

Commercial Squid Fishery Survey (December 2020)

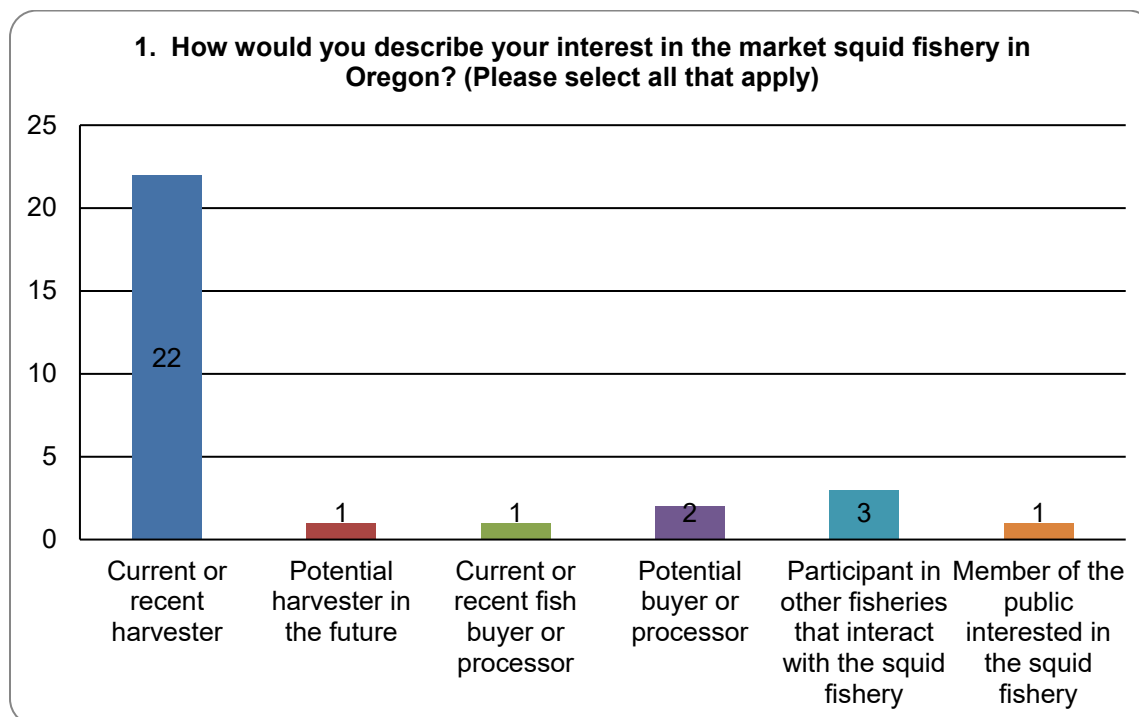
Summary Report

12/29/2020

1. How would you describe your interest in the market squid fishery in Oregon? (Please select all that apply)

Response Rate: 100% (N=23) Question Type: Choose many

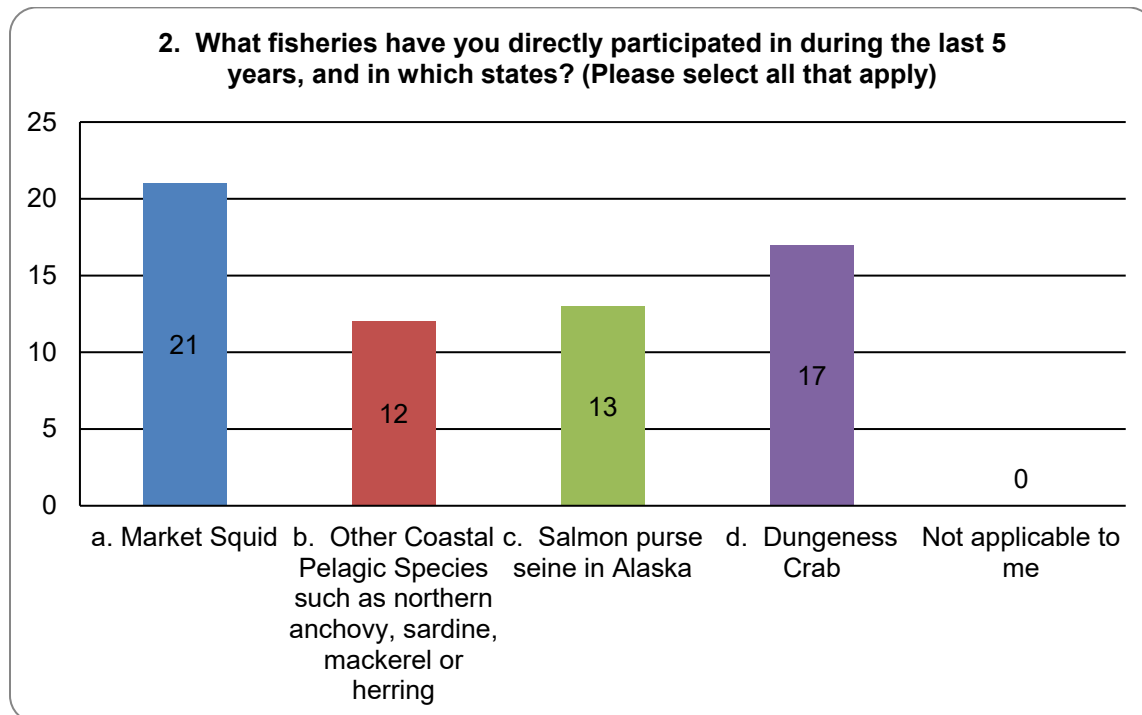
Current or recent harvester	22
Potential harvester in the future	1
Current or recent fish buyer or processor	1
Potential buyer or processor	2
Participant in other fisheries that interact with the squid fishery	3
