

# COMMUNICATIONS AND REPORTS

A. CEO Report

B. Commissioner Reports

Pursuant to the Brown Act, this item allows the Commissioner to briefly discuss activities engaged in since the previous public meeting, and direct staff to place items of importance on a future agenda.





## CEO Report for the Board of Harbor Commissioners

### 5 February 2019 Harbor Commission Meeting

- Now that the government shutdown has ended, perhaps temporarily, Debra O’Leary, Project Manager, U. S. Army Corps of Engineers, will be back in touch getting National Marine Fisheries Service (NMFS) to sign off on our ten year dredge permit. Before the shutdown, they had filed a letter of concern about dredge operation during herring runs and disruption of eel grass areas.

Since their letter of concern, the Harbor District has received the final monitoring results on the eel grass mitigation area. Merkel, Inc, and Pacific Watershed Associates, the biological monitoring firms contracted to assess the eel grass beds, shared positive results concerning the mitigation areas in 2018.

To quote from an article published in the Triplicate on October 9, 2018:

It only has about one acre of the stuff — compared to the roughly 12,000-15,000 acres found in California statewide — but Crescent City Harbor’s efforts to transplant eelgrass following the March 2011 tsunami “is something the district should be proud of,” consultants say. The Crescent City Harbor District is the first entity in Northern California to successfully undergo an eelgrass mitigation project under a new policy adopted in California in 2014, said Whelan Gilkerson, senior biologist with Arcata-based Merkel & Associates Inc.

Dubbing the project a test pilot for the new California Eelgrass Mitigation Policy, Gilkerson said while most efforts to transplant eelgrass have been largely unsuccessful in other parts of the North Coast, the eelgrass at the Crescent City Harbor is thriving.

“Most projects have failed or have not been tracked very well,” Gilkerson said. “And so, the district in a really good faith effort, while the policy is still in draft format, followed the guidelines. The idea was to see if we follow the new policy are we likely to generate better success with eelgrass mitigation, and they absolutely did.”

Continuing to quote from the article:

Due to impacts from dredging, rock slope protection and dock replacement work following the March 2011 tsunami, the Crescent City Harbor was required to transplant an eelgrass bed near its public boat launch, Gilkerson said.

The harbor contracted Pacific Watershed Associates to transplant the eelgrass in 2013, according to the Year 5 Post-Mitigation Eelgrass Monitoring Report, which Gilkerson prepared in June 2018. Pacific Watershed Associates retained Merkel & Associates in 2016 to assist with monitoring the project. According to Gilkerson, the project was monitored for five years to ensure that transplant efforts were successful.

Though the new California Eelgrass Mitigation Policy required high planting ratios, the harbor surpassed that requirement by a huge factor, according to Gilkerson.

"We harvested the bed next to the boat launch right before dredging began," he said. "One of the cool things about the project, the bed we completely harvested, it's coming back in the same location. And above and beyond that, the mitigation (area) has grown like gangbusters. The harbor has more eelgrass than it's probably ever had before."

According to Gilkerson, the report he prepared in May 2018 was the last monitoring report needed for the Crescent City Harbor eelgrass mitigation project.

"It's a nice thing for the district to have under their belt, to be the first ones to go through a new policy," he said. "It's the first project north of San Francisco Bay to be conducted and to follow through with a full five years of monitoring."

The final monitoring report should put to rest any concerns that NMFS has about potential damage to eel grass areas.

The other item that Debra O'Leary mentioned to allay NMFS fears was to have a trained herring observer onboard the dredge. The California Department of Fish and Wildlife conducts trainings for observers during dredge operations.

The following is from a notice from the California Department of Fish and Wildlife concerning herring observers published in 2014:

#### **Herring Observer Qualifications**

1. College degree with focus in environmental or biological sciences.
2. 1 year experience surveying, studying, or evaluating fish populations.

#### **Observer Requirements**

1. Observer is required to attend CDFW administered training. Training will be offered the week following November 15th via webex.
2. Observers shall have no responsibilities other than to monitor for herring spawning activity.
3. Observer will be required to be present during all dredging or in-water work activities, with the exception of disposal of dredged material.

#### **Observer Duties**

1. Observer shall monitor from an area that allows a full range of view of the 500 meter buffer zone. Observations may be conducted from the dredge, shore, or by a separate vessel.
2. If dredging is to take place at night, the observer shall be present during all dredging activity.
3. If there is an anticipated time lag of 8 hours or greater between dredging events or when scow is out for disposal, the observer may be excused.

4. A shoreline survey shall be conducted within the 500 meter buffer zone at sunrise or at least 1 hour prior to the start of dredging when there is a lag time of at least 8 hours between dredging events and/or following dredging at night.

5. A shoreline survey shall be conducted by boat or foot to observe the entire shoreline within the 500 meter buffer zone. If access is limited or safety is a concern, the observer shall make every attempt to survey as much of the buffer zone as possible.

