Reducing the risk of lethal ship strikes in national marine sanctuaries

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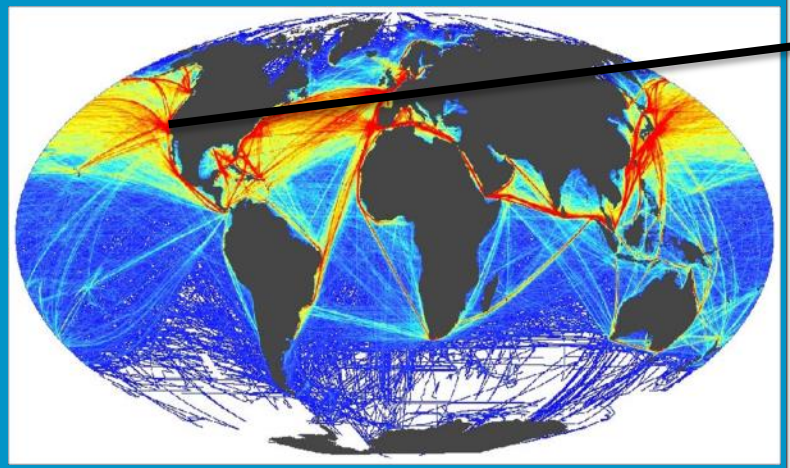
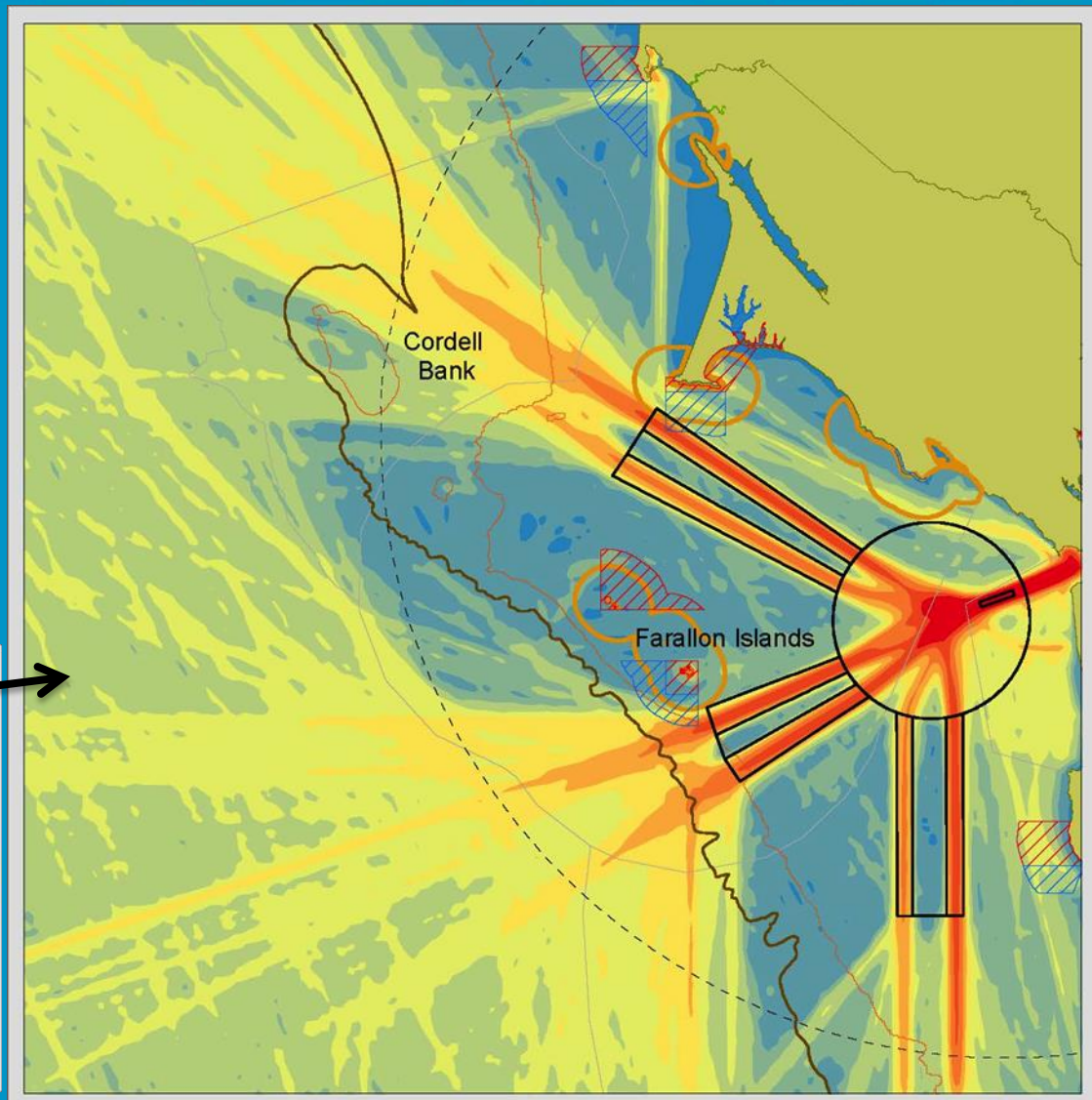
AIS tracks for commercial ships transiting the San Francisco traffic lanes

