Science, Service, Stewardship

2009-2012 Right Whale Entanglement and Mortality Cases

Preliminary Findings from 2010-2012 Right Whale Field Seasons

January 09, 2012

NOAA FISHERIES SERVICE

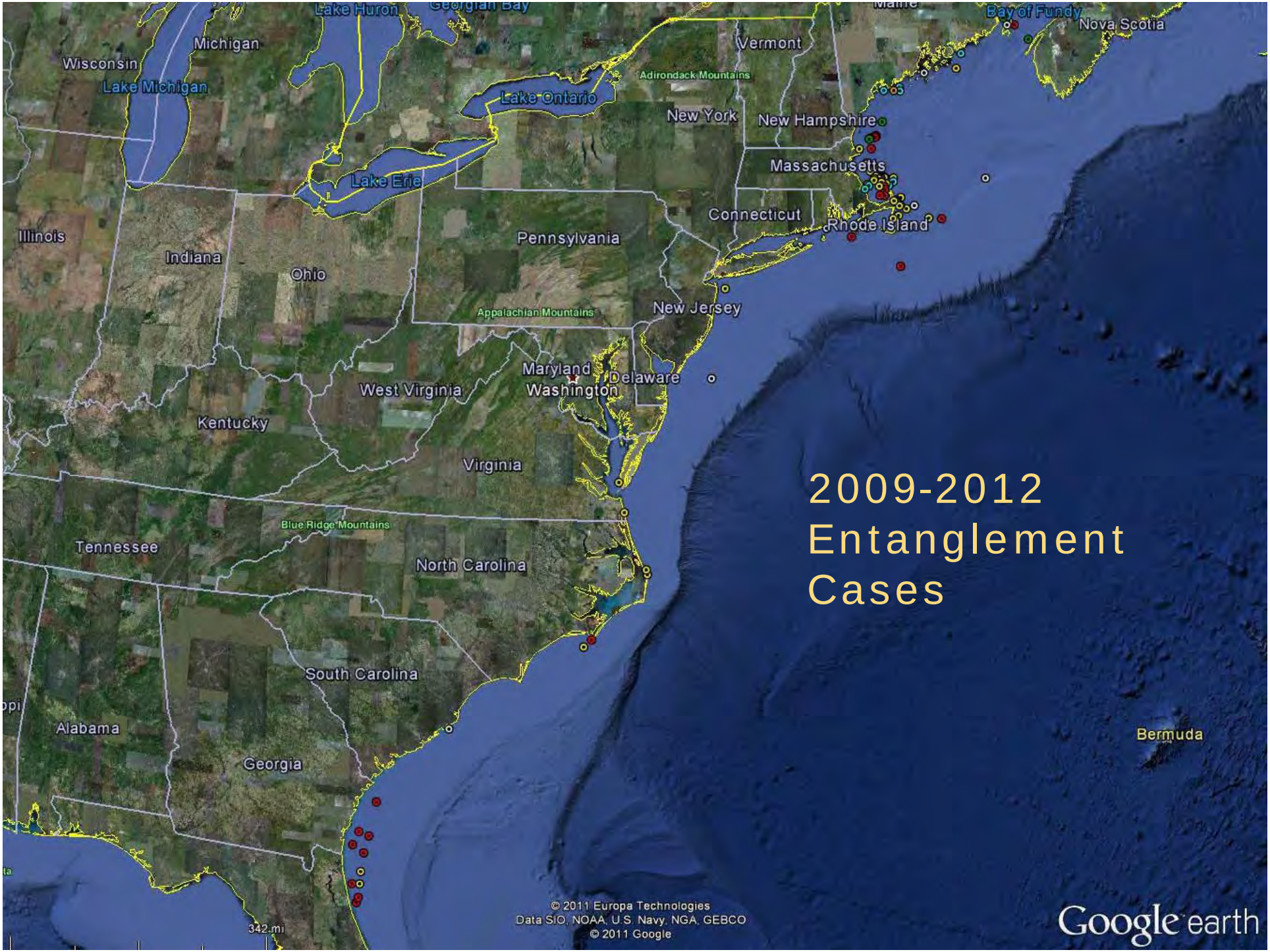
Atlantic Large Whale Take Reduction Team Meeting

