

CWGW Summary Review of SAC's 2009 Ship Strike Report Recommendations

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This PPT was originally provided to the Channel Islands National Marine Sanctuary Advisory Council at the May 2013 meeting. Updates have been made to reflect work that has been accomplished to date. This PPT is provided as background material for the new Marine Shipping Working Group members.



Recommendation 1: Research and monitoring

- Progress
 - Harps, AIS, Aerial & Photographic Monitoring, Behavior Studies
 - Research Partnerships: UCSD, UCSB, Cascadia, Industry
- Status
 - Funding for research has decreased (Harps & Aerial)
- Work Still to be Done
 - Refine models on whale densities and distribution both inside and outside the channel
 - Monitoring krill and relationship to whale distribution
 - Refine understanding of whale behavior during close approach

Recommendation 2: Alteration of vessel behavior

- Progress

- Notice to Mariners (NOTM) Broadcast 2008-2012
- NOTM revised 2012: Whale Advisory Zone, Slow Speed Zone, charts, terminated with departure of whales
- NOTM revised 2013-2014: Whale Advisory Zone

- Status

- **NOTM fails to change vessel behavior.**
 - Less than 1% of ships traveled slower during requested period

- Work Still to be Done

- Evaluate appropriateness of SMAs, DMAs, ATBAs

Recommendation 3: Alteration to traffic separation schemes

- Progress
 - June 1st 2013 Santa Barbara TSS shifted for improved whale protection
- Status
 - Air regulation shifted traffic patterns
 - approximately 50% of the traffic traveling south of the Channel Islands
- Work Still to be Done
 - Address risk of ship strikes from traffic traveling south of the Channel Islands

Recommendation 4: Expand education & outreach

- Progress
 - Dock walks, education flyer, poster, and e-mail list serve
 - Whale Poster, Whale Alert, Whale Spotter
- Status
 - Fostered positive working relationship with shipping industry
 - Outreach has failed to change vessel behavior
- Work Still to be Done
 - Continued engagement with industry to improve compliance with voluntary recommendations

Recommendation 5: Incentive and mandate vessel speed reductions

- Progress
 - Vessel Speed Reduction (VSR) Initiative
- Status
 - In 2014 a successful VSR Trial was executed by CINMS, EDC, and Santa Barbara County Air Pollution Control District
- Work Still to be Done
 - Finalize VSR Report
 - Explore opportunities and funding for implementing a scaled-up VSR program

Recommendation 6: Adaptive management

- Progress
 - Six years of implementing a variety of management actions.
 - Refined agency understanding about successful and unsuccessful strategies
- Status
 - Success: shifting SBC TSS
 - Failure: NOTM voluntary speed recommendations
- Work Still to be Done
 - Build on lessons learned and try new approaches

Recommendation 7: Agency, Stakeholder, Industry Engagement

- Progress
 - Public workshops, PARS Study, Marine Shipping Solutions Group, Seminar and Workshop presentations, SAC meeting updates, VSR Trial, etc...
- Status
 - Success in engaging stakeholders , building new partnerships, and identifying and securing new resources
- Work Still to be Done
 - Keep pursuing and creating opportunities for engagement

Goal: Reducing the risk of ship strikes

- Progress has been made on each recommendation to varying degrees; however, each recommendation still requires additional work.