



# Exhibit C

## 2019 Pacific Halibut Fisheries



April 2019  
Lynn Mattes  
Marine Resources Program

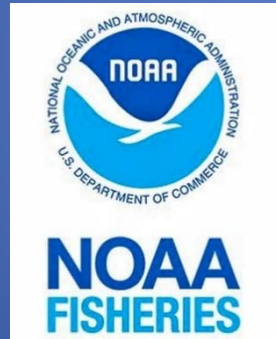
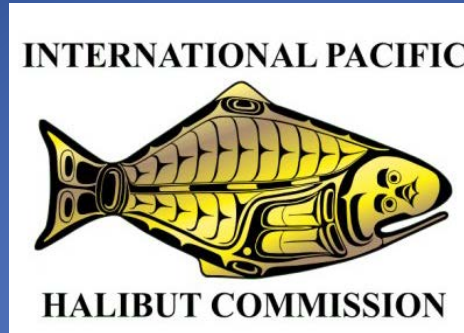


# Commission Actions

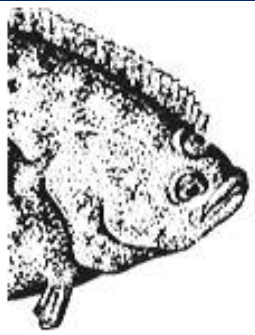
- Sport and commercial Pacific Halibut fisheries
  1. Adopt harvest levels specified by IPHC
  2. Adopt changes to the federal Catch Sharing Plan (CSP)
  3. Adopt recreational season dates
  4. Adopt IPHC commercial opening dates



# Halibut Management Agencies

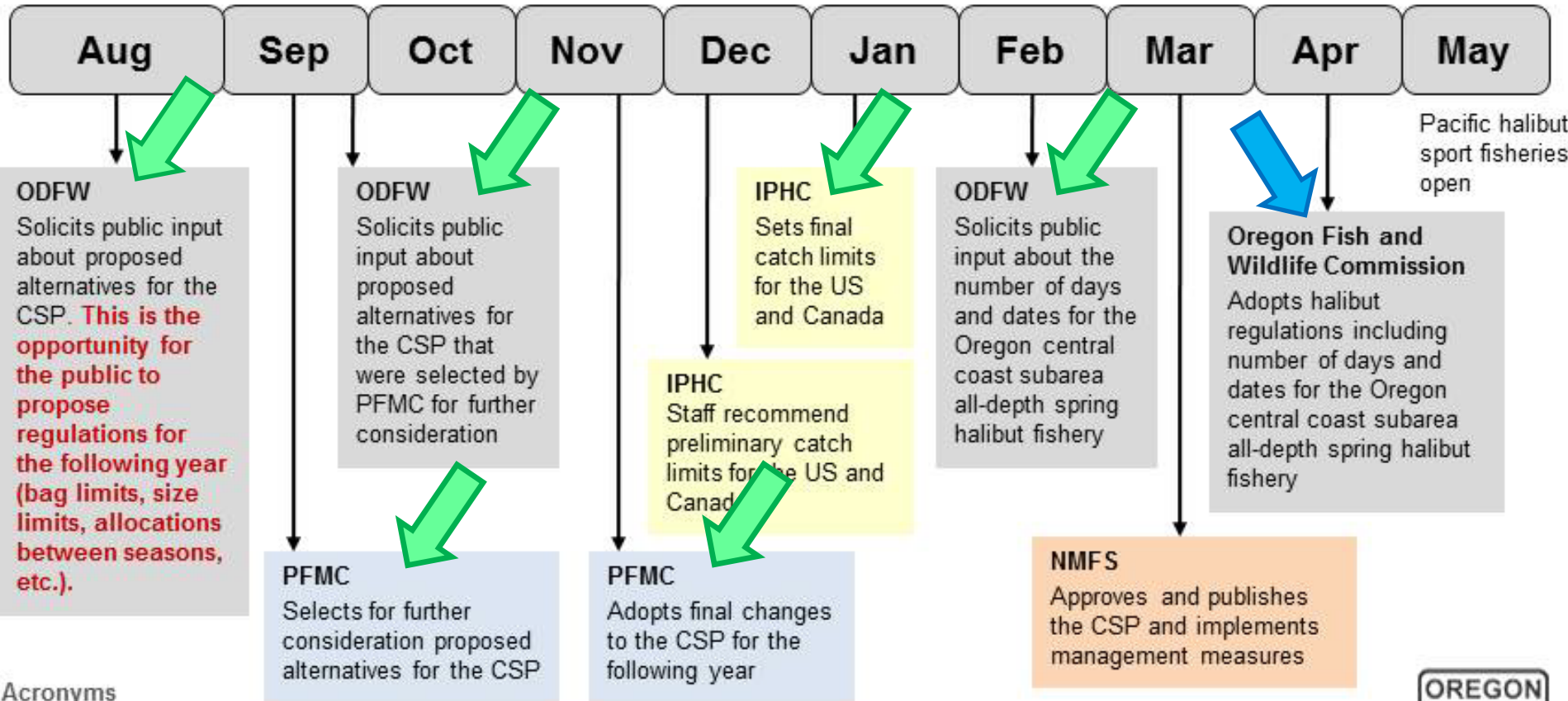






# Timeline for Setting Pacific Halibut Sport Fishing Regulations in Oregon

- Numerous agencies and steps are involved in setting up Oregon's Pacific halibut sport fishery each year.
- The process begins in August when alternatives are proposed for the Catch Sharing Plan (CSP).
- The CSP indicates how Pacific halibut are allocated between user groups in Oregon, Washington and California, and it spells out how Pacific halibut will be managed during the year.



