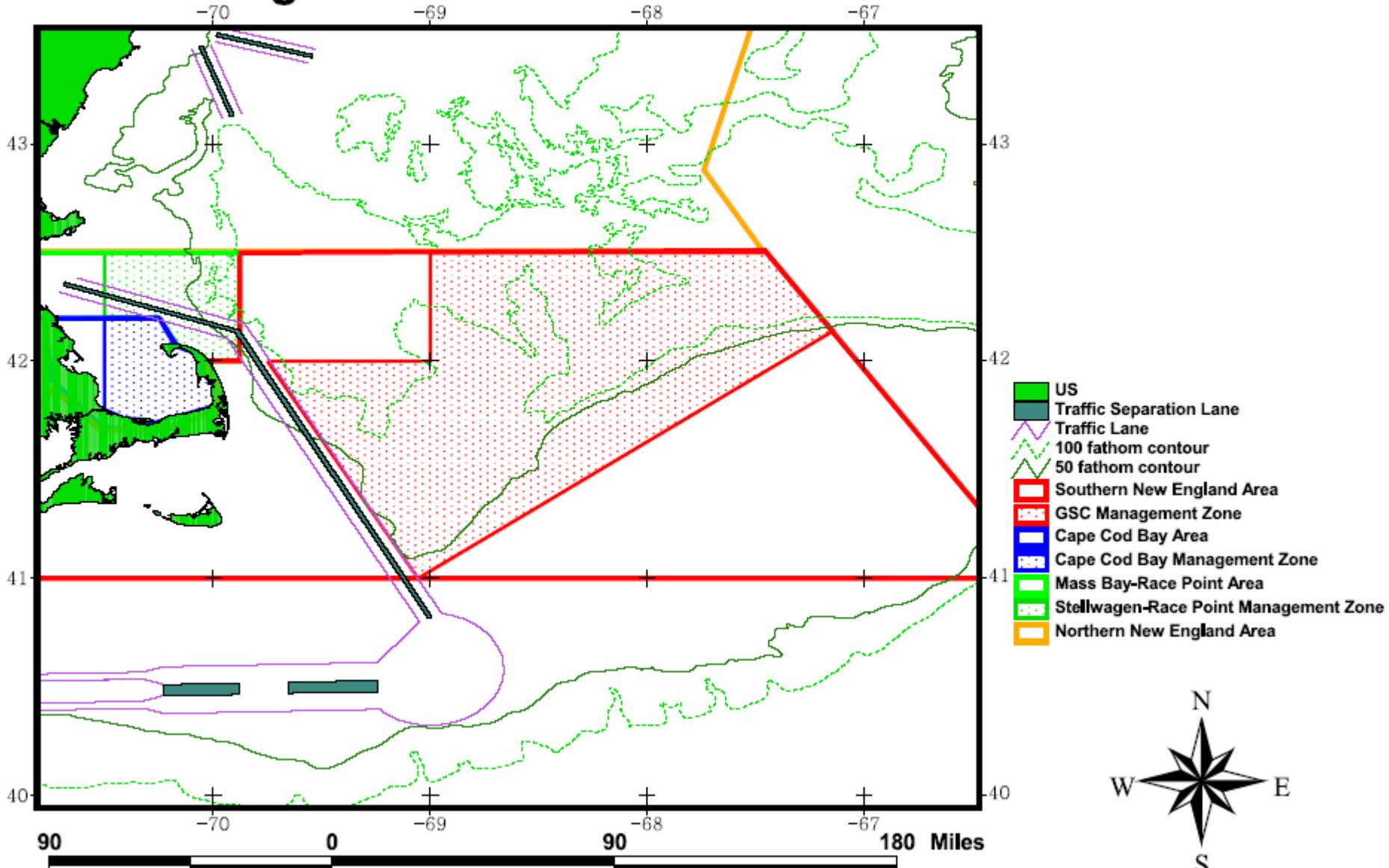


Right Whale Ship Strike Strategy – Northeast Region

Patricia Gerrior
Northeast Region



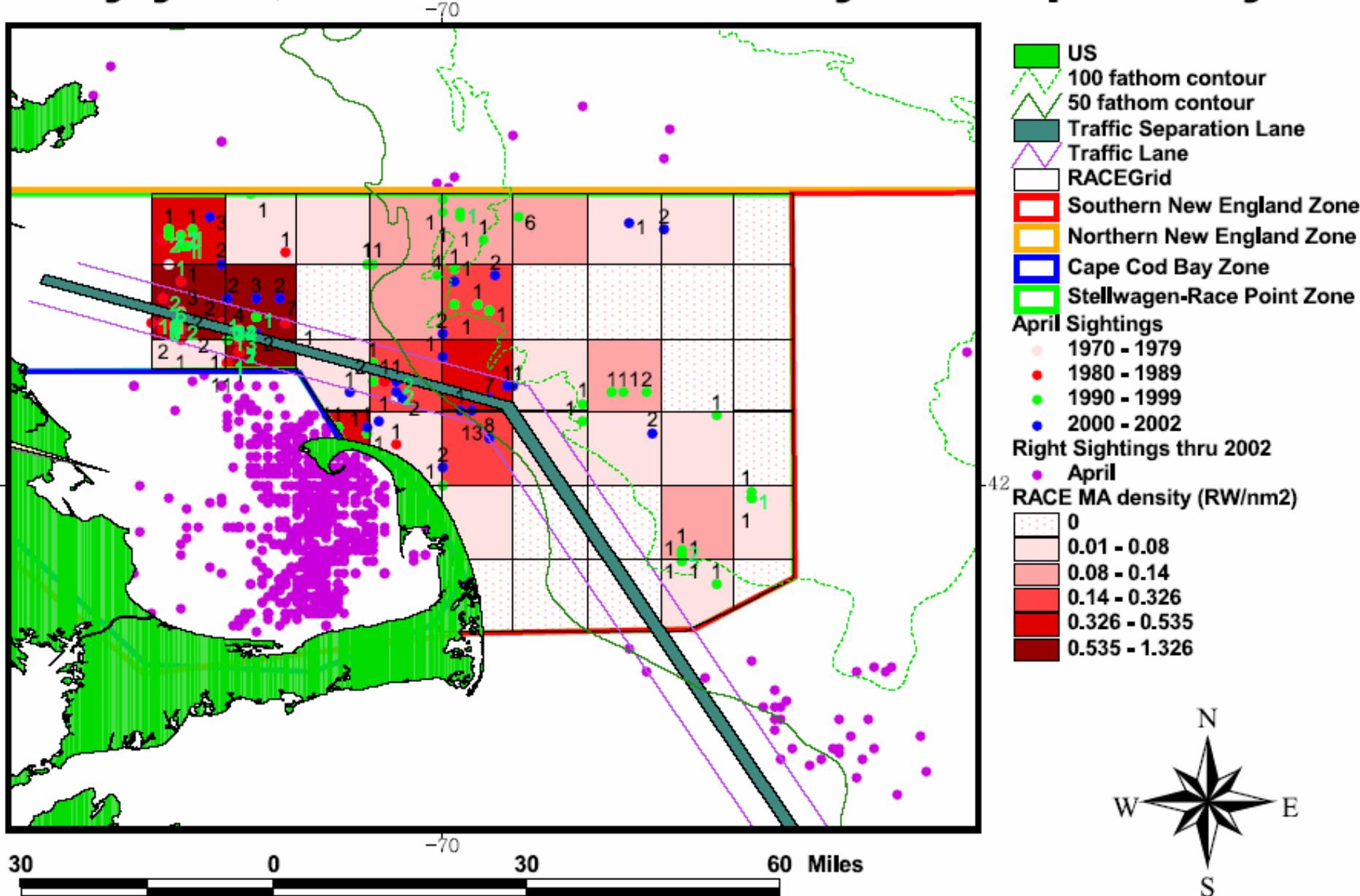
North Atlantic Right Whale Ship Strike Management Areas and Zones



