



Exhibit D

2018 Pacific Halibut Fisheries



April 2018
Lynn Mattes
Marine Resources Program



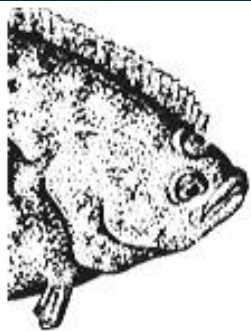
Commission Actions

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



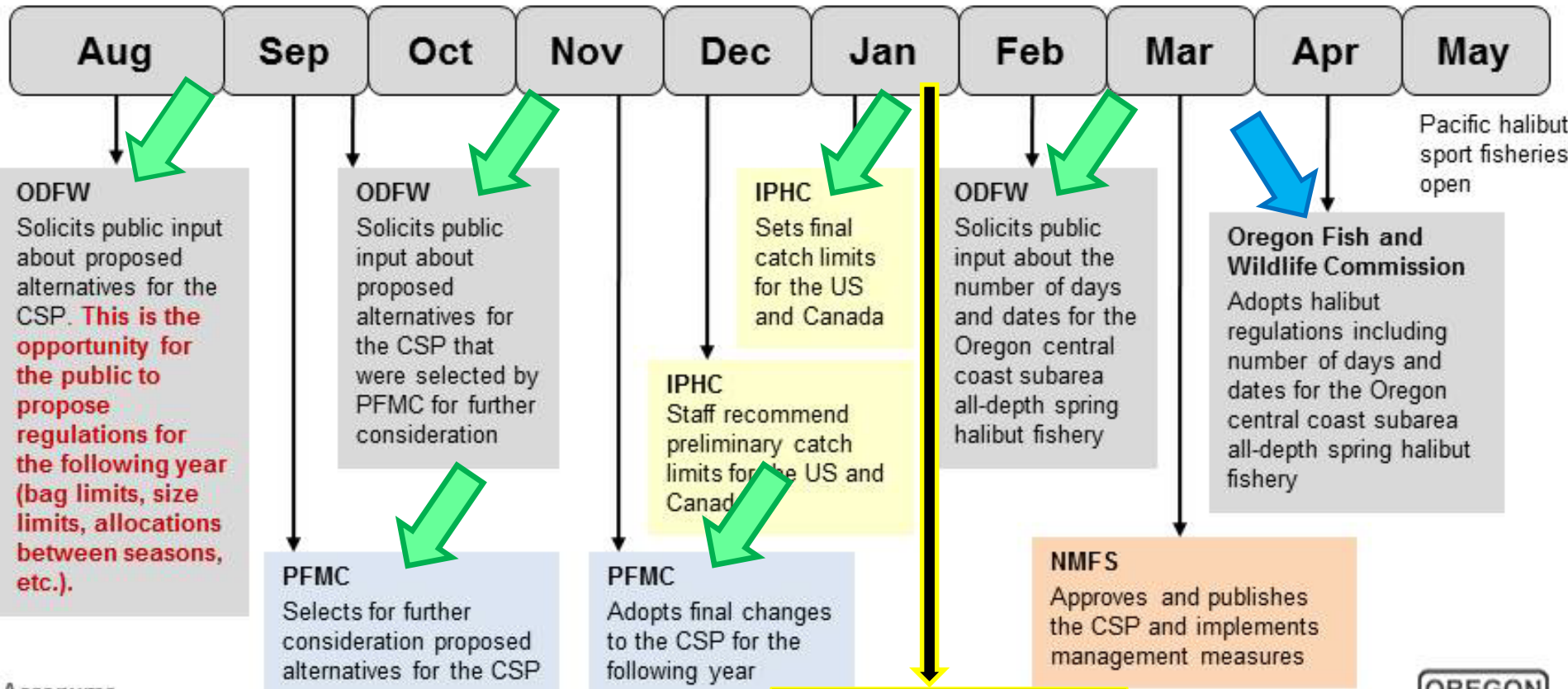
Halibut Regulations Process





