

AGENDA
SPECIAL MEETING OF THE BOARD OF COMMISSIONERS
HUMBOLDT BAY HARBOR, RECREATION AND CONSERVATION DISTRICT

DATE: February 2, 2017

TIME: Regular session: 6:00 p.m.

PLACE: D Street Neighborhood Center (Map included)
1301 D Street, Arcata California

The Meeting Room is wheelchair accessible. Accommodations and access to Harbor District meetings for people with other handicaps must be requested of the Director of Administrative Services at 443-0801 at least 24 hours in advance of the meeting.

- 1. Call to Order Regular Session at 6:00 P.M. and Roll Call**
- 2. Pledge of Allegiance**
- 3. Public Comment**

Note: This portion of the Agenda allows the public to speak to the Board on the various issues not itemized on this Agenda. A member of the public may also request that a matter appearing on the Consent Calendar be pulled and discussed separately. Pursuant to the Brown Act, the Board may not take action on any item that does not appear on the Agenda. Each speaker is limited to speak for a period of three (3) minutes regarding each item on the Agenda. Each speaker is limited to speak for a period of three (3) minutes during the PUBLIC COMMENT portion of the Agenda regarding items of special interest to the public not appearing on the Agenda that are within the subject matter jurisdiction of the Board of Commissioners. The three (3) minute time limit may not be transferred to other speakers. The three (3) minute time limit for each speaker may be extended by the President of the Board of Commissioners or the Presiding Member of the Board of Commissioners at the regular meeting of the District. The three (3) minute time limit for each speaker may be enforced by the President of the Board of Commissioners or the Presiding Member of the Board of Commissioners at the regular meeting of the District.

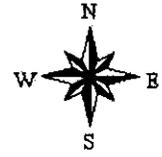
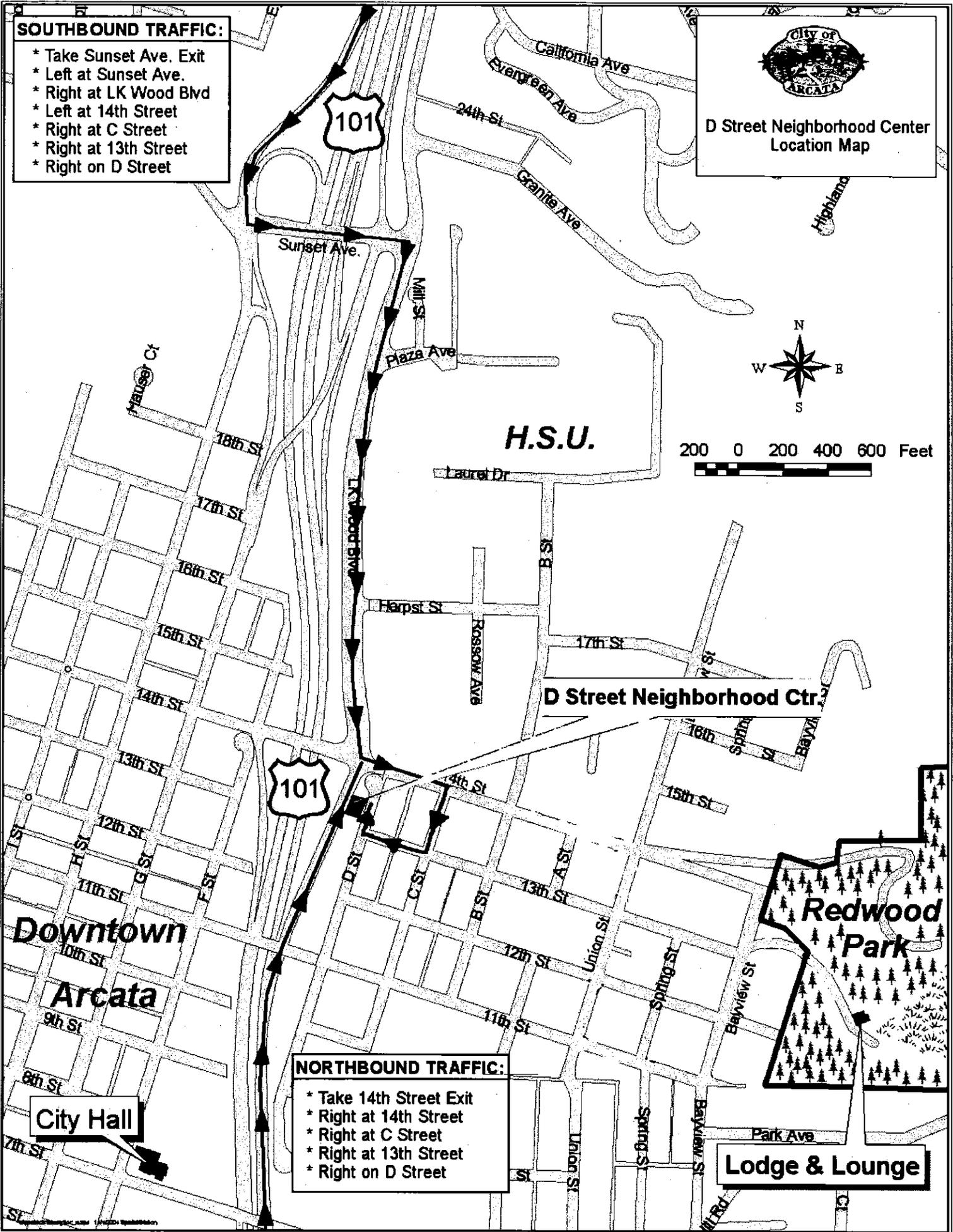
- 4. Unfinished Business**
 - a. Consideration of appointment of District 3 Commissioner.
- 5. Adjournment**