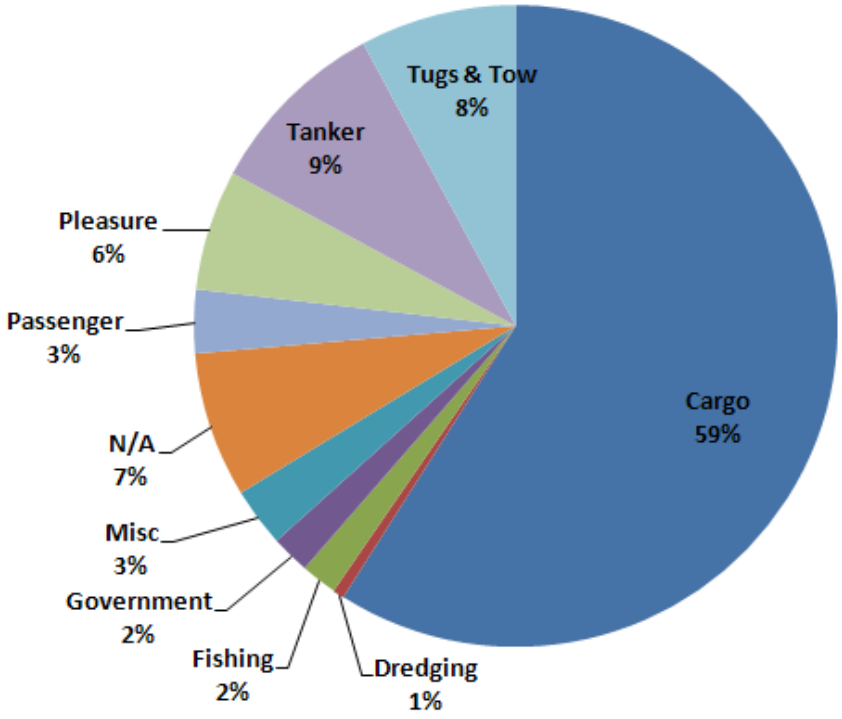
"NOAA and USCG should pursue the modification of shipping lanes to avoid areas of whale concentration, such as extension of the proposed western approach lane beyond the continental shelf edge."



