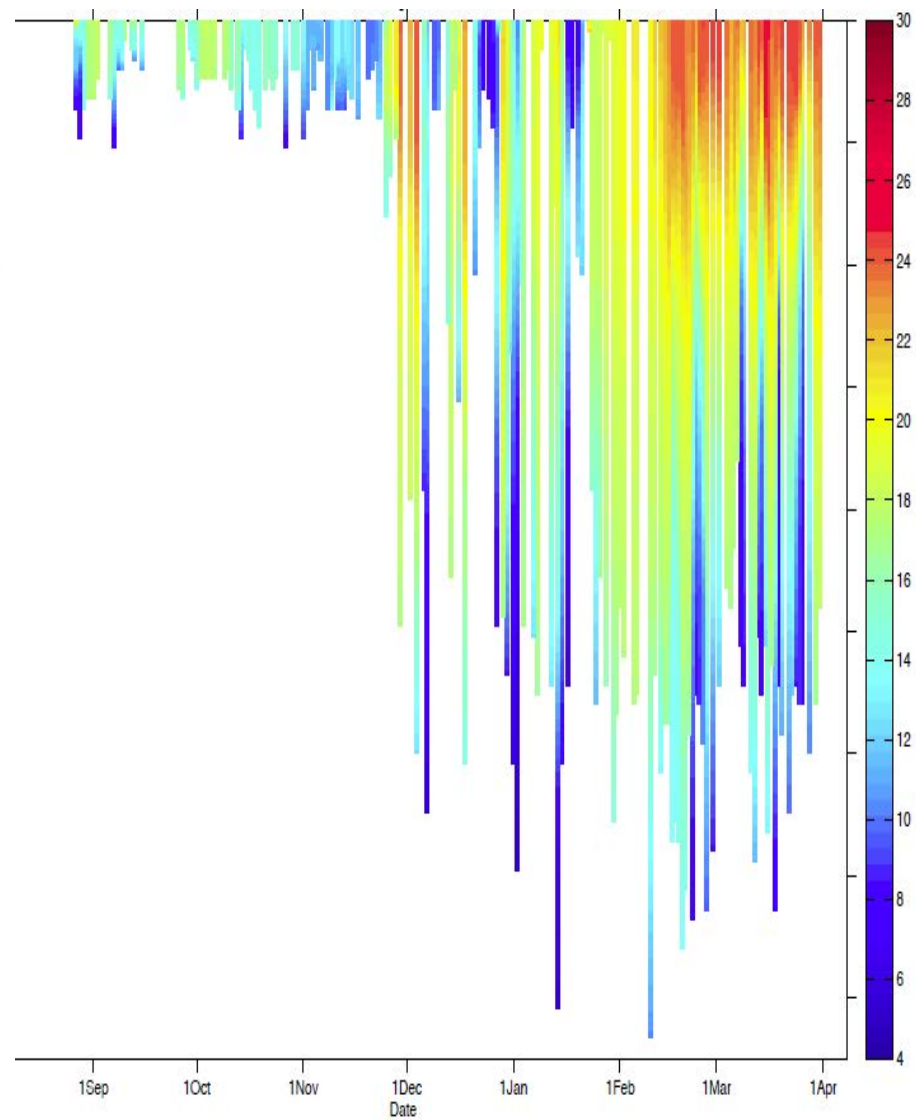
