



# Bristol Bay Report

Bristol Bay Fishermen's Association

November 2019 

## Record \$306 Million Season

**H**ello BBFA Members,  
As we wrap up a great season in Bristol Bay, we are already looking ahead to 2020. We have a peak sockeye cycle coming. As fishermen, we can embrace our good prospects for next season.

Sockeye markets have expanded and are robust. We had a record ex-vessel value of \$306 million for sockeye leaving the Bay. Cold sockeye have become the norm, and not the exception, without which our robust markets would simply not exist.

A concern though is pre-spawn mortality due to 70+ degree water temperatures in the fresh water habitat, that is a new trend for Bristol Bay. And, of course, we have the proposed open-pit Pebble Mine as a top priority. Should it ever be developed, it would drive a stake right into the heart of Bristol Bay.

I am heartened to see that a legal shot has been fired across the bow of the permitting process for Pebble Mine. Multiple complaints, with numerous plaintiffs including the BBRSDA, have been filed in Anchorage's Federal Court against the EPA. (See page 5).

Thanks to Jeff Parker, BBFA's environmental attorney, for tirelessly working on our behalf on all of the legal issues pertaining to Pebble and large-scale mining. He submitted an extensive comment to the Army Corps of Engineers relating to the Corps Environmental Impact Statement for BBFA.

My message to members and non-members is to realize that the greater our BBFA numbers, the larger our legal footprint.

### BBFA Board of Directors Election Results

Welcome to our new board member Luke Peterson, F/V Lulu. Luke has a master's degree in Marine Biology and is a career-oriented fisherman.

Stop by to visit BBFA's booth at Fish Expo.

*David Harsila, BBFA President*



## Naknek/Kvichak Post Season Report

**I** surveyed the Kvichak drainage on August 26 and 27. It looked like most of the streams had about 50 to 60% of the normal water flow. That made seeing fish easy, but reduces the overall spawning habitat.

The distribution and densities were better than I had expected based on the low count (2.4 million) at the Kvichak tower and the warm water that occurred this summer.

Iliamna River continues to be the biggest producer as this has been the case for most of the past ten years. The Gibraltar system also had good numbers.

I know there was some concern for Copper River because of the warm water, but the fish did make it in the river and were spawning all the way up to the waterfall. I estimated a little over 100,000 sockeye in the Copper River, which is on the low end for what we have seen in the past 15 years.

Knutson Creek had a lot fish of stacked up in it. Pedro Creek had a lot of fish stacked up at the mouth and it looked like they were waiting for more water to move up into the ponds. The Tazimina River escapement was in the middle of the range of what we have seen in the past. Escapements in Lower and Upper Talarik Creeks were about average and the Middle Talarik Creek was low. The number of spawners on most of the islands was relatively low.

The Naknek River tributaries had good spawning activity going on throughout the drainage as would be expected with a Naknek tower count of 2.9 million. Wolverine and Margot Creeks had the highest number of spawners that we have seen. The rest of the tributaries had numbers within the range of what we have seen in the past.

The Alagnak tower counted 820,000 sockeye and the fish were distributed nicely throughout the entire drainage.

There was some pre-spawn mortality observed in the lower Naknek, Kvichak, and Alagnak rivers in July as the fish were entering fresh water. We don't have a solid estimate on the number of fish that suffered pre-spawn mortality, but I suspect the total number was low relative to the number of fish that escaped in these rivers.

Most of the mortality observed was below the tower sites. I did not see evidence of pre-spawn mortality on the spawning grounds during the aerial surveys.