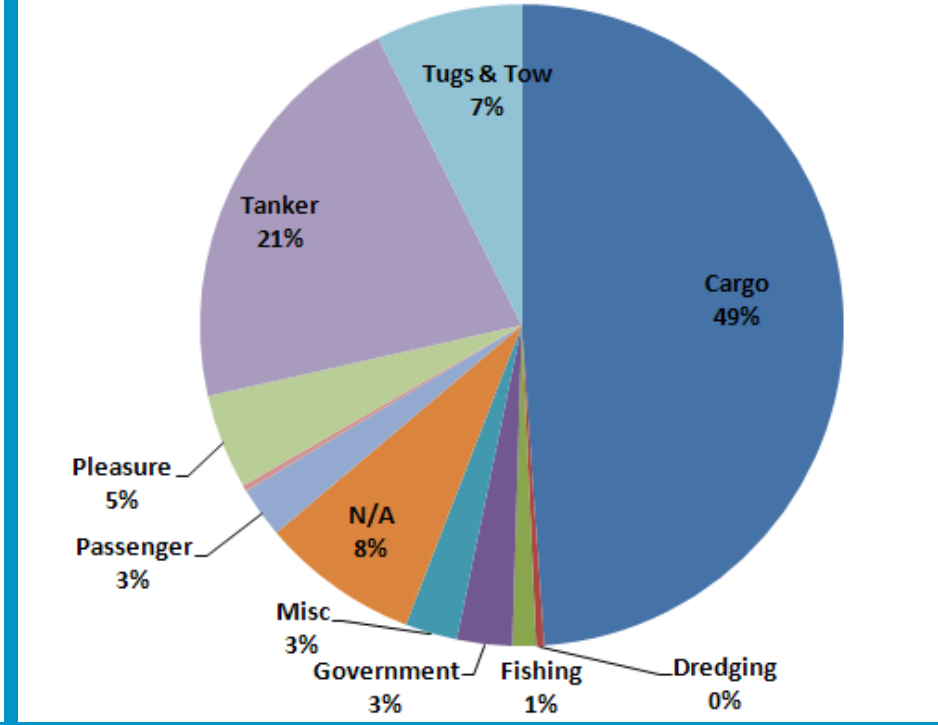


Unique Vessel Type by Sanctuary

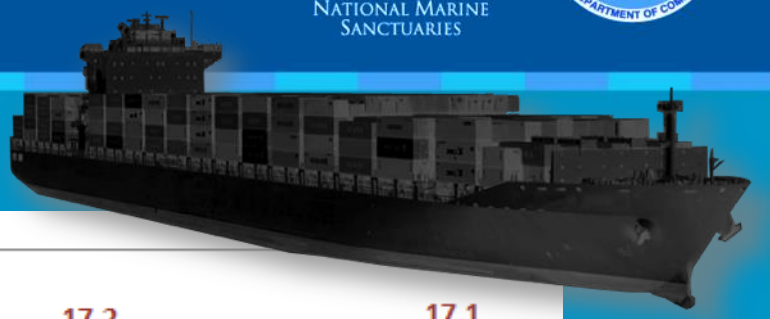
CBNMS
876 Vessels

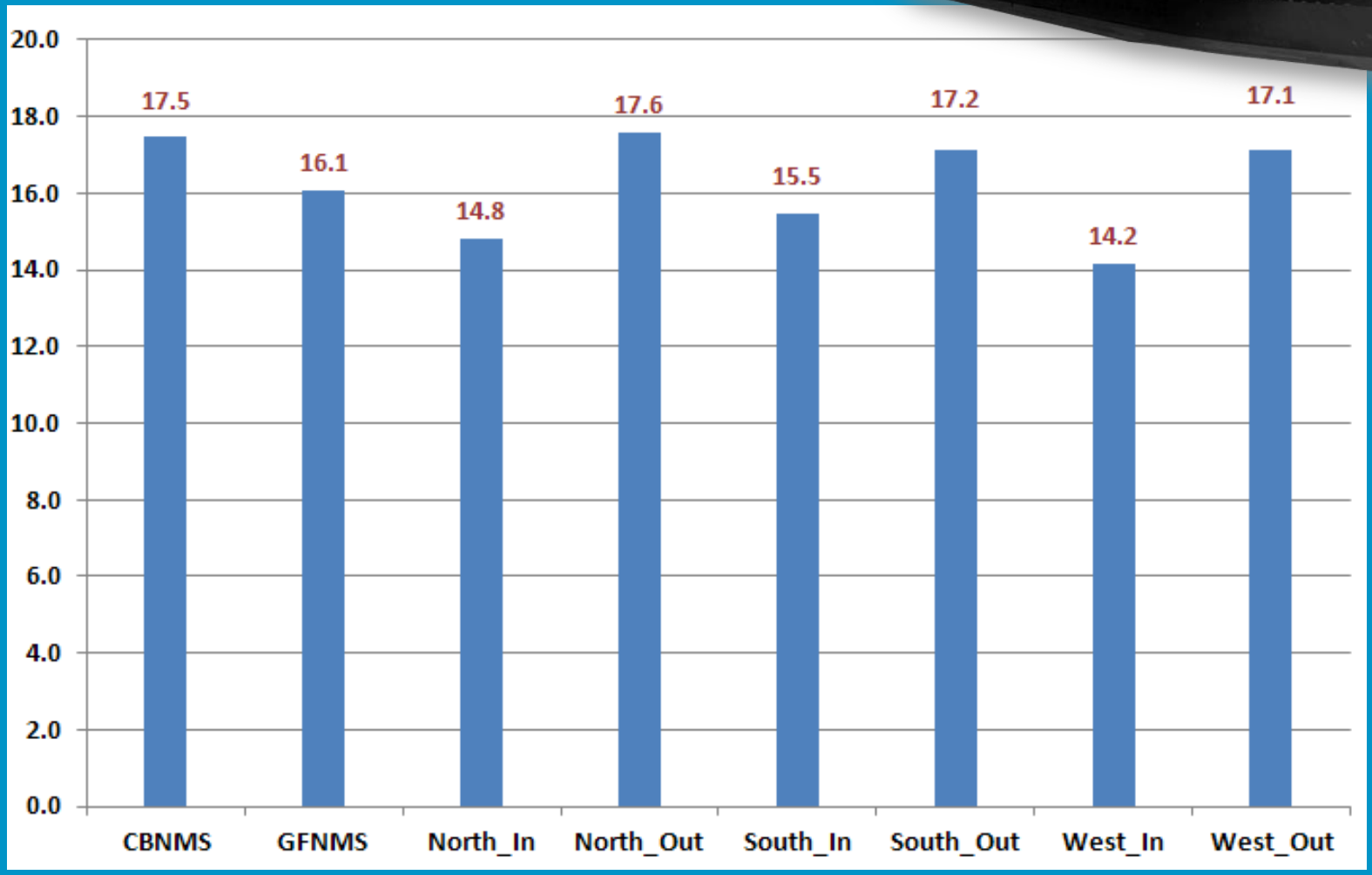


GFNMS
1,258 Vessels