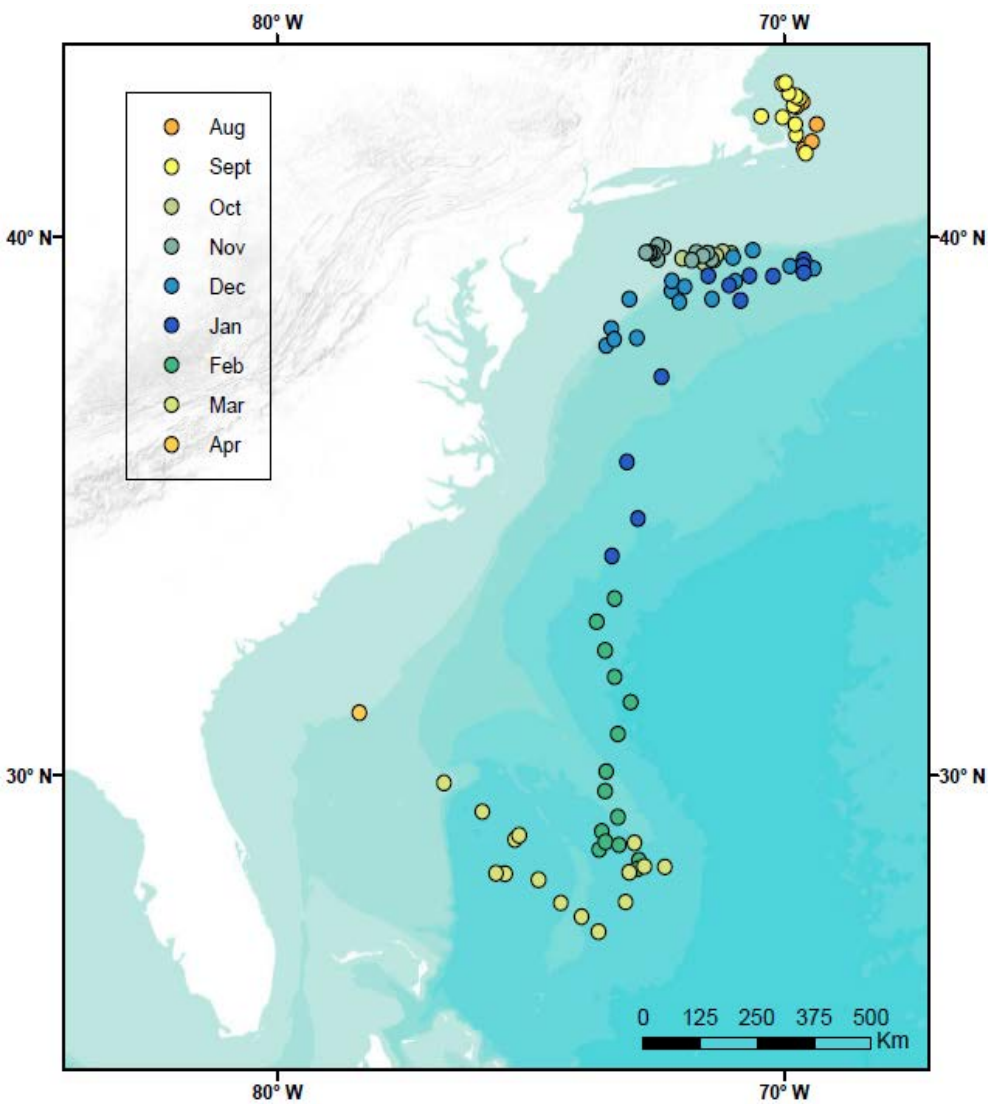
SHARK TAGGING