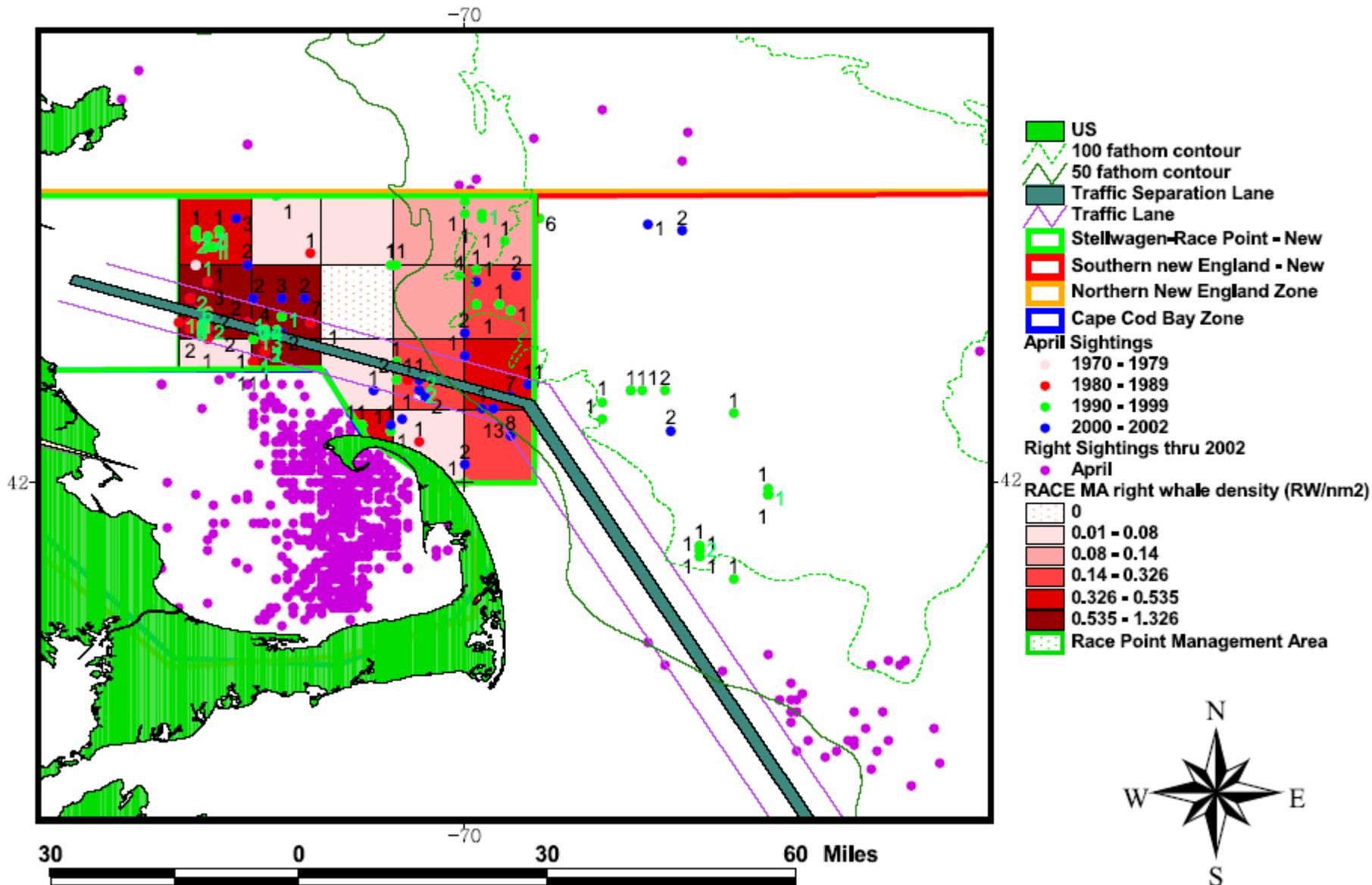
Off Race Point

- **Seasonal Management Area (SMA)**
- **1 April –15 May**
- **Speed Reduction Area or Route Around**
- **Dynamic management applicable (yr round) outside SMA**

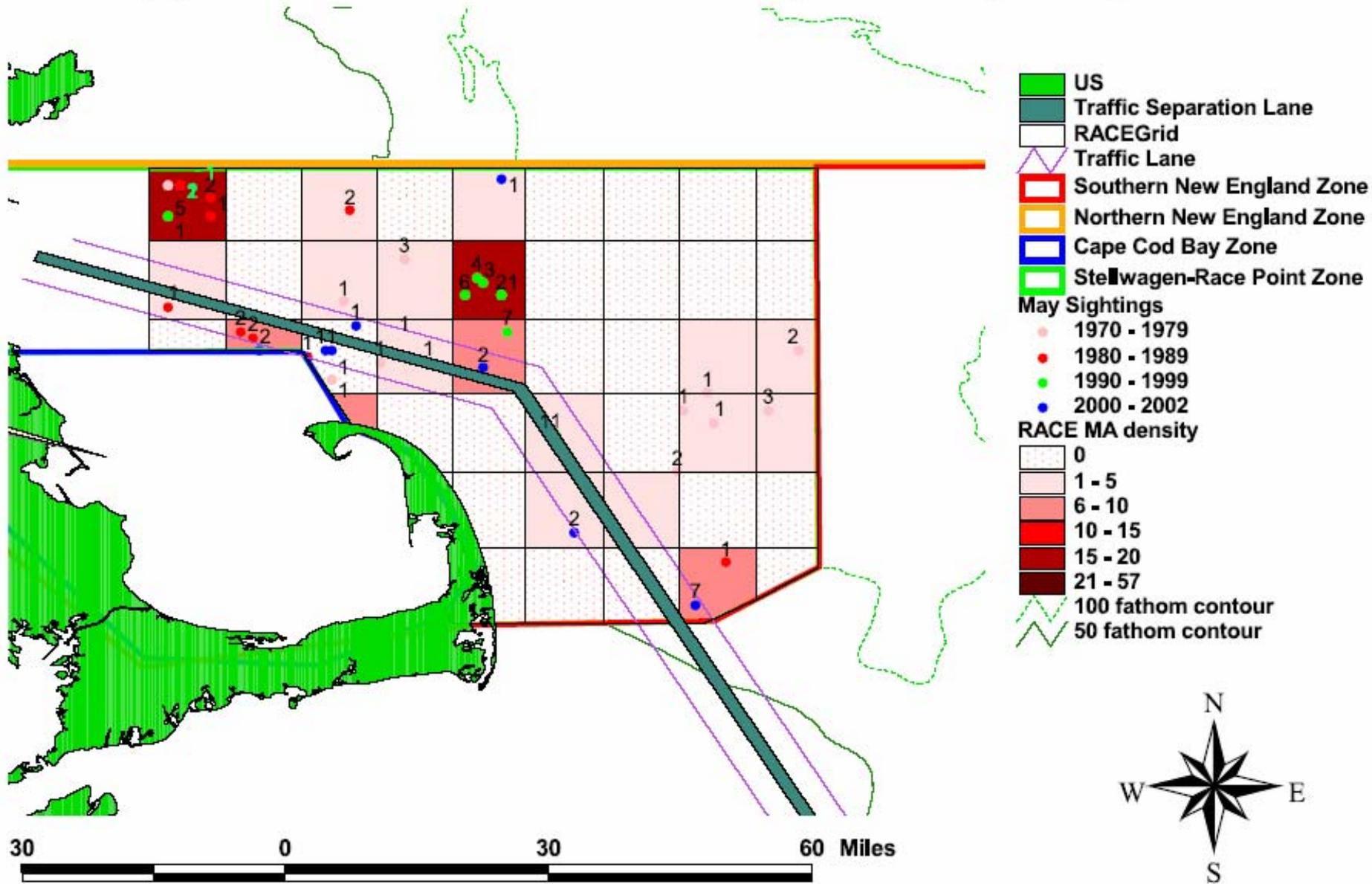
Race Point-Stellwagen Bank MA RW sightings - by year, and overall "density" for April only