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

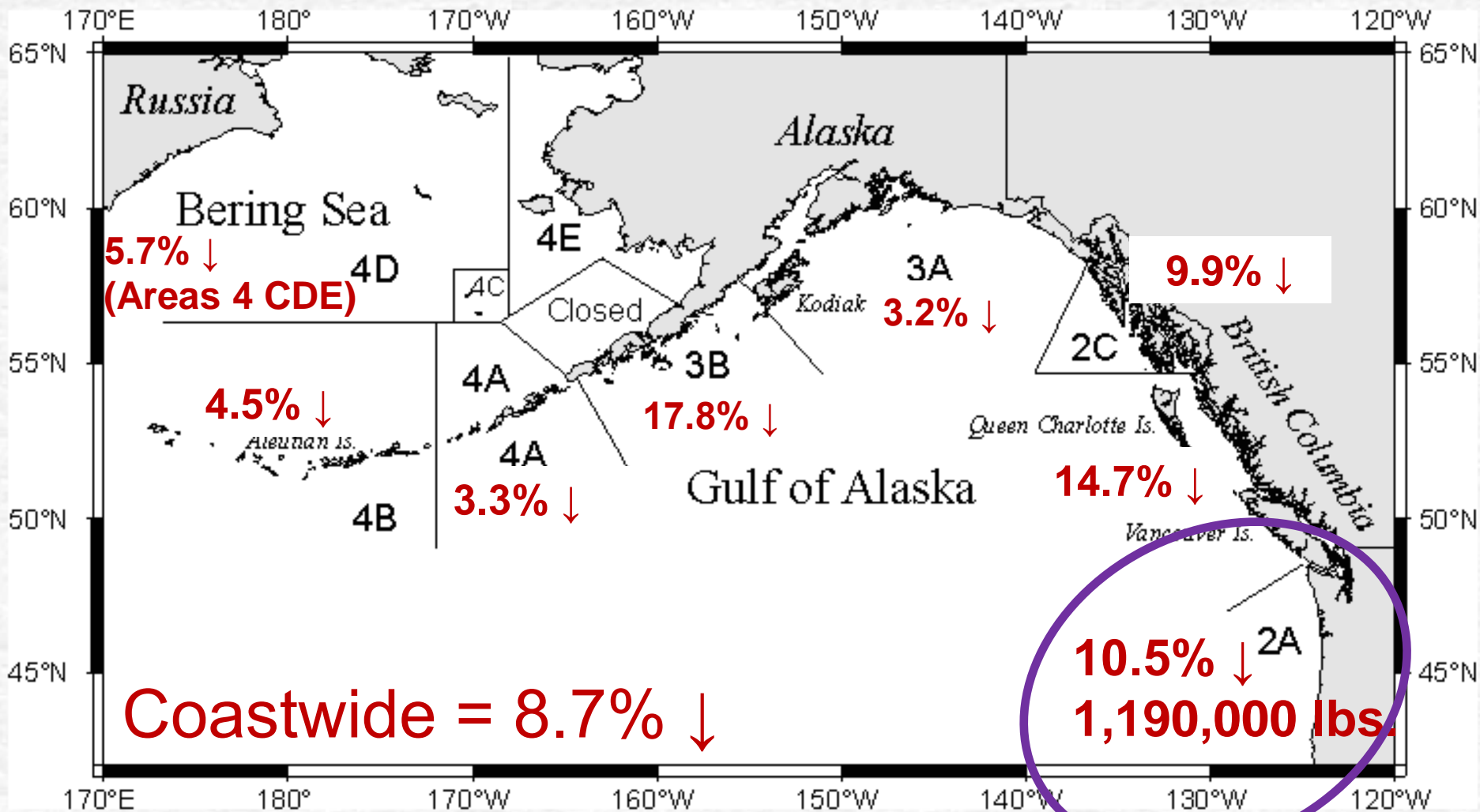
- CSP Catch Sharing Plan
- IPHC International Pacific Halibut Commission
- NMFS National Marine Fisheries Service
- ODFW Oregon Department of Fish and Wildlife
- PFMC Pacific Fishery Management Council