Cargo Vessels Speed in the San Francisco Traffic Lanes





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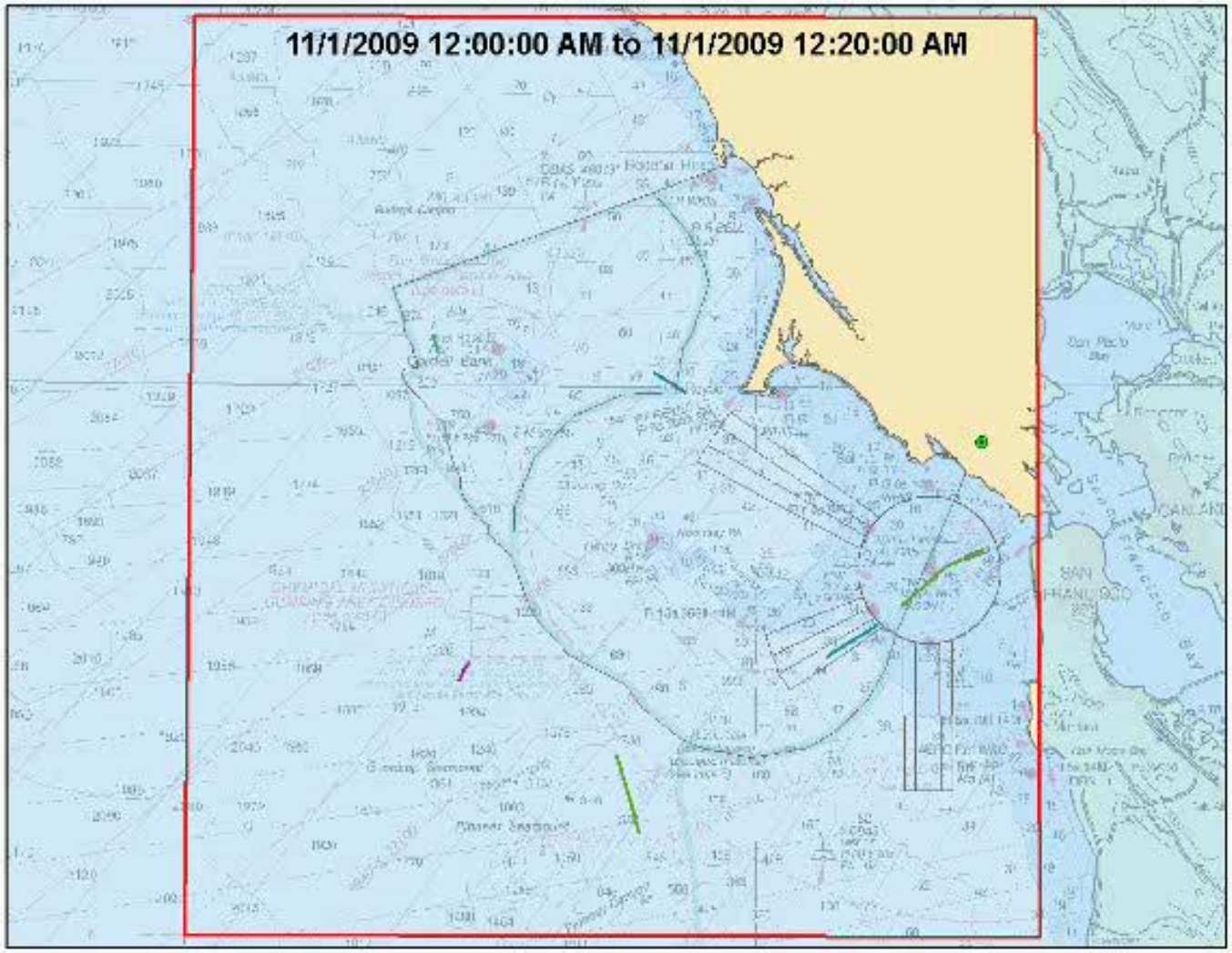
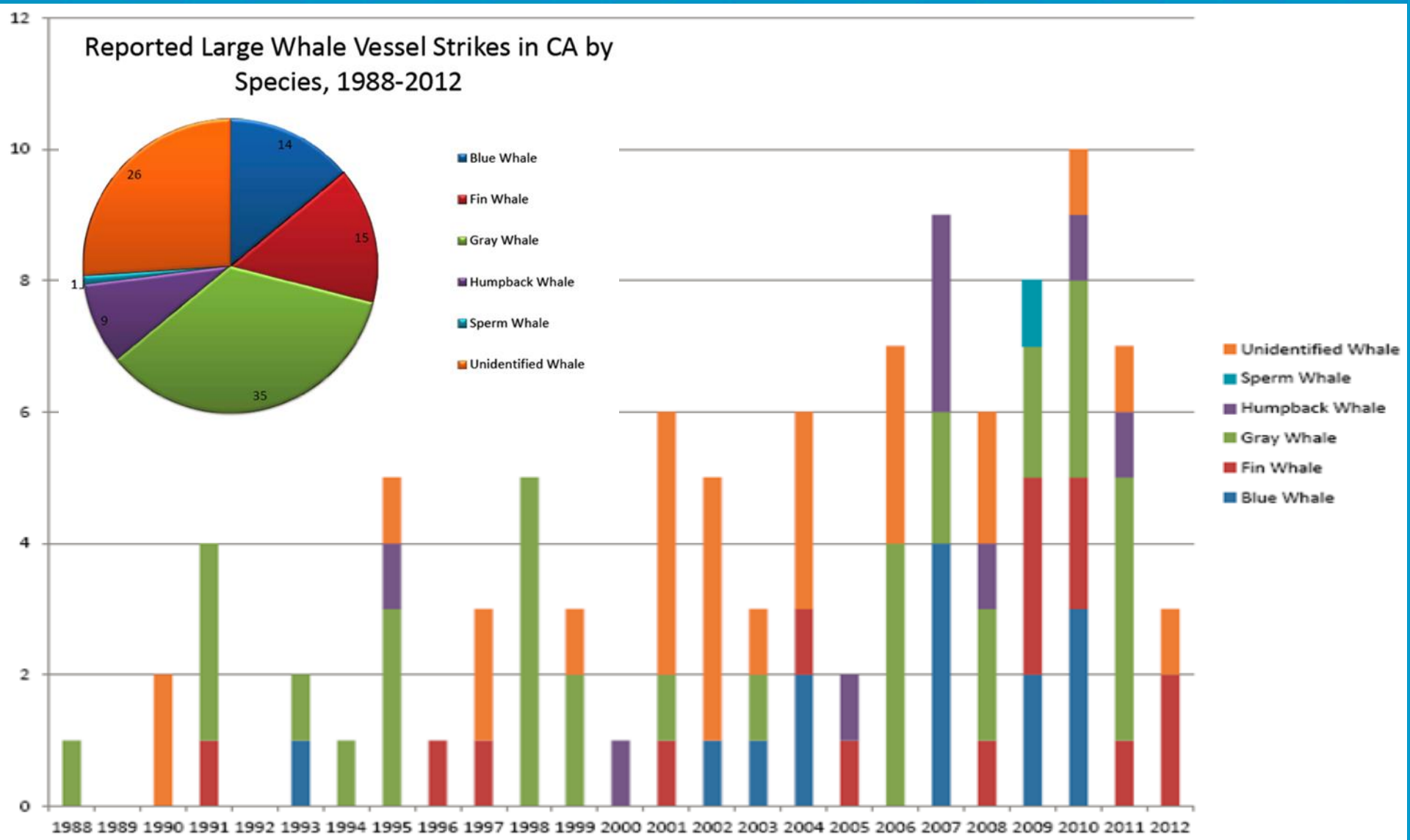
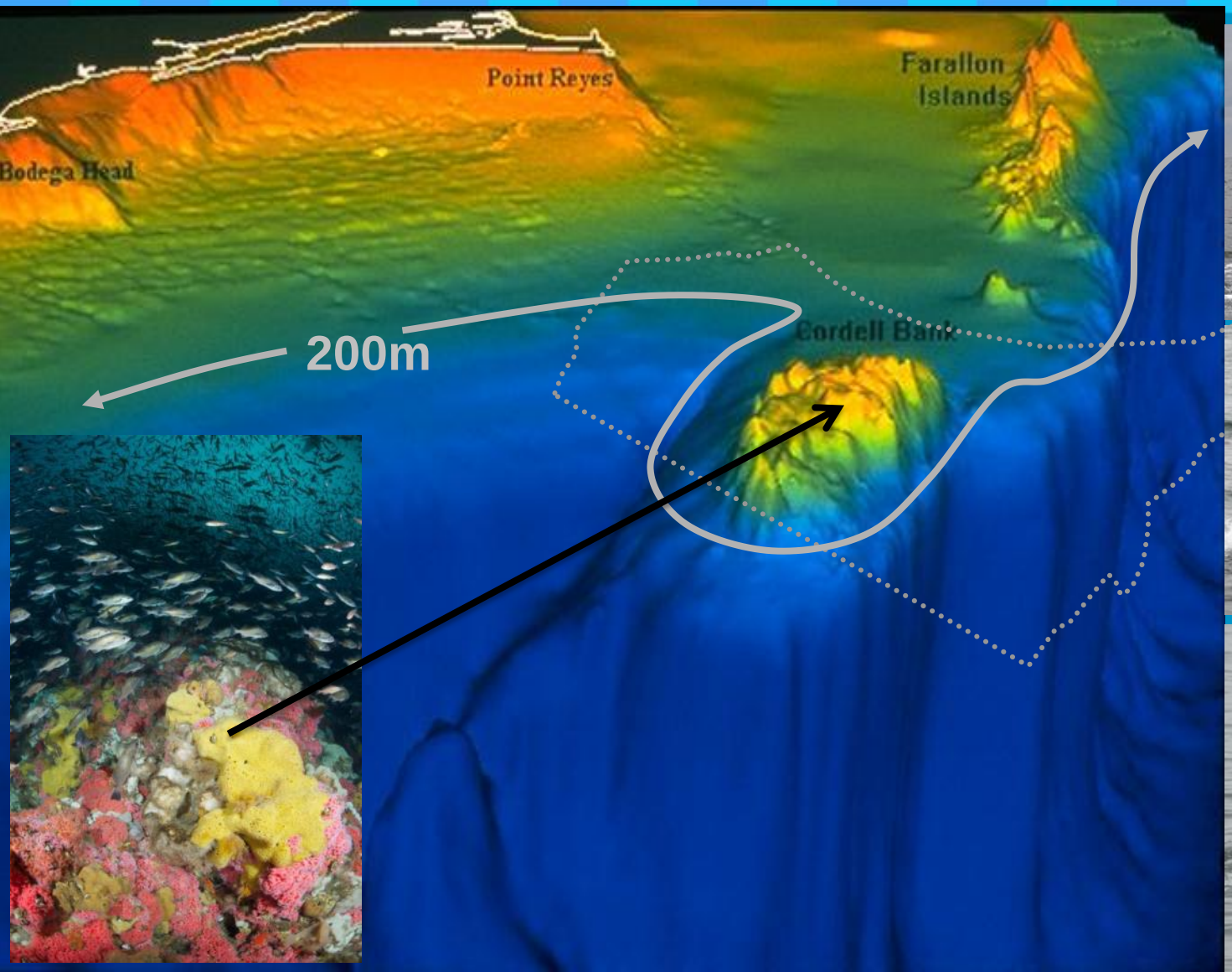