SOUTHBOUND TRAFFIC:

- * Take Sunset Ave. Exit
- * Left at Sunset Ave.
- * Right at LK Wood Blvd
- * Left at 14th Street
- * Right at C Street
- * Right at 13th Street
- * Right on D Street



D Street Neighborhood Center Location Map



200 0 200 400 600 Feet

NORTHBOUND TRAFFIC:

- * Take 14th Street Exit
- * Right at 14th Street
- * Right at C Street
- * Right at 13th Street
- * Right on D Street

City Hall

Lodge & Lounge

Downtown

Arcata

H.S.U.

D Street Neighborhood Ctr.

Redwood Park

Jack Crider

From: Stephen Kullmann [REDACTED]
Sent: Sunday, November 13, 2016 8:04 PM
To: Jack Crider
Subject: Harbor Commission Nomination
Attachments: S.Kullmann Resume.pdf

Jack,

I am submitting my nomination for consideration for the position of 3rd District Humboldt Harbor Commissioner, to serve out the remainder of Mike Wilson's term. As you know, in my role as Natural Resources Director for the Wiyot Tribe, I have had the opportunity of working on many projects in association with the Harbor District, including serving on the Harbor Safety Commission, and various management committees and workgroups, I am passionate about the rich resources of Humboldt Bay, both ecological and economic. Not only do I believe that these goals are not mutually exclusive, but that the promotion of economy and protection and restoration of the environment support one another.

I have attached my current resume.

best regards,

Stephen Kullmann

Stephen Kullmann

Professional Experience

Natural Resources Director, Wiyot Tribe, Loleta, CA, September 2009 – present:



- Supervise all Natural Resources Department activities, including Fisheries and Habitat Restoration, Brownfields Remediation, Renewable Energy Development, Environmental Education, Community Garden, Drinking Water and Wastewater Infrastructure Projects, Water Quality Monitoring, Non-Point Source Pollution Prevention, Solid Waste and Recycling program, Emergency Preparedness, and Botanical and Avian Surveys.
- Manage grants and maintain budgets, write grant proposals, coordinate permitting and compliance, and supervise staff, consultants, contractors, and volunteers.
- Represent the Wiyot Tribe on environmental topics to community,

media, and outside agencies and regularly report to Wiyot Tribal Council and community on projects and environmental issues.

Engineering Technical Analyst, Winzler & Kelly, Eureka, CA, November 2007 – January 2009:

- Completed technical engineering analyses, technical reports, proposals, and marketing material.
- Conducted field work including energy audits, site assessments, and community presentations.
- Worked on energy, water resource, transportation, and environmental projects.

Research Assistant, Schatz Energy Research Center, Arcata, CA, September 2005 – November 2007:

- Researched and tested renewable energy technologies and analyzed data.
- Tested and analyzed battery-based LED lighting technologies.
- Assisted in developing lab projects and equipment for classes.

Energy Technician, Yurok Tribe, Klamath, CA, May 2006 – October 2006:

- Conducted energy audits of households and Tribal facilities on Yurok Reservation.
- Assessed and repaired renewable energy systems and evaluated potential for new systems.
- Assisted with the creation of energy education, outreach, and media campaigns.