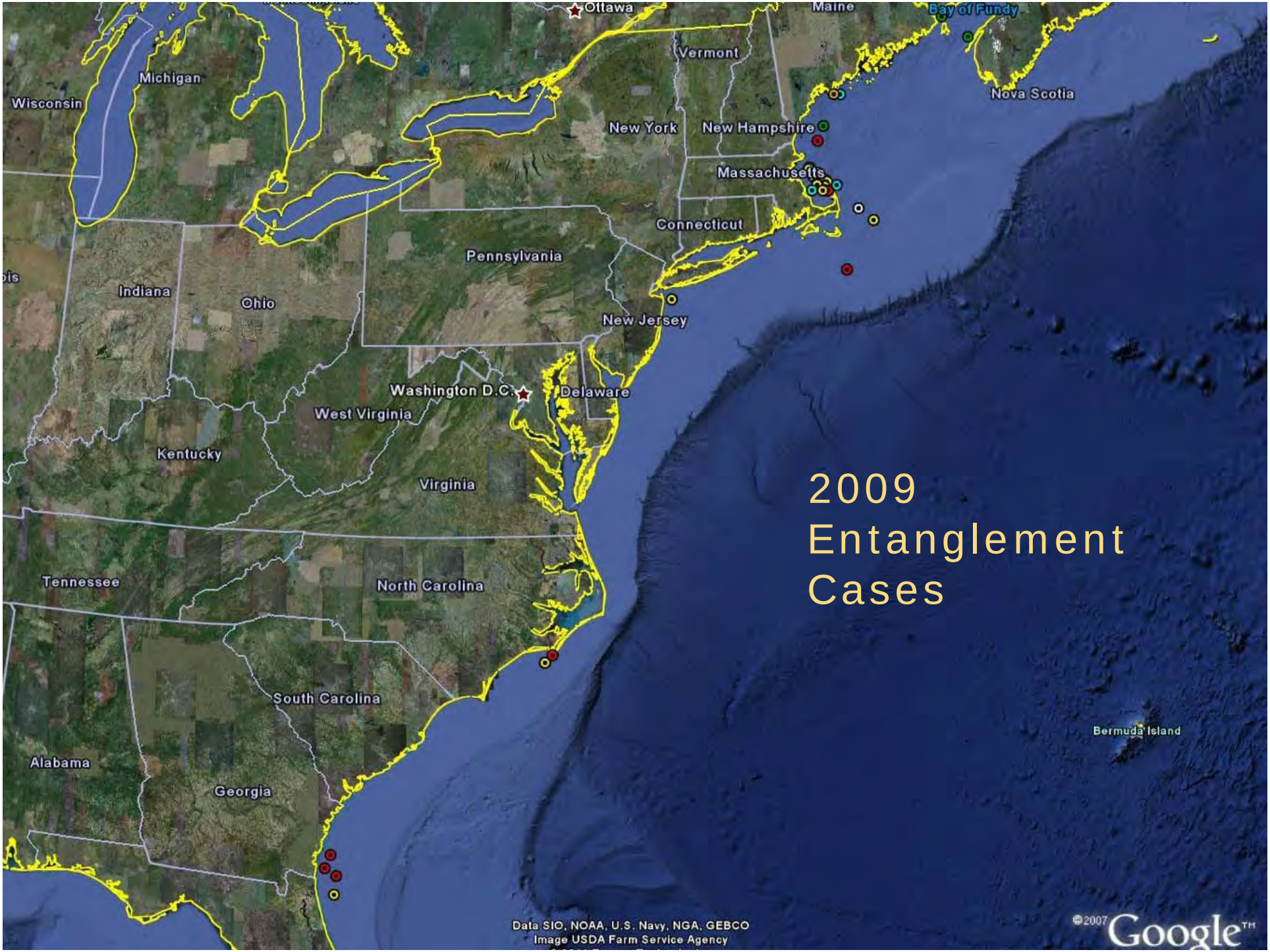
Providence, RI

Cases observed

- Total of 14 new Entangled Eg cases seen from Oct 01, 2010-Jan 2012:
  - Eg #3120
  - Eg #3911
  - Eg #3010
  - Eg #3712
  - BK01SEUS10
  - Eg #3760
  - Unk Eg (Dead Eg off SC)
  - Eg #3893
  - Eg #3302
  - S044
  - Eg #3123
  - 2010 Calf of Eg #3360
  - Eg #3111
  - Eg #3821

- Total of 5 Mortality Eg cases seen from Oct 01, 2010-Jan 2012:
  - Eg #3911
  - Unk Eg off SC
  - Unk Eg off SC
  - Eg #1303
  - Eg #1308


2009-2012
Entanglement
Cases
Lake Huron
Georgian Bay
Michigan
Wisconsin
Lake Michigan
Lake Ontario
Adirondack Mountains
Vermont
Bay of Fundy
Nova Scotia
New York
New Hampshire
Massachusetts
Lake Erie
Connecticut
Rhode Island
Illinois
Indiana
Ohio
Pennsylvania
Appalachian Mountains
New Jersey
Maryland
Washington
Delaware
West Virginia
Kentucky
Virginia
Blue Ridge Mountains
Tennessee
North Carolina
South Carolina
Alabama
Georgia
Bermuda
342 mi
© 2011 Europa Technologies
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
© 2011 Google
Google earth