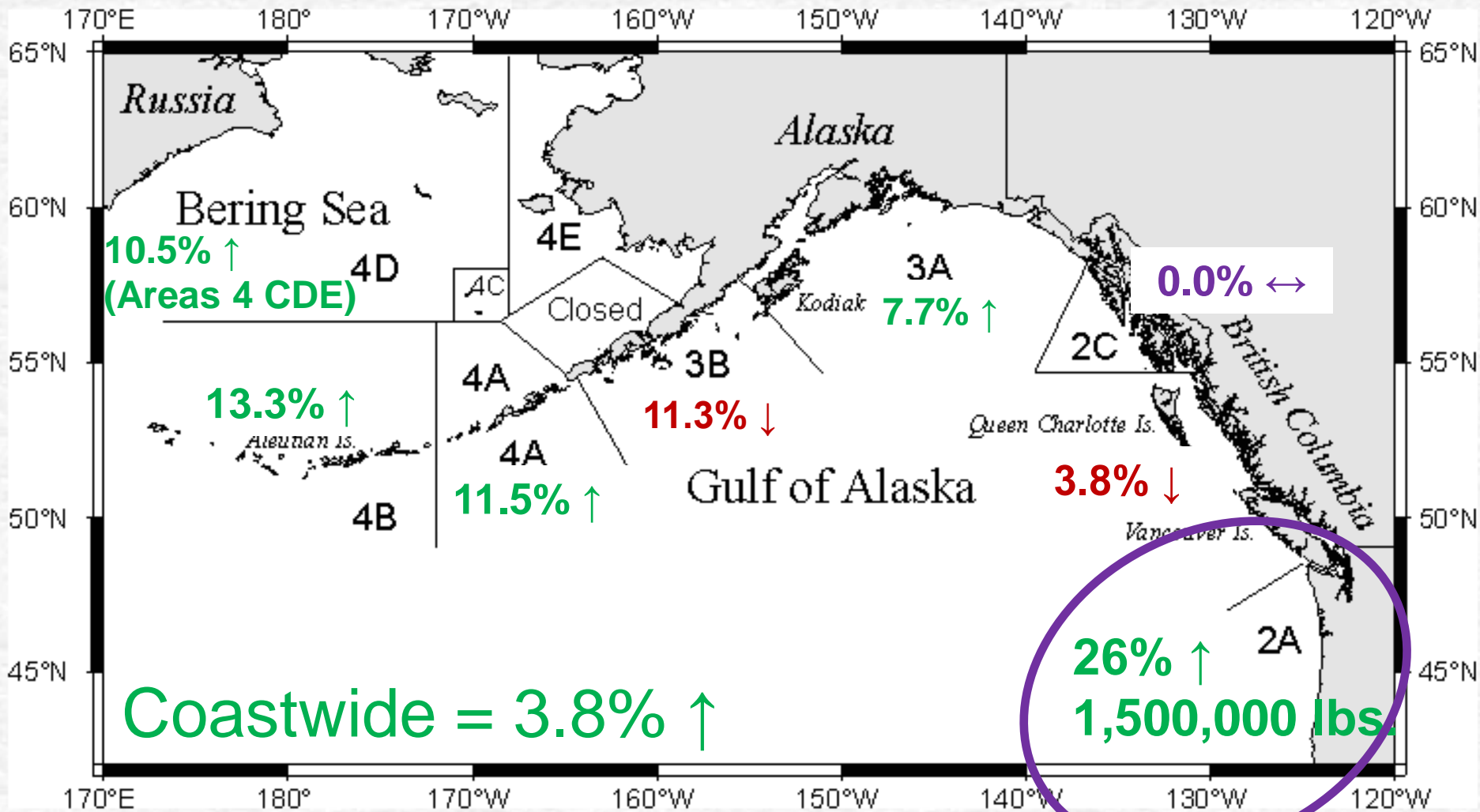
### Acronyms

- CSP: Catch Sharing Plan
- IPHC: International Pacific Halibut Commission
- NMFS: National Marine Fisheries Service
- ODFW: Oregon Department of Fish and Wildlife
- PFMC: Pacific Fishery Management Council