Education and Training

Humboldt State University, Arcata, CA: M.S. Environmental Systems; *Energy, Environment, and Society* option, including additional coursework in the Environmental Resources Engineering program, 2009.

Rutgers University, New Brunswick, NJ: B.A. English/Creative Writing, 1989.

National Partnership for Environmental Technology Education, San Francisco, CA: Financial and Administrative Guidance for US EPA Assistance Agreements 2-day training, 2011.

US Coast Guard Auxiliary, Eureka, CA: Boating Safety Training 2011.

Wiyot Tribe, Loleta, CA: Cultural Monitoring Training. Three -day training including artifact and remains identification, mapping, and construction monitoring procedures. November 2010.

Stillwater Sciences, Arcata, CA: Pacific Lamprey Field Survey Training, June 2010

Tribal Environmental Grant Writing Workshop, Sacramento, CA: Three-day workshop sponsored by multiple state and federal agencies. March 2010.

Northern California Safety Consortium, McKinleyville, CA: Hazardous Waste Operations and Emergency Response 40 hour Training, February 2010. Eight hour refresher completed annually.

Schatz Energy Research Center, Arcata, CA: Renewable Energy System Design, Installation, Maintenance, and Repair Certificate; and Residential Energy Efficiency Auditing Certificate, 2006.

National Tooling & Machining Association, Fremont, CA: CNC Machining Certificate, 1998

Projects, Presentations, and Activities

Blue Lake City Council: Elected City Councilmember November 2012. Served on Humboldt Waste Management Authority and Redwood Coast Energy Authority Boards, and representative to Humboldt Bay Municipal Water District. Ongoing.

Tuluwat Village/Indian Island Restoration Project: Direct work, funding, and permitting for brownfield cleanup and facility construction at sacred site of Wiyot annual World Renewal Ceremony on Indian Island in Humboldt Bay. Involves managing grants; supervising consultants, contractors, and volunteers; coordinating permitting with multiple local, state, and federal agencies; and public and media outreach. Multiple presentations including US EPA Region 9 Annual Conference, 2013; Arcata Pecha Kucha, 2014, US EPA Brownfields Workshop, 2015; and many more. Won American Council of Engineering Companies Honor Award 2013. Facilitated first Wiyot World Renewal Ceremony since 1860. Ongoing.

Green Sturgeon of the Eel River: Three-year NOAA-funded study of Eel River population of Green Sturgeon, including population distribution and dynamics, spawning, and genetics. Presentations to Eel River Forum, article in Eel River Reporter, and radio interviews on KMUD and KHSU. Ongoing

Eel River Pacific Lamprey Restoration Project: Coordinate multi-faceted approach on studying and remediating impacts to Pacific lamprey within the Eel River basin, including literature and information review, creel survey, life-cycle analysis, and barrier remediation plan. Communicate with conservation and regulatory agencies and other Tribes, seek funds, and supervise staff, contractors, and volunteers. Poster presentation at 2013 Salmonid Restoration Federation, presentations to Eel River Forum, radio interviews on KHSU and KMUD. Ongoing.

Marine Life Protection Act (MLPA): Served as the primary representative of the Wiyot Tribe to the MLPA Initiative. Balance traditional Tribal fishing and gathering rights with need for protection of marine ecosystems. Participate in multiple meetings and stakeholder and science advisory workgroups, negotiating with conservation groups, commercial and recreational fishermen, state and local agencies, and other Tribes. Conducting baseline monitoring on estuarine protected areas with the North Coast Study Region. Panel Discussion and presentation at CA Department of Water Resources Tribal Water Summit, 2013.

Specific Energy Yield of Low-Power a-Si and c-Si Photovoltaic Modules in a Simulated Off-Grid, Battery-Based System: Completed a 12-month project testing real-world energy yield of PV technologies under various light, temperature, and load conditions; resulting thesis project completed April 2009.

Karuk Tribe First Steps Project toward Renewable Energy and Energy Efficiency on Tribal Lands: Conducted energy audits of Tribal housing and administrative buildings, analyses of energy-use reduction strategies, and renewable energy suitability including solar electric, solar thermal, wind, biomass, and micro-hydro. Presented findings at Department of Energy Tribal Energy Conference in Denver, CO, November 2008.

Fort Bidwell Water Quantification Study: Completed assessment of water demand and resources on the Fort Bidwell Indian Reservation, including residential, agricultural, emergency, and economic water requirements, assessment of water resources and rights, potential impacts of global climate change and suitability of geothermal energy resource use. 2008.