*Travis Elison,  
ADF&G Manager for Naknek/Kvichak*

# 2019 Season Summary

2019 ADF&G Bristol Bay Sockeye Salmon Summary						
Millions of Sockeye Salmon (Preliminary)						
DISTRICT River	Predicted Harvest	Actual Harvest	Predicted Escapement	Actual Escapement	Predicted Total Run	Actual Total Run
<b>NAKNEK-KVICHAK</b>	<b>7.84</b>	<b>11.35</b>	<b>7.68</b>		<b>15.53</b>	<b>17.46</b>
Kvichak	2.69		4.00	2.37	6.69	
Alagnak	1.54		2.28	0.82	3.82	
Naknek	3.61		1.40	2.91	5.01	
<b>EGEGIK</b>	<b>7.04</b>	<b>14.8</b>	<b>1.70</b>	<b>2.34</b>	<b>8.74</b>	<b>17.14</b>
<b>UGASHIK</b>	<b>2.38</b>	<b>1.02</b>	<b>.95</b>	<b>1.55</b>	<b>3.33</b>	<b>2.57</b>
<b>NUSHAGAK</b>	<b>7.97</b>	<b>14.78</b>	<b>2.02</b>		<b>9.99</b>	<b>17.82</b>
Wood	3.47		0.98	2.07	4.45	
Igushik	1.25		0.28	0.26	1.52	
Nushagak	3.26		0.77	0.71	4.02	
<b>TOGIAK</b>	<b>0.87</b>	<b>1.01</b>	<b>0.23</b>	<b>0.35</b>	<b>1.10</b>	<b>1.36</b>
<b>BRISTOL BAY</b>	<b>26.11</b>	<b>42.97</b>	<b>12.58</b>	<b>13.38</b>	<b>38.70</b>	<b>56.35</b>

## Bristol Bay Season Report

Egegik's harvest went well beyond the pre-season forecast. The last daily run summary put its total harvest at 14.7 million – the largest in the bay this summer, and the third largest harvest in the history of the district.

According to Curry Cunningham, a biologist with the University of Washington, that was due to an unusually high return of age 1-2 fish to the district.

“Our preseason forecast for the Egegik District had about 38% 1-2s,” he explained. “But the observed return exhibited a much higher proportion of 1-2s, so about 74% 1-2s in the catch and 85% 1-2s in the escapement.”

There was a similar pattern in the Nushagak. 1-3s were expected to make up three quarters of the run due to the high 1-2 production last year. That suggests that fish hatched in 2014 had good survival conditions.

“But in reality what we saw in the Nushagak District was a fairly even mix of 1-2s and 1-3s,” Cunningham said.

This is the third year of big returns for 1-2s. Over the past decade, the average return for that age class has been around one third of the total run. But in 2017, the 1-2 return ticked up 53%, and last year that number rose to 58%.

Nushagak Chinook Escapement: 46,763  
Escapement Goal Range: 55,000-120,000

“So we’ve seen over the last three years, basically, higher production of that 1-2 age class, suggesting fish have done fairly well during their first two years at sea, and are returning at two years rather than three years in the ocean,” Cunningham said.

Biologists are still trying to understand why the fish have been doing so well in the ocean. According to Cunningham, warmer freshwater can have a positive effect on survival rates for salmon.

Warmer years bring earlier ice-outs, a longer growing season and more food for juvenile salmon. That could increase the size of the young salmon swimming out to sea.

“At a larger size, they might be better able to avoid predators, find food, and may have higher survival overall,” he said.

After a certain point, the temperature can negatively impact survival in both freshwater and marine environments. Still, increased temperature in freshwater habitat has been beneficial for the 1-2s returning over the past three years...

*Isabelle Ross, KDLG, 7/31/19*

## Another Bumper Season

This season's total run came up short of 2018's all-time record of 62.3 million sockeye, but fishermen were able to catch a higher percentage of the total run, with all districts still easily reaching their escapement goals.

Final figures will not be available for months, but it stands to reason that the higher catch and higher base should eclipse last year's record-breaking ex-vessel price of \$281 million for all salmon species.

Tim Sands, the area management biologist for the Nushagak and Togiak districts, said the Nushagak district clocked in with the second-biggest harvest on the third-biggest run of all time.

“Things went well. We harvested a far higher percentage of the fish this year. We didn't have as many as the big ocean fish this year, but the fishermen have dialed down their gear to catch those smaller fish,” Sands told SeafoodSource.