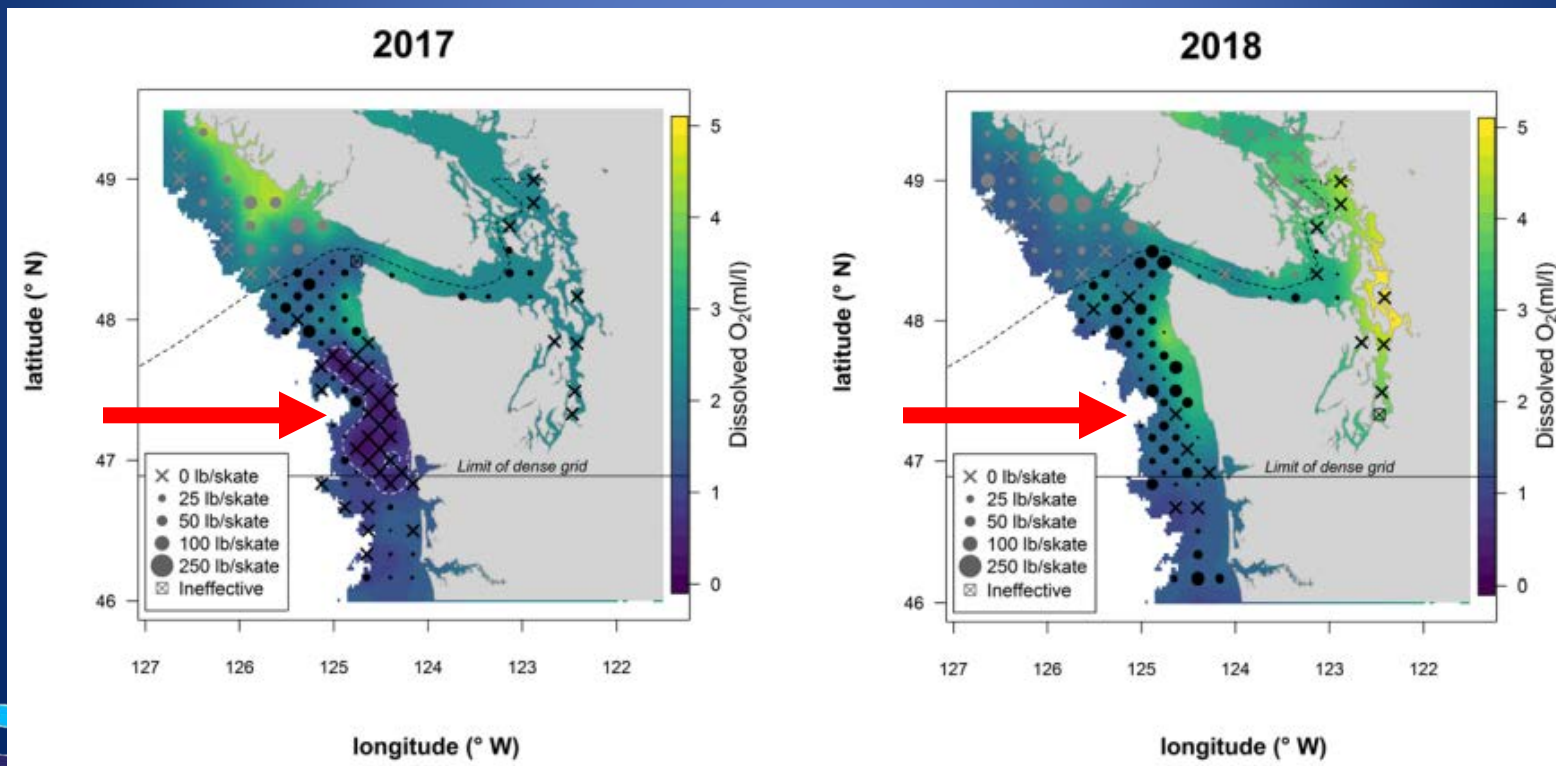


# Halibut Harvest Limit by Area



# Area 2A Catch Limit

- 2018 IPHC stock assessment survey
  - No issue with timing like in 2017
  - No large hypoxic area off of Washington







# Area 2A Catch Limit

- 2018 catch limit = 1,190,000 lbs.
- Applying default harvest control rules and apportionment would equal 680,000 lbs.
- Using the 2018 harvest rate would equal 740,000 lbs.
- Proposal by Makah Tribe to set at 1,500,000 lbs.
  - Area 2A has reduced trawl mortality from 300-500,000 lbs. to < 100,000 lbs. annually since 2011
  - Southern end of range
  - No conservation concern