Human Capacity Building in Energy Efficiency and Renewable Energy System Maintenance for the Yurok Tribe: Conducted energy audits, trained staff in energy-efficiency and conservation, conducted troubleshooting and maintenance of existing renewable energy systems and assessed feasibility for new systems on the Yurok Reservation. 2006.

National Hydrogen Association Design Contest: Participated on Grand-Prize winning team in National Hydrogen Association Student Design Competition. Presented design at NHA Conference in Washington DC, Chevron headquarters in San Ramon, CA, and the California Hydrogen Business Council in Sacramento, CA in 2004-2005. The project resulted in the construction of a hydrogen fueling station on the Humboldt State University campus. Awarded a Certificate of Special Congressional Recognition in 2005.

Committees and Affiliations

- Eel River Forum
- Blue Lake City Council
- North Coast Local Agency Coordination Committee
- Humboldt Coastal Dunes Cooperative
- Humboldt Bay Harbor Safety Committee
- Humboldt Bay Management Plan Advisory Committee
- Humboldt Bay Eelgrass Management Plan Committee
- North Coast Sea Level Rise Response
- Mad River Alliance

Jack Crider

From: Jack Crider <jcrider@humboldt看bay.org>
Sent: Thursday, October 20, 2016 8:27 AM
To: 'Patrick Higgins'; 'Richard Marks'; 'Mike Wilson'; 'Greg Dale'; 'Larry Doss'
Cc: 'Paul Brisso'
Subject: FW: Casey Allen 3rd District Application
Attachments: Casey Allen 3rd District Application.pdf

Jack Crider

Executive Director
Humboldt Bay Harbor District
707-443-0801 Phone
707-834-1108 Cell



From: longfish [REDACTED]
Sent: Thursday, October 20, 2016 5:45 AM
To: Jack Crider <jcrider@humboldt看bay.org>
Subject: Casey Allen 3rd District Application

Hi Jack, I have decided to throw my hat into the ring for Mike Wilson's Harbor Commission seat. Attached is my application. Please let me know if there is anything else I can provide.

Thanks much,

CASEY

October 20, 2016

Humboldt Bay Harbor, Recreation, and Conservation District
Board of Commissioners
PO Box 1030
Eureka, Ca. 95502

RE: Request for appointment to vacated 3rd District Harbor Commission seat

Dear Harbor Commissioners,

I have great admiration and respect for all our elected officials. The important work you do is often second guessed and thankless. I have not desired to run for office in the past, but now that has changed. Because of an overwhelming amount of encouragement from friends, family, and other interested parties, I have agreed to pursue a seat on the Harbor District Commission representing the 3rd District and all of the people of Humboldt County.

Before I explain why I believe I will be an effective Harbor Commissioner, a little about my background. I have a long recreational history with Humboldt Bay, that started when I was 16, hunting ducks along the shores of North Bay. I have hunted, fished, and boated every foot of Humboldt Bay during the last 46 years. I have seven boats between 8 and 16 feet because I believe you need a boat for every application. I retired in 2011 from AT&T, after 37 years, as the Construction Manager and Contract Administrator and spent the last 20 years of my career in various leadership roles. More information about my AT&T career is detailed in the attached pages.

Since 2009, I have performed volunteer work for Humboldt Area Saltwater Anglers (HASA) as the Public Information Officer and past president. I am responsible for publishing the quarterly HASA Newsletter and managing our website (humboldtasa.com) and Facebook page. I am HASA's lead on the Humboldt Bay Artificial Reef Project and represent the organization in the North Coast MPA Collaborative. I am very proud of my role at HASA and the success we have experienced in the community and in fishery management and research. I am currently looking forward to starting my second term on the Humboldt Harbor Safety Committee representing recreational boaters. I used my HASA connection with the community to inform boaters about the no wake zone and the importance of minding your wake. I also created a flyer warning boaters about the dangers of the extreme shoaling at the entrance of the bay and delivered it throughout the county and online. Thankfully, there were no reported incidents related to the hazard even though it was during the start of the ocean fishing seasons. I am chair of a committee that is working on paddle craft safety information in an effort to avoid conflicts between paddle craft and larger vessels.