Sands added that a string of uncharacteristically warm, calm weather made for easier fishing, which equated to easier management.

“The lack of [bad] weather just allows us to be more efficient. In 2017, we had a total run of 20 million and we only caught 12 million. This year we only had 18 million but caught 14 [million] of them,” Sands added....

...Despite the bumper season, there are question marks about Bristol Bay's future. Last week, the Environmental Protection Agency stripped protections for the region's watershed put in place by the Obama administration, opening the door for a massive gold and copper mine near the headwaters of the fishery's most productive river system...

...Jordan Head, ADF&G's assistant area management biologist to Sands, said the Igushik River registered at 24 degrees Celsius (75 degrees Fahrenheit) this summer. Head showed video that he had taken up the Igushik River of the banks of the river lined with dead sockeye, which he estimated topped 100,000 fish.

*Brian Hagenbuch, Excerpted from SeafoodSource, 8/9/19*

# Markets and Prices

## Record sockeye salmon catch drives sales for grocers

Following a record harvest of 43 million salmon, retailers including H-E-B, New Seasons, QFC, Rosauers and Wegmans have reported sales increases of Bristol Bay Sockeye Salmon this year, according to a press release from the BBRSDA.

BBRSDA organized retailer-specific promotions to boost sales of the fresh sockeye salmon this summer, including in-store training, point-of-sale materials and additional digital marketing and promotions.

Wegmans saw an increase of 18% in sockeye sales across its 99 locations, with individual locations reporting a sales lift of as much as 244% from last year. Rosauers, located in the Pacific Northwest, got an 80% lift in sales compared to last year.

This year's catch of sockeye salmon was the second-largest season ever recorded, allowing BBRSDA to supply markets across the country with fresh salmon. BBRSDA's accompanying marketing and promotions program was key to driving sales for grocers nationwide, helping to generate excitement among customers and keep fresh fish moving through seafood cases.

BBRSDA represents more than 1,800 fishermen working in Alaska's Bristol Bay. The association says it is the most valuable wild salmon fishery in the world, and accounts for nearly half of the world's sockeye salmon harvest.

BBRSDA says it's committed to sustainable practices and protecting the habitat of the bay to make sure the quality of seafood remains high and the catches abundant.

New Seasons Market's seafood category manager said in a statement that customers wait all year for sockeye salmon season, and line up early to watch the fish get cut and wrapped fresh. New Seasons has been offering its sockeye promotion since 2013, and has more than doubled its sales volume since then, according to the press release.

Retailers remain focused on sustainable seafood and selling Bristol Bay Sockeye Salmon aligns well with that effort. Aside from BBRSDA partners, Publix recently added new labels to its seafood section reflecting its compliance with standards from the Sustainable Fisheries Partnership and the Global Sustainable Seafood Initiative. Roche Bros. posts a sheet every day with QR codes that customers can use to learn more about where their fish was caught.

2019 Bristol Bay Ex-Vessel Salmon Prices			
Processor	*Sockeye Base Price/lb.	RSW/lb.	Additional adjustments:
Alaska General Seafoods	\$ 1.35	\$.20 (chilled/floated)	Setnet: 10¢ for bleeding
Big Creek Seafoods	\$1.00		Big Creek has promised \$1.35.
Coffee Point Seafoods	\$1.35		
Copper River Seafoods	\$1.35*	*	*All fish are iced and bled.
Ekuk Fisheries	\$1.35**	**	**All fish are iced and bled.
Icicle	\$1.35		
Leader Creek	\$ 1.35 (\$1.50 after 7/21)	***	***15¢ for best fish (under 39°, floating, less than 500 pound brailers.) 10¢ for bled fish; 2¢ for salmon slide
North Pacific Seafoods	\$ 1.35 (\$1.50 after 7/20)	\$.20	5¢ for floated chilled fish
Ocean Beauty	\$ 1.35	\$.25 (chilled/floated)	5¢ for bled fish; (Early and late fish: 10¢ for bled)
Peter Pan	\$ 1.35		5¢ for floated fish;
Silver Bay Seafoods	\$ 1.35 (\$1.50 starting 7/21)	\$.20 (chilled/floated)	12¢ for fish mat or slide
Trident	\$ 1.35		
*Prices collected from fishermen by BBFA. Contact office if you have more information or to make a correction. Copyright © 2019 by BBFA.			

