

2022 Central Coast Spring All-Depth Recreational Halibut Dates



Meeting Outline

- Overview of IPHC annual meeting results
- Changes to the Catch Sharing Plan
- Input on dates for the Central OR Coast Subarea spring all-depth fishery
 - Number of fixed dates
 - Timing of fixed dates
 - Back-up dates



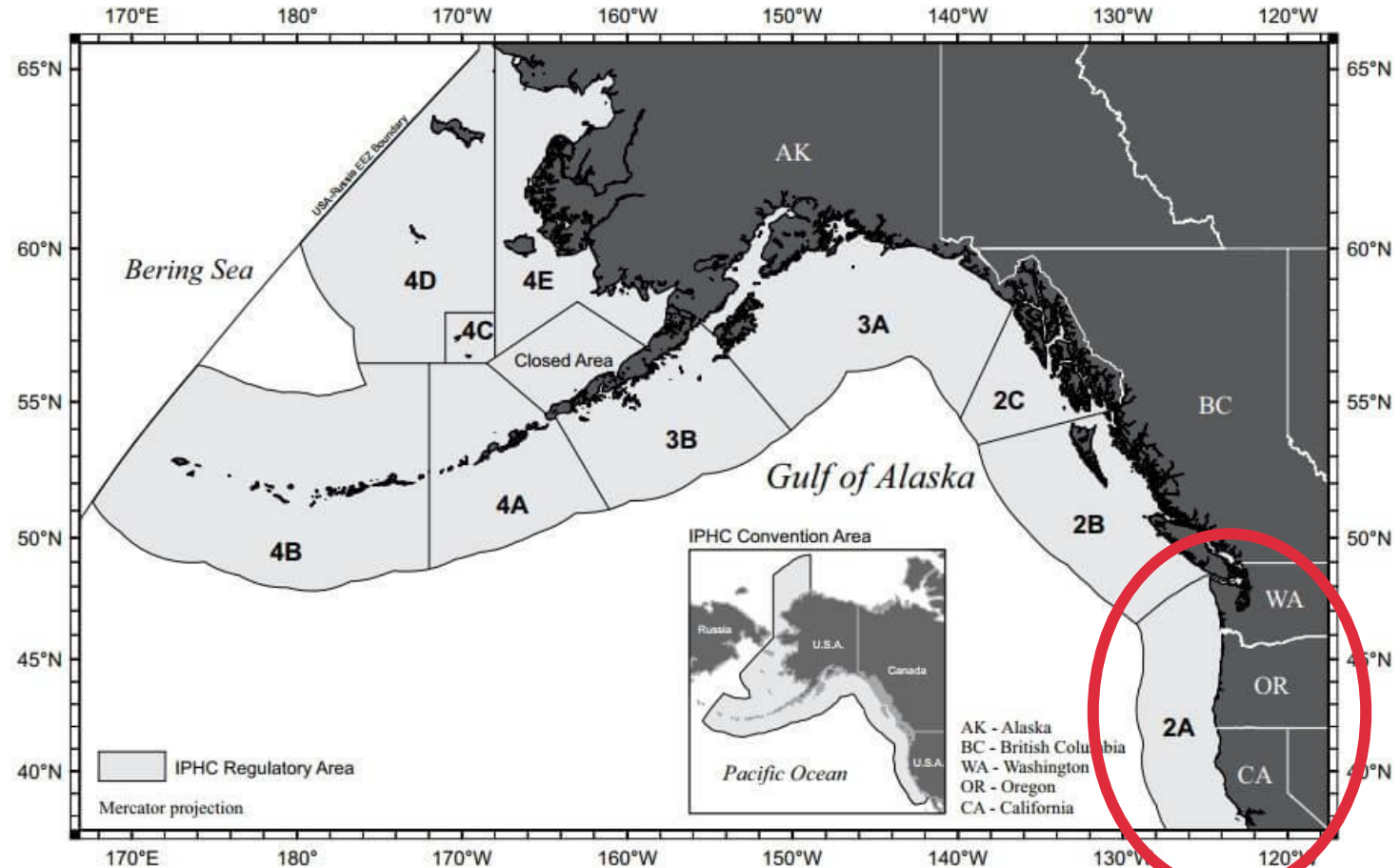
IPHC Annual Meeting Results

- Trends are up slightly, shifting to younger fish
- 2012-year class now appears stronger than any 2006–2011-year class
 - Projected to mature over next 3 years
 - Reports of a lot of 26–30-inch fish last year
 - Would be the size of fish from the 2012-year class
 - Magnitude of biomass of those fish still somewhat uncertain
- Stock distribution shifting back towards central Gulf of Alaska
- Size at age improving in females