The co-occurrence of ship and whales sometimes results in ship strikes

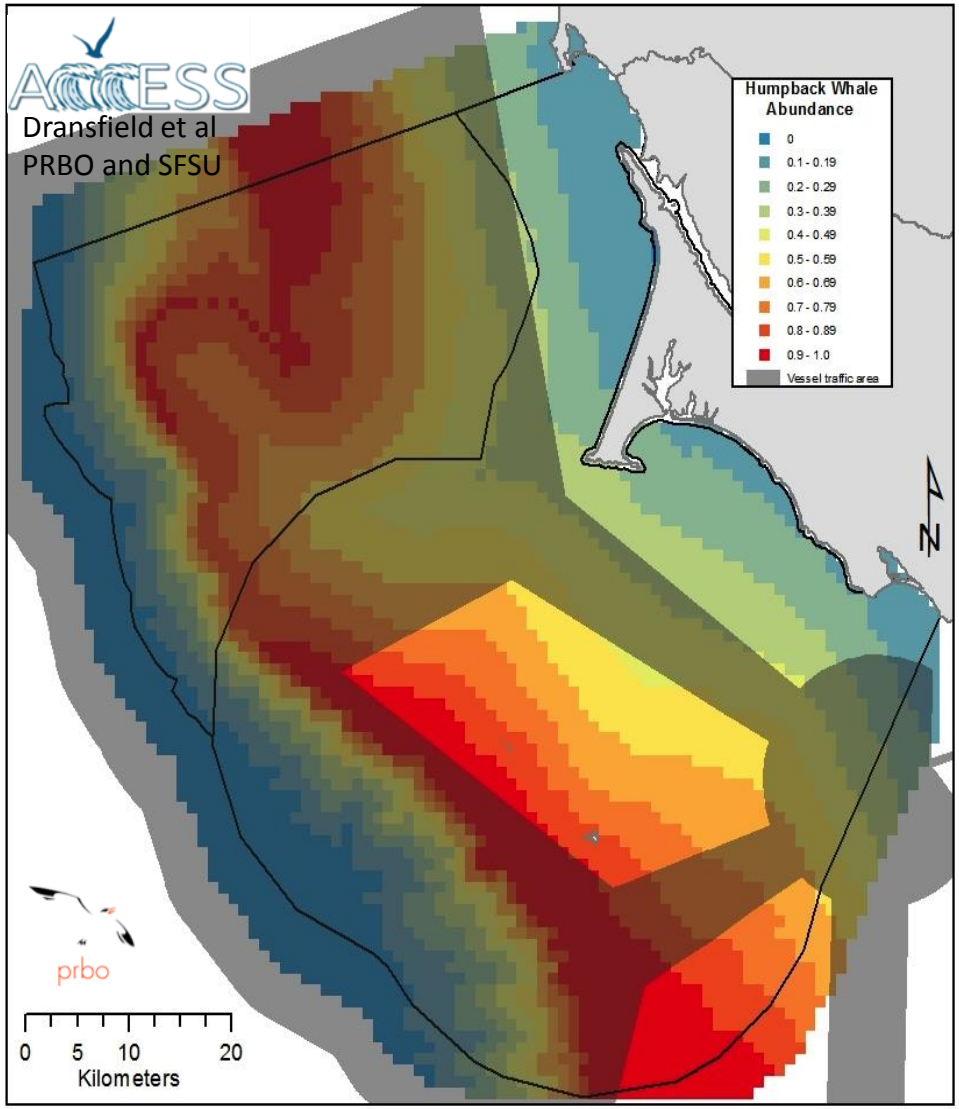
Large Whale Ship Strikes for CA from NMFS stranding database