6. A daily observation form shall be completed by each observer. The forms shall be submitted to the Department and the Permitting agency contacts by 5:00 p.m. on Friday of each week during dredging activity from December 1 to February 28.

Because the Harbor District may be operating its own dredge, we can choose not to dredge during herring spawning activity.

We are in the process of locating a mechanic, possibly from Pape, to assess the condition of the dredge. It has been stored on land since before my arrival in 2014. I am not aware, nor is Rich Salvaressa, Maintenance Foreman, of any preservative measures taken to prepare the dredge for long term storage.

Larry Oetker, Port Director, Humboldt Bay Harbor District, and I have had preliminary discussions about using the Humboldt Bay Cutter head dredge should our dredge prove to be inoperable or unable to be repaired. Humboldt Bay Harbor District has been unable to secure a permit to use their dredge due to the presence of endangered aquatic species flowing into Humboldt Bay transported by Jacoby, Freshwater and Salmon Creeks and the Elk River. We have no such tributaries flowing into our harbor and therefore no transport of the endangered species present in Humboldt Bay.

At some point in the future, Mr. Salvaressa and I will inspect the Humboldt Bay Harbor District's dredge to see if it is suitable for use in our marina and Outer Boat Basin.

- Continuing with the dredging focus, we have been working with Justin Yee from the Corps of Engineers addressing both the removal of dredged material from the dewatering pond and with a new round of dredging for the harbor.

Here is an excerpt from an email we received from Justin Yee on Tuesday, 29 January:

I wanted to update you both on the quantities we're anticipating. I was mistaken in the amount of dredged fine material anticipated. According to the last calculations in Nov 2018, the Entrance Channel would generate approximately 47,300 cy, and testing shows this as 80%+ sand which is suitable for Whaler Island. The Inner Harbor Basin would generate approx. 10,000 cy and Marina Access Channel approx. 16,900 cy of fine material, all needing to go either to upland or ocean disposal (26,900 cy total).

We've put out a rough project description on our website for prospective contacting opportunities (aka "Sources Sought"), though we still have not found the best alternative to pursue for the placement of the fine materials (HOODS, excavate upland site and haul material to mining pit, French Hill ag site, elsewhere?) in time for FY19, and within the FY19 budget. I'm hoping to have that sorted out ASAP.

Cheers,  
Justin Yee  
Project Manager, CESP-PPMD-B  
U.S. Army Corps of Engineers, San Francisco District  
415-503-6788

In light of these communications, we are expecting a rapid resolution on the issuance of the Harbor District's Ten Year Dredge Permit.

- We received a letter from Congressman Huffman congratulating the Harbor District on the passage of Measure C. I have attached a copy of the letter to this report.
- On Thursday 24 January, a delegation from the Klamath River Renewal Project made a presentation at the Harbor Office about the dam removal project. Harbor Staff had been concerned about sediment flow from the river following removal of the dams flowing north and depositing excessive amounts of silt and sand in the Marina and Outer Boat Basin which could severely restrict vessel movement in and out of the harbor.

We expressed our concerns in discussions with the Klamath River Renewal Corporation (KRRC) staff prior to the Harbor meeting. Harbor District Staff used the example of extreme siltation caused by the dam removal project on the Elwha River in Washington.

President Ramsey, Commissioner Shepherd, Harbor Master Helms and Deputy Harbor Master Tavasci represented the District at the meeting.

In KRRC's presentation, they devoted two Power Point slides to a comparison between the Elwah Dam removal project and the Klamath project. The most telling statistic was that the Elwah only had five miles below the dam before it reached the ocean whereas the Klamath sediment load would be carried over two hundred miles before reaching the ocean. This distance would allow sedimentation throughout the course of the river.

Glen Spain, NW Regional Director, Pacific Coast Federation of Fishermen's Associations, also attended the meeting and presented information about sediment and more



importantly provided an overview of Salmon Landings between 1995 and 2009. I have attached his report to this document.

The State Water Board is conducting a public hearing in Arcata on Wednesday, 6 February from 5 p.m. until 8 p.m. at the D Street Neighborhood Center, 1301 D Street to solicit input on the draft Environmental Impact Report submitted by KRRC.

- Sierra Zierler, a recent University of Idaho graduate, has been helping with grants research for the Tsunami Experience and affordable tourist lodging. She is able to spend around twenty hours per week identifying Foundations that make grants to projects similar to ours.

She accesses the Foundation Center's database through a terminal at the Wild Rivers Foundation. Wild Rivers subscribes to the database and allows us access the data at no charge.

Sierra has prepared a brief overview of her activities on behalf of the Harbor District which I have attached to this report.