Area 2A (WA, OR, & CA) Catch Limit

- 2022 Area 2A Catch Limit = 1,490,000 lbs.
- OR Rec. quota = 287,645 lbs.
- 2022 is last year of 4-year agreement on quota
- **2023 quota could go down significantly**



2022 Oregon Recreational Halibut Quotas

		2021 (lbs.)	2022 (lbs.)
Area 2A Total Catch Limit		1,510,000	1,490,000
Oregon Sport Quota		291,506	287,645
Columbia River	All-Depth	18,662	18,537
	Nearshore	500	500
Central Oregon Coast	Spring All-Depth	172,244	169,963
	Summer All-Depth	68,351	67,445
	Nearshore	32,808	32,374
Southern Oregon		8,000	8,000



Changes to the Catch Sharing Plan for 2022

Added options to allow more flexibility and opportunity

- Central Oregon Coast Subarea
 - If spring all-depth quota is greater than 100,000 pounds, season may be open for up to 7 days per week (through June 30)
 - Then every other Thurs, Fri, and Sat until July 31 or quota caught
 - Weeks can be skipped to avoid adverse tides
 - If after the 1st summer all-depth opening, there is 60,000 pounds or more remaining, may be open for up to 7 days per week beginning Sept 1
 - At end of spring all-depth season managers will consult to determine if the daily bag limit can increase to 2 fish per day
- Southern Oregon Subarea
 - If the central coast bag limit is increased, Southern Oregon Subarea bag limit increases too at the same time



Central Oregon Coast Spring All-Depth Fixed & Back-Up Dates

Background

- Open days per week: up to 7 days per week (in May & June)
 - Depending on amount of quota
 - Weeks can be back-to-back or,
 - Weeks can be skipped to avoid adverse tides
- Season start: 2nd Thurs in May
- 2 types of dates
 - Fixed dates
 - Back-up dates



Fixed Dates vs. Back-Up Dates

Fixed

- Announced pre-season
- Guaranteed to be open
 - Unless entire subarea quota taken; spring and summer all-depth
- Occur in consecutive weeks
 - Can skip weeks with bad tides
- Open for up to 7 days per week

Back-Up

- Occur after the fixed dates
 - If enough quota remains
- Occur every other week
 - Up to three days, dependent on remaining quota
 - Allows for one week notice of opening, or closing
- If enough quota remaining, may open every week.



How Many Fixed Dates?

- Want to catch most of the quota
 - But not go over
 - Overage would come from summer all-depth
 - And if large enough, the nearshore
- Catch rates highly weather-dependent
 - Can't predict that ahead of time
- Look at past catches to see catch rates
 - Also do some modeling of possible future catches