According to the Food Marketing Institute's Power of Seafood report released this year, only 21% of adults eat seafood twice a week. Less than 30% of seafood consumers consider themselves well-informed about seafood products and report wanting to learn more about how to cook seafood, what

nutritional benefits it offers and different species and types. Programs like Bristol Bay's are useful for retailers to make sure their employees are properly trained and can help customers purchase seafood with confidence.

*Jessica Dumone,  
Grocery Dive, 8/16/19*



*Sam Mercurio and crew on the Quicksilver*

# Problems with Pebble

## Corps of Engineers Barrel-Ahead on Pebble Permit

During a press conference yesterday, the U.S. Army Corps of Engineers (USACE) said they will not seek public input or further scrutiny on at least ten major changes to the Pebble Mine permit application.

On August 12, the Pebble Limited Partnership (PLP) delivered a memo to the USACE with ten changes to its most recent project proposal as part of its Clean Water Act Section 404 permit application.

The latest effort to reduce transparency in the process triggered a collective call from Bristol Bay fishermen, Tribal leaders, and others to suspend the process entirely.

The latest round of changes include a new transportation route, new locations for major water treatment infrastructure at the mine site, and a new location for water used in mine operations to be discharged.

Changes to the plan with no opportunity for public input further disenfranchises stakeholders who are dependent on the region's natural resources and limits the ability for scientists to adequately review the project, Bristol Bay leaders pointed out in a press release issued today.

"These project changes only reinforce that the Pebble Partnership was not prepared to go into permitting and the Corps should not have accepted their incomplete application in the first place," said Norman Van Vactor, CEO of Bristol Bay Economic Development Corporation.

"From day one, the Corps has made exceptions for the Pebble Partnership, lowering the bar for them at the expense of Bristol Bay's residents, fishermen, tribes, and other stakeholders. We deserve to know what the Pebble Partnership's real plans are and to have an opportunity to comment on what the impacts will be on our communities, health, and livelihoods. In short, we deserve a fair and transparent process — and this is not it."

"This changes everything and it changes nothing," said Rick Halford, a Bristol Bay advocate and former Republican Senate President.

"As the EPA's watershed assessment shows, this project cannot be done without harming the Bristol Bay fishery because of three unchangeable facts: location, type and size. No amount of design modification can change those facts. The Pebble project remains the wrong mine in the wrong place."

"This design for a segmented small fraction of the real mine mocks the principals of the Environmental Impact Statement process. Its details are so fake that moving a complete port facility fifty shoreline miles up Iliamna Lake is considered minor. For the political process to push the professionals in the Army Corps of Engineers to even accept this application as complete is shameful," Halford said...

*Peggy Parker, SeafoodNews.com*  
9/18/19

## EPA Dropped Salmon Protection after Trump Met with Alaska Governor

The EPA told staff scientists that it was no longer opposing a controversial Alaska mining project that could devastate one of the world's most valuable wild salmon fisheries just one day after President Trump met with Alaska's governor, CNN has learned.

The EPA publicly announced the reversal July 30, but EPA staff sources tell CNN that they were informed of the decision a month earlier, during a hastily arranged video conference after Trump's meeting with Gov. Mike Dunleavy. The governor, a supporter of the project, emerged from that meeting saying the president assured him that he's "doing everything he can to work with us on our mining concerns."

The news came as a "**total shock**" to some top EPA scientists who were planning to oppose the project on environmental grounds, according to sources. Those sources asked to remain anonymous for fear of retribution...