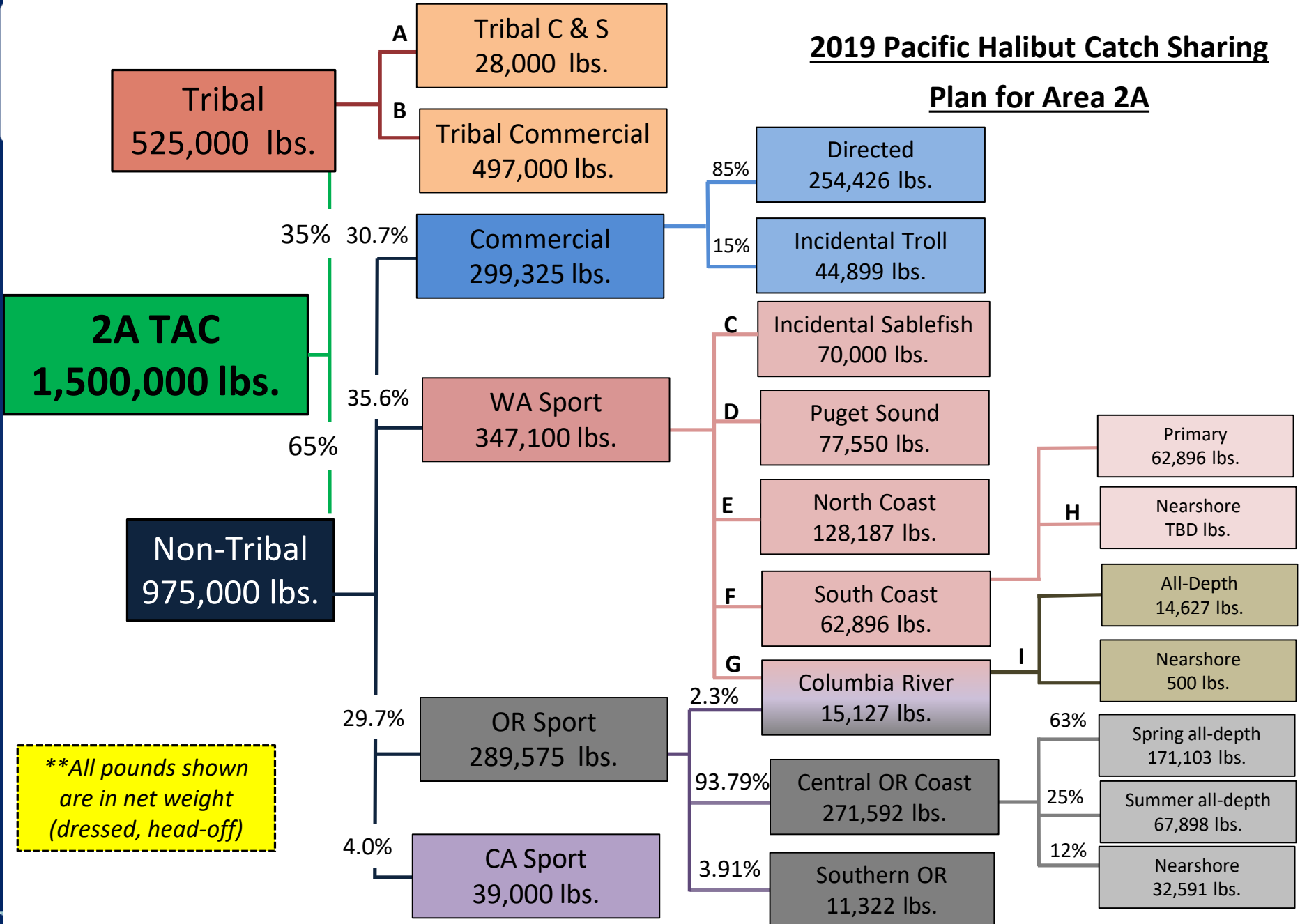
# Area 2A Catch Limit

- IPHC Commissioners approved 1,500,000 lbs.
  - For 4 years (2019-2022)
  - Unless a significant conservation concern arises
  - Provides some stability for Area 2A
  - Better meets Treaty obligations with WA Tribes





# 2019 Pacific Halibut Catch Sharing Plan for Area 2A



**\*\*All pounds shown are in net weight (dressed, head-off)**

Letters A-J explained on next page



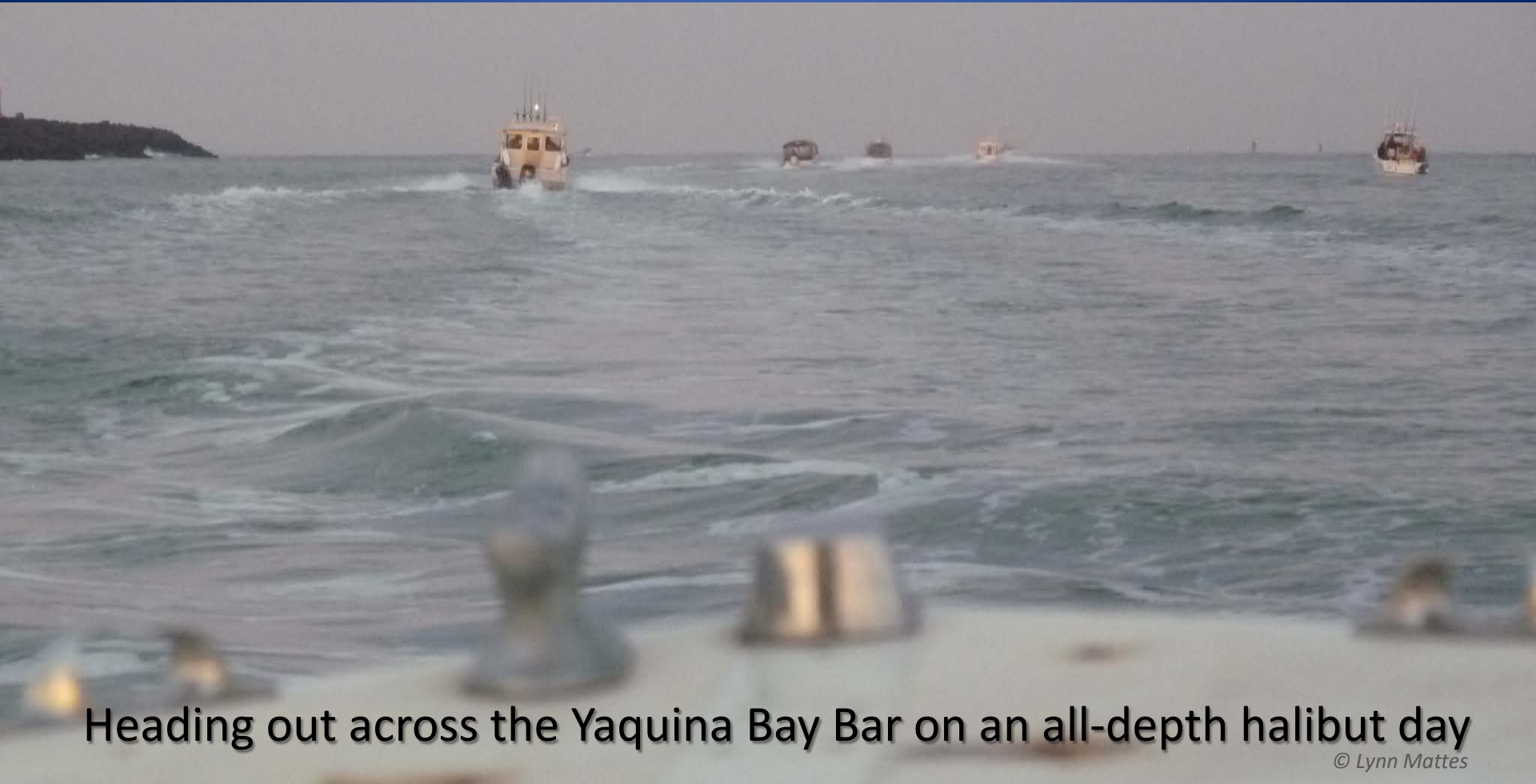
# Changes to the Catch Sharing Plan

- Columbia River Subarea
  - All-depth fishery days open per week
    - Changed from Thursday, Friday, and Sunday
    - To specific dates, set in coordination with WDFW, ODFW, and anglers
      - Thurs, May 2 & Sun, May 5
      - Thurs, May 9 & Sun, May 12
      - Fri, May 24 & Sun, May 26
      - If quota remains, open every Thurs & Sun
  - Aligns open dates with other subareas in Washington
    - Prevent effort shift like last year when this area opened a week prior to any other area in WA or OR