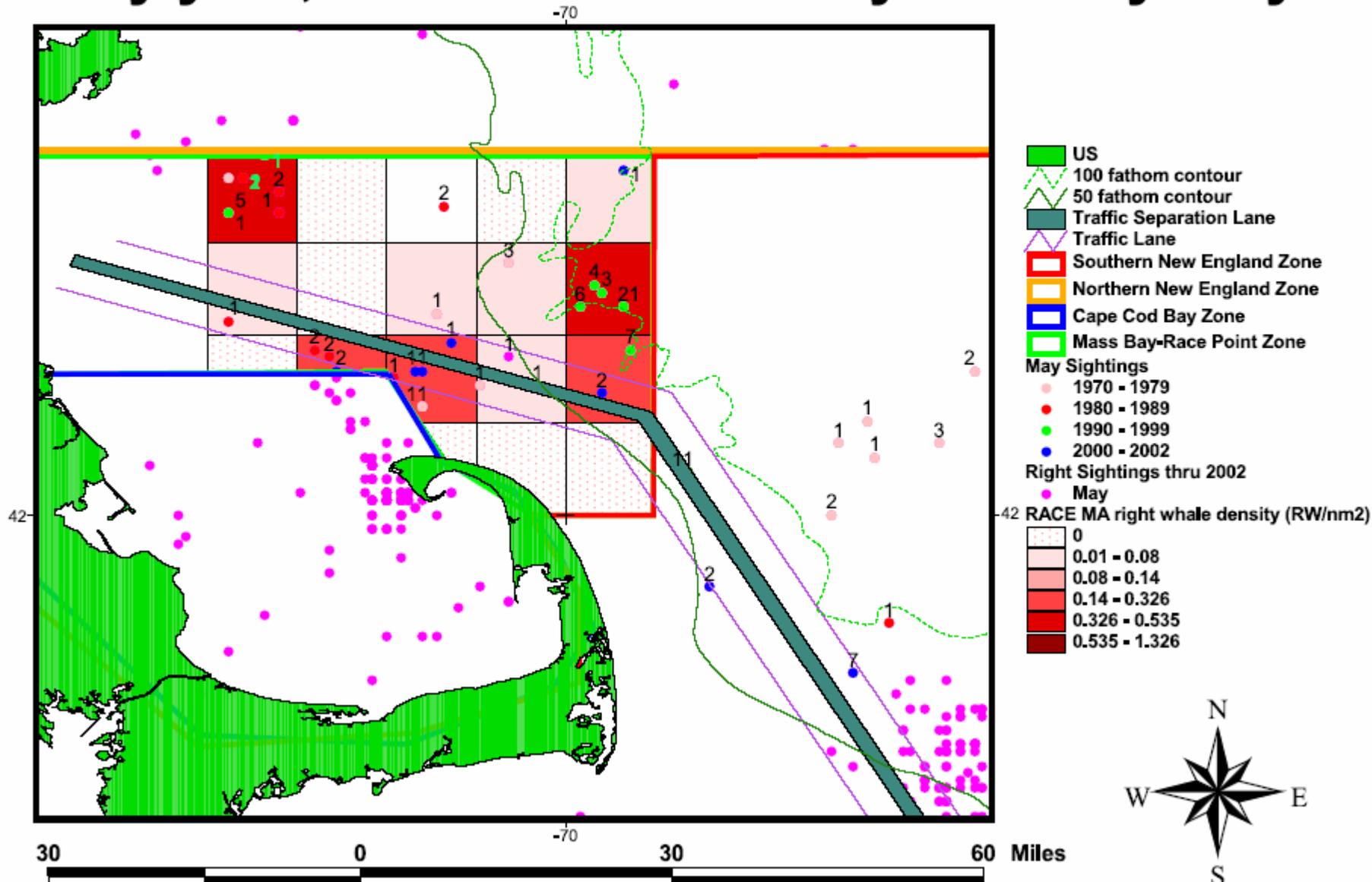
Race Point-Stellwagen Bank MA (new) RW sightings - by year, and overall "density" for April only



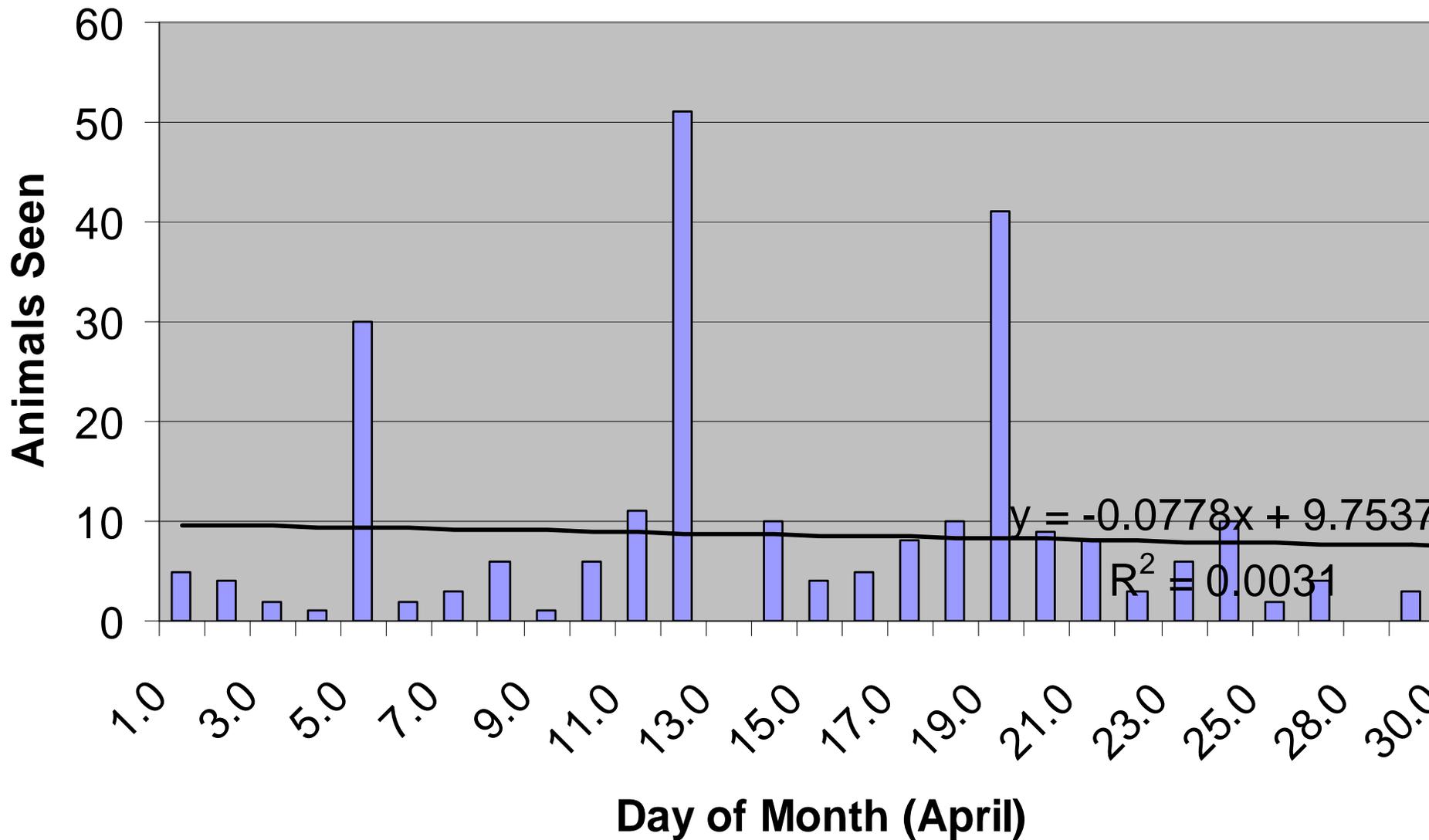
Race Point-Stellwagen Bank MA RW sightings - by year, and overall "density" for May only