Member of the public interested in the squid fishery	1
Total Responses	30



2. What fisheries have you directly participated in during the last 5 years, and in which states? (Please select all that apply)

Response Rate: 100% (N=23) Question Type: Choose many

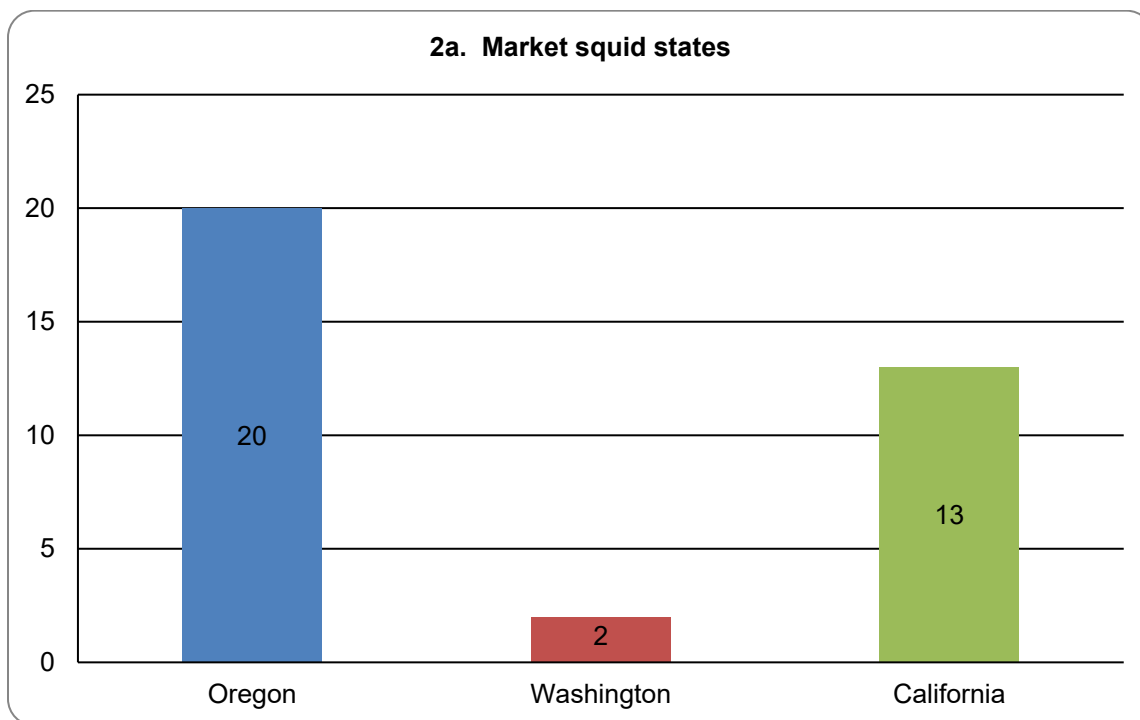
a. Market Squid	21
b. Other Coastal Pelagic Species such as northern anchovy, sardine, mackerel or herring	12
c. Salmon purse seine in Alaska	13
d. Dungeness Crab	17
Not applicable to me	0
Total Responses	63