March 2015



Halibut Harvest Limit by Area





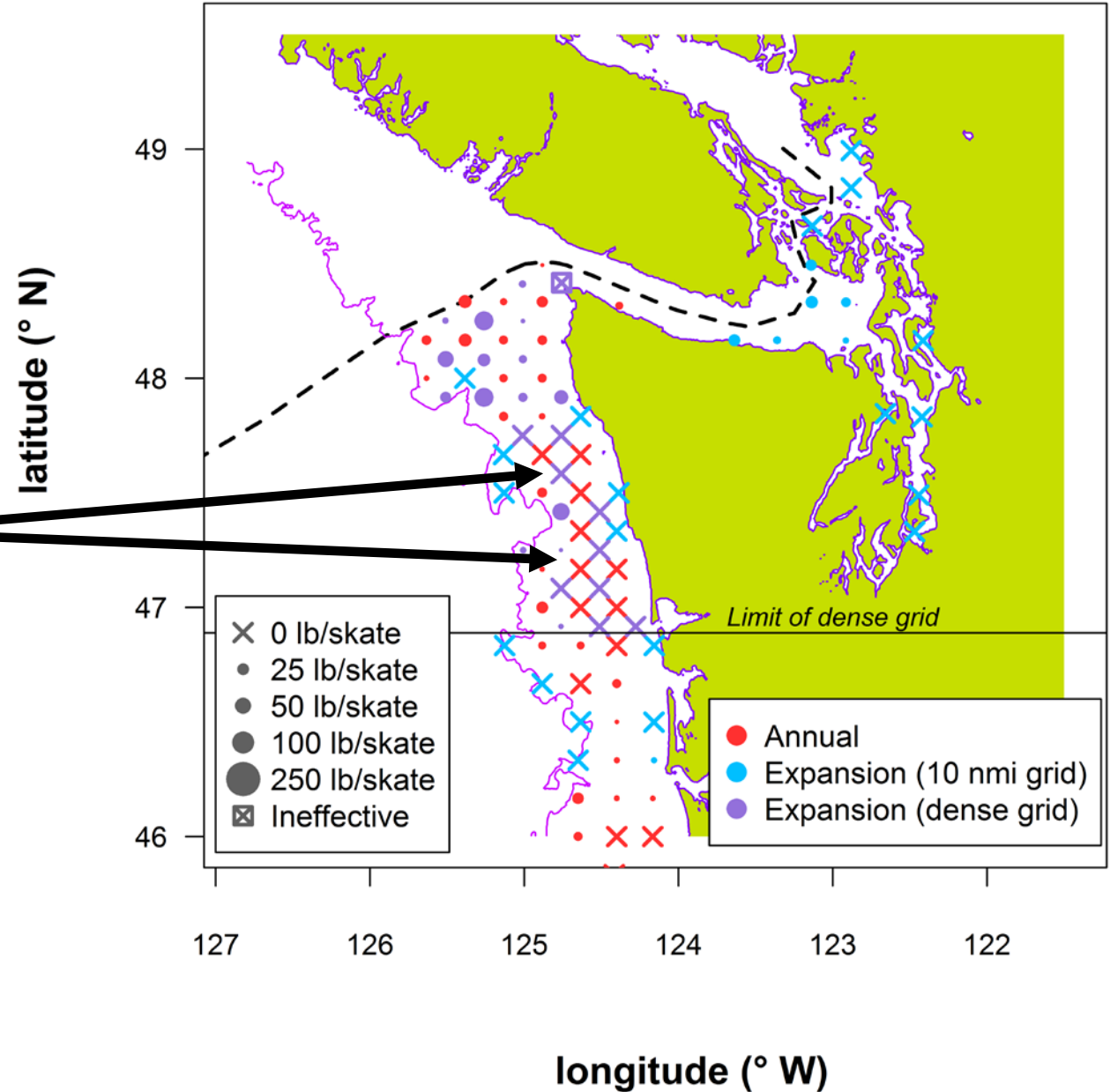
2A Harvest Limit

- New survey stations in Northern California in 2011
 - Surveyed again in 2014 & 2017
- Expanded depth range
- Densified grid off of Northern Washington
- Stock trend in 2A had been relatively stable over last 5 years
- In 2018 survey trend is down
 - Expanded further south toward San Francisco
 - Survey timing
 - Large hypoxia event off of Washington



Area 2A Washington

19 stations in 2017 that normally have halibut on them (X = zero catch)