January 21, 2019

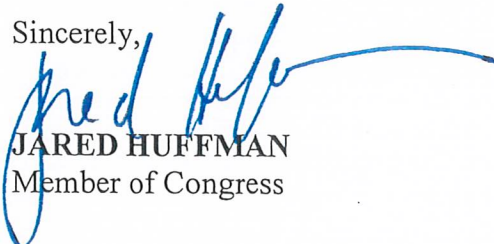
Charles Helms, CEO/Harbormaster  
Harbor Commissioners  
Crescent City Harbor District  
101 Citizens Dock Road  
Crescent City, CA 95531

Dear Friends:

Happy New Year and congratulations on the passage of Measure C. I am pleased the community continues to support investments in the harbor district. These measures do not pass without a lot of community support and hard work on the part of many volunteers. Please extend my congratulations to your entire team.

As we look forward to a new congressional session, please do not hesitate to contact my Eureka District Office staff on ways to support your good work in the days ahead.

Sincerely,



**JARED HUFFMAN**  
Member of Congress



## DECLINES IN KMZ PORT SALMON LANDINGS BETWEEN 1976-2009

### Pounds of Salmon Landed by the Commercial Troll Ocean Fishery For Major Klamath Management Zone (KMZ) Port Areas<sup>1</sup>

Year or Average of years	Eureka (CA)	Crescent City (CA)	Brookings (OR)
<b>Salmon Landings (nearest thousands of dressed pounds)<sup>2</sup></b>			
Av. of 1976-1980	1,794	753	1,057
1995	26	5	55
1996	92	3	142
1997	14	*	73
1998	22	1	52
1999	27	3	80
2000	20	3	114
2001	61	3	152
2002	108	54	218
2003	7	38	142
2004	65	308	267
2005	77	25	239
2006	0	0	45
2007	81	34	101
2008	0	0	8
2009 <sup>3</sup>	0	0	5
Av. of 2005-2009	32	12	80

\* = Fewer than 500 pounds

### SALMON FISHERY LOSSES BY PORT AREA (Average of Years 1976-1980 as compared to Average of 2005-2009 landings)

<u>Port Area</u>	=	<u>Decline (%) of Fishery</u>
Eureka (CA)	=	<b>98% LOSS</b>
Crescent City (CA)	=	<b>98% LOSS</b>
Brookings (OR)	=	<b>92% LOSS</b>

<sup>1</sup> The port areas listed include landings in the following ports: Brookings also includes Port Orford and Gold Beach; Crescent City includes only Crescent City; Eureka also includes Trinidad and Humboldt Bay locations. Brookings is at the far northern end of the Klamath Management Zone, and thus would have received some landings from just north of the KMZ.

<sup>2</sup> Data from Pacific Fishery Management Council (PFMC), *Review of 2009 Ocean Salmon Fisheries (2/10)*, Tables IV-6 & 7. The KMZ coho fishery was closed completely in 1992, so years after 1992 reflect only chinook landings except for a very small Oregon coho fishery contribution in Brookings in 2007 (~3,000 lbs).

<sup>3</sup> Preliminary 2009 numbers as of publication (2/10) may be slightly adjusted based on final figures.





*Wild Rivers Community Foundation* (WRCF) helps to connect donors from all backgrounds to community members within the Del Norte area as an affiliate of the *Humboldt Area Foundation* (HAF). They also provide resources for nonprofits, such as trainings, or how to start a nonprofit. The list goes on for how much this organization does for the community. Preliminary grant research has been done through the WRCF grant database that they provide to the community. The data base that WRCF has a subscription to through Foundation Directory Online (based out of New York). This is a national data base that WRCF pays a great deal of money (~\$1,200) to allow access to the community. The database is widespread allowing anyone in search of a grant, can find a plethora of grants that they can apply to. WRCF has so graciously allowed us to use their database for free to find potential grants to start funding the new Tsunami Experience Center.

### Applications/RFPs (Request for Proposal)

Applications should ideally submit the following to any grant applications.

1. Copy of IRS determination letter
2. Additional material/documentation
3. Qualifications of key personnel
4. Timetable for implementation and evaluation of project
5. Detailed description of project and amount of funding requested
6. Copy of current year's organizational budget and/or project budget
7. Name, address and phone number of organization
8. Listing of board of directors, trustees, officers and other key people and their affiliations
9. How project's results will be evaluated or measured
10. Signature and title of chief executive officer
11. Copy of most recent annual report/audited financial statement/990
12. Listing of additional sources and amount of support
13. Brief history of organization and description of its mission
14. Contact person
15. Geographic area to be served
16. Results expected from proposed grant

Initial Approach: Proposal or – to 3 page LOI (Letter of Inquiry)

Deadlines: Will vary per grant

Final Notification: Will vary per grant



**Here is an example of research that has been done on a potential grant target**

**1. The William and Flora Hewlett Foundation**

**Contact Information**

Phone: (650)234-4500

Address: 2121 Sand Hill Rd.