Earlier this year, I was appointed to the Humboldt County Fish and Game Advisory Commission by County Supervisor Virginia Bass. I used my ability to visualize a solution when I wrote the support letter for the artificial reef option for long term sediment management to abate shoaling in the entrance of Humboldt Bay. The letter was endorsed by the Fish and Game Advisory Commission and the HASA Board of Directors.

Although no longer active, I was a member of the Humboldt Harbor Working Group to promote the Artificial Reef Project and my cargo airship business, Humboldt Air-Connect LLC. I started the business in response to the efforts of community members promoting an east/west rail line that would re-vitalize commerce in the harbor. Heavy lift cargo airship technology companies experienced funding cuts by the federal government because of the downsizing of efforts in the Afghanistan war. NASA was tasked with marketing the technology in the public sector. I started the business and assembled a Board of Directors that included Robert Burger (finance), Ken Davlin (engineering), Paul Jerland (transportation), and Charlie Holthaus (forest products). I attended a cargo airship conference in Anchorage, Alaska and met representatives from every airship manufac-

turing company in the world, including Lockheed and Northrop Grumman. I was one of the few to present a marketing plan which proposed using cargo airships to haul containers from the rail in Red Bluff to a ship in Humboldt Bay. All the manufacturing companies were very interested in the prospect. After almost two years of engagement with various companies we came close to an agreement with Northrop Grumman only to learn at the last minute that heavy lift cargo airships were still a long way from reality. I was very disappointed and felt misled. The airship industry was trying to survive and badly needed funding to continue research and development. We were forced to dissolve the business because the airship industry would not be able to perform our task for many decades, if ever. Personally, it was an interesting, confidence building experience.

If appointed to the Harbor Commission I will bring the experience, energy, and efforts as described above. I will bring a quiet and sensible leadership style that will enhance the Board's excellent record. I spend a lot of time defending the Harbor District (successfully) and I find that is because of misinformation and rumors. I admire the District's successes at the former pulp mill, bay dredging, and the Shelter Cove launch management efforts.

I don't believe the Commission is doing a good job telling the story. If appointed, I intend to use my writing skills to tell the District's success stories and explain the challenges. I will use my main strength, relating with people, to foster a confident and productive affiliation with the community. Everyone knows there is great potential in Humboldt Bay both recreationally and economically and we need the ability to bring diverse groups together to realize it.

I have the time, experience, and desire to help the Harbor District become a model of success and a respected community asset. I had a perfect attendance record over my 16 year AT&T management career and I can pass a drug test.

James Casey Allen

62 years old
married to Marlene 37 years
one son, Sean, 35 years old



EDUCATION

Arcata High School graduate.
AT&T University “Leading with Distinction” series of courses.

INTERESTS & HOBBIES

Interested in public service promoting the preservation and enhancement of outdoor recreational activities.

Hobbies include hunting, fishing, diving, Springer Spaniels and endurance horses.

PADI Diver certification since 1978.

Member of:

- Outdoor Writers of America
- Redwood Empire Endurance Riders
- North Coast MPA Collaborative

2012

HASA President

Humboldt Area Saltwater Anglers
Lead for HASA on fishery related issues including the Humboldt Artificial Reef Project.

2008—Present

HASA Director and

Public Information Officer

Write, edit, and publish HASA's newsletter, manage website and social media, write letters to elected officials, and prepare public service announcements. Attend agency meetings to provide public input representing HASA member views.

PROFESSIONAL HISTORY

1974—2011 Contract Administrator, Construction Manager with AT&T

Started in 1974 as an AT&T/Pacific Bell operator in Eureka. 1978 promoted to Floor Supervisor. 1979 transferred to Construction Splicing. 1985 promoted to Maintenance Splicing. 1996 promoted to Installation and Maintenance Department Manager supervising 30 technicians and managing a fleet of trucks while meeting customer appointments.

Assigned a management staff position in 2000 which involved commuting to Chicago and San Antonio. Was on a team that conducted surveys, developed process improvement, held trials, wrote classroom material, and conducted classes for AT&T managers. Was assigned Construction Manager in 2003 with 10 employees covering Humboldt County. Was responsible for the new fiber optic broadband cable and copper aerial and underground construction and for emergency replacements due to storm, vehicle, and other damage.

Was responsible for safety in a highly dangerous working environment. Conducted regular, documented safety meetings resulting in an accident free five year period before retirement.

Administrative duties included documenting employee performance and holding performance discussions; managing attendance and workman's compensation claims; managing commercial motor vehicles, tools, and material; maintaining a safe work facility and meeting environmental protection and hazardous waste requirements. Proficient with computer software.

