

## **Summary of Changes Made- Harbor Safety Plan 2021-2022 Revision**

**Final Draft for Approval to be submitted to the Harbor Safety Committee**

**September 15, 2022.**

Draft obtained from Secretariat files; with revisions in progress from Britni Anderson - 2019

Notes and comments from previous edits reviewed and corrected.

New comments added

Updated text for spelling and grammar

Updated footer to include version

Added minor edits from Larry Oetker and notated with comments

Changed color scheme from previous versions

### **Minor Updates Completed:**

#### **Table of Contents:**

- Corrected table to include Appendix and page numbers

#### **Introduction:**

- Updated fueling facilities to only Englund Marine and provided coordinates from Google Maps
- Added reference to Highway 299 as an approved route connecting Humboldt Bay to the National Maritime Freight Highway System
- Updated census statistics
- Added description of the Humboldt Bay Harbor, Recreation and Conservation District per CA Harbors and Navigations Code
- Updated all contact information for members and liaisons with assistance from Reuben Macaspac (OSPR) and Adam Shilts (USCG)
- Updated conditions of Lempert-Keene -Seastrand ACT to include annual submittal of HSP and deleted reference to original dates of submission of original HSP

#### **Geography:**

- Added channel depths to Bar and Entrance channel and Samoa Channel references.
- Updated all references to Tuluwat Island
- Added information about Shelter Cove Preservation Inc. from website and included website reference, added breakwater description
- Minor wording edits and added reference to Trinidad Harbor and included website reference
- Corrected Regulation reference for Harbor Conditions pg. 15

- Added appendix reference for berth codes
- No changes to Harbor Conditions

### **Harbor Depths and Channel Design:**

- Added information to Design to reflect USACOE Study 216 in 2005. With citation

### **Recommendations: Monitoring the Improved Channels**

- Added references to USACOE Study 216 and Sediment Management EIR/Eureka Littoral Cell Study
- Recommendation #1 – no change
- Recommendation #2 –Recognize need for funding for alternatives to prevent shoaling and develop long term sustainable dredging plan for Humboldt Bay

### **Tsunami:**

- Previous draft Draft notes indicated this section needs to be updated with a comment for Troy Nicolini to review, I emailed Troy and he confirmed this section was updated 2018 with Suzie Howser
- Replaced paragraph about CEMA working on mapping with paragraph with a reference to: <https://www.conservation.ca.gov/cgs/tsunami> and the interactive tsunami maps available
- Added reference to Cal Poly Humboldt and Redwood Coast Tsunami Work Group and referenced Living on Shaky Ground and maps available on their website
- County of Humboldt Office of Emergency Services reference to Tsunami plan: status unknown. No specific plan regarding harbor safety found here: <https://humboldt.gov.org/DocumentCenter/View/51092/Continuity-of-GovernmnetContinuity-of-Operations-Plan?bidId=> *No changes made to references for Tsunami Contingency plan since 2018, not finalized by County of Humboldt, removed from Appendix*
- Updated website links for National Weather Service tsunami pages
- Replaced paragraph regarding California Office of Emergency Management working on tsunami mapping with information and links for the California Department of Conservation tsunami maps, Cal Poly Humboldt/Redwood Coast Tsunami Work Group
- Updated Recommendation 1 wording and phone numbers with assistance from Jeffrey Ferguson/ NOAA
- Removed action item. “The HSC will participate in the development of the tsunami section of the County of Humboldt Emergency Operations Plan” as status is unknown

## **Aids to Navigation**

- Removed reference to hazardous bar warnings, per Adam Shilts email, USCG no longer tracks this data
- Updated links to websites. Emailed Adam Shilts USCG and Jeffrey Ferguson NOAA. 08/22/2022
- Body of text referencing SWAN model for wave energy was highlighted in red with reference for Troy Nicolini to update –Confirmed with Troy Nicolini via email all information is updated
- Added information regarding PORTS from an email from Jeff Ferguson, PORTS informational flyer, and HBHD/HSU contract regarding PORTS program
- Added map from PORTS website
- Confirmed status of some information that appears correct – Adam Shilts/ Carter McGuire – USCG via email
- Verified Scripps – CDIP Waverider buoy information from website
- Emailed Adam Shilts USCG for more information on Bar and Entrance Channel, per Troy Nicolini @ NOAA, USCG responsible for funding
- Recommendation 1 was outdated, spoke of funding from 2009/2010- Revised to reflect current HSU contract with HBHD
- Added edits received via email from Carter McGuire USCG 08/22/2022 for Aids to Navigation Team name, phone number
- Added edit regarding Bar Camera needing funding to be replaced

## **Vessel routing/Traffic Patterns- Present conditions**

- No changes but will need to be reviewed for next edition to consider potential increase in new port/wind energy construction traffic
- Removed reference to updating of Harbor Safety Guide

## **Best Maritime Practices**

- Updated links
- Added reference to 5 mph regulation within marinas and inner reach (Ord 17 Sec 7.10)
- Clarified regulation reference to USCG Rule 9
- Added and updated CA Boating and PFD laws - moved above “Standards of Care”.
- Plan Currently references WIM Ordinance 15, , added copy of Ordinance 15 to Appendix IV
- Plan Currently references WIM Ordinance 17 , added copy of Ordinance 17 to Appendix IV

## **Communications**

- Updated VHF channel reference to include Channel 22
- Organized list by numerical order

### **Tsunami Maritime Actions**

- Had previously highlighted red sections asking for Troy Nicolini to update, Confirmed with Troy Nicolini - NOAA via email section is current and was updated previously
- Updated and verified links and phone numbers
- Removed duplicate Maritime Safety Zone – Eureka Study Area map

### **Vessel Anchorage**

- Added reference to HBHRCO Ordinance 17
- Added item (e) to Recommendation 1, anchorage ordinance will need to be reviewed with proposed offshore wind energy project and potential construction of a new multipurpose heavy lift terminal

### **Vessel Traffic Service**

- Updated recommendation to include need for review due to proposed offshore wind energy project and potential construction of a new multipurpose heavy lift terminal

### **Tug Escorts**

- Updated to reflect 3 current tugs in Humboldt Bay
- Tug report will not be included in the 2022 revision of the Harbor Safety Plan as the Tug Report edits have not been completed or reviewed by the HSC

### **Pilotage**

- **Added reference to HBHD Ordinance**

### **Communications**

- Updated table for VHF channels

### **Casualty Data**

- Updated stats for Jan 2021-Apr 2022 obtained from Adam Shilts USCG
- Corrected reference citation

### **Motor Vehicle Bridges**

- Updated references to Tuluwat Island

### **Monitoring and Plan Enforcement**

- No changes

### **Funding and Competition**

- Corrected reference

## **SUMMARY OF HARBOR SAFETY COMMITTEE ACTIONS**

– \*will need to be updated with all the new recommendations after Larry Oetker/Leroy Zerlang review\*\*

**Appendix –**

- Added HBHRCO Ordinances 15, 16, 17
- Reformatted all codes and regulations – direct copy/paste from 2018 Compendium of Lempert-Keene-Seastrand Act of sections: 8670.23, 8670.23.1, 8670.23.2 (added), 8670.24
- Added USCG Rule 9
- Removed Humboldt County Draft of Tsunami Contingency Plan