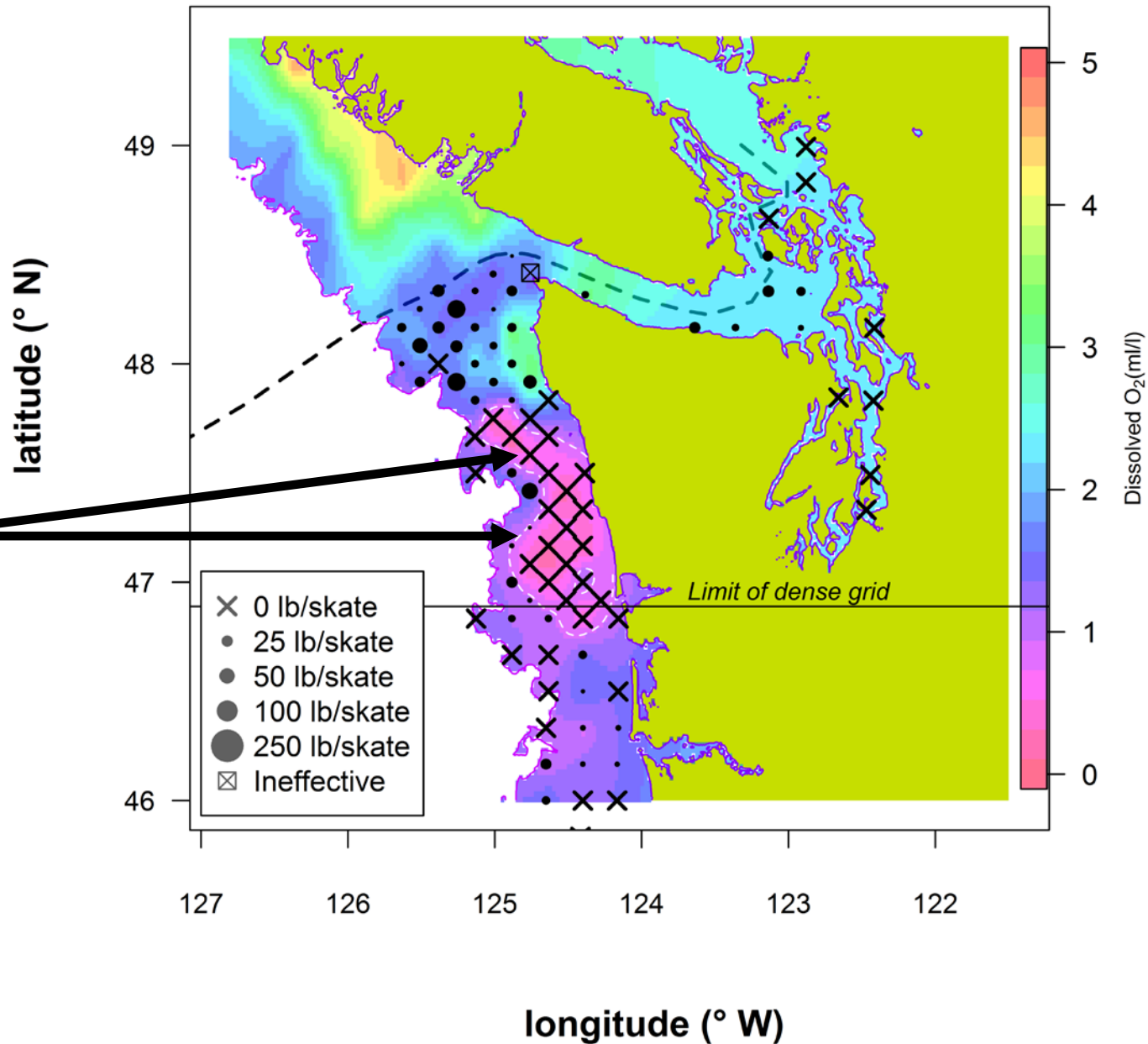




Area 2A

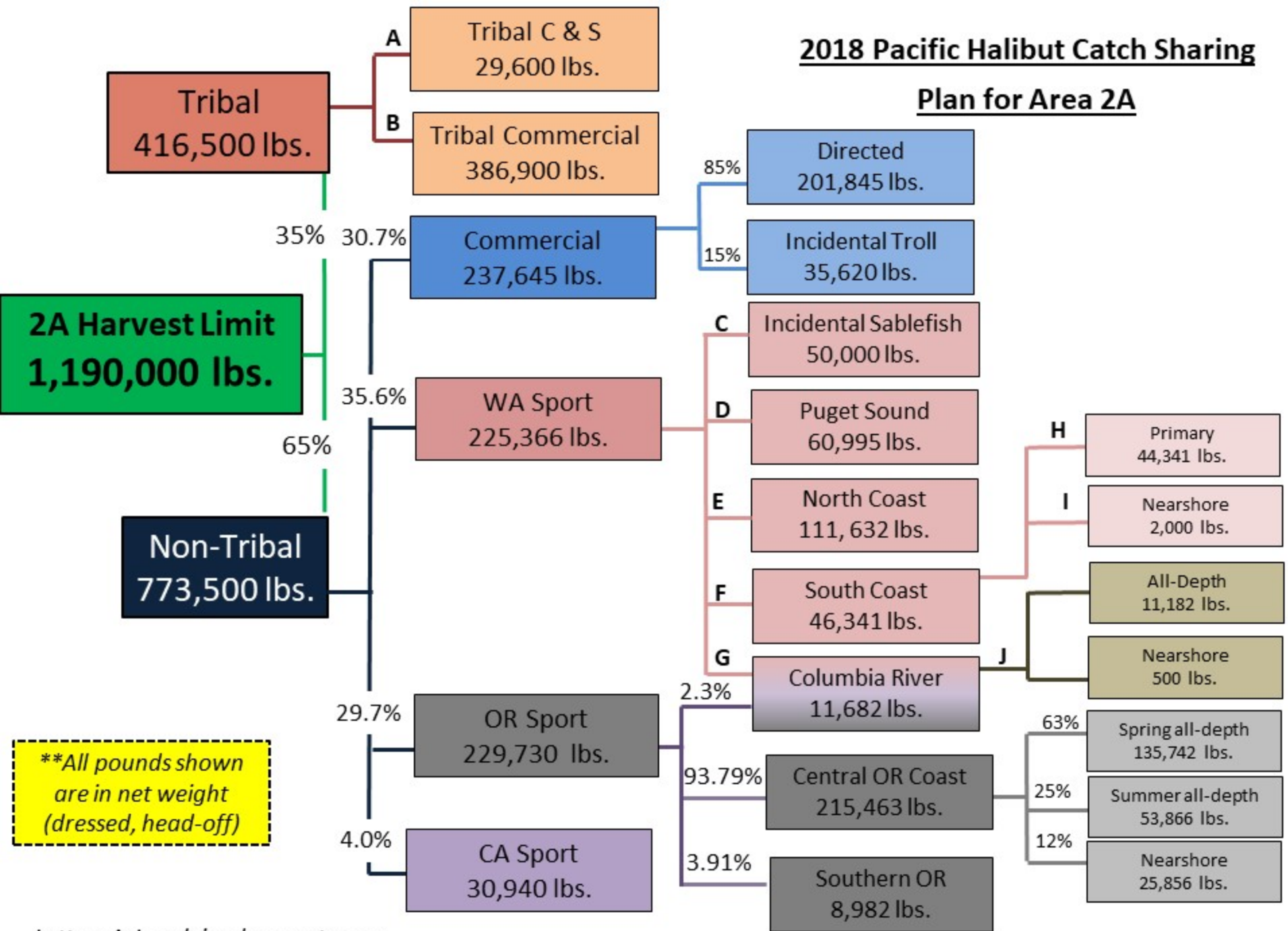
Washington
+ dissolved O₂

During the 2017 IPHC Survey, the area in bright pink had dissolved oxygen levels below 0.9 ml/l, the level below which halibut are unable to live