2a. Market squid states

Response Rate: 91% (N=21) Question Type: Choose many

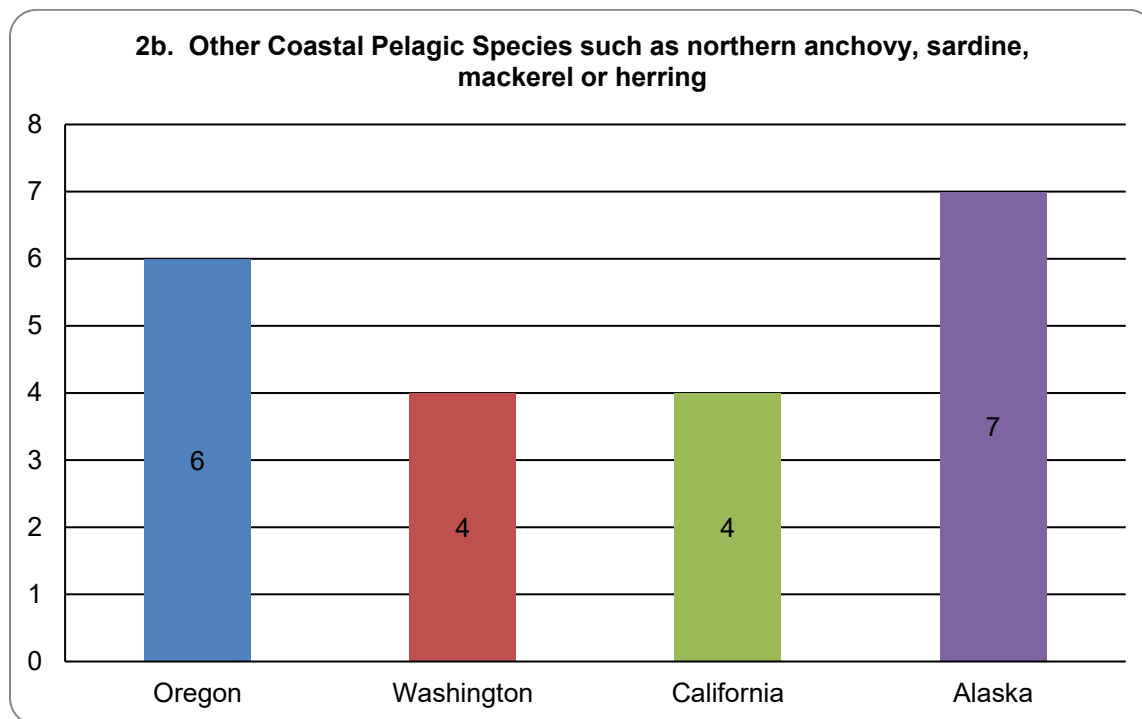
Oregon	20
Washington	2
California	13
Total Responses	35



2b. Other Coastal Pelagic Species such as northern anchovy, sardine, mackerel or herring