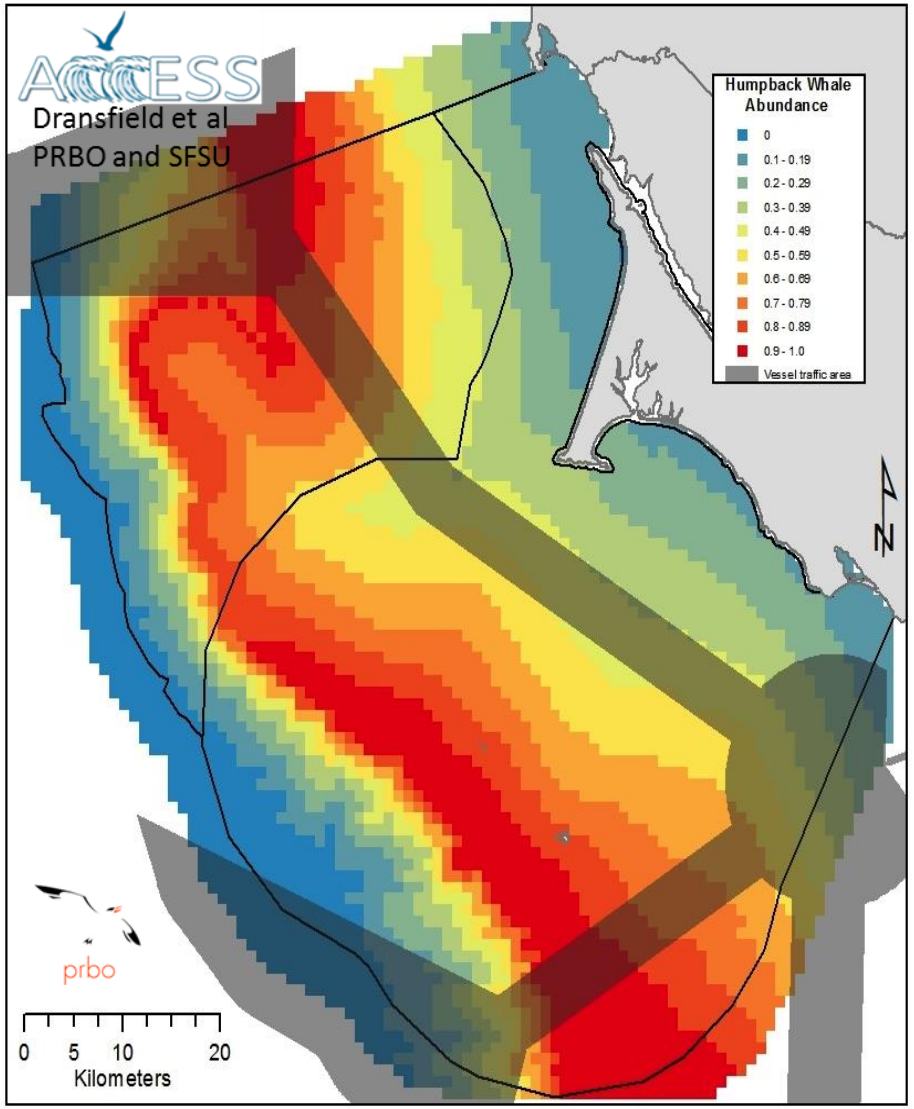


The shelf breaks is a very productive area

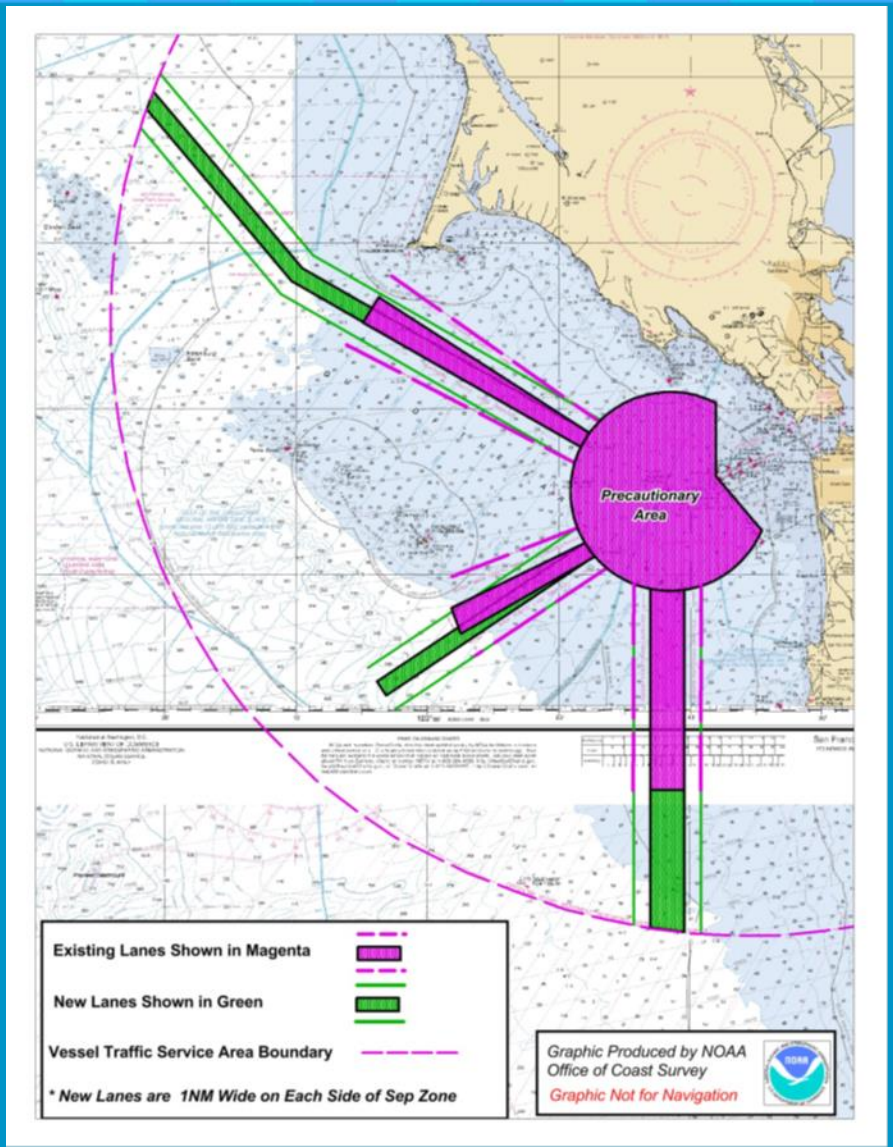


Reduce conflict between vessels and preferred whale habitat

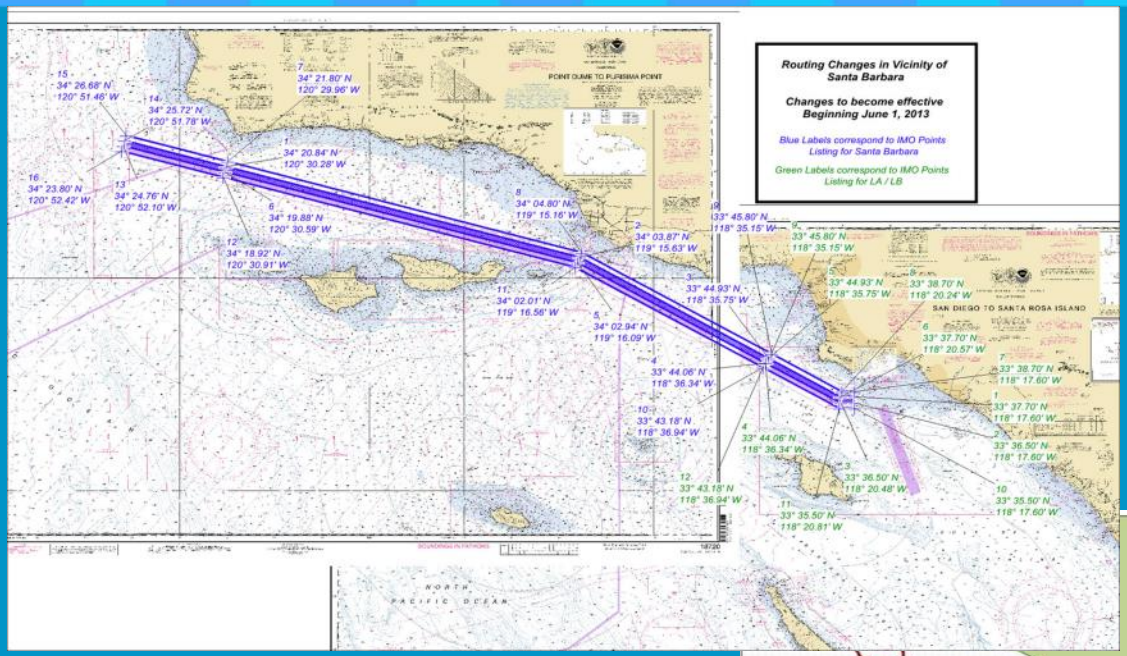


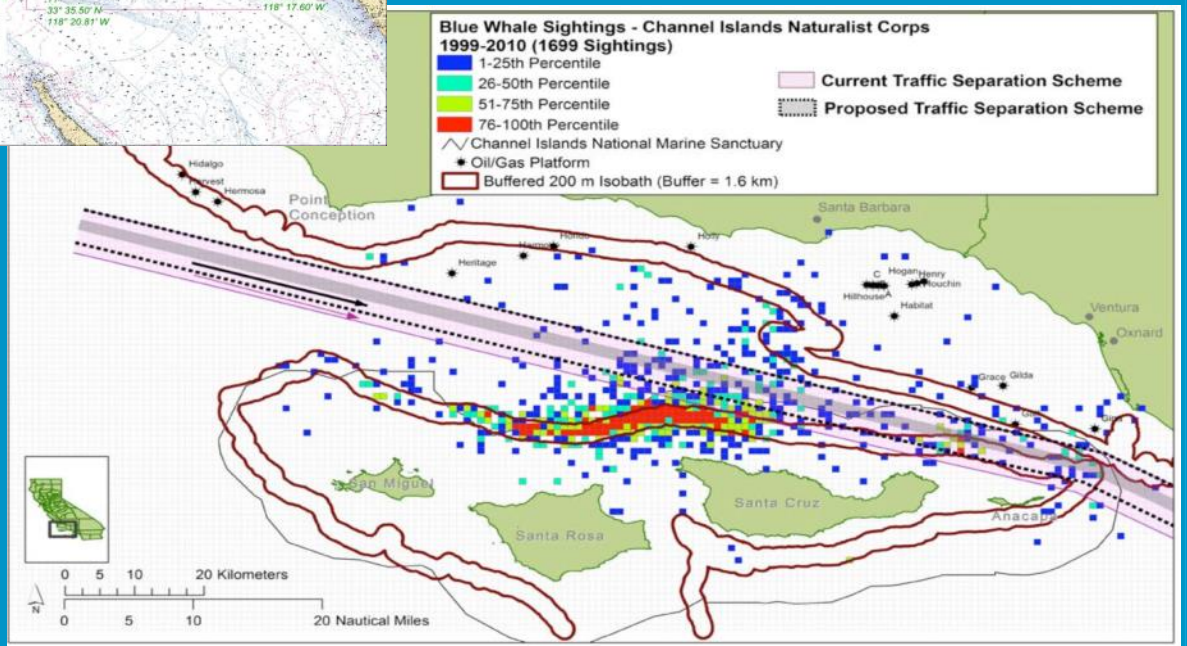


Through the USCG PARS process and the IMO new lanes were established in 2013



Similar process happened in Southern California and the lane was moved 1nm





Real-time whale sighting and monitoring network:

NATIONAL MARINE SANCTUARIES

NOAA

Spotter Pro – Field Data Capture & Sync

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By Conserve.IO

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Description

Spotter Pro is a full-featured app for effort-based field data collection of animals, plants, and other environmental data.

Conserve.IO Web Site › Spotter Pro – Field Data Capture & Sync Support ›

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This app is designed for both iPhone and iPad

Free

Category: Business
Released: Jun 28, 2013
Version: 1.0
Size: 8.5 MB
Languages: English, Bokmål, Norwegian, Catalan, Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Slovak, Spanish, Swedish, Traditional Chinese, Turkish
Seller: Conserve.IO Inc.
© 2013
Rated 4+

Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 5.1 or later. This app is optimized for iPhone 5.