**...EPA insiders tell CNN that the timing of the agency's internal announcement suggests Trump was personally involved in the decision.**

Dunleavy met with Trump aboard Air Force One on June 26, as the President's plane was on the tarmac in Alaska. The President had stopped there on his way to the G20 summit in Japan.

A controversial mining project in Bristol Bay, Alaska, that was all but killed by the Obama administration is now moving forward under President Trump's EPA.

Four EPA sources with knowledge of the decision told CNN that senior agency officials in Washington summoned scientists and other staffers to an internal videoconference on June 27, the day after the Trump-Dunleavy meeting, to inform them of the agency's reversal. The details of that meeting are not on any official EPA calendar and have not previously been reported.

Those sources said the decision disregards the standard assessment process under the Clean Water Act, cutting scientists out of the process...

...Some current and former EPA officials say the decision to remove the Clean Water Act restriction ignores scientific evidence. The decision follows a series of regulatory rollbacks and political appointments within the Trump administration's EPA that have been criticized by former EPA administrators as favoring industry interests over the environment...

...immediately after Trump met with Dunleavy, EPA officials received an invitation from EPA headquarters to attend the video conference the next day, June 27.

During that video conference, EPA General Counsel Matthew Leopold said that a decision had been made to lift the restriction on the Pebble Mine proposal and that no further consideration of the matter was needed, sources said.

"I was dumbfounded," an EPA insider said. "We were basically told we weren't going to examine anything. We were told to get out of the way and just make it happen."...

*Scott Bronstein, Curt Devine, Drew Griffin and Ashley Hackett, CNN, 8/9/19*

## Lawsuits

### Lawsuits Filed Against EPA

One day after five regional groups representing Alaska Natives, commercial fisherman, and economic development organizations filed a suit, (BBRSDA, BBEDC, BBNA, UTBB, BBR) several environmental groups filed two separate lawsuits today alleging that the EPA violated environmental laws...

...Like the lawsuit brought by the five organizations representing local and commercial fishing interests, the Trout Unlimited suit alleges the EPA violated the Clean Water Act and the Administrative Procedures Act when it overturned a Proposed Determination ruling that had halted the progress of the mine.

"The proposed Pebble mine is widely opposed by anglers and hunters across Alaska and the country. This lawsuit is a step to hold the EPA accountable to their own science and American sportsmen and women, not a foreign-owned mining company," Alaska director for Trout Unlimited said in a release.

Trustees for Alaska, a legal non-profit that does work for environmental and Indigenous groups, filed a similar suit today over the withdrawal of the proposed determination.

The groups are the Alaska Center, Alaska Community Action on Toxics, Alaska Wilderness League, Cook Inletkeeper, Defenders of Wildlife, Friends of McNeil River, McNeil River Alliance, National Parks Conservation Association, National Wildlife Federation, SalmonState, Sierra Club, the Natural Resources Defense Council, Earthworks and Wild Salmon Center.

The group SalmonState went one step further and called for the EPA General Counsel Matthew Leopold to resign. Leopold wrote the June 26 memo that led to the withdrawal of the Proposed Determination, according to SalmonState.

Mike Heatwole, vice president for public affairs for the Pebble Partnership, dismissed the suits, saying that the EPA's preemptive veto was "bad public policy". The charges here are clearly without merit," he said, "As such, we believe it will be dismissed."

*KTUU, 10/9/19*

## Bristol Bay Borough Tax?

### Voters to Decide on Tax

*The Bristol Bay Borough's general election was postponed. It was originally scheduled for Oct. 1. A special election is scheduled for November 5th.*

The Bristol Bay Borough has a problem. In the summer, its population of under 1,000 residents increases exponentially, as processors, fishermen and cannery workers travel to work in the fishery. That puts a lot of strain on the outdated sewer system, including how much wastewater the sewage lagoon can hold.