Response Rate: 48% (N=11) Question Type: Choose many

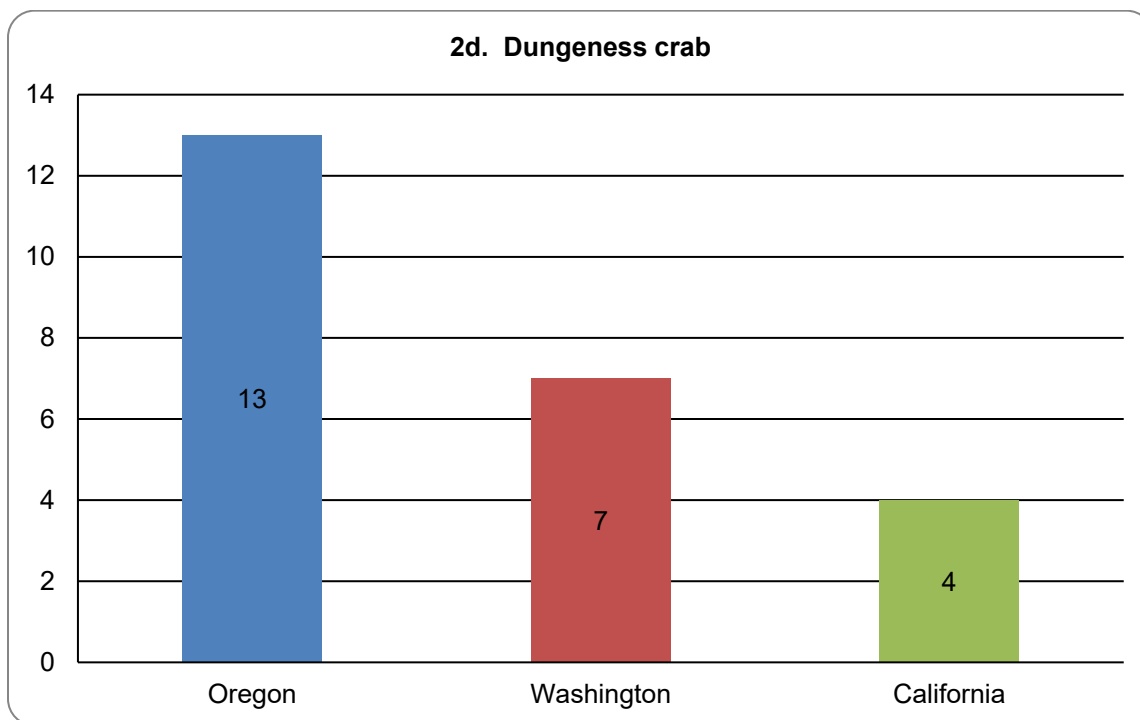
Oregon	6
Washington	4
California	4
Alaska	7
Total Responses	21



2d. Dungeness crab

Response Rate: 74% (N=17) Question Type: Choose many

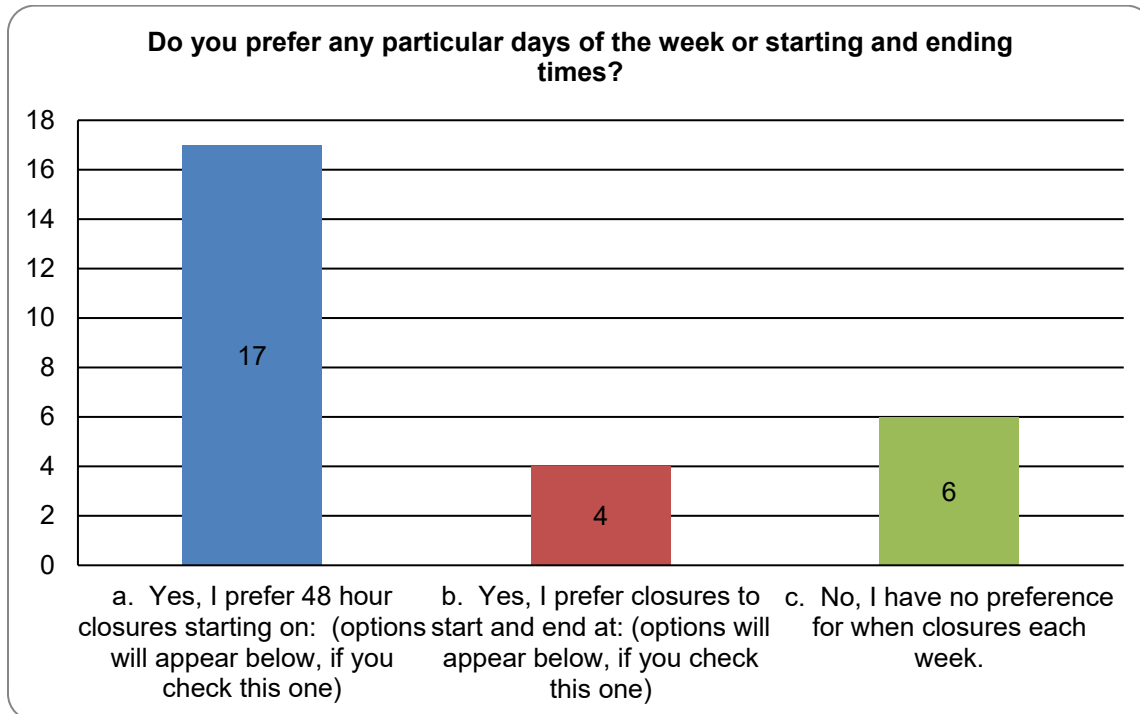
Oregon	13
Washington	7
California	4
Total Responses	24



Do you prefer any particular days of the week or starting and ending times?