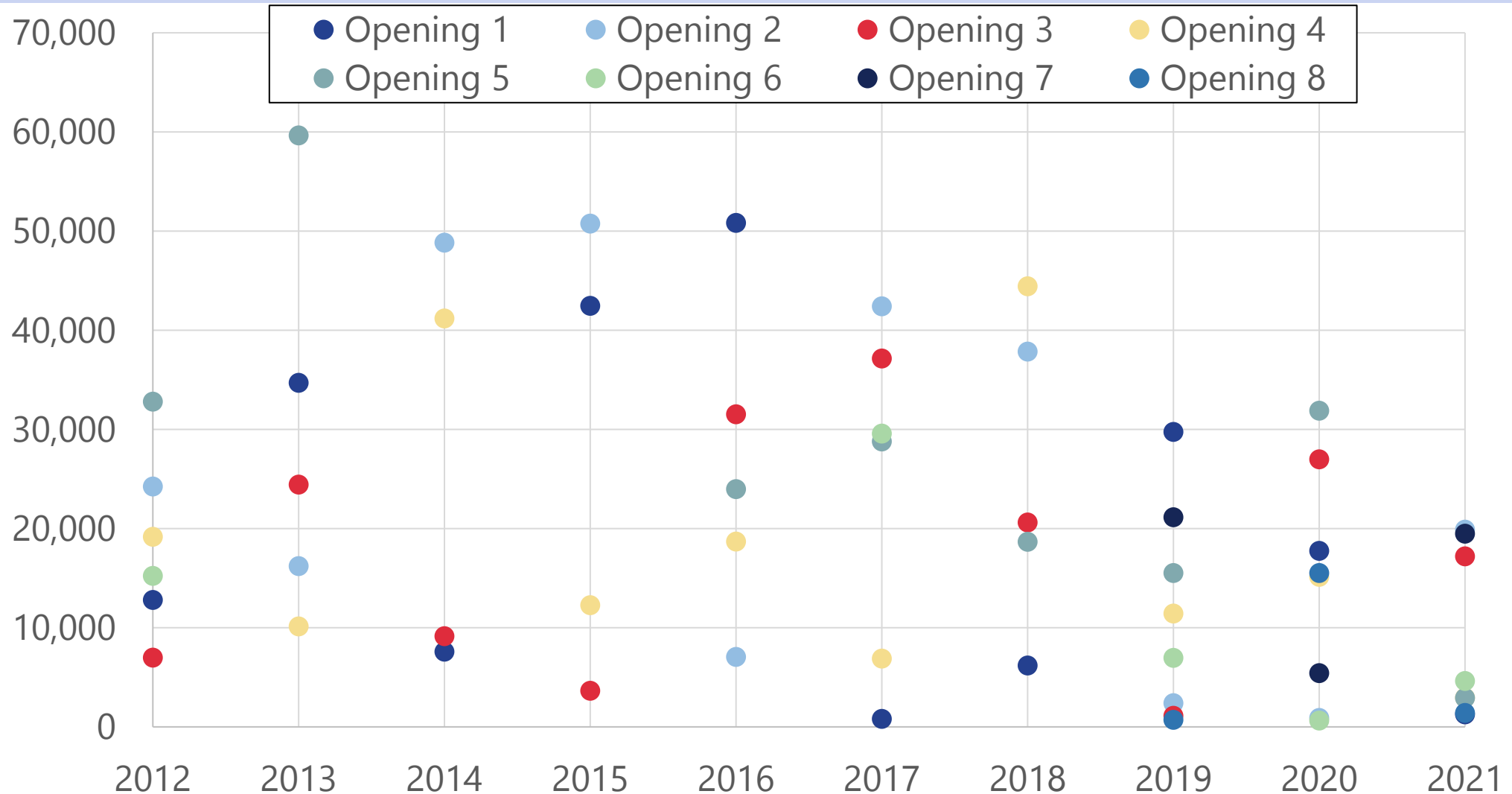




Recent Years' Total Landed Pounds per Opening (3-day openings)

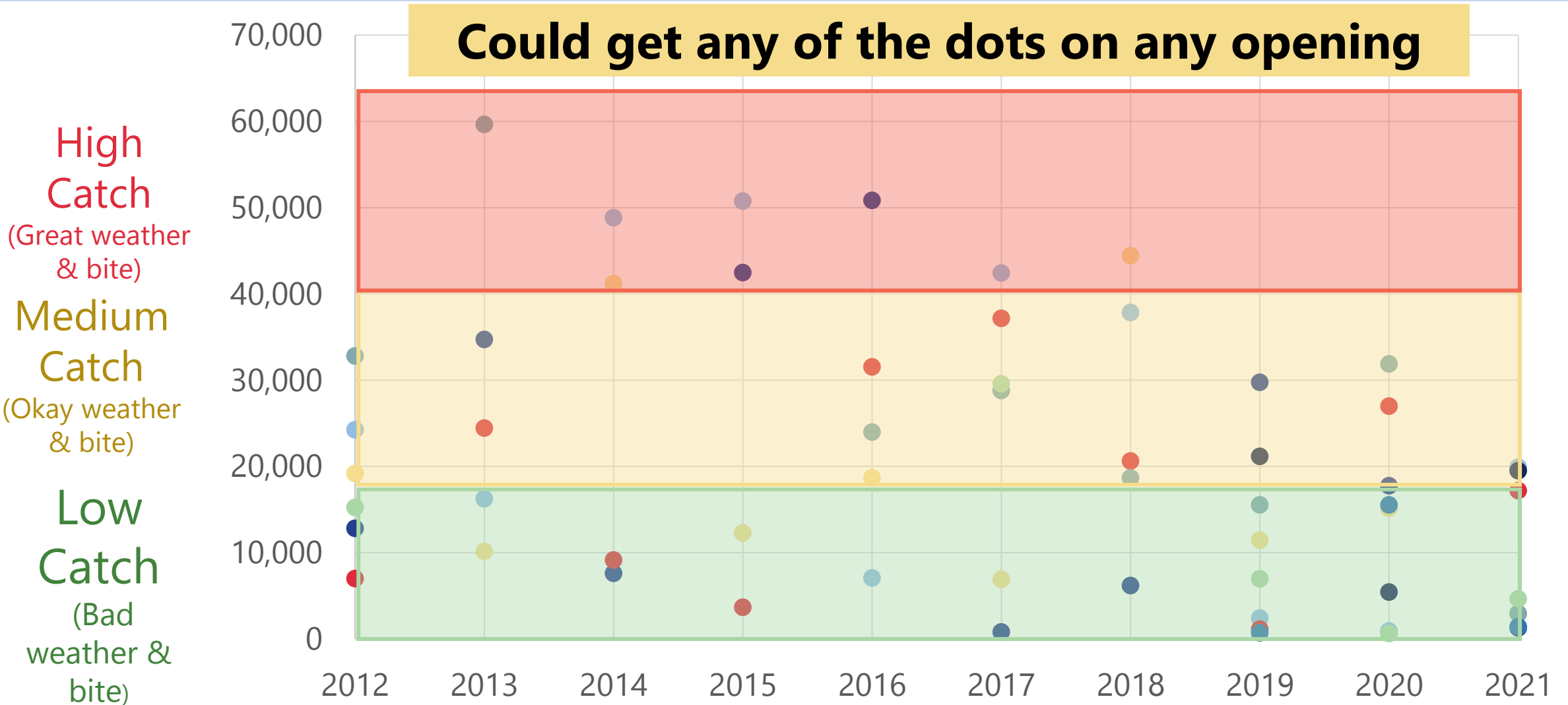
Opening	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	12,807	34,712	7,594	42,471	50,838	801	6,184	29,752	17,752	1,258
2	24,242	16,229	48,838	50,766	7,060	42,418	37,847	2,403	892	19,906
3	6,997	24,430	9,151	3,652	31,533	37,164	20,624	1,125	26,982	17,199
4	19,175	10,141	41,200	12,274	16,683	6,883	44,446	11,432	15,139	2,944
5	32,816	59,665			23,983	28,784	18,663	15,524	31,885	2,932
6	15,232					29,585		6,970	631	4,639
7								21,147	5,429	19,499
8								709	15,525	1,419
Total Pounds landed from "fixed" openings	63,221	85,512	106,783	109,163	106,114	116,050	109,101	60,236	92,650	48,877
Total pounds landed from all openings	111,269	145,177	106,783	109,163	130,097	145,635	127,764	89,062	114,235	69,795
Average pounds per "fixed" opening	15,805	21,378	26,696	27,291	26,529	23,210	27,275	12,047	18,530	8,146
Average pounds per opening, from all openings	18,545	29,035	26,696	27,291	26,019	24,273	25,553	11,133	14,279	8,724
Total Days open	18	15	12	12	15	18	15	24	24	24
Fixed Days Open	12	12	12	12	12	15	12	15	15	18