Menlo Park, CA United States 94025-6909

E-mail: [communications@hewlett.org](mailto:communications@hewlett.org)

Website: <https://hewlett.org/>

**Are there any Deadlines?**

There seems does not seem to be a deadline listed on their website. Visit this link to read more about FAQs.

<https://hewlett.org/grantmaking-faq/>

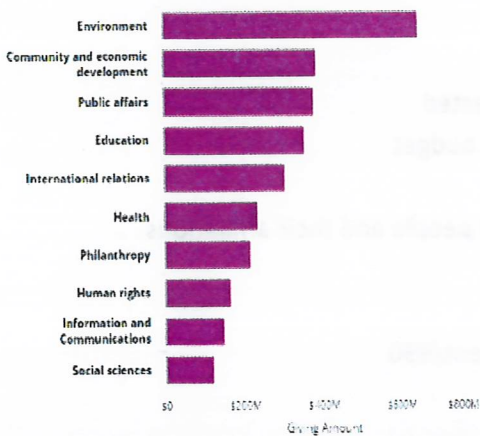
The FAQ page has lots of other important information!

**Range of Most Popular Grants:**

**The William and Flora Hewlett Foundation Most Recent 5 Years At A Glance**

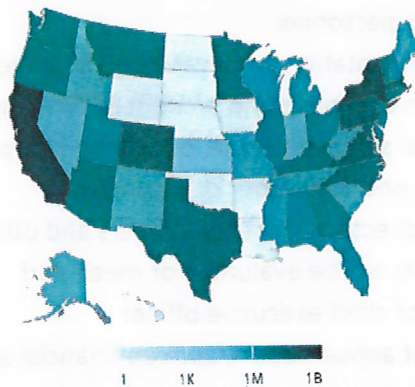
They've funded 3,003 grants to 1,152 organizations totaling \$1,491,802,474

**What Is Being Funded?**



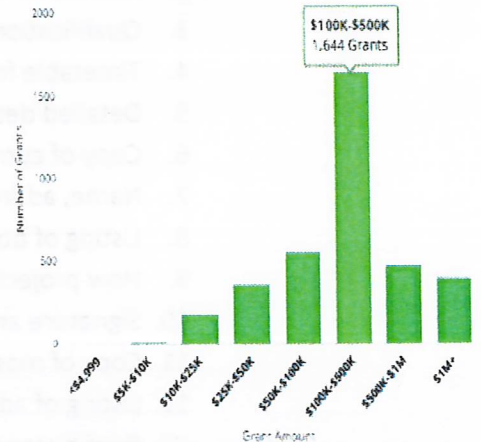
[View Each Subject with More Detail](#)

**Where Is the Money Going?**



[View Each State with More Detail](#)

**How Big are the Grants?**



[View Each Grant with More Detail](#)

**What does the proposal application require?**

<https://hewlett.org/about-the-environment-programs-grantmaking-2/>

<https://hewlett.org/grants/?sort=date>

**Additional Information on this Foundation:**

For this Foundation's Background, Follow this link:

<https://hewlett.org/about-us/>

For this Foundation's 990 2017, Follow this link:

[https://fconline.foundationcenter.org/pdf990s/?key=HEWL001&type=gm&name=The+William+and+Flora+Hewlett+Foundation&ein=941655673&remoteUrl=http://990s.foundationcenter.org/990p\\_f\\_pdf\\_archive/941/941655673/941655673\\_201612\\_990PF.pdf](https://fconline.foundationcenter.org/pdf990s/?key=HEWL001&type=gm&name=The+William+and+Flora+Hewlett+Foundation&ein=941655673&remoteUrl=http://990s.foundationcenter.org/990p_f_pdf_archive/941/941655673/941655673_201612_990PF.pdf)

**Here is a list of more potential grant targets (next top 6 out of 20)**

1. The David and Lucile Packard Foundation
2. United States Department of Health and Human Services
3. Archstone Foundation
4. Walther and Elise Haas Fund
5. Clarence E. Heller Charitable Foundation
6. The Carol and James Collins Foundation
7. Roy and Ida Eagle Foundation
8. Bill and Susan Oberndorf Foundation
9. The Bank of American Charitable Foundation
10. Research Corporation for Science and Advancement
11. The San Diego Foundation
12. The Setzer Foundation
13. The DMK Foundation
14. Lakeside Foundation
15. The Karsh Family Foundation
16. The Blum Family Foundation
17. The Hofmann Family Foundation
18. The Erwin Rautenberg Foundation
19. The Fineshriber Family Foundation





# Adjournment

Adjournment to the Board of Harbor Commissioners next regular meeting scheduled for Tuesday, February 19, 2019 @ 5:30 P.M. at the Harbor District Office, 101 Citizens Dock Rd. Crescent City, California