From 2018 IPHC Annual Meeting

2018 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 CSP

- Columbia River Subarea
 - All-depth fishery number of days open per week
 - Changed from Thurs-Sun
 - To Thursday, Friday, and Sunday. Saturday closed
 - Requested by public
 - Intended to spread the fishery longer into summer
 - Won't change the total number of days open
 - Just spreads open days farther into June, possibly July



Recreational Fishing Seasons

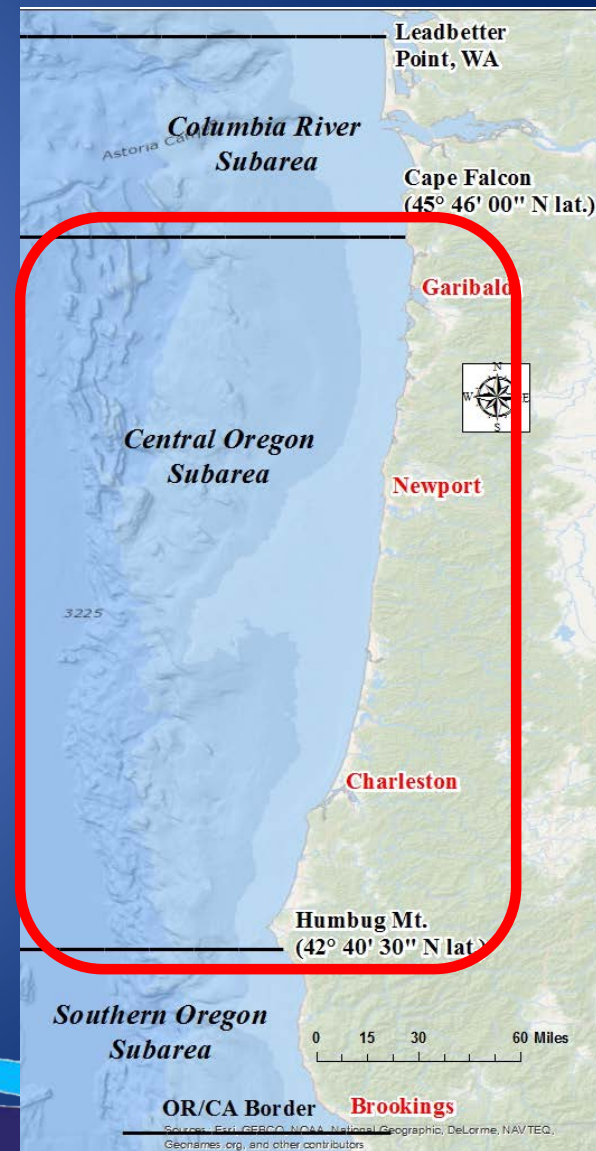


Numbers indicate individual boats leaving Newport on a summer all-depth halibut day.
Photo taken at 6:15 a.m.



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
 - ~200 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