PSAT TAGS



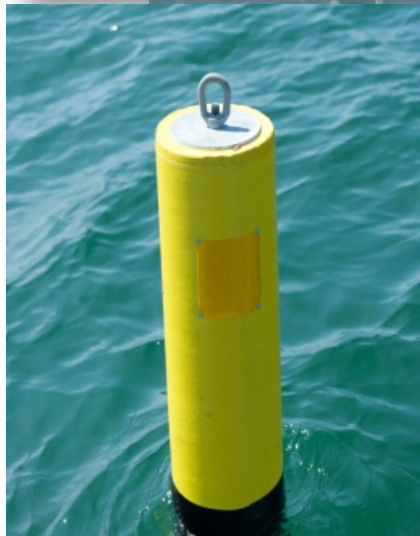
PSAT DATA



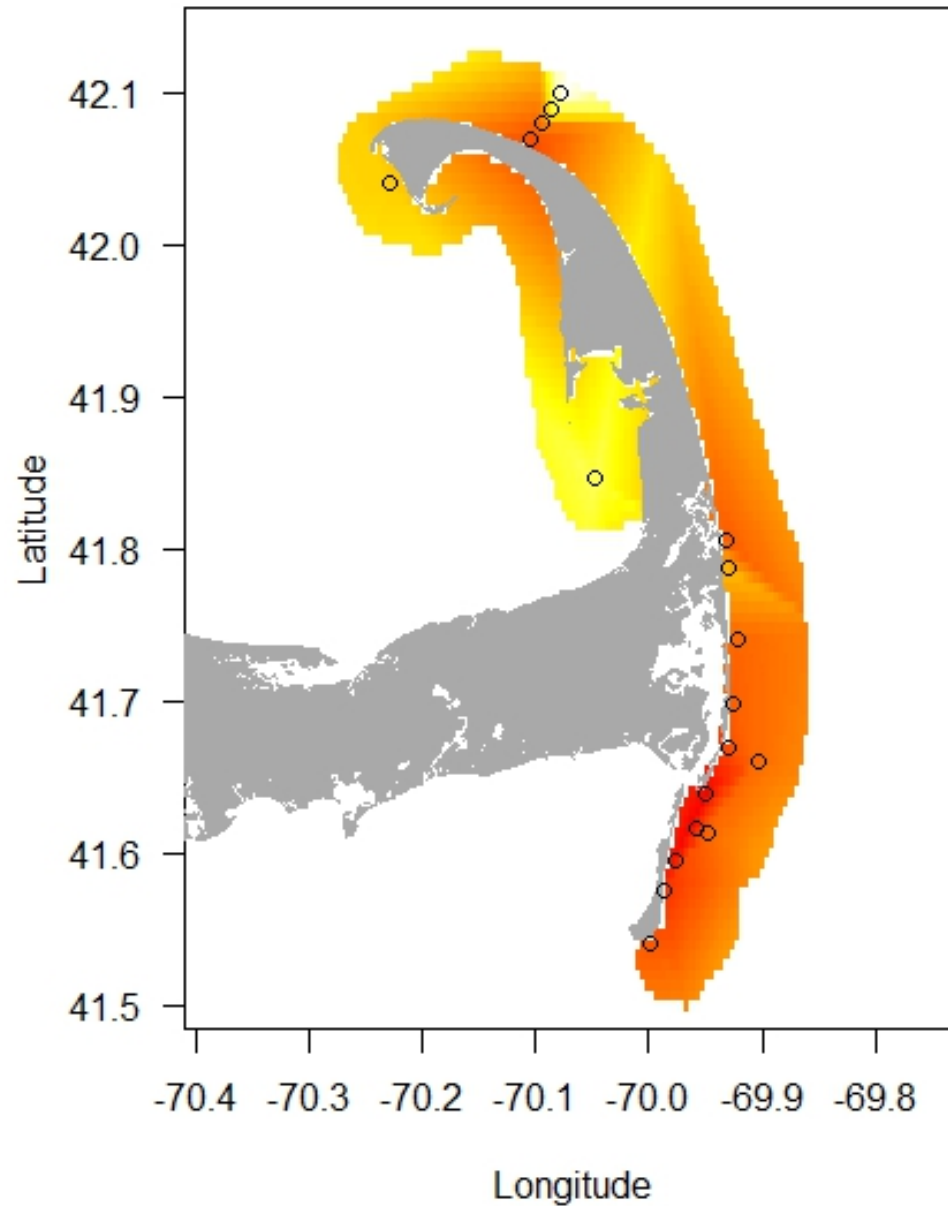
ACOUSTIC TAGS



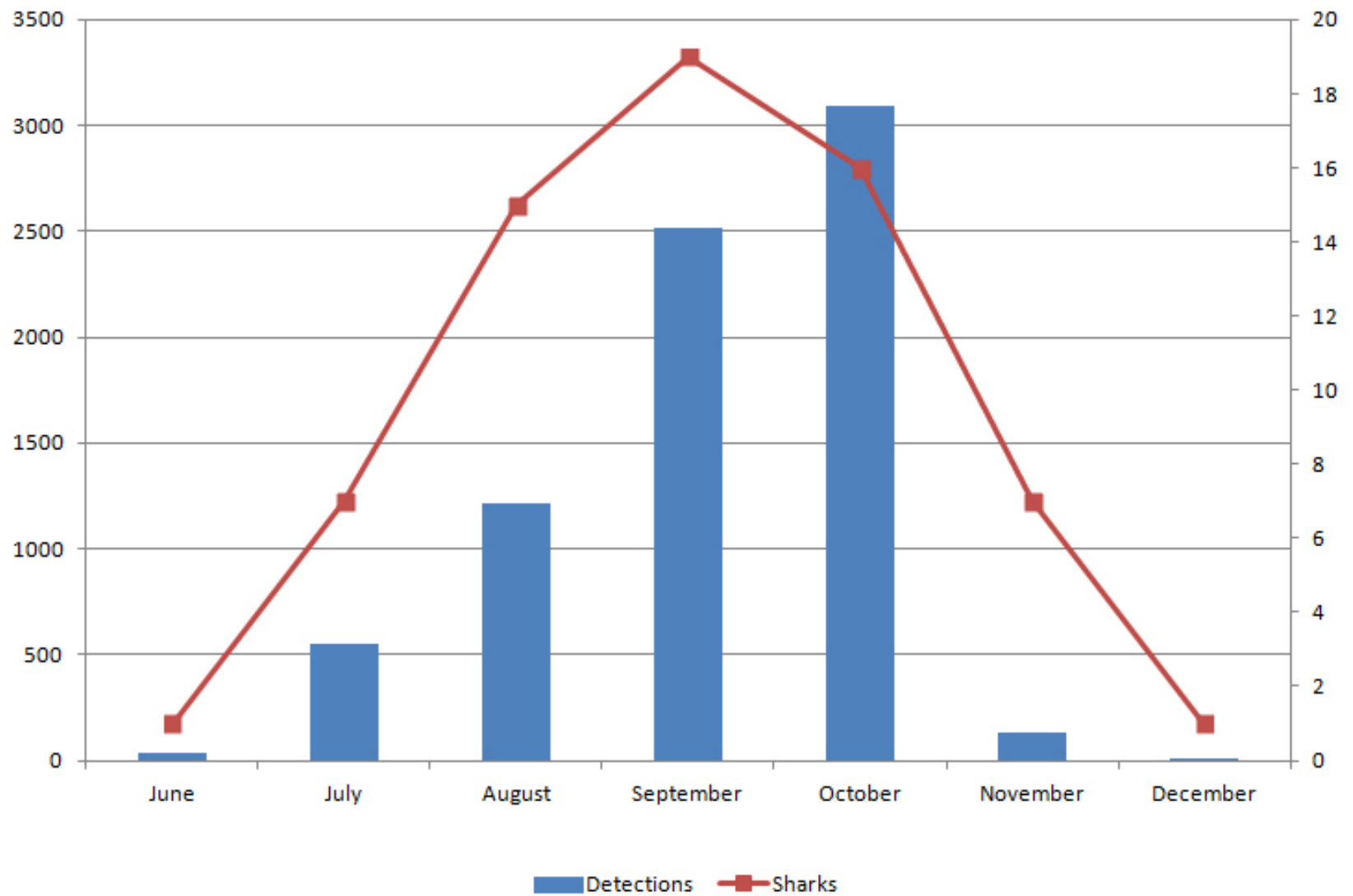
ACOUSTIC DATA



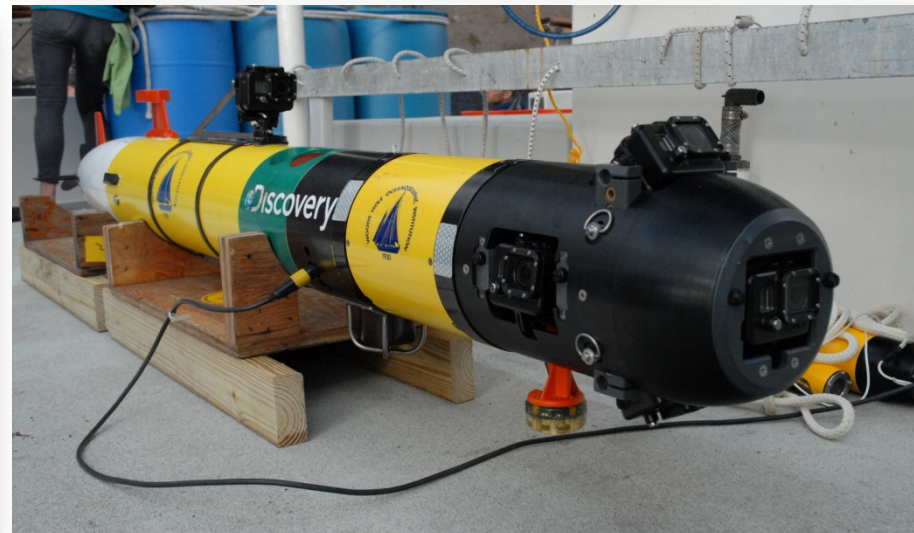
AGGREGATE SPACE USE

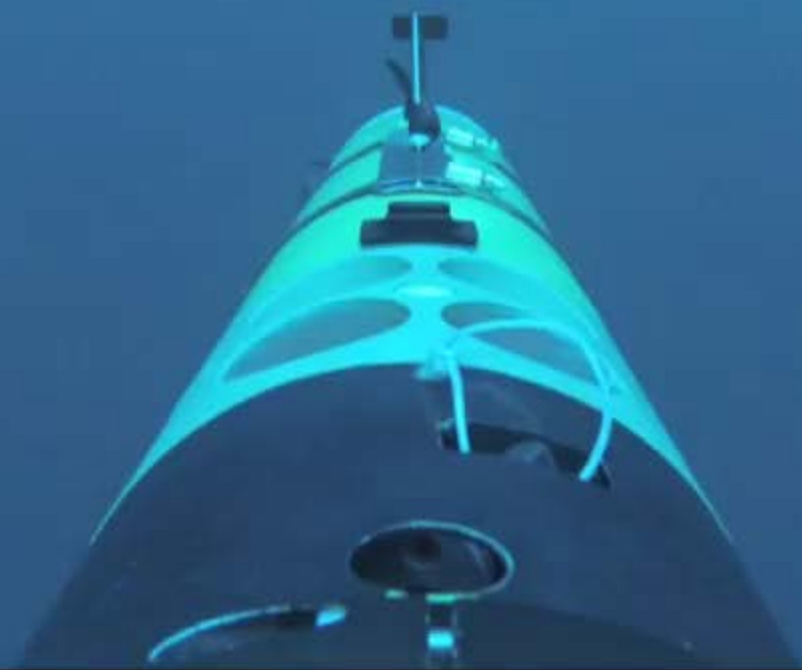


Orleans 2014 - 2015



AUTONOMOUS UNDERWATER VEHICLE (AUV)





NEW TECHNOLOGY



POPULATION STUDY



WHITE SHARK ID



RESULTS

2014 - 68 INDIVIDUALS

Pop Study 9-4-14

WS 12-01

Pop Study 8-8-2014

WS 14-07

Pop Study 9-15-14

2015 - 100 NEW INDIVIDUALS
AND 41 RECAPS

Pop Study 9-4-14

WS 14-25-18-2014

WS 14-10

Pop Study 9-4-14

WS 14-08

2016 - 90 NEW INDIVIDUALS
AND 67 RECAPS

Pop Study 9-4-14

WS 14-12

Pop Study 8-26-2014

WS 14-23

Pop Study 9-4-14

WS 12-

TOTAL - 258 INDIVIDUALS

Pop Study 7-31-2014

WS 14-04-14

WS 14-36

Pop Study 9-18-14

WS 14-37

Pop Study 7-31-14

WS 14-06

SHARKTIVITY APP