2009
Entanglement
Cases
Ottawa
Maine
Bay of Fundy
Vermont
Nova Scotia
Michigan
Wisconsin
New York
New Hampshire
Massachusetts
Connecticut
Pennsylvania
Indiana
Ohio
New Jersey
Washington D.C.
Delaware
West Virginia
Kentucky
Virginia
Tennessee
North Carolina
South Carolina
Alabama
Georgia
Bermuda Island
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image USDA Farm Service Agency
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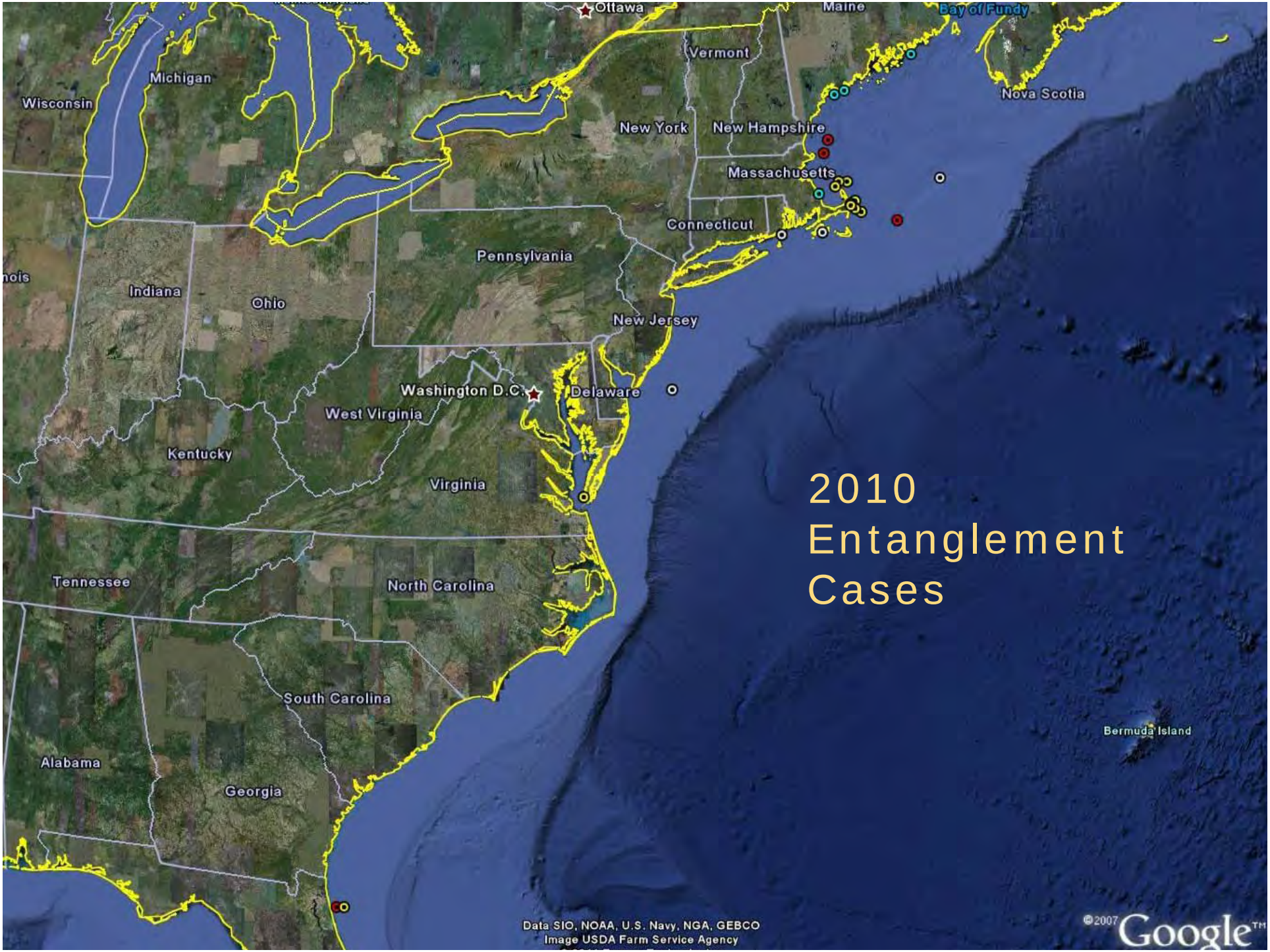
2010
Entanglement
Cases
Ottawa
Maine
Bay of Fundy
Vermont
Nova Scotia
Michigan
Wisconsin
New York
New Hampshire
Massachusetts
Connecticut
Pennsylvania
Indiana
Ohio
New Jersey
Washington D.C.
Delaware
West Virginia
Kentucky
Virginia
Tennessee
North Carolina
South Carolina
Alabama
Georgia
Bermuda Island
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image USDA Farm Service Agency
©2007 Google™