Promoted to Contract Administrator in 2009 covering Humboldt, Lake, and Mendocino Counties. Reviewed jobs, wrote bids, inspected contractor work, and approved payments. Some projects were worth millions of dollars. I retired in 2011

2005—2012 Freelance Outdoor Writer/Photographer

Wrote a weekly outdoor column for the Times-Standard newspaper in Eureka for three years. Contributed articles and photos to MyOutdoorBuddy.com and various nonprofit newsletters. Have published over 200 articles covering outdoor sports, destinations and the issues facing the sporting community. Currently working with DIY Fishing.com promoting Humboldt County outdoor recreational tourism.

2008-2013 Board of Directors, California Ships to Reefs, Inc.

This nonprofit organization works to use old ships for artificial reefs and lobbies to re-energize California's statewide reefing program. As a board member, I attend regular meetings and conference calls to discuss strategy, implementation, and funding. I worked trade show booths to promote the organization's goals and gave presentations to interested groups.

2014-Present Member Humboldt Harbor Safety Committee

Representing recreational boaters

2016-Present Humboldt County Fish and Game Advisory Council

Appointed by County Supervisor Virginia Bass

My AT&T Experience

I am going to chronicle here those experiences that influenced the development of my leadership skills. I am not going to address the technology skills I acquired except to say I was there through open wire and party lines, to twisted copper cable and digital multiplexers, and fiber optic cable. I was the first fiber splicer in Humboldt County and one of the few technicians willing to ride a chair car across rivers and canyons to fix things like bullet holes.

I could not afford college and was hired by AT&T (Pacific Telephone) when I was 19 years old. I called the employment office every other Monday for a year. My persistence paid off and I started as a long distance and directory assistance operator. This was likely the most important period in my life. I was one of a few male employees working with around 80 female operators. I learned all about sexual harassment long before it was required training. After four years in that position I was gender neutral and racially color blind. I left the department as a floor supervisor, not a salaried management position, but still a leadership role.

I was transferred to the Construction Department as a cable splicer. It was quite a contrast in jobs. I had to continually prove my manhood, which I did with persistence, intelligence, and fearlessness. I accepted every assignment, every danger, and every hour of overtime, until I earned the respect of my supervisors. Those supervisors are still my best friends today.

My natural leadership skills surfaced during this time and I was asked to take temporary assignments. The first was during a union work stoppage or strike. I was able to withstand the ridicule of my co-workers for abandoning them in their hour of perceived unity. Most understood that what happened in Humboldt County had no bearing on the national negotiations and they realized this was my chance to obtain my natural position in an official leadership role.

My second opportunity came when an existing manager lost his cool with a combative crew. Humboldt County managers often supervised multiple crews because of our size, remoteness, and natural turnover. He was charged with harassment for the language he used trying to motivate the technicians to do what was asked of them. They were a highly trained, highly paid, specialty crew who did not have enough work to justify their existence. When asked to perform work lower than their station they revolted. I supervised them on a temporary basis for almost two years. I convinced them to do what was asked and made up reasons why it was in their best interest to do so. I cited the needs of the community, their own families, and their fellow telephone employees. It was an extremely challenging time and I had mixed results, but overall successful because I was again, persistent, intelligent, and fearless.

I will never forget the time I was loaned to San Jose to help train new maintenance splicers in fault locating. I was moved when I walked into a large room with over 100 people who were from every ethnicity on Earth. All that mattered was how to find cable faults and I wondered where else on Earth could you find that kind of compatible diversity.

I was finally permanently promoted to management in 1996. There was an early retirement offer for managers and suddenly I found myself in charge of three crews totaling over 30 installation, maintenance, and construction technicians. That is when I learned to delegate duties to new candidates for management. Three of my choices for development were eventually promoted.

This was when I adopted the motivational mantra that we were serving our friends, family, and the community, and if we did a poor job everyone would know it. We soon received many internal service awards and outperformed every other district in Northern California. My favorite success was in safety. We had a poor safety record with motor vehicle accidents the main contributor. Thinking outside the box, I issued every technician a rabbit's foot. I explained that I do not believe in lucky charms but the rabbit's foot symbolizes the be-

lief that along with following safety practices, it takes a little luck to avoid accidents. I asked them to hang the rabbit's foot on the dash of their truck, next to their "think safety" sticker, or on their rear view mirror. It might serve as a subtle reminder. As a result, we went over five years without a single incident.