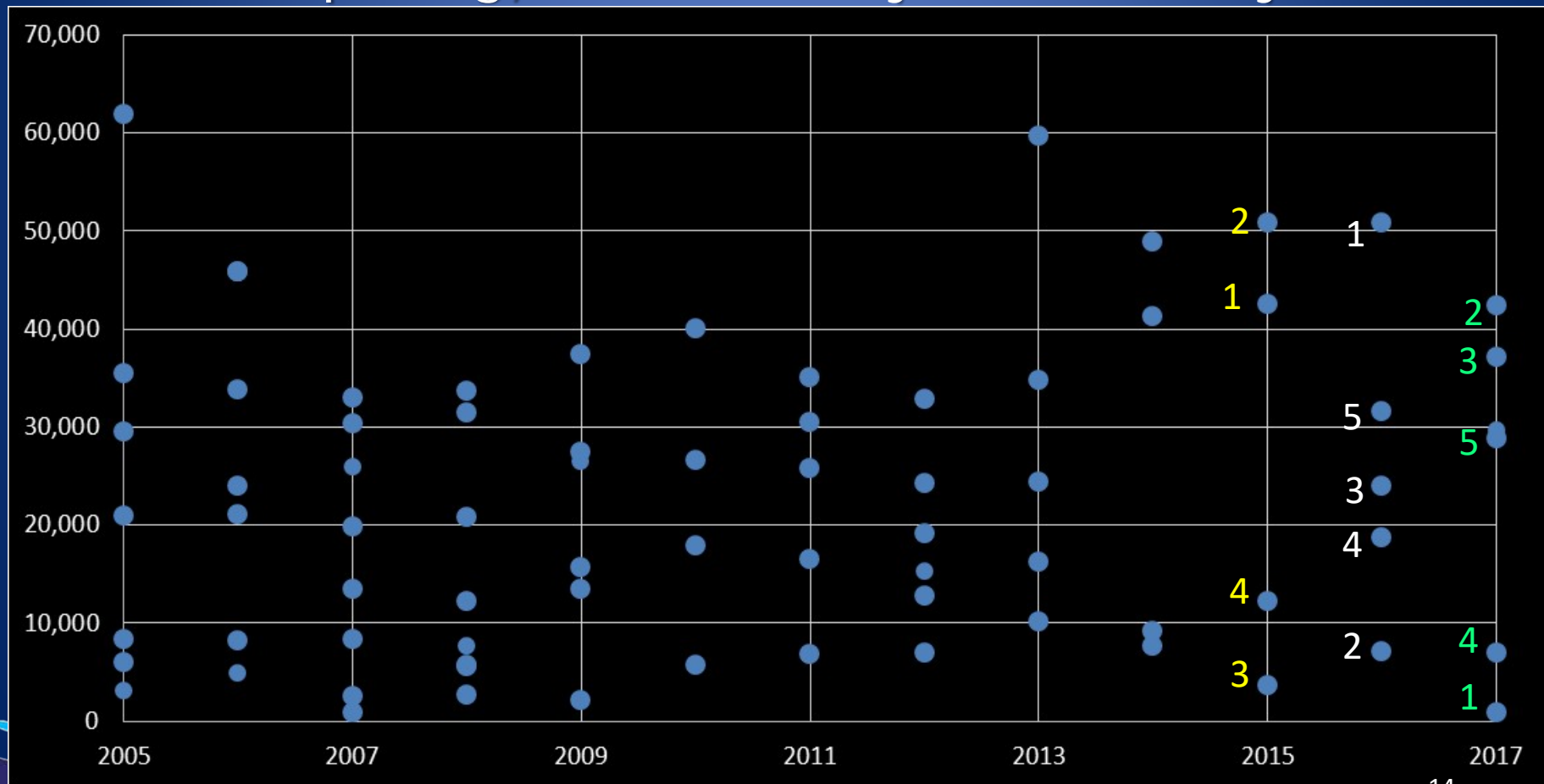


© Lynn Mattes



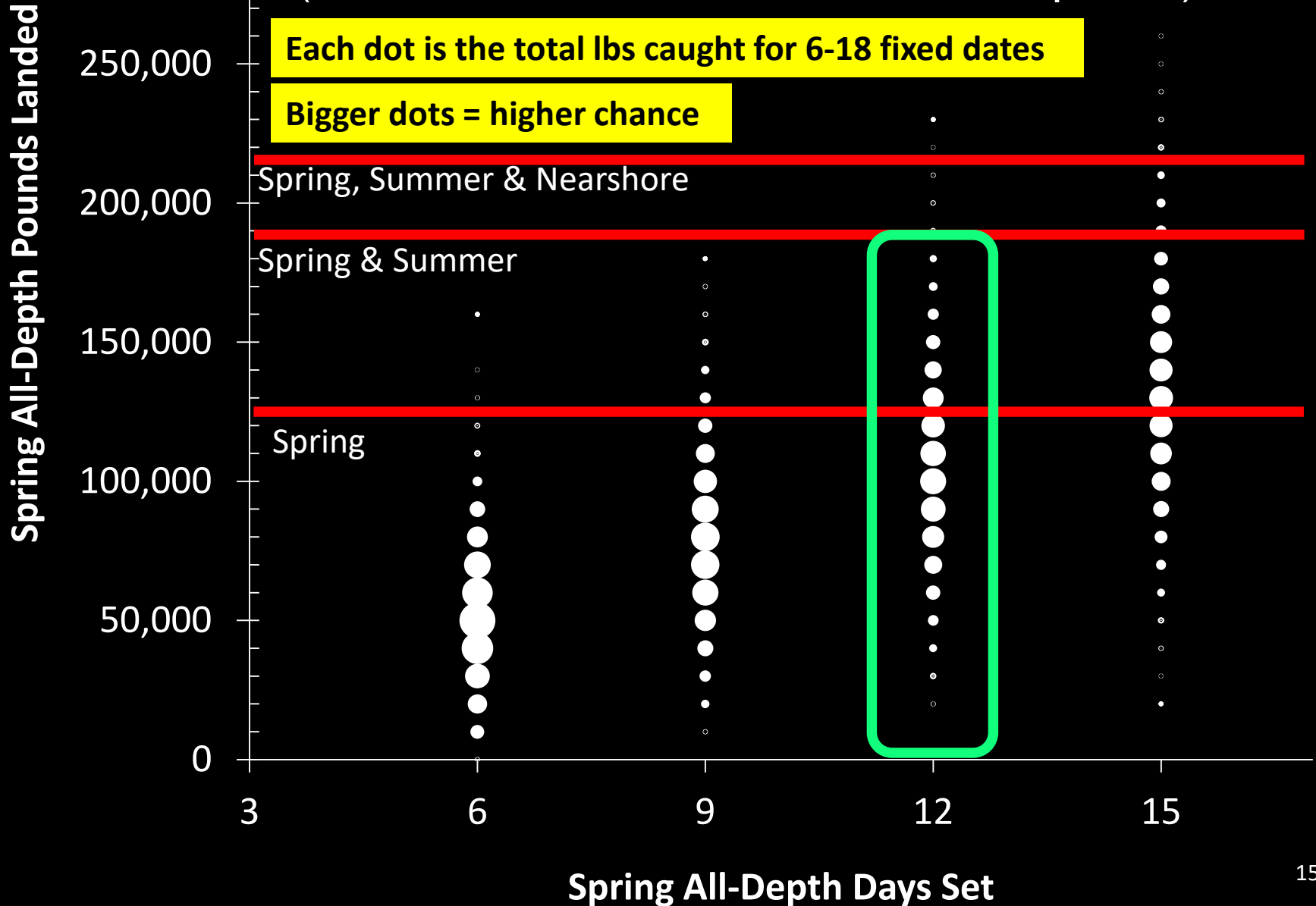
Central Oregon Coast Subarea Seasons

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



Risk Analysis

(for different number of fixed date options)