Response Rate: 100% (N=23) Question Type: Choose many

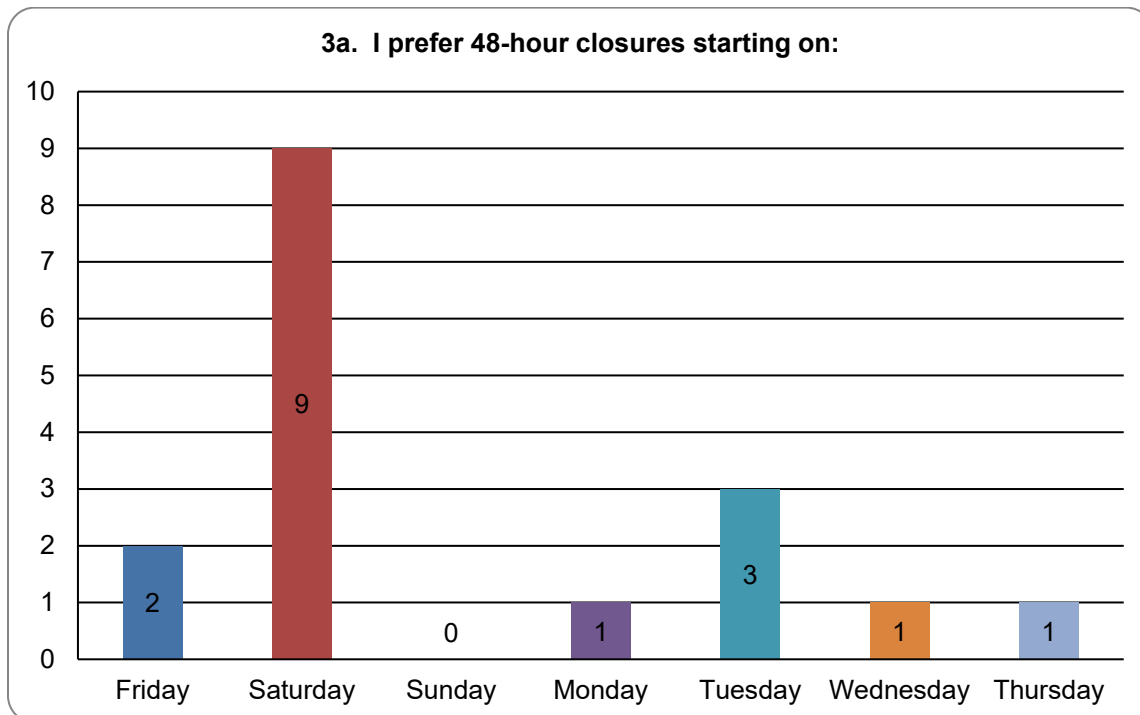
a. Yes, I prefer 48 hour closures starting on: (options will appear below, if you check this one)	17
b. Yes, I prefer closures to start and end at: (options will appear below, if you check this one)	4
c. No, I have no preference for when closures each week.	6
Total Responses	27



3a. I prefer 48-hour closures starting on:

