### Large Whale Team

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>Peter Corkeron</td>
<td>Team Leader</td>
<td>(FTE)</td>
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<tr>
<td>Christin Khan</td>
<td>Aerial</td>
<td>(FTE)</td>
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<tr>
<td>Leah Crowe</td>
<td>Aerial</td>
<td>(Contractor)</td>
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<tr>
<td>Fred Wenzel</td>
<td>Vessel</td>
<td>(FTE)</td>
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<tr>
<td>Timothy Cole</td>
<td>Aerial Lead</td>
<td>(FTE)</td>
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<tr>
<td>Peter Duley</td>
<td>Aerial</td>
<td>(FTE)</td>
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<tr>
<td>Corey Accardo</td>
<td>Aerial</td>
<td>(Contractor)</td>
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<tr>
<td>Richard Pace</td>
<td>Modeler / Statistician</td>
<td>(FTE)</td>
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<tr>
<td>Allison Henry</td>
<td>Aerial</td>
<td>(FTE)</td>
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<td>Jennifer Gatzke</td>
<td>Aerial</td>
<td>(Contractor)</td>
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<tr>
<td>Lisa Conger</td>
<td>Vessel</td>
<td>(FTE)</td>
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<td>Passive Acoustics Group</td>
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Right Whale Background

- History: whaling
- Stock structure: western North Atlantic
- Abundance: ~ 450 individuals
- ESA: Endangered
- IUCN Red List: Endangered
- Critical Habitat
- Foraging
- Calving
- Migration
- NEFSC and SEFSC
Current Threats

- Entanglement
  - observed + unobserved
  - mortality + morbidity
  - ~80% entangled
- Vessel Strike
- Noise (seismic!)
- Climate Disruption
- Urbanization
Program Emphasis

Collaboration
Support
Innovation
Data availability
Publication
Data availability

- QA/QC check; Quick turnaround
- Data: NEFSC Google map website
- Data: NARWC Database at URI
- Data: OBIS-SEAMAP
- Photos: NEAQ catalog
- Biopsy: Trent University
- Biopsy: U Oregon, U Groningen, SEFSC
- Passive Acoustics
North Atlantic Right Whale
Sighting Survey
and
Sighting Advisory System

Interactive map of right whale sightings collected by the Sighting Advisory System between 2002 and present, including all positions north of latitude 36°36'N (does not include the southeast calving grounds). Click on a symbol for more information on each sighting. Use the + and - to zoom in and out. Also, see more sightings made by the aerial survey team, mapped on OBIS.
Collaborators

- Right Whale Consortium (NARWC)
- Research organizations:
  - New England Aquarium
  - Woods Hole Oceanographic
  - Scripps Institute of Oceanography
  - Center for Coastal Studies
- Government agencies:
  - US Coast Guard
  - BOEM
  - US Navy
  - Other NOAA Science Centers
  - NOAA AOC
  - State agencies (Georgia DNR, Florida FWC)
- Universities:
  - Duke University
  - Syracuse University
  - Biostatistics Research Program, Cornell Lab of Ornithology
  - UMass Boston
  - UMass Dartmouth
- International partners:
  - DFO Canada
  - Otago University (New Zealand)
  - Alfred Wegener Institute for Polar and Marine Research (Germany)
Presentations

- Aerial Survey / Serious Injury & Mortality: Tim Cole
- Fieldwork – large & small vessels: Lisa Conger
- Acoustics: Sofie Van Parijs & Melissa Soldevilla
- Analysis & Stock Assessment: Richard Pace
- Strengths + Challenges: Peter Corkeron
- SEFSC work: Lance Garrison