2011
Entanglement
Cases
Ottawa
Maine
Bay of Fundy
Nova Scotia
Lake Huron
Georgian Bay
Michigan
Wisconsin
Lake Michigan
Vermont
Adirondack Mountains
Lake Ontario
New York
New Hampshire
Massachusetts
Lake Erie
Connecticut
Rhode Island
Illinois
Indiana
Ohio
Pennsylvania
Appalachian Mountains
New Jersey
Maryland
Delaware
Washington
West Virginia
Kentucky
Virginia
Blue Ridge Mountains
Tennessee
North Carolina
South Carolina
Alabama
Georgia
Bermuda
342 mi
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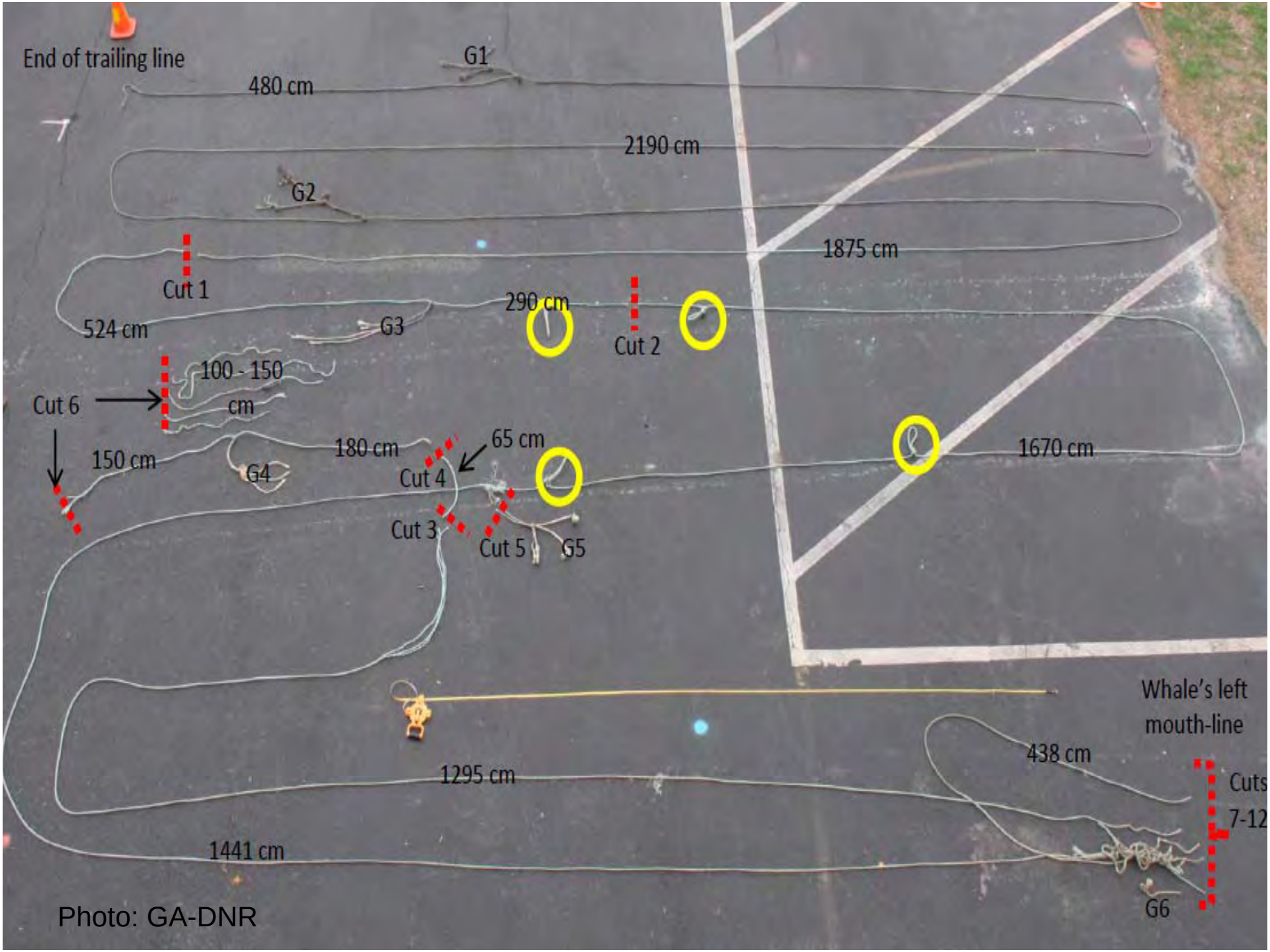
Google earth

Right Whale #3120
Oct 2010
Photo: WCNE

Right Whale #3911
Dec 2010 – March 2011
Photo: FL-FWC


End of trailing line
G1
480 cm
2190 cm
G2
1875 cm
Cut 1
290 cm
524 cm
G3
Cut 2
100 - 150
cm
Cut 6
150 cm
180 cm
65 cm
G4
Cut 4
1670 cm
Cut 3
Cut 5
G5
Whale's left
mouth-line
438 cm
1295 cm
Cuts
7-12
1441 cm
G6
Photo: GA-DNR

CAUSE OF DEATH FROM FIELD DETERMINATION:
Proximate: weight loss and cachexia from chronic entanglement.
Ultimate: shark predation secondary to weakened state from chronic entanglement.