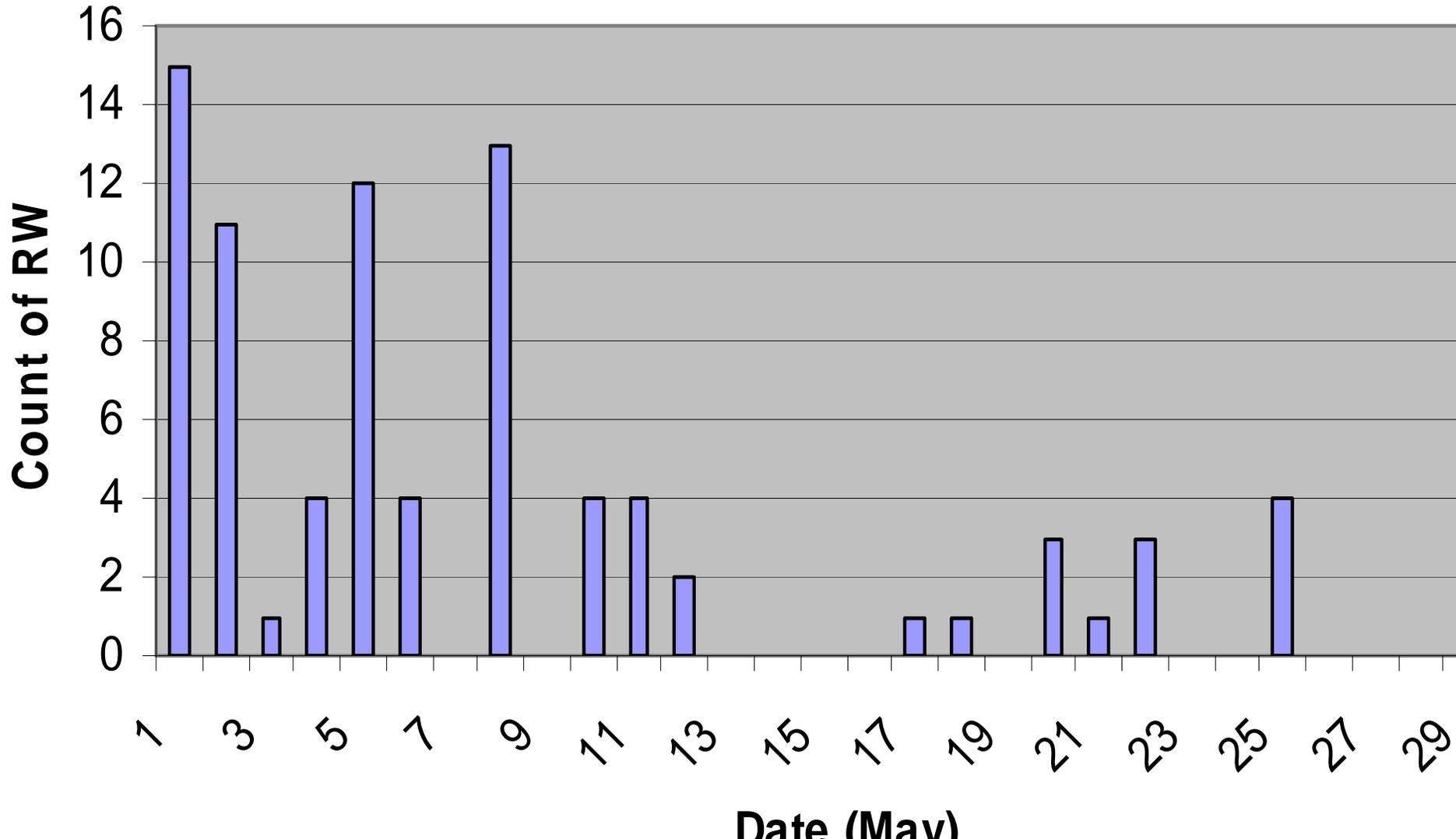
Race Point-Stellwagen MA RW sightings - by year, and overall "density" for May only



Right Whales Sighted in the Race Point MA by day for April, 1970-2002



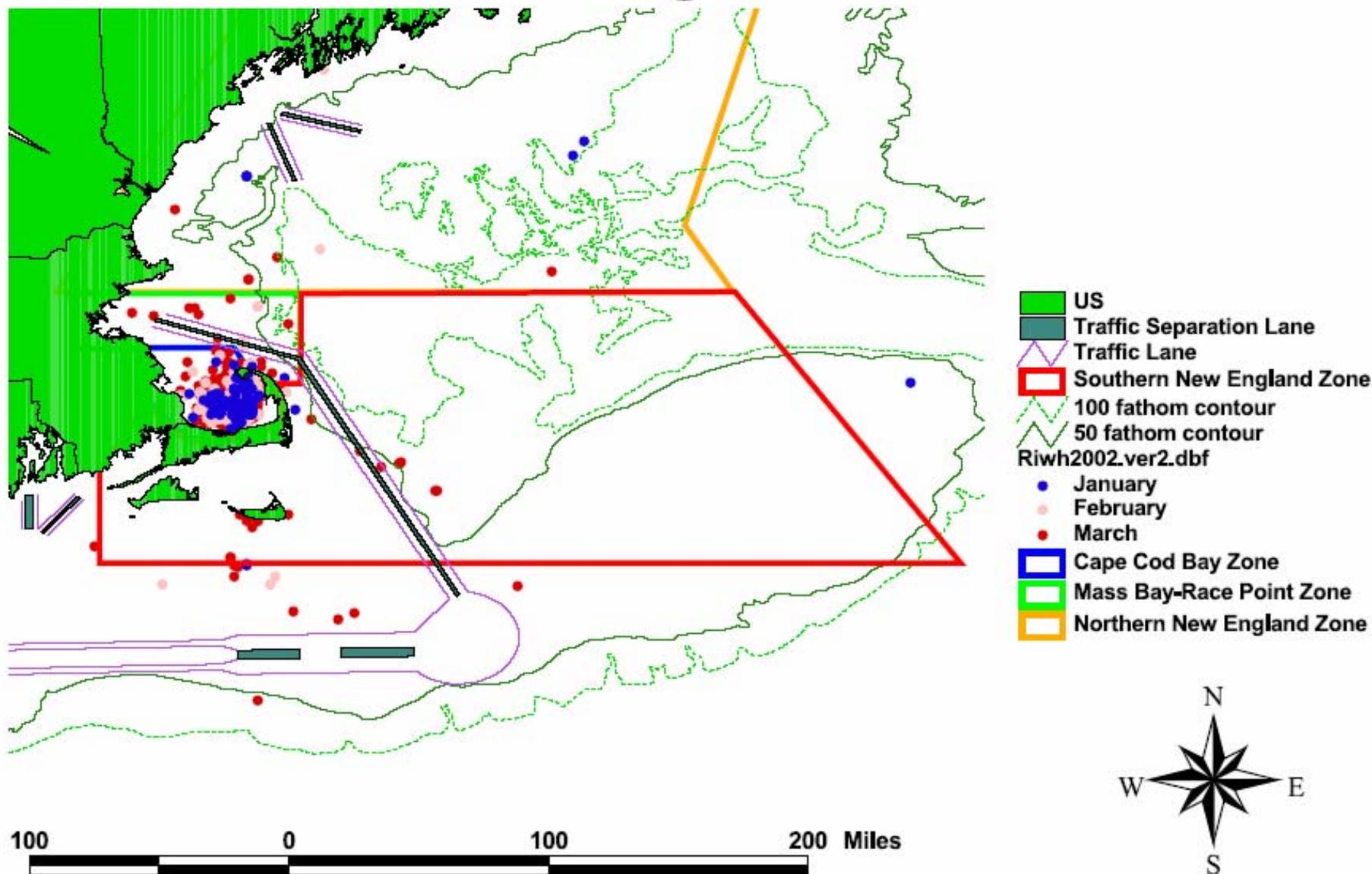
Right Whales in the Race Point MA during May 1970-2002