Central Oregon Coast Subarea Seasons

- When to schedule "fixed dates"
 - Do we skip tides?
 - a.m. tides in excess of -1.0 feet
 - First one in 2018 is May 17-19 (> -2.0 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	Tue	-0.9	8:02 AM		1	Fri	-0.9	8:57 AM		1	Sun	-0.6	9:10 AM
2	Wed	-0.8	8:41 AM		2	Sat	-0.6	9:36 AM		2	Mon	-0.3	9:46 AM
3	Thu	-0.6	9:21 AM		3	Sun	-0.3	10:17 AM		3	Tue	0.1	10:22 AM
4	Fri	-0.3	10:04 AM		4	Mon	0.1	11:00 AM		4	Wed	0.5	11:01 AM
5	Sat	0.1	10:50 AM		5	Tue	0.4	11:46 AM		5	Thu	1.0	11:42 AM
6	Sun	0.4	11:42 AM		6	Wed	0.8	12:35 PM		6	Fri	1.5	12:29 PM
7	Mon	0.7	12:38 PM		7	Thu	1.1	1:25 PM		7	Sat	2.0	1:21 PM
8	Tue	0.8	1:36 PM		8	Fri	2.2	2:44 AM		8	Sun	1.1	3:01 AM
9	Wed	0.9	2:30 PM		9	Sat	1.4	3:37 AM		9	Mon	0.3	3:57 AM
10	Thu	2.5	3:24 AM		10	Sun	0.5	4:25 AM		10	Tue	0.6	4:48 AM
11	Fri	1.8	4:12 AM		11	Mon	-0.5	5:11 AM	Commercial	11	Wed	-1.4	5:37 AM
12	Sat	0.9	4:55 AM		12	Tue	-1.3	5:56 AM		12	Thu	-2.0	6:25 AM
13	Sun	0.1	5:36 AM		13	Wed	-1.9	6:42 AM		13	Fri	-2.3	7:13 AM
14	Mon	-0.7	6:17 AM		14	Thu	-2.3	7:28 AM		14	Sat	-2.3	8:00 AM
15	Tue	-1.3	6:59 AM		15	Fri	-2.4	8:16 AM		15	Sun	-2.0	8:46 AM
16	Wed	-1.8	7:43 AM		16	Sat	-2.3	9:05 AM		16	Mon	-1.5	9:33 AM
17	Thu	-2.0	8:30 AM		17	Sun	-1.9	9:55 AM		17	Tue	-0.8	10:20 AM
18	Fri	-1.9	9:20 AM		18	Mon	-1.3	10:47 AM		18	Wed	0.1	11:09 AM
19	Sat	-1.7	10:12 AM		19	Tue	-0.6	11:41 AM		19	Thu	1.0	11:59 AM
20	Sun	-1.3	11:09 AM		20	Wed	0.2	12:36 PM		20	Fri	1.9	12:54 PM
21	Mon	-0.8	12:09 PM		21	Thu	1.0	1:33 PM		21	Sat	1.1	2:29 AM
22	Tue	-0.2	1:11 PM		22	Fri	1.2	2:57 AM		22	Sun	0.7	3:32 AM
23	Wed	2.3	2:06 AM		23	Sat	0.6	3:57 AM		23	Mon	0.3	4:26 AM
24	Thu	1.6	3:16 AM		24	Sun	0.0	4:48 AM		24	Tue	0.0	5:13 AM
25	Fri	0.8	4:14 AM		25	Mon	-0.4	5:33 AM	Commercial	25	Wed	-0.3	5:53 AM
26	Sat	0.1	5:04 AM		26	Tue	-0.7	6:13 AM		26	Thu	-0.5	6:30 AM
27	Sun	-0.5	5:49 AM	Commercial	27	Wed	-0.9	6:50 AM		27	Fri	-0.6	7:04 AM
28	Mon	-0.8	6:29 AM		28	Thu	-0.9	7:25 AM		28	Sat	-0.6	7:37 AM
29	Tue	-1.0	7:07 AM		29	Fri	-0.9	8:00 AM		29	Sun	-0.5	8:09 AM
30	Wed	-1.1	7:44 AM		30	Sat	-0.8	8:35 AM		30	Mon	-0.3	8:41 AM
31	Thu	-1.0	8:20 AM							31	Tue	0.0	9:13 AM