Not a  
typo



# Recreational Fishing Seasons



Heading out across the Yaquina Bay Bar on an all-depth halibut day

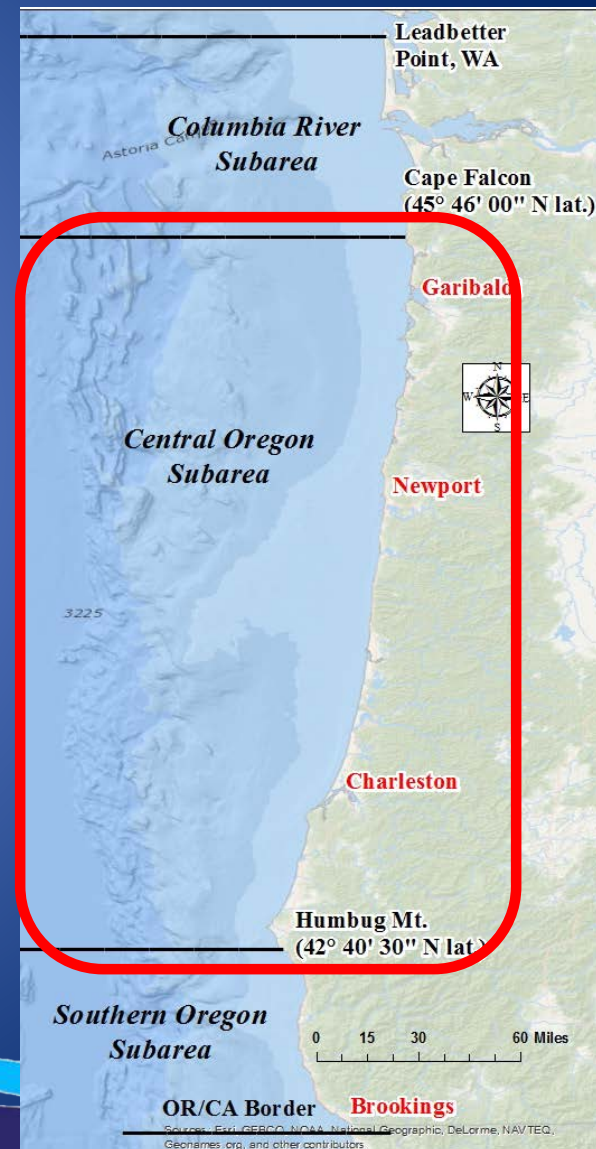
*© Lynn Mattes*





# Central Oregon Coast Subarea Seasons

- Spring all-depth dates recommended annually by ODFW
  - “fixed” and “back-up” dates
  - Within limitations in the CSP
  - Accommodate angler preferences
  - Public input via:
    - e-mail, phone calls, a public meeting which was webcast, and online survey
    - ~100 individuals





# Central Oregon Coast Subarea Seasons

- How many “fixed dates”?
  - “Fixed dates” allow anglers to make plans
  - Too few could leave quota on the table
  - Too many could exceed quota
    - subtracted from summer and/or nearshore