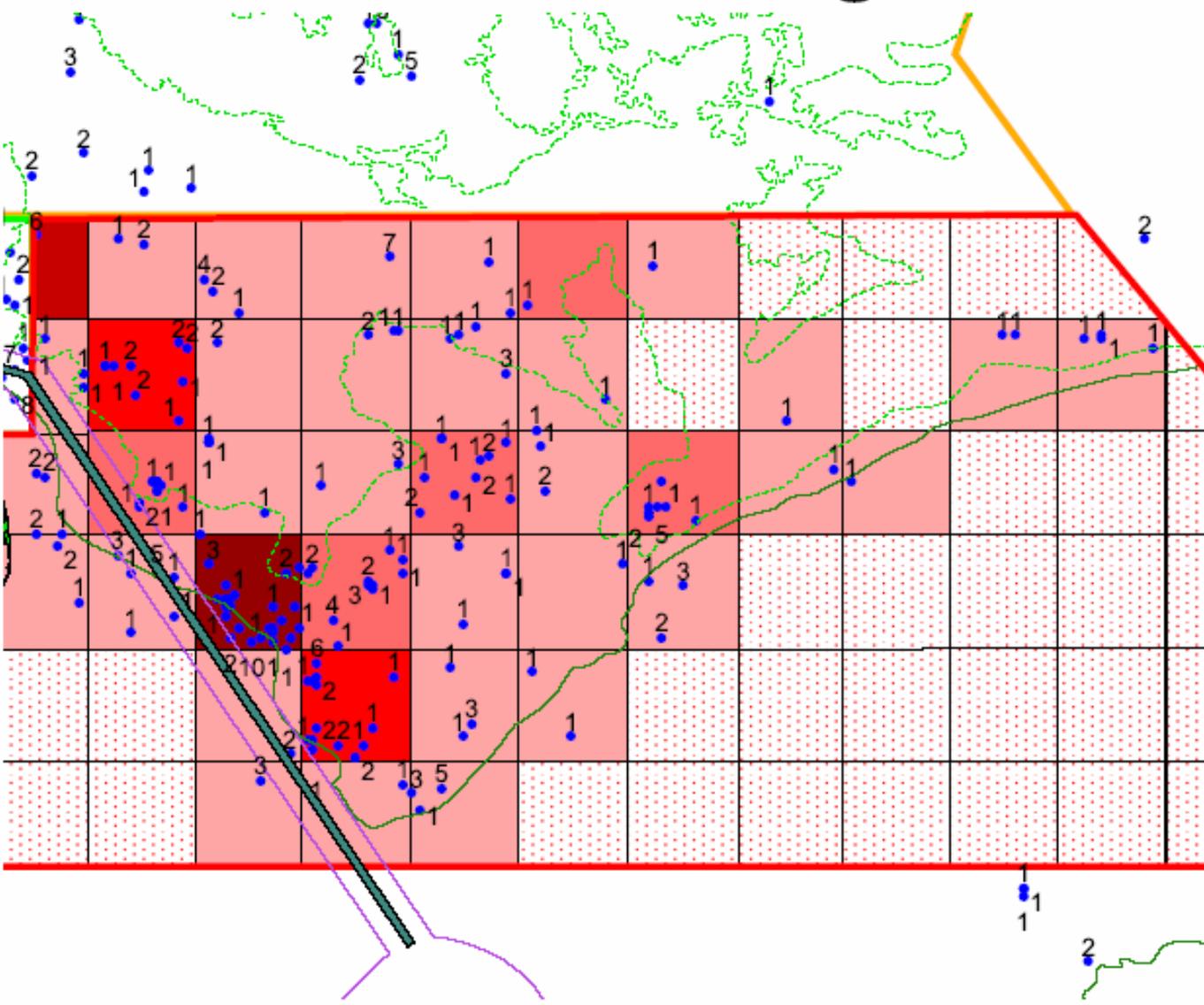
Great South Channel

- **Seasonal Management Area (SMA)**
- **1 April – 31 July**
- **Area To Be Avoided (≥ 300 grt)**
- **≥ 65 ft and < 300 grt Speed Reduction Area**
- **Dynamic management applicable (yr round) outside SMA**

North Atlantic Right Whale Sightings from the 1970's through 2002 - Jan-March



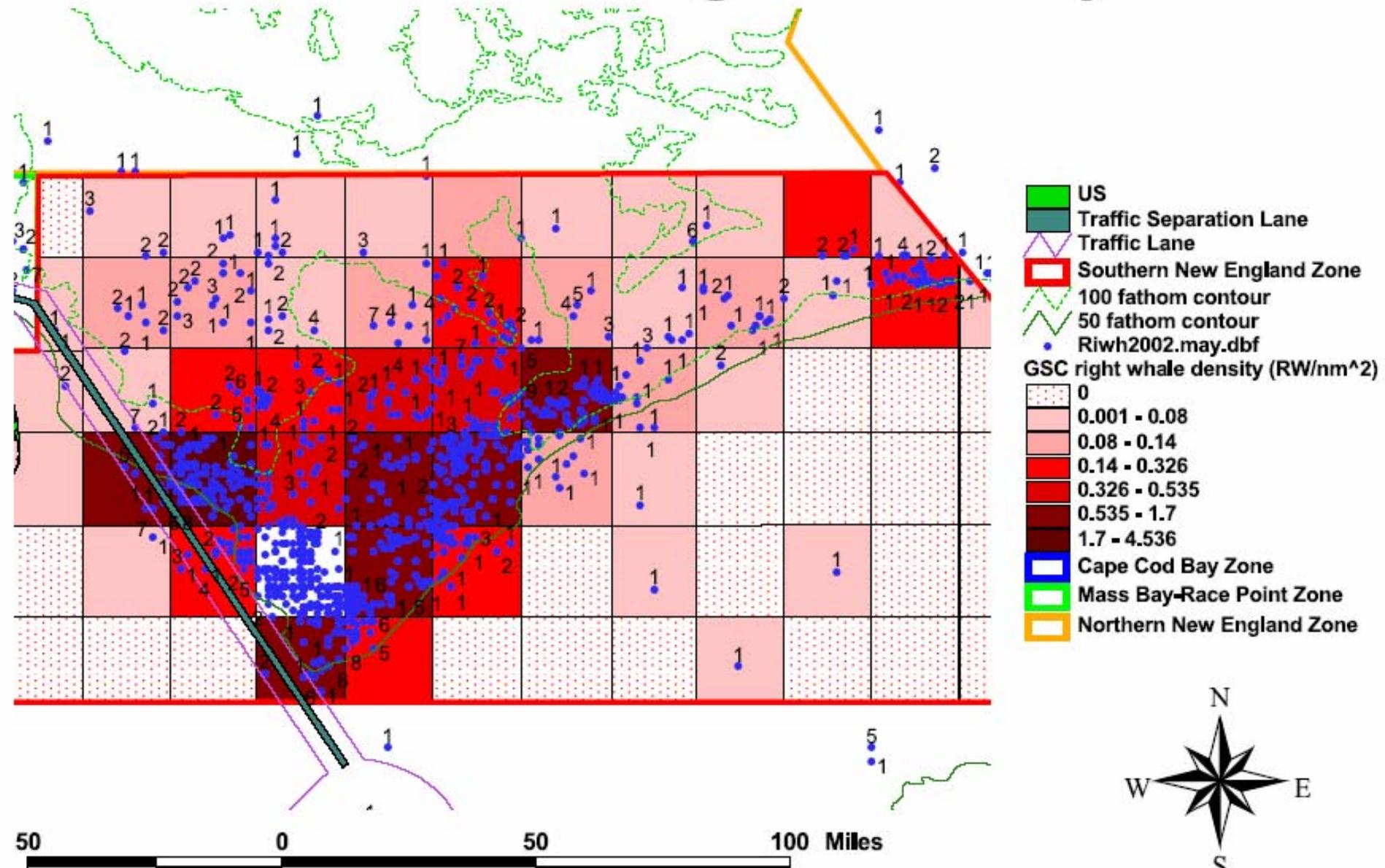
North Atlantic Right Whale Sightings from the 1970's through 2002 - April