Recent Years' Total Landed Pounds per Opening (3-day openings)

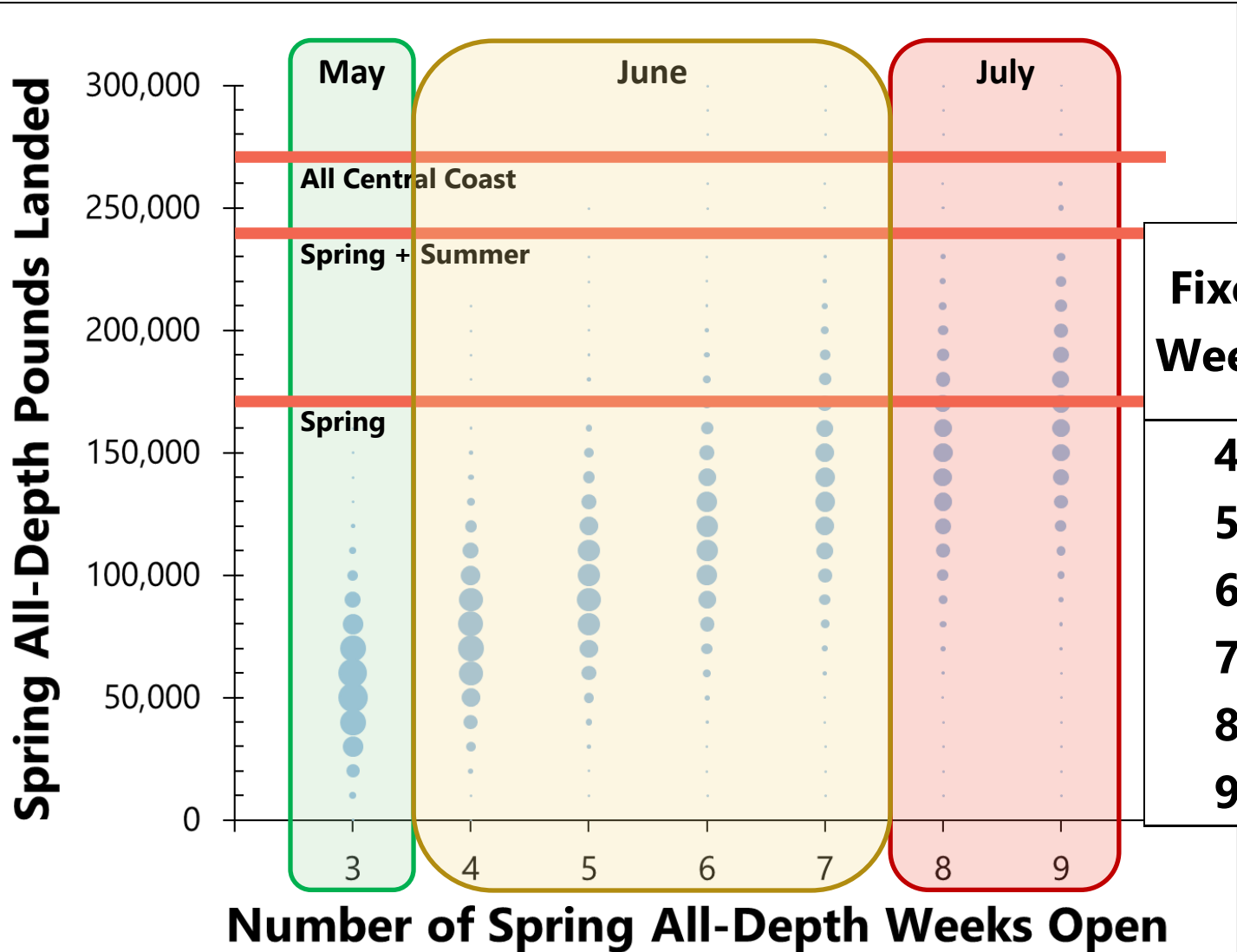




Recent Years' Total Landed Pounds per Opening (3-day openings)



Modeled 2022 Catch & Risk of Exceeding Quotas (7-day openings)



Extra uncertainty, since this fishery has not been open 7 days in over 15 years. Unsure what effort will be.

Fixed Weeks	Chance of exceeding quota(s)		
	Spring AD	Spring & Summer AD	All Central Coast
4	0%	0%	0%
5	2%	0%	0%
6	8%	0%	0%
7	20%	1%	0%
8	28%	2%	0%
9	44%	6%	2%



When Should the Fixed Dates Occur?

- Can occur in back-to-back weeks
- Option to skip adverse tides
(Example: -1.0 foot)
- Strong outgoing river current + big swells = breakers on the bar
- Outgoing river current strongest in hours before minus tide





Marine Resources

2022 Tide Calendar

The following slides will reference this calendar with potential openings (fixed and backup) along with designated closed weekends

Black background indicates a negative tide

Orange highlight indicates commercial opening

May			
Date	Day	Tide	Time
1	Sun	-0.8	7:32 AM
2	Mon	-0.9	8:08 AM
3	Tue	-0.8	8:45 AM
4	Wed	-0.6	9:25 AM
5	Thu	-0.3	10:08 AM
6	Fri	0.0	10:57 AM
7	Sat	0.3	11:51 AM
8	Sun	--	--
9	Mon	3.8	1:18 AM
10	Tue	3.3	2:31 AM
11	Wed	2.5	3:28 AM
12	Thu	1.6	4:16 AM
13	Fri	0.5	5:00 AM
14	Sat	-0.5	5:43 AM
15	Sun	-1.3	6:27 AM
16	Mon	-2.0	7:11 AM
17	Tue	-2.3	7:59 AM
18	Wed	-2.4	8:48 AM
19	Thu	-2.1	9:41 AM
20	Fri	-1.7	10:38 AM
21	Sat	-1.2	11:37 AM
22	Sun	--	--
23	Mon	2.9	1:21 AM
24	Tue	2.2	2:38 AM
25	Wed	1.4	3:43 AM
26	Thu	0.6	4:36 AM
27	Fri	-0.1	5:21 AM
28	Sat	-0.6	6:01 AM
29	Sun	-0.9	6:38 AM
30	Mon	-1.1	7:14 AM
31	Tue	-1.1	7:49 AM

June			
Date	Day	Tide	Time
1	Wed	-1.0	8:26 AM
2	Thu	-0.8	9:04 AM
3	Fri	-0.6	9:44 AM
4	Sat	-0.4	10:26 AM
5	Sun	-0.1	11:10 AM
6	Mon	0.2	11:55 AM
7	Tue	3.5	12:40 AM
8	Wed	2.8	1:50 AM
9	Thu	2.0	2:52 AM
10	Fri	0.9	3:45 AM
11	Sat	-0.1	4:34 AM
12	Sun	-1.1	5:22 AM
13	Mon	-1.9	6:09 AM
14	Tue	-2.4	6:57 AM
15	Wed	-2.7	7:46 AM
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22	Wed	1.7	2:15 AM
23	Thu	1.0	3:20 AM
24	Fri	0.4	4:15 AM
25	Sat	-0.1	5:02 AM
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July			
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27	Wed	-0.6	6:38 AM
28	Thu	-0.7	7:13 AM
29	Fri	-0.7	7:45 AM
30	Sat	-0.7	8:17 AM
31	Sun	-0.5	8:48 AM