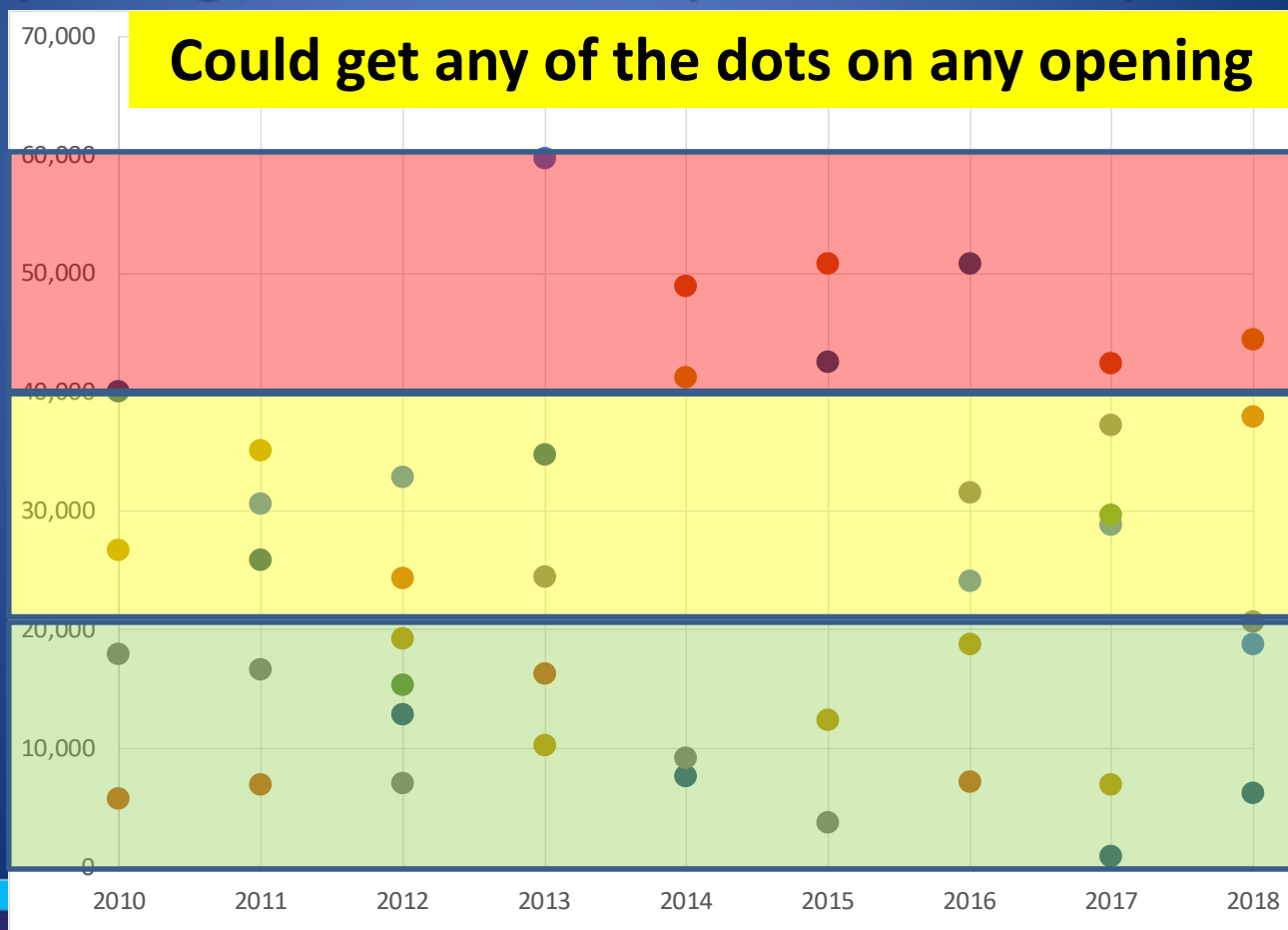
# Central Oregon Coast Subarea Seasons

- Impossible to predict how much will be landed each opening; varies weekly and annually