During my time as construction manager, planning and budgeting went hand in hand. Each year we would plan to complete a number of construction jobs based on customer orders, maintenance, and public works projects. Each year the budget would be cut, forcing us to re-visit and change our plans. I was not allowed much input in these high level budget cuts but I had everything to do with operating under them. I would prioritize the jobs, postponing all or part of those jobs that were not urgent. I would look for ways to complete jobs without impacting the budget. I was able to borrow technicians from other departments that had the capacity to help, which also helped them during a slow time. I would send jobs to bid that would often come in at a lower price, allowing us to complete more jobs under the restricted budget.

My leadership successes awarded me with an assignment to a staff position in 2000. I commuted from Humboldt County to Chicago, Austin, and San Antonio where my team developed new practices for managers using ruggedized laptop computers and software in a mobile office in their trucks. This allowed managers to visit technicians on the job with all the data to inform and enhance performance with little impact to productivity. We developed practices, software, wrote training, and delivered methods to improve management-employee relations while improving customer service.

I turned down two promotions to middle management because of my love for Humboldt County. My travels taught me how special our area is and I do not want to live anywhere else. All of my previous experience helped me to obtain the highest level of management in Humboldt County in 2008. That was Contract Administration. I was now in charge of managing projects that involved contract construction companies, other utility companies, and government agencies. I was no longer managing employees but peers in other organizations. My 37 year career with the phone company provided me an education that surpasses any college curriculum. I am totally confident that this practical education positions me to be one of the most qualified and desired candidates to be an effective leader on the Humboldt Bay Harbor Commission.

David R. Narum

November 14, 2016

Jack Crider, Executive Director
Humboldt Bay Harbor, Recreation and Conservation District (HBHRCD)

Mr. Crider:

I am interested in the HBHRCD Commissioner position being vacated by Mike Wilson. I have attached a short resume. Over the past 16 years here in Humboldt County I have participated in multiple local and regional community development activities. Among other things, my experience includes working as a community development planner at Planwest Partners (Arcata), and as an economic development consultant at Greenway Partners (Arcata). I also have an academic background as a professor at HSU (and elsewhere) in many disciplines relevant to the Harbor Commission (including engineering, economics, geography, and environmental studies). Currently I work for the Blue Lake Rancheria Tribal government, where my work focuses on energy, education, and economic development projects.

I have considerable experience with program development, management, and implementing and evaluating programs. I have participated in and co-led strategic planning processes, conducted feasibility studies, and helped to develop many policy and planning documents related to community and economic development.

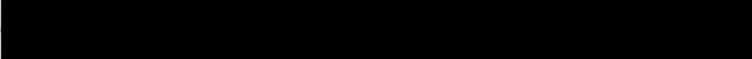
I do not have direct experience in maritime transportation, recreation, or commercial fishing, but I do have a strong understanding of planning, business, government administration, and other areas applicable to the position. My approach to the Commissioner position would be to strive to thoroughly understand the issues and to seek a balance between economic, social and environmental concerns, reflecting as best I can the needs of relevant constituencies.

Please let me know if you have any questions.

Best regards,



David R. Narum

David R. Narum, 

Resume

David R. Narum, Ph.D.

Professional Experience

- 2015 – Project Manager, Department of Energy and Technologies, Blue Lake Rancheria Tribal Government (Blue Lake, CA).
- 2000 – present, Adjunct Professor and Research Associate in Environmental Resources Engineering, Humboldt State University (Arcata, CA).
- 1995 – present, Private Consultant (community and economic development; economic/statistical analysis; grant writing; education, energy and environmental program development, implementation and evaluation; community and land use planning; writing and editing).
- 2010 – 14, Steering Committee, Learning Spaces Collaboratory (Washington, D.C.)
- 2008 – 13, Principal, Greenway Partners (Arcata, CA).
- 1998 – 09, Assistant Director, University-National Park Energy Partnership Program.
- 2007 – 08, Senior Planner, PlanWest Partners (Arcata, CA).
- 2006, Visiting Professor, Environmental Studies, St. Olaf College (Northfield, MN).
- 2000 – 06, Lecturer, Economics, Geography, and Environmental Systems. Humboldt State University (Arcata, CA).
- 1997 – 99, Research Assistant Professor, James Madison University (Harrisonburg, VA).
- 1995 – 97, Assistant Professor, Human & Natural Ecology, Emory University (Atlanta, GA).
- 1990 – 95, Senior Energy Analyst, Wisconsin Energy Conservation Corp. (Madison, WI).
- 1986 – 87, Associate Editor, *Fins and Feathers* Magazine (Minneapolis, MN).
- 1985 – 86, Research Associate, Gelbach Lee Communications (St. Paul, MN).