Commercial Opening

Commercial Opening

Commercial Opening



Marine Resources

**Alternative 1:
24 Fixed days, no skipping tides, 6 back up days**

24 days = total days open in 2020 & 2021

May				
Date	Day	Tide	Time	
1	Sun	-0.8	7:32 AM	
2	Mon	-0.9	8:08 AM	
3	Tue	-0.8	8:45 AM	
4	Wed	-0.6	9:25 AM	
5	Thu	-0.3	10:08 AM	
6	Fri	0.0	10:57 AM	
7	Sat	0.3	11:51 AM	
8	Sun	--	--	
9	Mon	3.8	1:18 AM	
10	Tue	3.3	2:31 AM	
11	Wed	2.5	3:28 AM	
1	12	Thu	1.6	4:16 AM
	13	Fri	0.5	5:00 AM
	14	Sat	-0.5	5:43 AM
	15	Sun	-1.3	6:27 AM
	16	Mon	-2.0	7:11 AM
	17	Tue	-2.3	7:59 AM
	18	Wed	-2.4	8:48 AM
2	19	Thu	-2.1	9:41 AM
	20	Fri	-1.7	10:38 AM
	21	Sat	-1.2	11:37 AM
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	25	Wed	1.4	3:43 AM
3	26	Thu	0.6	4:36 AM
	27	Fri	-0.1	5:21 AM
	28	Sat	-0.6	6:01 AM
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	30	Mon	-1.1	7:14 AM
	31	Tue	-1.1	7:49 AM

June				
Date	Day	Tide	Time	
1	Wed	-1.0	8:26 AM	
4	2	Thu	-0.8	9:04 AM
	3	Fri	-0.6	9:44 AM
	4	Sat	-0.4	10:26 AM
	5	Sun	-0.1	11:10 AM
	6	Mon	0.2	11:55 AM
	7	Tue	3.5	12:40 AM
	8	Wed	2.8	1:50 AM
5	9	Thu	2.0	2:52 AM
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	26	Sun	-0.5	5:43 AM
	27	Mon	-0.7	6:21 AM
Commercial Opening	28	Tue	-0.9	6:57 AM
8	29	Wed	-1.0	7:33 AM
	30	Thu	-0.9	8:08 AM

July				
Date	Day	Tide	Time	
8	1	Fri	-0.9	8:44 AM
	2	Sat	-0.7	9:19 AM
	3	Sun	-0.4	9:54 AM
	4	Mon	-0.1	10:30 AM
	5	Tue	0.5	11:07 AM
	6	Wed	2.9	12:01 AM
CLOSED	7	Thu	2.3	1:08 AM
	8	Fri	1.5	2:14 AM
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	10	Sun	-0.4	4:11 AM
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Commercial Opening	12	Tue	-1.9	5:55 AM
	13	Wed	-2.3	6:45 AM
back-up	14	Thu	-2.5	7:33 AM
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	16	Sat	-1.9	9:06 AM
	17	Sun	-1.2	9:51 AM
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CLOSED	21	Thu	1.4	1:39 AM
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	23	Sat	0.6	3:46 AM
	24	Sun	0.2	4:37 AM
	25	Mon	-0.1	5:22 AM
Commercial Opening	26	Tue	-0.4	6:02 AM
	27	Wed	-0.6	6:38 AM
back-up	28	Thu	-0.7	7:13 AM
	29	Fri	-0.7	7:45 AM
	30	Sat	-0.7	8:17 AM
	31	Sun	-0.5	8:48 AM



**Alternative 2:
24 Fixed
days,
skipping
tides**

**No back-up
days**

May			
Date	Day	Tide	Time
1	Sun	-0.8	7:32 AM
2	Mon	-0.9	8:08 AM
3	Tue	-0.8	8:45 AM
4	Wed	-0.6	9:25 AM
5	Thu	-0.3	10:08 AM
6	Fri	0.0	10:57 AM
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28	Sat	-0.6	6:01 AM
29	Sun	-0.9	6:38 AM
30	Mon	-1.1	7:14 AM
31	Tue	-1.1	7:49 AM

1

CLOSED

2

June			
Date	Day	Tide	Time
1	Wed	-1.0	8:26 AM
2	Thu	-0.8	9:04 AM
3	Fri	-0.6	9:44 AM
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7	Tue	3.5	12:40 AM
8	Wed	2.8	1:50 AM
9	Thu	2.0	2:52 AM
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29	Wed	-1.0	7:33 AM
30	Thu	-0.9	8:08 AM