Response Rate: 74% (N=17) Question Type: Choose one

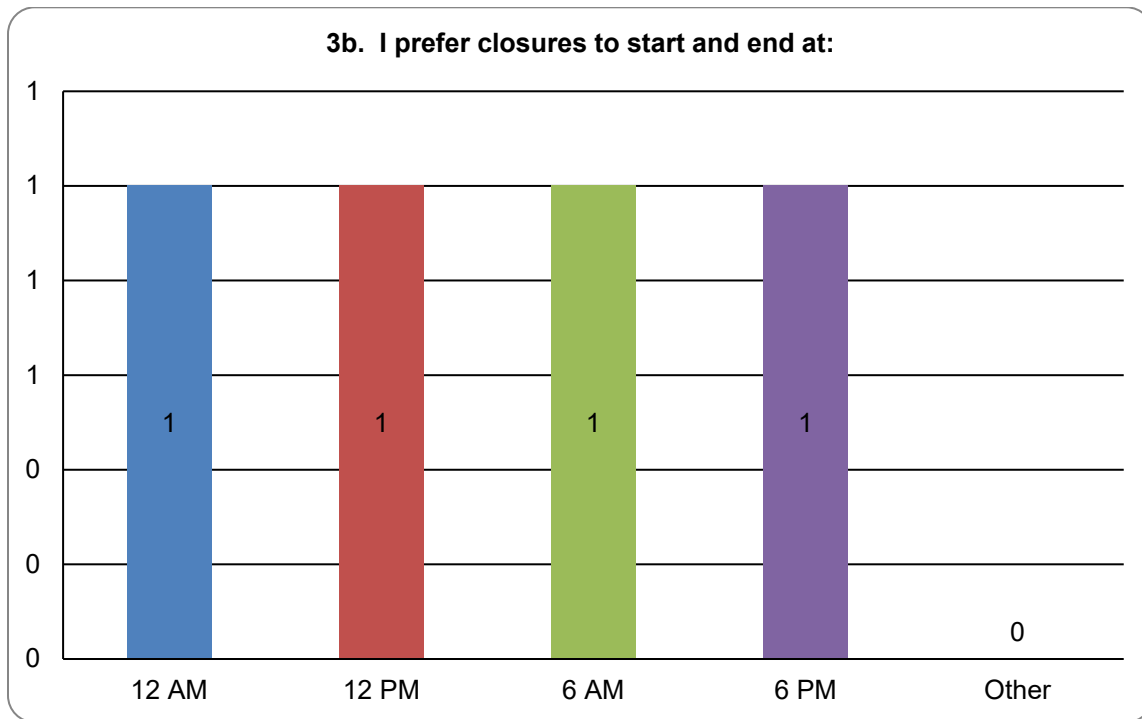
Friday	2
Saturday	9
Sunday	0
Monday	1
Tuesday	3
Wednesday	1
Thursday	1
Total Responses	17



3b. I prefer closures to start and end at:

Response Rate: 17% (N=4) Question Type: Choose one

12 AM	1
12 PM	1
6 AM	1
6 PM	1
Other	0
Total Responses	4



Other Responses

Total Responses

0

Do you have other ideas for closures periods to allow for uninterrupted spawning of market squid that should be considered? If yes, please specify details:

Response Rate: 52% (N=12) Question Type: Paragraph

During bad weather

Closes 8 am

no light boats, go to a limited entry fishery. must of made deliveries last two out of three years, and then have trip limits of 20 tons per day with a max of 60 tons a week

Ocean closed to purse since vessels and light boats both. No looking and no anchoring . Light boats should be prohibited all together

I would recommend a 72 hr closure during the week

No

No light boats or no anchoring and no looking . Any vessel with lights or any vessel gear for shrimp are unable to be on waters until 48 hrs is up. Otherwise, boats will be looking on those days when they build without the vessel pressure and give a negative effect on biomas. When it's closed it's closed totally and all squid boats or light boats off the water

Could you close down different locations for 48 hours? Allowing 7 days of fishing in a different location. Much like reserves are moved around over time.

Two days will only allow squid to aggregate more densely and make them easier for us to find and catch, in my opinion it is not enough time for them to spawn.

Friday 12pm to Sunday 12pm To avoid interaction with weekend sport fisherman and less exposure and time for uninterrupted spawning

Friday noon to Sunday noon to avoid interaction with weekend sport fishermen.

instead of 48 hr I believe 72 hrs would be much more helpful for the squid to be able to school and and spawn as opposed to 48 hrs

Total Responses: 12

In order to reduce bycatch of bottom living species such as Dungeness crab, disturbing bottom habitat, and interference with crab pots that are on the bottom, the Department is considering requiring a rib line be installed into nets to purse the net above the lead line at the bottom of the net. How high above the lead line would you suggest the rib line be installed in the net and why?

Response Rate: 83% (N=19) Question Type: Paragraph

12.5 meshes

10 meshes up. This would provide for enough lift while pursing to not disturb most of the bottom species.