**High Catch**  
(Great weather & bite)

**Medium Catch**  
(Okay weather & bite)

**Low Catch**  
(Bad weather & bite)



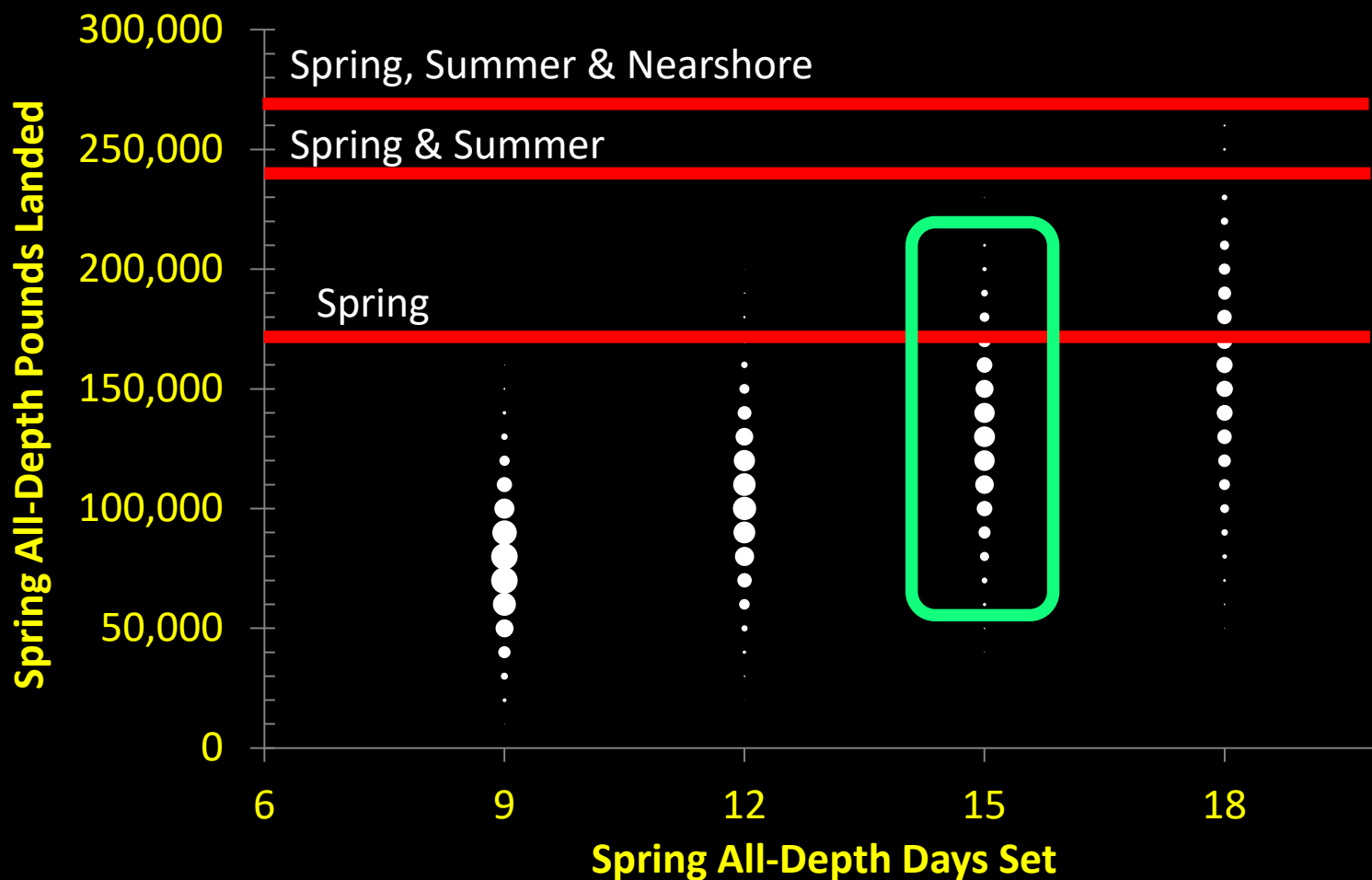




# 100,000 Simulated Seasons

Each dot is the total lbs caught for 9-18 fixed dates

Bigger dots = higher chance





# Central Oregon Coast Subarea Seasons

- When to schedule "fixed dates"
  - Do we skip tides?
  - a.m. tides in excess of -1.0 feet
  - Skipping tides can extend the openings later into June/July
  - Not skipping tides has bulk of fishery in May and early June
    - When "there is nothing else to fish for"
    - salmon & tuna have not started



# Possible Spring All-Depth Dates

May					June					July				
Date	Day	Tide	Time		Date	Day	Tide	Time		Date	Day	Tide	Time	
1	Wed	1.7	5:06 AM		1	Sat	-0.3	5:52 AM		1	Mon	-1.3	6:09 AM	
2	Thu	1.0	5:43 AM		2	Sun	-1.0	6:32 AM		2	Tue	-1.9	6:53 AM	
3	Fri	0.3	6:20 AM		3	Mon	-1.5	7:12 AM		3	Wed	-2.2	7:37 AM	
4	Sat	-0.3	6:56 AM		4	Tue	-1.8	7:53 AM		4	Thu	-2.4	8:21 AM	
5	Sun	-0.8	7:32 AM		5	Wed	-2.0	8:36 AM		5	Fri	-2.2	9:06 AM	
6	Mon	-1.1	8:10 AM		6	Thu	-1.9	9:22 AM		6	Sat	-1.8	9:53 AM	
7	Tue	-1.2	8:51 AM		7	Fri	-1.6	10:11 AM		7	Sun	-1.2	10:41 AM	
8	Wed	-1.2	9:35 AM		8	Sat	-1.2	11:03 AM		8	Mon	-0.4	11:31 AM	
9	Thu	-1.0	10:25 AM		9	Sun	-0.6	11:58 AM		9	Tue	1.8	12:25 AM	
10	Fri	-0.7	11:21 AM		10	Mon	2.7	12:41 AM		10	Wed	1.3	1:38 AM	
11	Sat	-0.4	12:22 PM		11	Tue	2.0	1:58 AM		11	Thu	0.7	2:50 AM	
12	Sun	3.4	12:47 AM		12	Wed	1.2	3:09 AM		12	Fri	0.0	3:53 AM	
13	Mon	2.9	2:09 AM		13	Thu	0.3	4:10 AM		13	Sat	-0.5	4:48 AM	
14	Tue	2.0	3:22 AM		14	Fri	-0.5	5:02 AM		14	Sun	-0.9	5:36 AM	
15	Wed	0.9	4:23 AM		15	Sat	-1.1	5:50 AM		15	Mon	-1.1	6:19 AM	
16	Thu	-0.1	5:15 AM		16	Sun	-1.5	6:34 AM		16	Tue	-1.2	6:59 AM	
17	Fri	-0.9	6:03 AM		17	Mon	-1.6	7:15 AM		17	Wed	-1.2	7:36 AM	
18	Sat	-1.4	6:48 AM		18	Tue	-1.6	7:55 AM		18	Thu	-1.1	8:11 AM	
19	Sun	-1.7	7:31 AM		19	Wed	-1.4	8:33 AM		19	Fri	-0.9	8:45 AM	
20	Mon	-1.7	8:12 AM		20	Thu	-1.1	9:11 AM		20	Sat	-0.5	9:19 AM	
21	Tue	-1.4	8:53 AM		21	Fri	-0.7	9:50 AM		21	Sun	-0.1	9:53 AM	
22	Wed	-1.0	9:35 AM		22	Sat	-0.2	10:29 AM		22	Mon	0.5	10:28 AM	
23	Thu	-0.5	10:19 AM		23	Sun	0.3	11:11 AM		23	Tue	1.0	11:05 AM	
24	Fri	0.0	11:06 AM		24	Mon	0.8	11:55 AM		24	Wed	2.4	12:02 AM	
25	Sat	0.5	11:56 AM		25	Tue	3.0	12:53 AM		25	Thu	2.1	1:04 AM	
26	Sun	3.7	12:31 AM		26	Wed	2.5	1:59 AM		26	Fri	1.6	2:09 AM	
27	Mon	3.4	1:44 AM		27	Thu	1.8	3:00 AM		27	Sat	0.9	3:11 AM	
28	Tue	2.8	2:52 AM		28	Fri	1.0	3:53 AM		28	Sun	0.1	4:07 AM	
29	Wed	2.0	3:47 AM		29	Sat	0.2	4:40 AM		29	Mon	-0.7	4:58 AM	
30	Thu	1.2	4:32 AM		30	Sun	-0.6	5:25 AM		30	Tue	-1.4	5:46 AM	
31	Fri	0.4	5:13 AM							31	Wed	-1.9	6:33 AM	