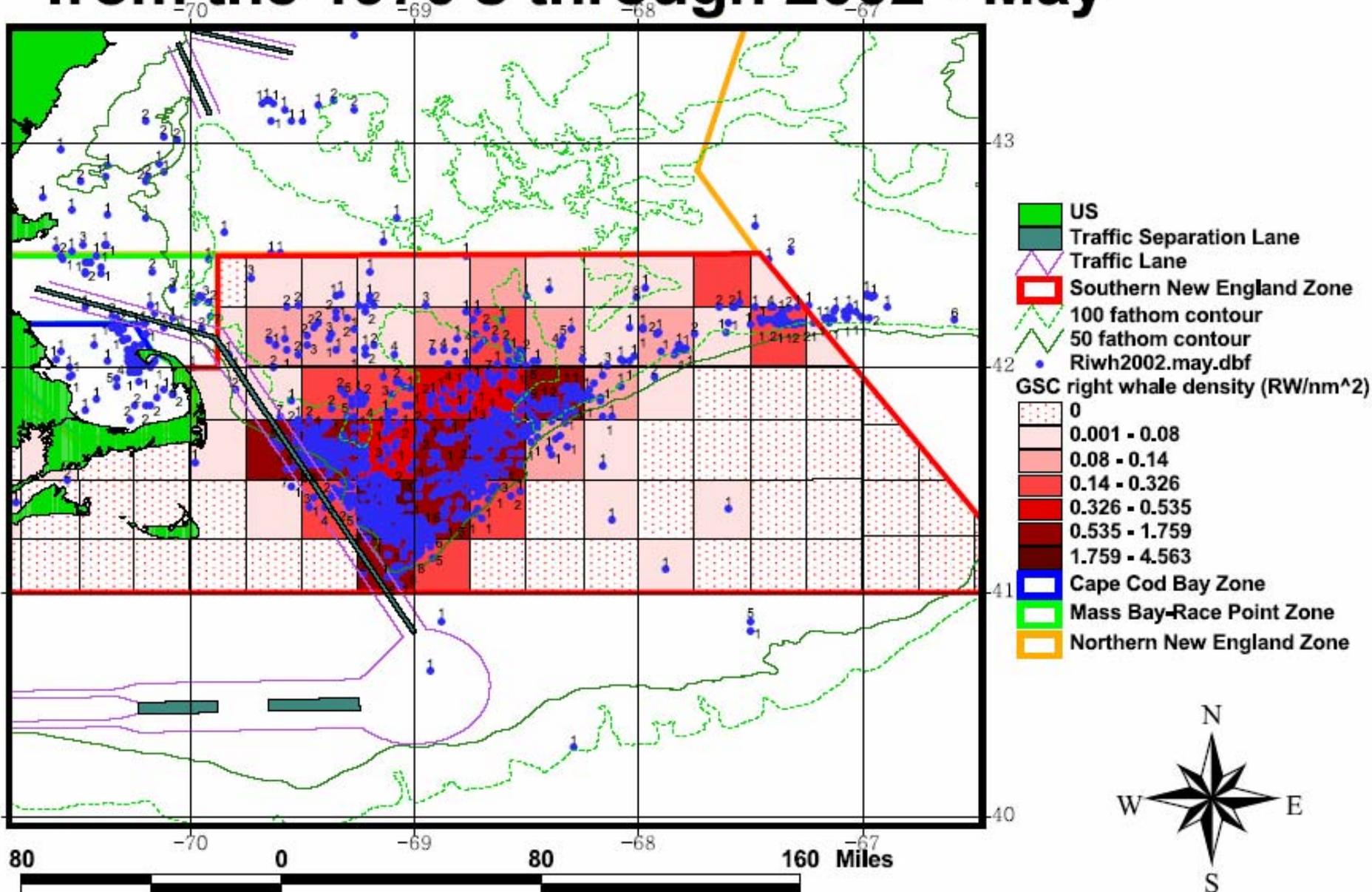
- US
- Traffic Separation Lane
- Traffic Lane
- Southern New England Zone
- 100 fathom contour
- 50 fathom contour
- Riwh2002.april.dbf
- GSC right whale density (RW/nm²)**
- 0
- 0.001 - 0.08
- 0.08 - 0.14
- 0.14 - 0.326
- 0.326 - 0.535
- 0.535 - 1.7
- Cape Cod Bay Zone
- Mass Bay-Race Point Zone
- Northern New England Zone