Education

Ph. D. (1994), Environment and Resources, University of Wisconsin-Madison. Research Areas: Environmental Policy and Planning, Land Use Law, Property Rights. Dissertation: *Whose Property is This Land? The Individual and Collective Dimensions of Land Ownership*.

Master of Science (1990), Energy Analysis and Policy, University of Wisconsin-Madison. Research Areas: Energy Policy, Energy Efficiency, Renewable Energy. Thesis: *A Troublesome Legacy: The Reagan Administration's Conservation and Renewable Energy Policy*.

Bachelor of Arts (1985), Philosophy and Religion, St. Olaf College.

Community Involvement

- 2014 – Tenor, A Company of Voices, a Humboldt County chamber choir.
- 2012 – Advisor, Education Initiatives, Appropedia Foundation (501(c)(3) non-profit).
- 2012 – 14, Member, Society of College and University Planners (SCUP).
- 2011 – 14, Member, Humboldt County Workforce Investment Board.
- 2010 – 14, Member, Humboldt County Office of Education, Decade of Difference, Youth Entrepreneurship and Innovation Committee.
- 2009 – 13, Advisor, “Economic Fuel” Competition, Humboldt County.
- 2009 – 13, Member, Plan It Green (501(c)(3)), Nonprofit Board.
- 1998 – 12, Youth Soccer Coach (25 teams).
- 2009 – 11, Member, Arcata City Economic Development Committee.
- 1998 – 10, Weekly School Volunteer.
- 2009, Humboldt Bay Municipal Water District Citizen’s Advisory Committee.
- 2007 – 09, Member, Fuente Nueva Charter School, Charter Council.
- 2007 – 08, Member, Design Committee for Humboldt Bay Center for Sustainable Living.
- 2000 – 05, Member, Arcata Educational School District Board of Trustees.
- 2000 – 02, Member, City of Arcata Energy Committee.

Publications/Reports/Other

- Narum, David, Ganion, Jana, and David Carter (2016), "Developing a Low-Carbon Microgrid on Tribal Lands: A Case Study," Proceedings of the 2016 Conference of the American Council for an Energy Efficient Economy (ACEEE), Asilomar, California.
- Narum, David (2013), "The National Marine Research and Innovation Park," Conceptual Plan, Humboldt Bay Harbor Recreation and Conservation District/Humboldt State University.
- Co-editor (2013), "Planning for Assessing 21st Century Learning Spaces for 21st Century Learners," Learning Spaces Collaboratory. Funded by the National Science Foundation.
- Co-editor (2012). "Cognition in Context: How Space Affects Learning and Creativity in the Undergraduate Setting," Learning Spaces Collaboratory. Funded by the Sloan Foundation.
- Narum, David, et al. (2011), "Developing the Seedbed for Arcata's Emerging Entrepreneurs: A Report of the City of Arcata Cluster-Based Business Incubator Feasibility Study," Greenway Partners, Arcata, California. American Planning Association California Chapter, Grassroots Initiative Award of Merit, 2012.
- Narum, David R. and Susan Whitmer (2010), "Learning Spaces for Innovation," National Collegiate Inventors and Innovators Alliance 2010 Open, Washington, D.C.
- Narum, David, Steve Salzman and Kirk Cohune (2009). Feasibility Study and Business Plan for the Yurok Tribe Sustainable Fishing Industry, Greenway Partners, Arcata, California.
- Narum, David (2008). Alternative transportation component of the Humboldt County Association of Governments (HCAOG) 2008 Regional Transportation Plan. PlanWest Partners.
- Narum, David (2007). Transportation-related planning sections for the Humboldt County General Plan Update Community Infrastructure and Services Element. PlanWest Partners.
- Cashman, Eileen, Brad Finney, and David Narum (2002), "TMDLs and the Electric Power Industry: the Challenge of Atmospheric Deposition." Total Maximum Daily Load (TMDL): Environmental Regulations, Proceedings of 2002 Conference, American Society of Agricultural Engineers.
- Narum, David and Dan York (1996), "Lessons and Legacy of Integrated Resource Planning," Proceedings of the 1996 Conference of the American Council for an Energy Efficient Economy, Asilomar, California.
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