Staff Recommended Dates

May					June					July				
Date	Day	Tide	Time		Date	Day	Tide	Time		Date	Day	Tide	Time	
	1	Tue	-0.9	8:02 AM		1	Fri	-0.9	8:57 AM		1	Sun	-0.6	9:10 AM
	2	Wed	-0.8	8:41 AM	Closed	2	Sat	-0.6	9:36 AM		2	Mon	-0.3	9:46 AM
	3	Thu	-0.6	9:21 AM		3	Sun	-0.3	10:17 AM		3	Tue	0.1	10:22 AM
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	5	Sat	0.1	10:50 AM		5	Tue	0.4	11:46 AM		5	Thu	1.0	11:42 AM
	6	Sun	0.4	11:42 AM		6	Wed	0.8	12:35 PM	back-up	6	Fri	1.5	12:29 PM
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1	10	Thu	2.5	3:24 AM		10	Sun	0.5	4:25 AM		10	Tue	-0.6	4:48 AM
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Closed	31	Thu	-1.0	8:20 AM							31	Tue	0.0	9:13 AM



Central Oregon Coast Subarea Seasons

- Summer all-depth season set in CSP
 - Opens 1st Friday in August (Aug 3, 2018)
 - 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 every Thurs, Fri, & Sun, May 3-Sept 30
 - Sat closed
 - Nearshore season:
 - open every Mon-Wed, May 7-Sept 30
 - Both seasons close if quota is attained



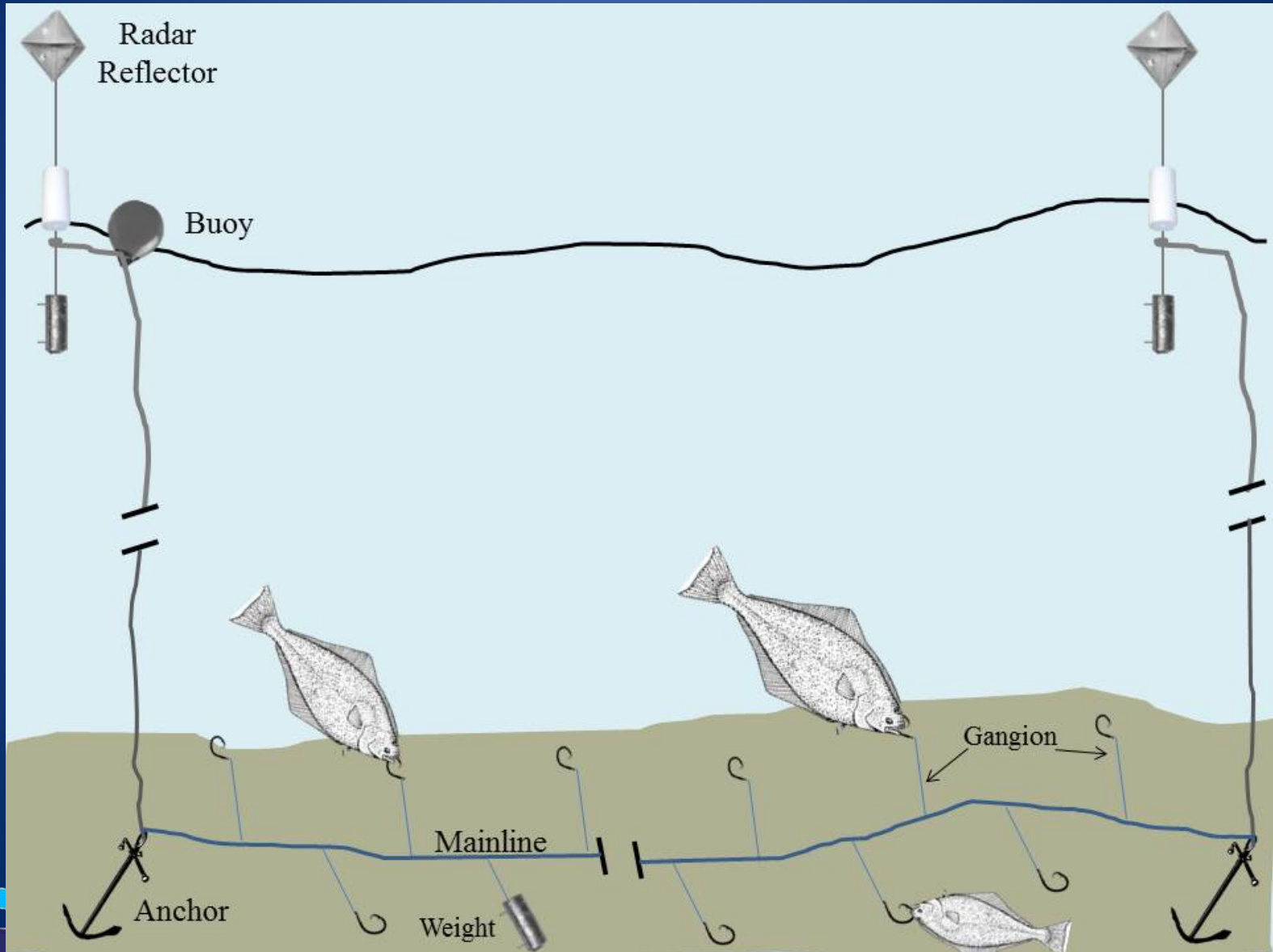


Other Subareas' Seasons

- 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 27, 2018
 - 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
- IPHC requested PFMC look into doing something other than the “derby” fishery
 - Possibilities still being discussed by IPHC and PFMC



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 2018 CSP
 3. Recreational season dates
 4. IPHC commercial opening dates



Questions?



Photo courtesy
of Matt Blume