Photo: FL-FWC

Right Whale #3010
Jan 2011
Photo: FL-FWC

Right Whale #3712
Jan 2011
Photo: FL-FWC

Unk Right Whale
Feb 2011
Photo: SCGA

Right Whale #3760
Feb 2011
Photo: EcoHealth Alliance

Photo: GA-DNR

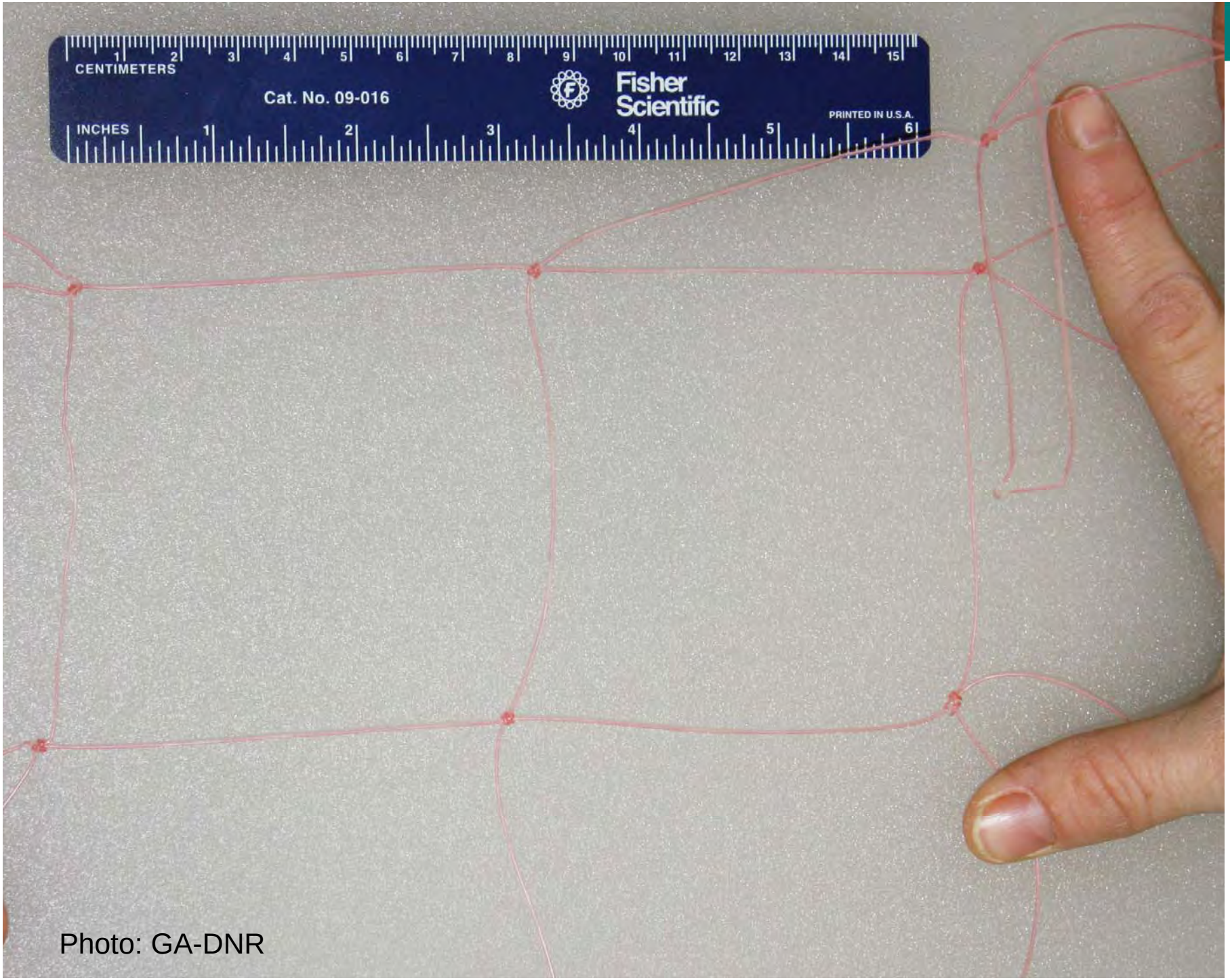
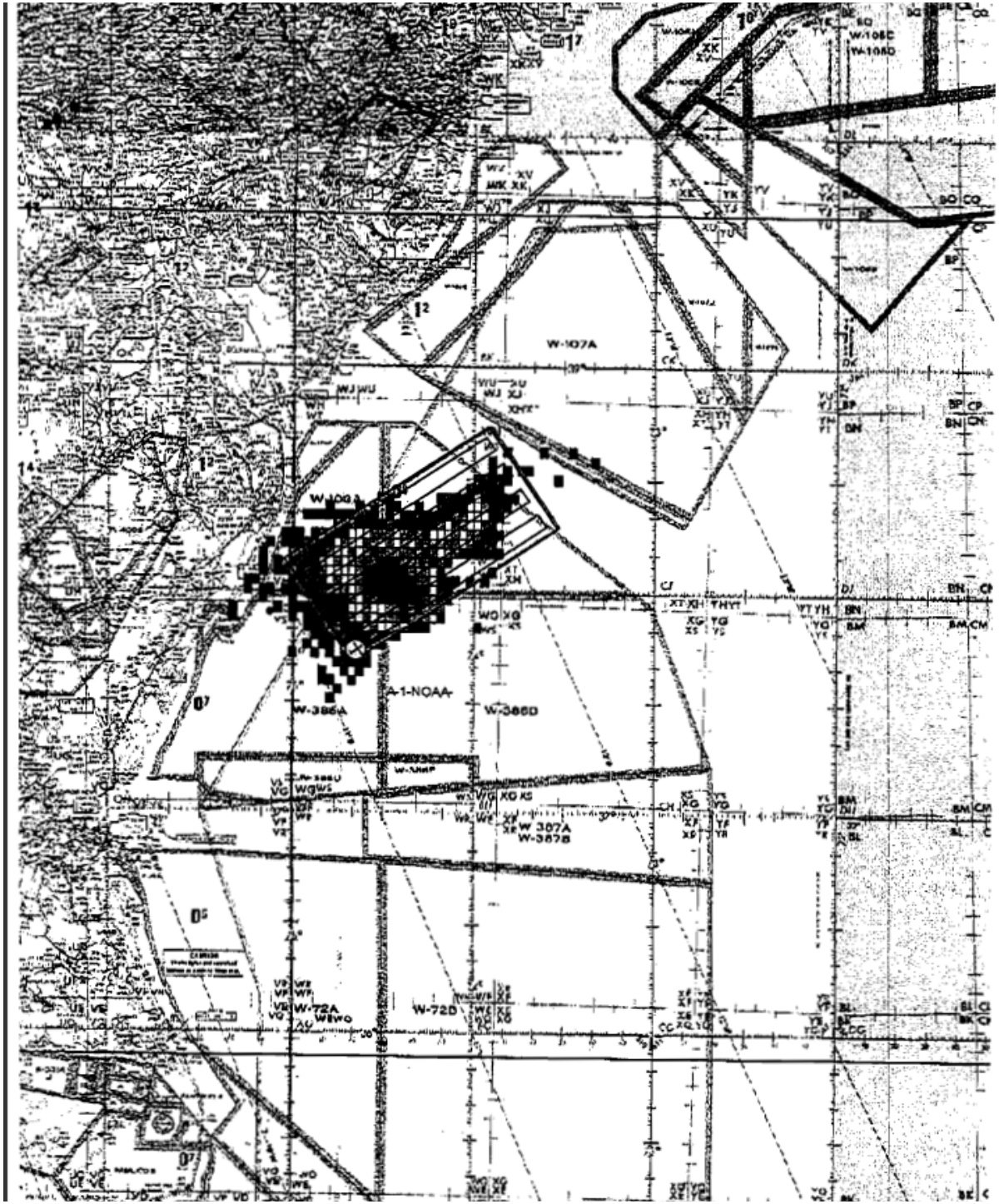