At least 4 feet. With steel rings and a sinking purse line one can still disrupt the bottom

18"

3-5', it will be better than nothing but the bottom line is its up to the captain to reduce bycatch, especially when they have skin in the dungeness crab fishery also

mid lead line strip

10 meshes, I currently use a 10 mesh rib line and have had great success with little to no bycatch

A minimum of 18", this would allow the lead line to still act like a skirt and not allow the lead line to dig in to the bottom.

15 meshes

25 meshes. Just Above the chaffing gear. I have been fishing with a rib line net for squid for 23 years. 3 years in Oregon. You don't catch the crab or the squid row.

I'm not %100 sure but I think most rib lines are 3ft above lead line which I think is fine

I've had a rib line every year I've fished and fully support the requirement of it. I think my ribline is 20 meshes up from the leadline in about 5 inch mesh.

The height of the rib line is does not have much affect on the performance of said rib line. If installed correctly a foot or two above the lead line is sufficient.

No less than 2 feet, it seems as long as the rings are not attached to the weighted leadline you then stop that dredging affect it may have in shallower depths

Mine is 2 feet and is very is very effective in almost no by catch

Most nets have a 3 inch strip of web that runs along the bottom of the net I would like to see rib line be hung 10 meshes up from the lead line. In simple terms 30 inches up from the lead line. That is what my rib line is placed and and I've seen no issue there. I fished in 2019 with no rib line so I've seen the comparison first hand going from seeing issues with no rib line to none with the rib line placed as described above.

A minimum of 18" would be enough, that would allow the lead line to act like a skirt, the purse lines float and that would be enough to drag the led line across the bottom instead of the led line digging in

3 feet should be enough to purse over crab

2 feet is what I have.

Total Responses: 19

Do you have any other suggestions on how to reduce bycatch of bottom living species or interfering with crab pot gear?

Response Rate: 65% (N=15) Question Type: Paragraph

Use 4" schaffing gear above lead line Consider limited entry

18" rib works great I have used one in Oregon for years with great success on both by catch and squid egg beds

no

Zero light boats all together. They anchor in a spot and non responsive forcing others to set around them . Also does not make since to turn off lights when near another boat. Pots will get ran over . Light boats should be prohibited

The rib line is the best method to reduce bycatch

Have a maximum net length of 200 fathoms and maximum depth of 9 strip net. The shorter net would not allow the net to sit on the bottom as a longer net takes longer to set and longer to purse up this making the net sit on the bottom longer and the longer the net the more area you are using and potentially interfering with crab gear, and the shallower the net (9 strips) would be less drag on the bottom.

No

No light boats at all in the fishery. They anchor on a spot and sit. Then force others to set around that might be on crab gear. Also boats should not turn off lights when near another boat, without lights how do you see crab gear? In summary I feel 48 hr closed and no lights boats or squid boats on the water until after the 48 hrs. Also feel no lights boats even should be here. In example, Northern California does not allow light boats.

Rib lines

I would like to see a restriction in the depth as well. Any commercial fishery that has survived decades of continued sustainability has always had gear limitations. In my experience and understanding the biology of the resource and how they reproduce. I think 1200 meshes deep of no greater than 1.5" mesh and no less than 1" mesh (but not including a typically 25 mesh deep bottom strip ranging from 3.5"-7") should be considered. I would consider a net length restriction, but I don't believe it is as vital as a depth limitation. I also believe that getting a control date in place along with a committee established to finding the criteria needed to make the fishery a limited entry fishery like nearly 100% of other sustainable fisheries are established in the west coast to ensure its survival.

Swine length of no more then 250 fathoms long with depth 1200 meshes no bigger then 1 1/2 inches no less then 1 inch not including bottom lead collar. I believe a control date

and a advisory board to determine the correct number of boats. To conduct this Fishery and how to get to that number is as important as all of the questions you've asked . I was on the advisory board for California squid limited entry and both Oregon and Washington advisory board for sardines and know how hard it is to try to do anything but it must be done to have a fishery Thank you for all you do to make this work in these hard times.
Nick Jerkovich. F/V Pacific Raider. 253 405 5500

The rib line fixes 90 percent of by catch issues of any bottom living species.

Limiting the size of nets depth, and length. 200 fathoms long and a maximum depth of 10 strips of web

The rib line should minimize bycatch. I don't know of a way to avoid crab pots except just don't set your net around them

Less boats

Total Responses: 15