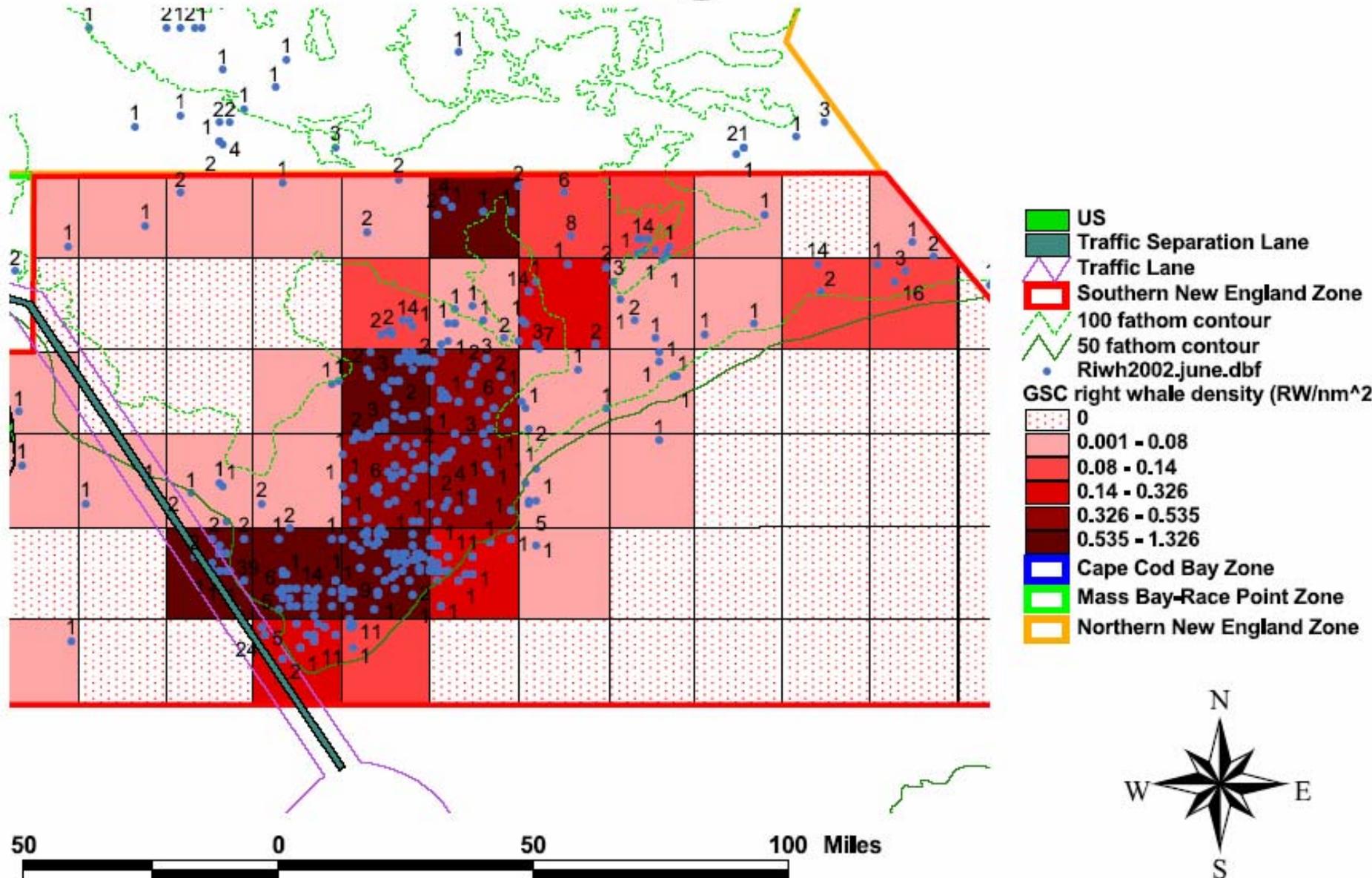
North Atlantic Right Whale Sightings from the 1970's through 2002 - May



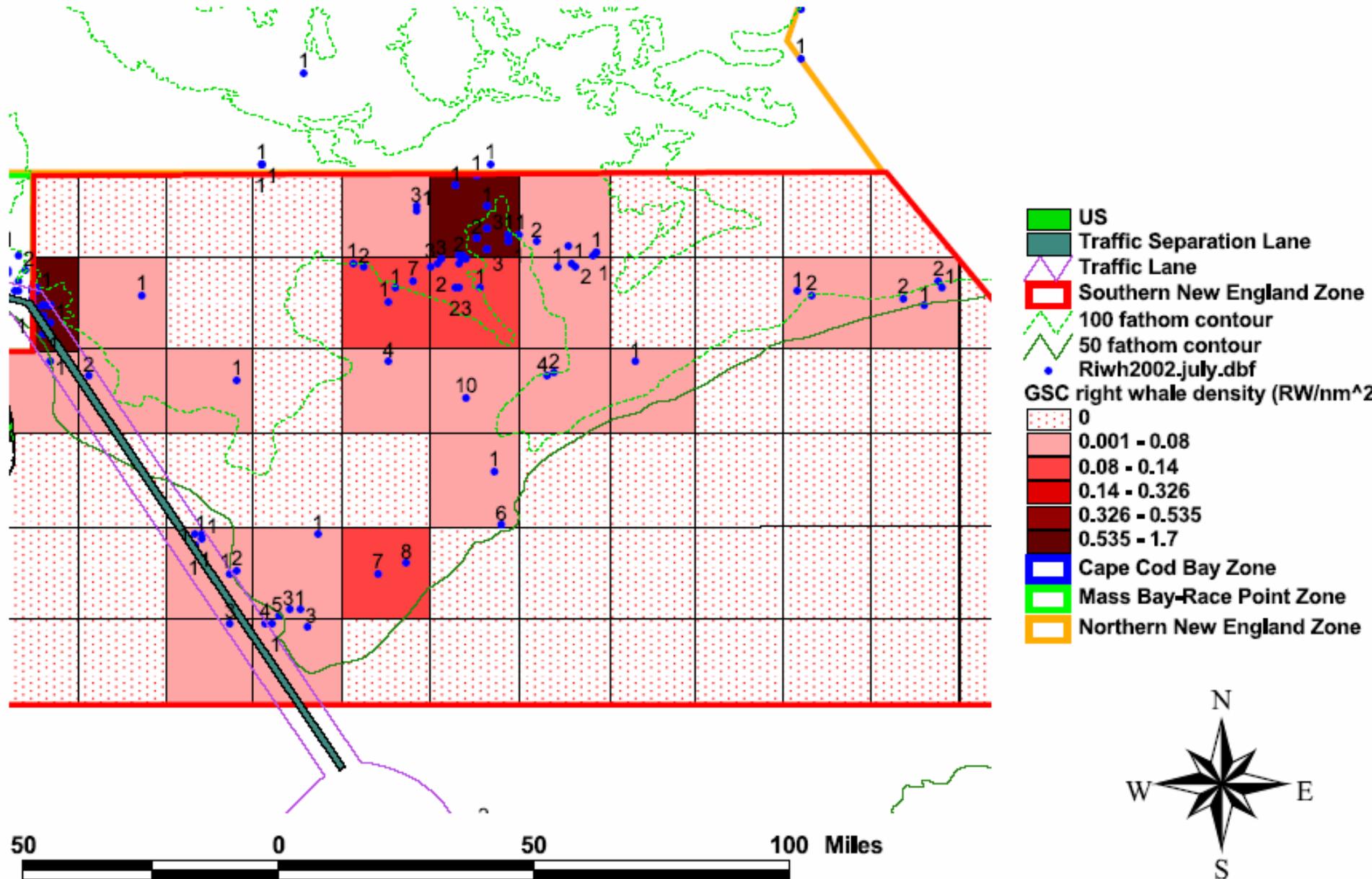
North Atlantic Right Whale Sightings from the 1970's through 2002 - May