3

4

CLOSED

5

Commercial Opening
6

July			
Date	Day	Tide	Time
1	Fri	-0.9	8:44 AM
2	Sat	-0.7	9:19 AM
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27	Wed	-0.6	6:38 AM
28	Thu	-0.7	7:13 AM
29	Fri	-0.7	7:45 AM
30	Sat	-0.7	8:17 AM
31	Sun	-0.5	8:48 AM

6

7

Commercial Opening

CLOSED

8

Commercial Opening

CLOSED



Alternative 3:
27 Fixed
days, no
skipping
tides
3 back-up
days

May			
Date	Day	Tide	Time
1	Sun	-0.8	7:32 AM
2	Mon	-0.9	8:08 AM
3	Tue	-0.8	8:45 AM
4	Wed	-0.6	9:25 AM
5	Thu	-0.3	10:08 AM
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June			
Date	Day	Tide	Time
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2	Thu	-0.8	9:04 AM
3	Fri	-0.6	9:44 AM
4	Sat	-0.4	10:26 AM
5	Sun	-0.1	11:10 AM
6	Mon	0.2	11:55 AM
7	Tue	3.5	12:40 AM
8	Wed	2.8	1:50 AM
9	Thu	2.0	2:52 AM
10	Fri	0.9	3:45 AM
11	Sat	-0.1	4:34 AM
12	Sun	-1.1	5:22 AM
13	Mon	-1.9	6:09 AM
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Date	Day	Tide	Time
1	Fri	-0.9	8:44 AM
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29	Fri	-0.7	7:45 AM
30	Sat	-0.7	8:17 AM
31	Sun	-0.5	8:48 AM

1

2

3

4

5

6

7

Commercial Opening
8

8

9

Commercial Opening

CLOSED

back-up

Commercial Opening

Open



Marine Resources

Alternative 4:
Open 7-days per week for 1 month (May 12-Jun 12).
Then back-up dates available every other week (last full week in June; every other Thurs-Sat in July)

32 fixed dates
13 back-up dates

May			
Date	Day	Tide	Time
1	Sun	-0.8	7:32 AM
2	Mon	-0.9	8:08 AM
3	Tue	-0.8	8:45 AM
4	Wed	-0.6	9:25 AM
5	Thu	-0.3	10:08 AM
6	Fri	0.0	10:57 AM
7	Sat	0.3	11:51 AM
8	Sun	--	--
9	Mon	3.8	1:18 AM
10	Tue	3.3	2:31 AM
11	Wed	2.5	3:28 AM
12	Thu	1.6	4:16 AM
13	Fri	0.5	5:00 AM
14	Sat	-0.5	5:43 AM
15	Sun	-1.3	6:27 AM
16	Mon	-2.0	7:11 AM
17	Tue	-2.3	7:59 AM
18	Wed	-2.4	8:48 AM
19	Thu	-2.1	9:41 AM
20	Fri	-1.7	10:38 AM
21	Sat	-1.2	11:37 AM
22	Sun	--	--
23	Mon	2.9	1:21 AM
24	Tue	2.2	2:38 AM
25	Wed	1.4	3:43 AM
26	Thu	0.6	4:36 AM
27	Fri	-0.1	5:21 AM
28	Sat	-0.6	6:01 AM
29	Sun	-0.9	6:38 AM
30	Mon	-1.1	7:14 AM
31	Tue	-1.1	7:49 AM

OPEN

June			
Date	Day	Tide	Time
1	Wed	-1.0	8:26 AM
2	Thu	-0.8	9:04 AM
3	Fri	-0.6	9:44 AM
4	Sat	-0.4	10:26 AM
5	Sun	-0.1	11:10 AM
6	Mon	0.2	11:55 AM
7	Tue	3.5	12:40 AM
8	Wed	2.8	1:50 AM
9	Thu	2.0	2:52 AM
10	Fri	0.9	3:45 AM
11	Sat	-0.1	4:34 AM
12	Sun	-1.1	5:22 AM
13	Mon	-1.9	6:09 AM
14	Tue	-2.4	6:57 AM
15	Wed	-2.7	7:46 AM
16	Thu	-2.6	8:26 AM
17	Fri	-2.3	9:27 AM
18	Sat	-1.7	10:18 AM
19	Sun	-1.0	11:10 AM
20	Mon	--	--
21	Tue	2.3	1:01 AM
22	Wed	1.7	2:15 AM
23	Thu	1.0	3:20 AM
24	Fri	0.4	4:15 AM
25	Sat	-0.1	5:02 AM
26	Sun	-0.5	5:43 AM
27	Mon	-0.7	6:21 AM
28	Tue	-0.9	6:57 AM
29	Wed	-1.0	7:33 AM
30	Thu	-0.9	8:08 AM