"The end of May we waited till as long as we could, then we discharged the Naknek lagoons," said Public Works Director Roylene Gottschalk, speaking at a borough assembly meeting last month. **"We were at nearly four times the capacity at some points.** So it did put stress on the system."

A proposed fisheries business tax is aimed at fixing that problem. The borough assembly voted unanimously last month to put it on the ballot in the borough's upcoming election.

The measure would place a 1.5% tax on processed fish. That would impact processors in King Salmon, Naknek and South Naknek. Money collected by the tax would help pay for updates to the sewer system, which the borough estimates will cost a total of around \$30 million.

"We provide the infrastructure and the wastewater system for about 10 major fish processors in the Bristol Bay Borough," said Gregg Brelsford, the borough manager. "And over the years, the industry has expanded up to the limits of the wastewater system."

In order to accommodate the expanding industry, the borough's plans include enlarging pipes and updating pump stations and electrical systems.

Exactly how much revenue the tax would generate depends on how many fish return in a given summer. Based on the past several years, Brelsford estimates the tax would generate about \$3.5 million a year.

But the tax is controversial. Processors who spoke at the assembly meeting

weren't happy about the strain it would put on them. John Lowrance works for Silver Bay Seafoods. He said while Silver Bay recognizes the need for improved facilities, they hadn't had enough notice to review the issues surrounding the tax.

"Cause, make no mistake, if you're going to tax the processors, you're taxing the fishermen. That's where it's going. It's going right downhill to the fish price," Lowrance said.

Laura Zimmen, a commercial fisherman and borough resident, said the borough needed to have a backup plan to pay for the sewer if the fish didn't show up. She also echoed the belief that the tax would end up impacting fishermen.

"To sit here and think otherwise would be like closing your eyes about it," she said. "It's going to happen. They're not going to take that tax and absorb it. It's going to come down into what we're paid at the end of the year for our fish."

Zimmen pointed out that fishermen already pay a 3% tax to the borough and a self-employment tax. Drift fishermen also pay a 1% tax to the Bristol Bay Regional Seafood Development Association. She said this tax would stress the sector even more.

The one thing everyone agreed on was that the sewer system needed to be fixed. According to Mayor Dan O'Hara, funding the updates is critical to the survival of the fishing industry.

"If [the borough dock] breaks down, the fishermen are not going to be fishing," O'Hara said. "If that sewer fails, the fishermen are not going to be fishing. So this is the key right here, to whether we make it or we don't make it."

As it stands now, the first 50,000 pounds of fish processed would be exempt from the tax. There's also a sunset clause that sets the tax to expire six years after it goes into effect. If voters pass the ordinance, it would apply to the next fishing season. That means that no revenue would come to the borough until 2021. The special election takes place Nov. 5.

*Isabelle Ross, KDLG, 9/25/19*

## Upgrading Your Vessel?

### Builder's Risk Insurance Routine Maintenance or Material Changes

Always inform your broker of all vessel improvements



#### 1. Routine Upkeep and Maintenance

Is anticipated under your operational Hull & Machinery (H&M) and Protection & Indemnity (P&I) policy.

#### 2. Material Change

Major modification, e.g:

- Rebuilding
- Lengthening
- Repowering

Is not anticipated under your operational H&M and P&I policy and needs to be discussed with your insurers.

#### 3. Builders' Risk Policy

Depending on extent and kind of work being performed on vessel, Builders' Risk Policy may be appropriate along with suspension of H&M and P&I policy.

### Failure to advise underwriters of material changes to your vessel may void policy.

Contact your Broker PRIOR to commencing any vessel improvements to discuss Builders' Risk Policy.

For more information contact us: Ian Blackburn or Kirk Johanson at (800) 605-4655.

### Funding Available for Vessel Upgrades

Southwest Alaska Municipal Conference (SWAMC) is offering low-cost energy audits and access to a US Department of Agriculture (USDA) grant for commercial fishing vessels.

Commercial fishing vessel owners that fish in Bristol Bay, Kodiak, and the Aleutians are eligible.