CENTIMETERS
Cat. No. 09-016
Fisher Scientific
PRINTED IN U.S.A.
INCHES

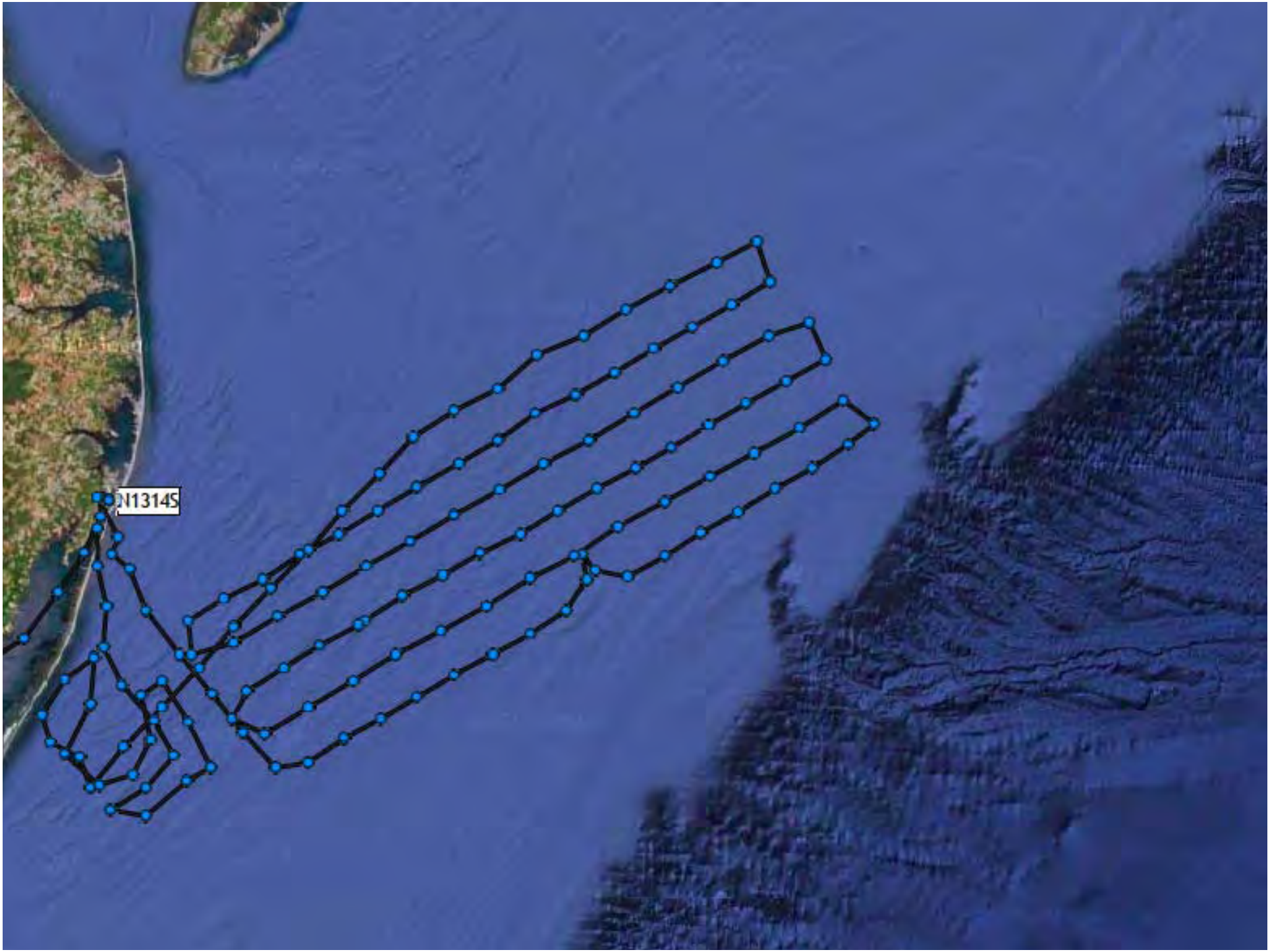
Photo: GA-DNR

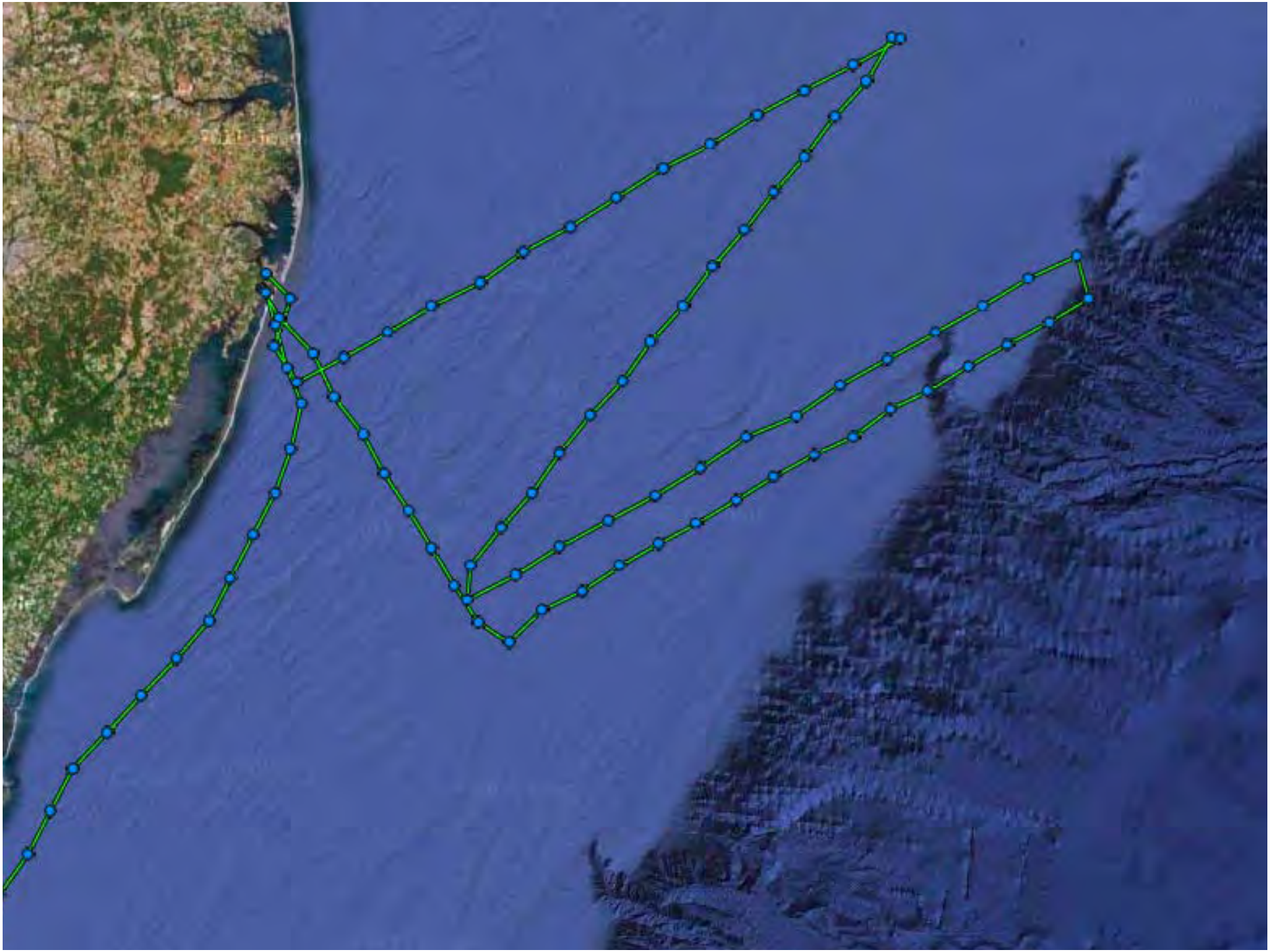
Unk Right Whale
Feb 2011
Photo: Moran Towing