OPEN

CLOSED

Back-up

Commercial Opening

July			
Date	Day	Tide	Time
1	Fri	-0.9	8:44 AM
2	Sat	-0.7	9:19 AM
3	Sun	-0.4	9:54 AM
4	Mon	-0.1	10:30 AM
5	Tue	0.5	11:07 AM
6	Wed	2.9	12:01 AM
7	Thu	2.3	1:08 AM
8	Fri	1.5	2:14 AM
9	Sat	0.5	3:15 AM
10	Sun	-0.4	4:11 AM
11	Mon	-1.3	5:04 AM
12	Tue	-1.9	5:55 AM
13	Wed	-2.3	6:45 AM
14	Thu	-2.5	7:33 AM
15	Fri	-2.3	8:20 AM
16	Sat	-1.9	9:06 AM
17	Sun	-1.2	9:51 AM
18	Mon	-0.4	10:35 AM
19	Tue	0.6	11:19 AM
20	Wed	1.8	12:28 AM
21	Thu	1.4	1:39 AM
22	Fri	1.0	2:47 AM
23	Sat	0.6	3:46 AM
24	Sun	0.2	4:37 AM
25	Mon	-0.1	5:22 AM
26	Tue	-0.4	6:02 AM
27	Wed	-0.6	6:38 AM
28	Thu	-0.7	7:13 AM
29	Fri	-0.7	7:45 AM
30	Sat	-0.7	8:17 AM
31	Sun	-0.5	8:48 AM

CLOSED

back-up

Commercial Opening

CLOSED

back-up

Commercial Opening

CLOSED



Marine Resources

**Alternative 5:
Open 7-days
per week May
& June.**

**Then "back-
up" dates 3-
days per week
every other
week in July.**

**50 fixed dates
6 back-up
dates**

OPEN

May			
Date	Day	Tide	Time
1	Sun	-0.8	7:32 AM
2	Mon	-0.9	8:08 AM
3	Tue	-0.8	8:45 AM
4	Wed	-0.6	9:25 AM
5	Thu	-0.3	10:08 AM
6	Fri	0.0	10:57 AM
7	Sat	0.3	11:51 AM
8	Sun	--	--
9	Mon	3.8	1:18 AM
10	Tue	3.3	2:31 AM
11	Wed	2.5	3:28 AM
12	Thu	1.6	4:16 AM
13	Fri	0.5	5:00 AM
14	Sat	-0.5	5:43 AM
15	Sun	-1.3	6:27 AM
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21	Sat	-1.2	11:37 AM
22	Sun	--	--
23	Mon	2.9	1:21 AM
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26	Thu	0.6	4:36 AM
27	Fri	-0.1	5:21 AM
28	Sat	-0.6	6:01 AM
29	Sun	-0.9	6:38 AM
30	Mon	-1.1	7:14 AM
31	Tue	-1.1	7:49 AM

OPEN

Commercial
Opening

June			
Date	Day	Tide	Time
1	Wed	-1.0	8:26 AM
2	Thu	-0.8	9:04 AM
3	Fri	-0.6	9:44 AM
4	Sat	-0.4	10:26 AM
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8	Wed	2.8	1:50 AM
9	Thu	2.0	2:52 AM
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11	Sat	-0.1	4:34 AM
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26	Sun	-0.5	5:43 AM
27	Mon	-0.7	6:21 AM
28	Tue	-0.9	6:57 AM
29	Wed	-1.0	7:33 AM
30	Thu	-0.9	8:08 AM

CLOSED

back-up

Commercial
Opening

CLOSED

back-up

Commercial
Opening

CLOSED

July			
Date	Day	Tide	Time
1	Fri	-0.9	8:44 AM
2	Sat	-0.7	9:19 AM
3	Sun	-0.4	9:54 AM
4	Mon	-0.1	10:30 AM
5	Tue	0.5	11:07 AM
6	Wed	2.9	12:01 AM
7	Thu	2.3	1:08 AM
8	Fri	1.5	2:14 AM
9	Sat	0.5	3:15 AM
10	Sun	-0.4	4:11 AM
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12	Tue	-1.9	5:55 AM
13	Wed	-2.3	6:45 AM
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17	Sun	-1.2	9:51 AM
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26	Tue	-0.4	6:02 AM
27	Wed	-0.6	6:38 AM
28	Thu	-0.7	7:13 AM
29	Fri	-0.7	7:45 AM
30	Sat	-0.7	8:17 AM
31	Sun	-0.5	8:48 AM

Meeting Discussion



Thank you!

Marine Resources Program
Oregon Department of Fish and Wildlife

2040 SE Marine Science Drive
Newport, OR 97365
(541) 867-4741

Lynn Mattes

Lynn.mattes@odfw.Oregon.gov

Christian Heath

Christian.t.heath@odfw.Oregon.gov

