Channel Islands National Marine Sanctuary
Management Plan Revision Process
Preliminary Draft List of Potential Action Plan Topics

For Sanctuary Advisory Council Consideration
September 18, 2020

Issue-Based Action Plans:

**Climate Change**
- Vulnerability assessment
- Support ocean acidification studies & monitoring
- Assess impacts to deep sea corals
- Role of marine reserves
- Education & public engagement on ocean climate change/ocean acidification
- CINMS emissions inventory & reduction
  - including VSR ship emission reductions

**Vessel Traffic**
- Whale ship strike / Vessel Speed Reduction
- Area To Be Avoided (ATBA) adjustment
- Remote sensing (Shore-based radar, AIS)

**Introduced Species**
- Support research/tracking of habitat change from Undaria pinnatifida and other non-native species
- Education/outreach with harbors/boaters to reduce additional spread
- Support early detection and response within CINMS

**Marine Debris**
- Understand macro and microplastic load/trend, with partners
- CINMS shoreline focus for cleanups and source assessment/quantification
- Collaborate with fishermen on trap loss
- Education & outreach strategies/partnerships

**Marine Zoning**
- Support monitoring, enforcement, and joint CDFW/NOAA administration of Channel Islands MPA network
- Santa Barbara Channel MPA Collaborative
- CDFW MPA Decadal Review process
- Evaluate and respond to other zoning issues/proposals
Programmatic Action Plans:

**Education & Outreach**
- Blue Economy (tourism, rec use, recreational fishing)
- Volunteer and outreach program
- Citizen science
- Visitor centers/partner facilities
- Media and communication tools
- Curriculum and education product development
- Collaborating with education partners
- Regional & national initiatives
  - <see also: issue-based action plans>

**Research & Monitoring**
- Socioeconomic: human use assessment
- Condition reporting
- Ocean noise monitoring
- Coordination of priority field studies
- Habitat mapping characterization of sanctuary features
- Research interpretation & information sharing
- Regional & national sanctuary system initiatives
  - <see also: issue-based action plans>

**Resource Protection**
- Emergency response (spills, groundings, entanglements)
- Enforcement
- Technology development
- White abalone
- Permitting
- Emerging issues
  - <see also: issue-based action plans>

**Maritime Heritage**
- Shipwreck exploration, monitoring, interpretation
- Chumash community partnership

**Administration & Operations**
- Vessel Operations Program and other field operations
- Administrative & facility priorities and initiatives
- Sanctuary Advisory Council
  - <see also: Climate Change action plan>