Unk Right Whale
March 2011
Photo: NOAA

Right Whale #1303
March 2011
Photo: Captain Monty Hawkins


W-107A
W-386A
A-1-NOAA
W-386D
W-72A
W-72D


N1314S

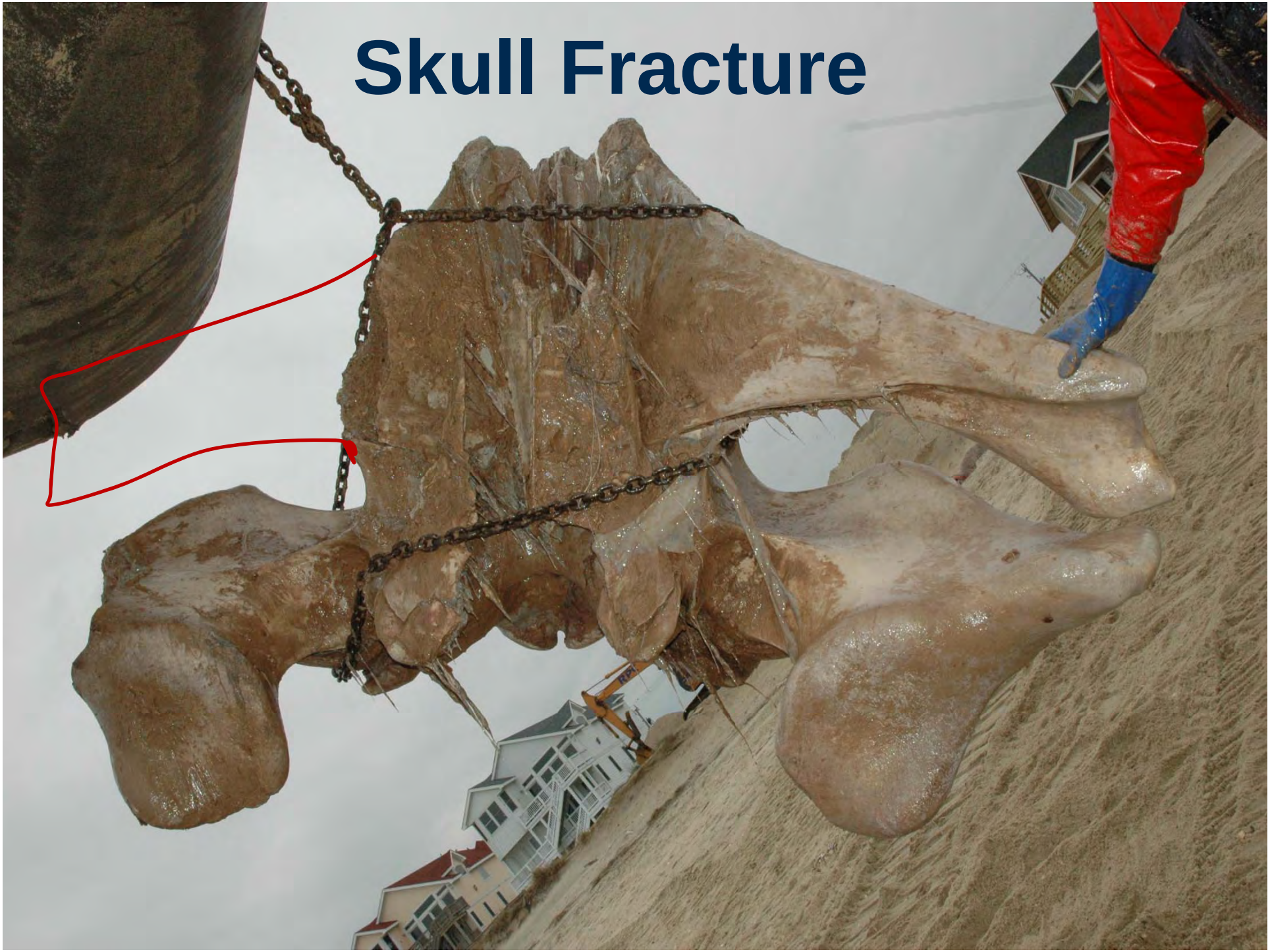


Right Whale #3893
Mar 2011
Photo: PCCS

Right Whale #1308
March 2011

Photos: UNCW

Skull Fracture



Right Whale #3302
March 2011
Photos: NEAq

Right Whale SO44
April 2011
Photo: PCCS

Photo: PCCS

Right Whale #3123
April 2011
Photo: PCCS

Calf of Right Whale #3360
Sep 2011

Photos: Blue Ocean Society

Photos: CWRT/NEAq

Right Whale #3821
Jan 2012
Photos: PCCS

Thank you!

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