North Atlantic Right Whale Sightings from the 1970's through 2002 - June

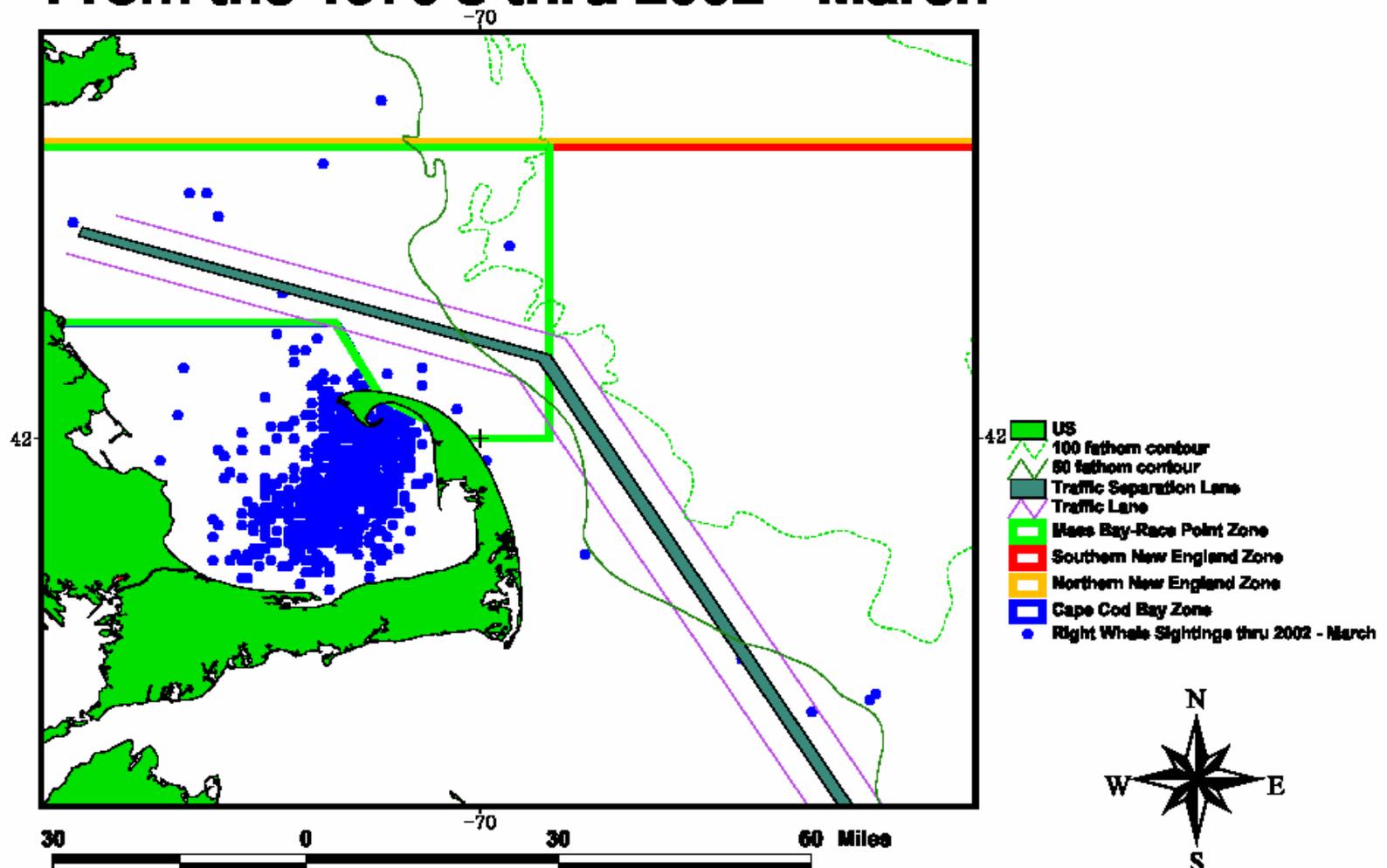


North Atlantic Right Whale Sightings from the 1970's through 2002 - July



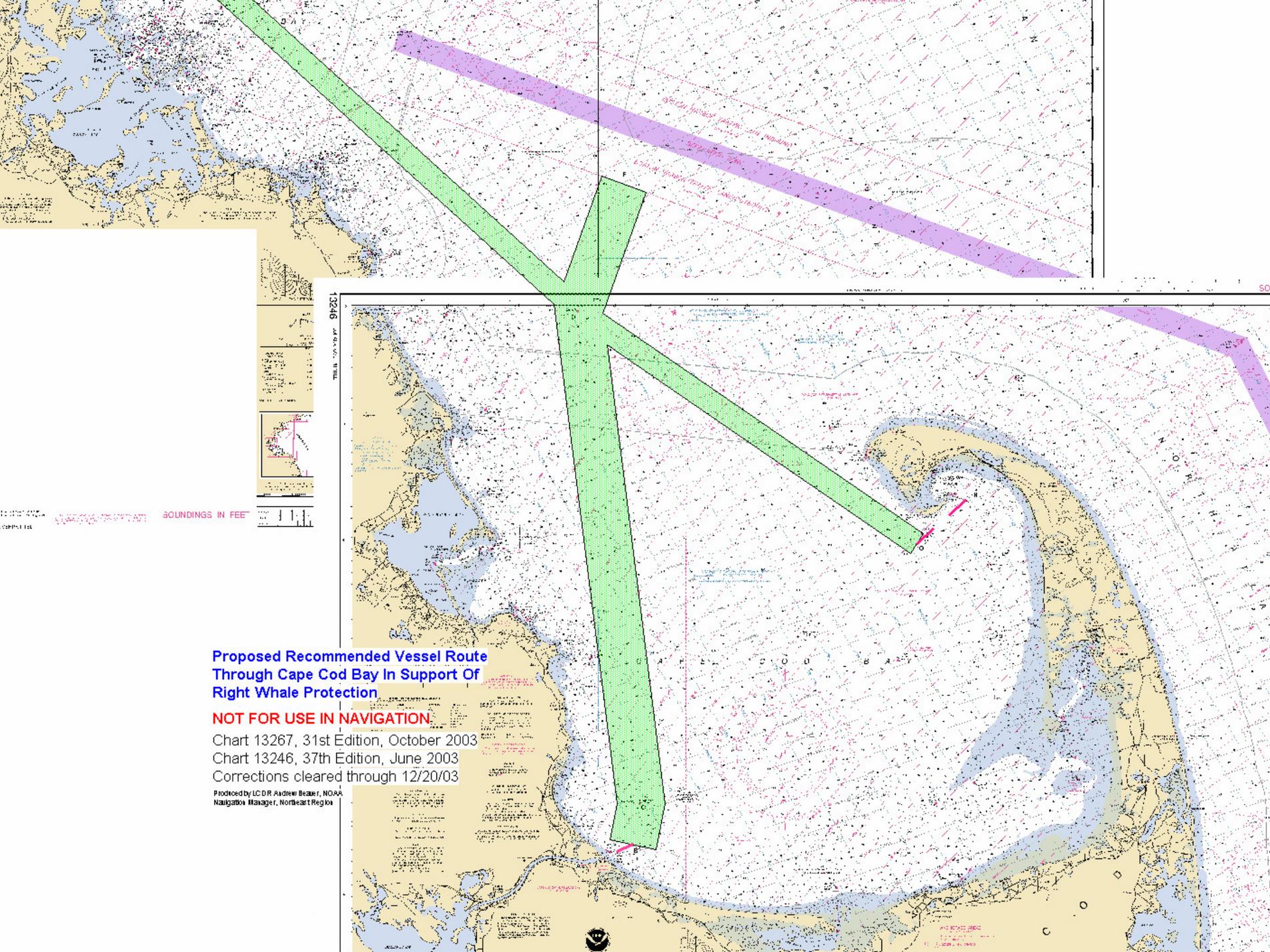
Cape Cod Bay

North Atlantic Right Whale Sightings From the 1970's thru 2002 - March



Cape Cod Bay Measures

- **1 January – 30 April**
- **Seasonal Management Area (SMA)**
- **CCB Right Whale Critical Habitat to western shoreline of Bay**
- **Dynamic management applicable (yr round) outside SMA**
- **Ship route - Boston & ports North**
 - Western side of CCB & outside of critical habitat
 - Sufficient width to route around whales
- **Ship route - Provincetown**
 - Speed restrictions in lanes
 - Lift speed restrictions when “no” whales



**Proposed Recommended Vessel Route
Through Cape Cod Bay In Support Of
Right Whale Protection**

NOT FOR USE IN NAVIGATION

Chart 13267, 31st Edition, October 2003

Chart 13246, 37th Edition, June 2003

Corrections cleared through 12/20/03

Produced by LCDR Andrew Beaser, NOAA
Navigation Manager, Northeast Region

Gulf of Maine

- **Dynamic management areas (yr round)**

Navigational Safety

- **Navigational safety must be considered in the application of all proposed measures**
 - **Seasonal (routing & speed)**
 - **Dynamic (area designation, routing & speed)**