The USDA grant reimburses owners for 25% of the cost for upgrades including slush ice to RSW, hold insulation, LED lights, and high performance gensets (not for propulsion).

### Looking to Upgrade Your Fishing Vessel? RSW, Insulation...

Get on board with other Alaskan fishers who have received \$54,000 this year to upgrade their vessels!

SWAMC will help you...

- ✓ Sign up for a low-cost energy audit at [southwestakenergy.org](http://southwestakenergy.org)
- ✓ Apply for USDA's energy upgrade grant
- ✓ Be reimbursed for 25% of your upgrade costs (if grant is awarded)



ALL commercial fishers who live or fish in Bristol Bay, Kodiak, or the Aleutians are eligible!

Contact us at [energy@swamc.org](http://energy@swamc.org) or (907) 450-2461 for more information

A commercial fisher looking to purchase and professionally install a RSW system for \$50,000 would be reimbursed \$12,500 by the grant.

There is no deadline. But applications for projects \$80k and under are reviewed for award on October 31, and another round of awards for all project sizes occurs in April.

For more information:

<http://www.southwestakenergy.org/>

Email: [energy@swamc.org](mailto:energy@swamc.org),

or call Jamie Hansen at 907-450-2461.

*Fishermen in the Bristol Bay area harvested over 43 million sockeye in 2019, the second-largest figure on record.*

*When combined with catches of other salmon species, they netted a record-breaking \$306 million, nearly double the 20-year average.*

*Undercurrent News, Sept. 26, 2019*



*By Kiril Basargin*

## Fish Expo



**pacific marine**  
e x p o

**November 21-23**  
Thursday-Saturday

**BBFA Booth #4226**

Across from UFA in the Alaska Hall.

### Schedule:

#### Keynote Panel: Pebble Mine

Thursday, November 21st  
1:30-2:30 p.m., Main Stage

#### BBRSDA Board Meeting

November 19-20, Silver Cloud Hotel

#### BBRSDA Member Lunch and Meeting

Friday, November 22nd  
Silver Cloud Hotel

Avenue One Ballroom

Lunch: 11:30-2:30

Member Meeting: Noon-2:00

Pacific Marine Expo is the largest commercial marine trade show on the West Coast.

Be a part of the once a year industry event that brings together commercial fisherman and mariners from across the Pacific Northwest to do business, get industry updates, and connect with both old and new friends!

- More than 450 exhibitors including equipment companies, propulsion, builders, and suppliers and more.
- Education sessions on marine safety, business management, regulatory issues and technical advancements, and more.
- Events including the live Fisherman of the Year Contest, a taping of Seattle Kitchen and a presentation by the Fisher Poets and daily happy hour.

# Support BBFA's Associate Members

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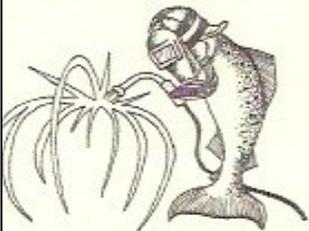

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**AMS**

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BBFA's insurance program is administered by North Star Insurance Services. This program is exclusive to BBFA members. The cost of running our operations has escalated over the years from fuel and gear to maintenance of our vessels. Keeping you and your vessel adequately insured to cover you for any unforeseen accidents or liabilities is paramount as all associated costs with an accident, also rise each year.

**Highlights of North Star's program are:**

- Exclusive pricing for BBFA members
- Excess Collision Liability included at no extra cost
- Limited Catch Cover
- Pollution Liability providing full OPA90 (oil pollution) and CERCLA (non oil pollutants)
- **No Claims Bonus:** returning 7.5% of the premium paid over three years.

For full details of this new program please contact North Star Insurance LLC by phone (206) 285-4655, (800) 605-4655 or by email.

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*BBFA's mission is to protect the renewable salmon resource and promote economic sustainability for commercial salmon permit holders in Bristol Bay, Alaska.*

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