Screenshots

iPhone | iPad

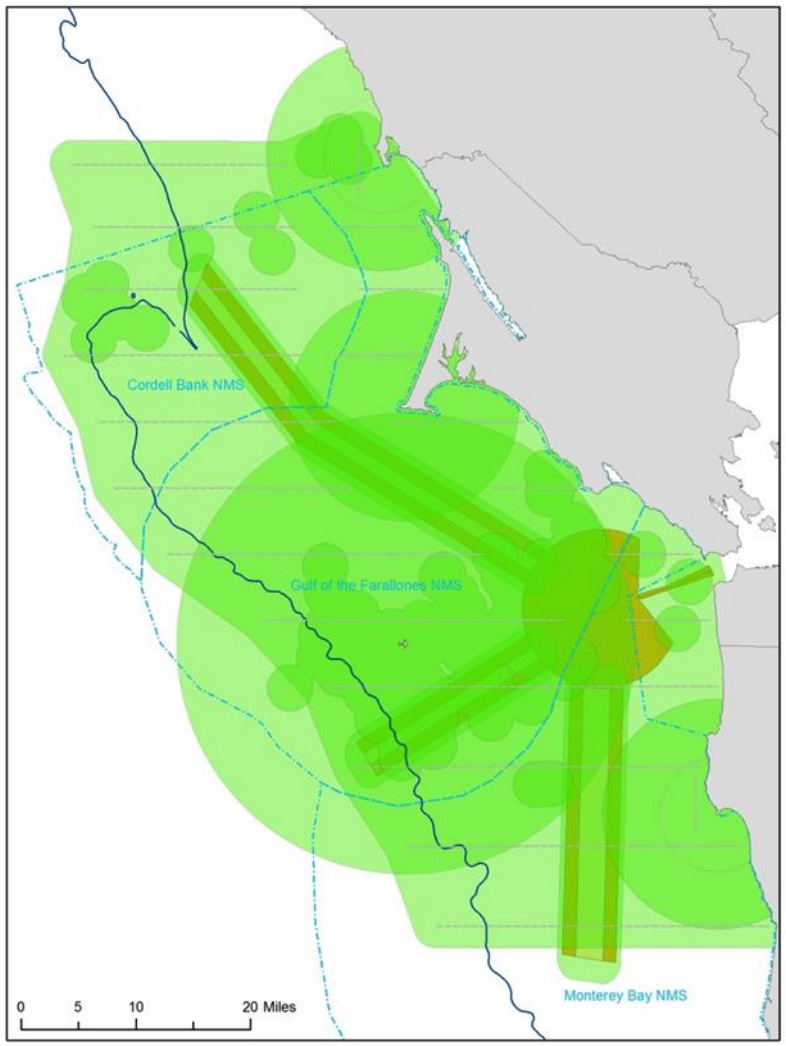
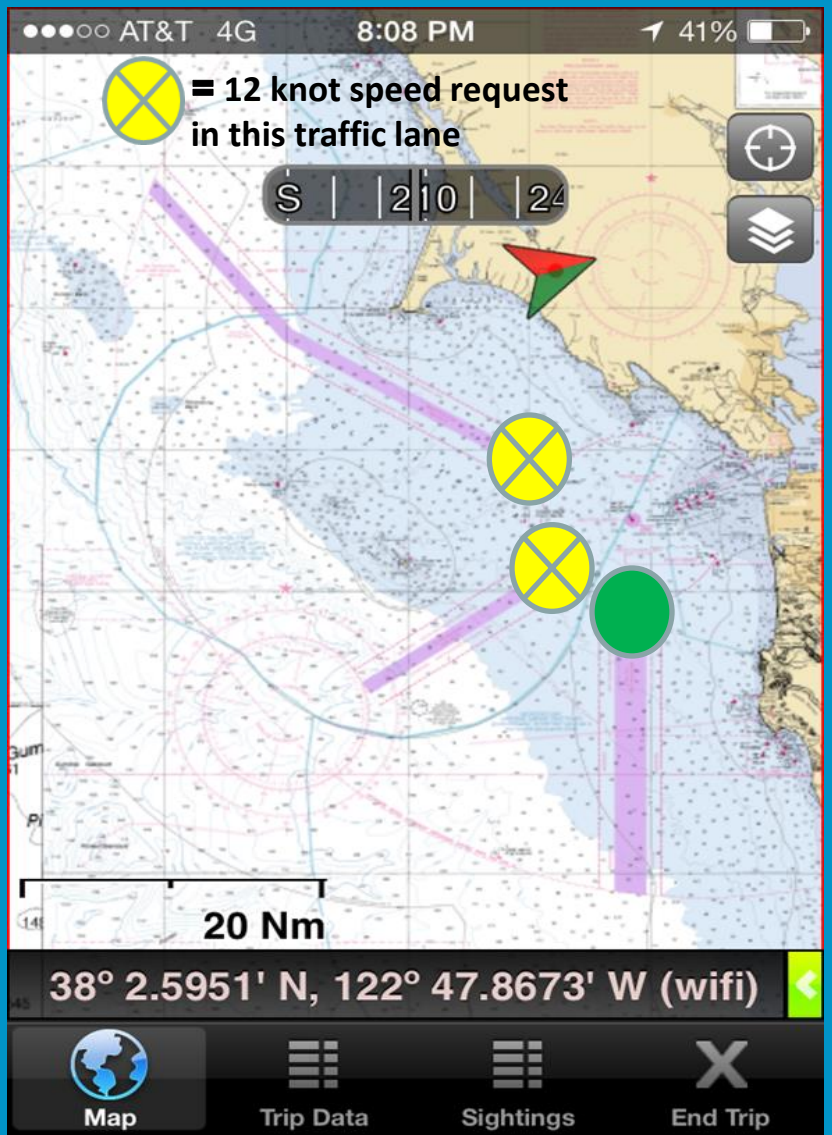
Customer Ratings

We have not received enough ratings to display an average for the current version of this application.

Customer Reviews

For Professional Data Collection–There is nothing better! ★★★★★
by Nyangumi

For anyone that needs to collect data in the field, no matter whale, wombat or wildebeest, SpotterPro is the app to use. With easy server data storage, you no longer have to worry about who has what drive or which laptop. Everything is in the 'cloud' You have to sign up for a user account which isn't always obvious, but the plus side is they can

...More

With near real-time data we can implement a Dynamic Management Area