# Staff Recommended Dates

May				
	Date	Day	Tide	Time
	1	Wed	1.7	5:06 AM
	2	Thu	1.0	5:43 AM
	3	Fri	0.3	6:20 AM
	4	Sat	-0.3	6:56 AM
	5	Sun	-0.8	7:32 AM
	6	Mon	-1.1	8:10 AM
	7	Tue	-1.2	8:51 AM
	8	Wed	-1.2	9:35 AM
1	9	Thu	-1.0	10:25 AM
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	11	Sat	-0.4	12:22 PM
	12	Sun	3.4	12:47 AM
	13	Mon	2.9	2:09 AM
	14	Tue	2.0	3:22 AM
	15	Wed	0.9	4:23 AM
2	16	Thu	-0.1	5:15 AM
	17	Fri	-0.9	6:03 AM
	18	Sat	-1.4	6:48 AM
	19	Sun	-1.7	7:31 AM
	20	Mon	-1.7	8:12 AM
	21	Tue	-1.4	8:53 AM
	22	Wed	-1.0	9:35 AM
3	23	Thu	-0.5	10:19 AM
	24	Fri	0.0	11:06 AM
	25	Sat	0.5	11:56 AM
	26	Sun	3.7	12:31 AM
	27	Mon	3.4	1:44 AM
	28	Tue	2.8	2:52 AM
	29	Wed	2.0	3:47 AM
4	30	Thu	1.2	4:32 AM
	31	Fri	0.4	5:13 AM

June				
	Date	Day	Tide	Time
4	1	Sat	-0.3	5:52 AM
	2	Sun	-1.0	6:32 AM
	3	Mon	-1.5	7:12 AM
	4	Tue	-1.8	7:53 AM
	5	Wed	-2.0	8:36 AM
5	6	Thu	-1.9	9:22 AM
	7	Fri	-1.6	10:11 AM
	8	Sat	-1.2	11:03 AM
	9	Sun	-0.6	11:58 AM
	10	Mon	2.7	12:41 AM
	11	Tue	2.0	1:58 AM
	12	Wed	1.2	3:09 AM
closed	13	Thu	0.3	4:10 AM
	14	Fri	-0.5	5:02 AM
	15	Sat	-1.1	5:50 AM
	16	Sun	-1.5	6:34 AM
	17	Mon	-1.6	7:15 AM
	18	Tue	-1.6	7:55 AM
	19	Wed	-1.4	8:33 AM
back-up	20	Thu	-1.1	9:11 AM
	21	Fri	-0.7	9:50 AM
	22	Sat	-0.2	10:29 AM
	23	Sun	0.3	11:11 AM
	24	Mon	0.8	11:55 AM
Commercial	25	Tue	3.0	12:53 AM
	26	Wed	2.5	1:59 AM
closed	27	Thu	1.8	3:00 AM
	28	Fri	1.0	3:53 AM
	29	Sat	0.2	4:40 AM
	30	Sun	-0.6	5:25 AM

July				
	Date	Day	Tide	Time
	1	Mon	-1.3	6:09 AM
	2	Tue	-1.9	6:53 AM
	3	Wed	-2.2	7:37 AM
back-up	4	Thu	-2.4	8:21 AM
	5	Fri	-2.2	9:06 AM
	6	Sat	-1.8	9:53 AM
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	9	Tue	1.8	12:25 AM
Commercial	10	Wed	1.3	1:38 AM
closed	11	Thu	0.7	2:50 AM
	12	Fri	0.0	3:53 AM
	13	Sat	-0.5	4:48 AM
	14	Sun	-0.9	5:36 AM
	15	Mon	-1.1	6:19 AM
	16	Tue	-1.2	6:59 AM
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back-up	18	Thu	-1.1	8:11 AM
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	28	Sun	0.1	4:07 AM
	29	Mon	-0.7	4:58 AM
	30	Tue	-1.4	5:46 AM
	31	Wed	-1.9	6:33 AM



# Central Oregon Coast Subarea Seasons

- Summer all-depth season set in CSP
  - Opens 1<sup>st</sup> Friday in August (Aug 2, 2019)
  - Open every other Friday and Saturday until October 31 or quota attained
- Nearshore season set in CSP
  - Open June 1-October 31, 7 days per week, or until quota attained



# Other Subareas' Seasons

- Columbia River Subarea sport fishery
  - Dates set in Catch Sharing Plan
  - All-depth season:
    - Open May 2, May 5, May 9, May 12, May 24, May 26
    - If quota remains, open every Thurs and Sun.
  - Nearshore season:
    - open every Mon-Wed, May 6-Sept 30
  - Both seasons close if quota is attained







# Other Subareas' Seasons

- Southern Oregon Subarea sport fishery
  - Opens May 1, 7 days per week until Oct 31, or the quota is caught







# Commercial Fishery





# Commercial Fishery Season

- Commercial fishery (set by IPHC)
  - 10-hour openings, every other Wednesday, beginning June 26, 2019
    - Thursday, June 27 added by IPHC staff
    - PFMC, harvesters, processors, enforcement all have concerns
    - Requested IPHC not open that date
  - 2-3 openings in most recent years
  - IPHC announces trip limits in mid-May,
    - Depends on number of licenses applied for
    - Based on vessel size



# Commercial Fishery Season

- IPHC requested PFMC look into doing something other than the "derby" fishery
  - NMFS and Council organizing a workshop
    - ODFW staff will be involved
  - Sometime this summer
  - Examine possible alternatives to the current 10-hour openings
    - 2, 5, 10, 30 day openings
    - Incidental with sablefish
    - Individual fishing quota
    - Hybrid
  - Implementation would be 2020 at the earliest





# Staff Recommendations

- Adopt recommendations as shown in Attachment 1
  - Adopt the federal rules for Pacific Halibut sport and commercial fisheries by reference, which include:
    1. Harvest levels
    2. The 2019 CSP
    3. Recreational season dates
    4. IPHC commercial opening dates



# Questions?



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