

**2024 NOF #2
Commercial
Breakout Session
Mar 27th, 2024**



Washington Department of
FISH & WILDLIFE



2024 NOF Commercial Breakout Session

TEAMS MEETING/ CALL LOGISTICS / GROUND RULES

- You can turn your camera on and mute or unmute yourself through the control panel at the bottom of your screen.
- We will keep folks muted during the beginning of our program, then will unmute folks when we open it up for questions and feedback. Callers can unmute yourself by pressing *5 on your phone.
- We ask that you “raise your hand” to ask a question which you can access through the control panel at the bottom of the screen. You can also raise your hand by hovering over your face or name on the list of participants. Callers can raise their hand by dialing *6.
- Be respectful of others
 - Mute phone or line
 - Be tough on issues and questions, not on people or organizations
 - No personal attacks, insults or threats
 - Listen
 - Speak and act professional – *no offensive, disrespectful, or derogatory language, including profanity*
 - Allow for a balance of speaking time – *limit length and number of times to speak on each topic*
- If you have any technical issues during the call, use the chat button and we will help you through those.
Please do not use the chat for questions or comments on the presentation, we will take those live.



NOF#2: Agenda

- Draft schedules, feedback
- Observer coverage, sampling selection, and safety
- Public comments



Mock schedule MAs 10,11,12,12B,12C

2024 Mgt week	2024 Week Begins	Julian Day Range	Gillnet		Purse Seine	Test Fish: MONDAY				Test Fish: WEDNESDAY (usual)									
			Daily Hours ²	Nightly Hours ²	Daily Hours ²	Areas 10 & 11			Areas 12,12B ¹⁶ & 12C ¹⁹	Areas 10 & 11			Areas 12,12B ¹⁶ & 12C ¹⁹						
						mgt	GN	PS	mgt	GN	PS	BS ⁶	mgt	GN	PS	mgt	GN	PS	BS ⁶
30	21-Jul	203-209	6am-11pm	8pm-7am	6am-9pm														
31	28-Jul	210-216	6am-11pm	8pm-7am	6am-9pm				CK			M				CK			M
32	4-Aug	217-223	6am-11pm	8pm-7am	6am-9pm				CK			M				CK			M
33	11-Aug	224-230	6am-11pm	7pm-8am	6am-8pm				CK			M				CK			M
34	18-Aug	231-237	5am-11pm	7pm-8am	6am-8pm				CK			M				CK			M
35	25-Aug	238-244	5am-11pm	7pm-8am	6am-8pm				CK			M				CK			M
36	1-Sep	245-251	5am-11pm	7pm-8am	6am-8pm				CK			T				CK			T
37	8-Sep	252-258	5am-11pm	7pm-8am	7am-7pm														
38	15-Sep	259-265	6am-10pm	6pm-8am	7am-7pm														
39	22-Sep	266-272	7am-9pm	6pm-8am	7am-7pm														
40	29-Sep	273-279	7am-9pm	6pm-8am	7am-7pm														
41	6-Oct	280-286	7am-9pm	6pm-8am	7am-6pm														
42	13-Oct	287-293	7am-8pm	5pm-9am	7am-6pm	CM	W	F	CM	-	F		CM	T	Th	CM	<T>	Th	
43	20-Oct	294-300	7am-8pm	5pm-9am	7am-6pm	CM	Su, T	Th	CM	<M,W>	Th		CM	Su,Th	Th	CM	<M,Th>	Th	
44	27-Oct	301-307	7am-8pm	5pm-9am	7am-6pm	CM	Su, T	Th,F	CM	<M,W>	Th,F		CM	T,Th	M	CM	<T,Th>	M	
45	3-Nov	308-314	7am-7pm	4pm-8am	7am-5pm	CM	Su, T	Th,F	CM	<M,W>	Th,F		CM	SU,W	T,Th	CM	<M,W>	T,Th	
46	10-Nov	315-321	6am-6pm	4pm-8am	7am-5pm	CM			CM	<M,Th>	Th	14	CM			CM	<T,Th>	M	14
47	17-Nov	322-328	6am-6pm	4pm-8am	7am-5pm	CM			CM	<T>	Th	14	CM			CM	<M,W>	T	14
48	24-Nov	329-335	7am-6pm	4pm-8am	7am-5pm	CM						14	CM						14
49	1-Dec	336-342	7am-6pm	4pm-8am	7am-5pm														
50	8-Dec	343-349	8am-6pm	3pm-9am	8am-4pm														
						FROM: 2023						FROM :2020							



Draft schedule other areas

2024 Mgt week	2024 Week Begins	Julian Day Range	Gillnet		Purse Seine	Areas 7 & 7A ²			Area 7B			Area 7C			Area 6D		Area 9A		Area 12A				
			Daily Hours ²	Nightly Hours ²	Daily Hours ²	mgt	GN ⁷	PS	RN ⁵	mgt	GN	PS	mgt	GN	PS	mgt	BS	SK	mgt	SK ¹²	mgt	SK	BS
			Fraser Panel Control																				
30	21-Jul	203-209	6am-11pm	8pm-7am	6am-9pm	SO																	
31	28-Jul	210-216	6am-11pm	8pm-7am	6am-9pm	SO																	
32	4-Aug	217-223	6am-11pm	8pm-7am	6am-9pm	SO																	
33	11-Aug	224-230	6am-11pm	7pm-8am	6am-8pm	SO				CK	Su,M,T	W	CK	Su,M,T	W			CO	Su-Sa				
34	18-Aug	231-237	5am-11pm	7pm-8am	6am-8pm	SO				CK	Su,M,T,W	W	CK	Su,M,T,W	W			CO	Su-Sa				
35	25-Aug	238-244	5am-11pm	7pm-8am	6am-8pm	SO				CO/CK	Su,M,T,W	W,Th	CK	Su,M,T,W	W,Th			CO	Su-Sa	CO	³	M,T,W,Th,F	
36	1-Sep	245-251	5am-11pm	7pm-8am	6am-8pm	SO				CO/CK	Su-Th ⁸	W	CK	Su-Th ⁸	W			CO	Su-Sa	CO	³	M,T,W,Th,F	
37	8-Sep	252-258	5am-11pm	7pm-8am	7am-7pm	SO				CO/CK	Su-Th ⁸	M,W,F	CK	Su-Th ⁸	M,W,F			CO	Su-Sa	CO	³	M,T,W,Th,F	
38	15-Sep	259-265	6am-10pm	6pm-8am	7am-7pm	CO			Su-Sa	CO	Su-Th ⁸	M,W,F	CO	Su-Th ⁸	M,W,F	CO		CO	Su-Sa	CO	³	M,T,W,Th,F	
39	22-Sep	266-272	7am-9pm	6pm-8am	7am-7pm	CO			Su-Sa	CO	Su-Sa ⁹	Su-Sa ⁹	CO	M,T,W,Th,F		CO	M,T,W,Th,F	CO	Su-Sa	CO	³	M,T,W,Th,F	
40	29-Sep	273-279	7am-9pm	6pm-8am	7am-7pm	CO			Su-Sa	CO	Su-Sa ⁹	Su-Sa ⁹	CO	M,T,W,Th,F		CO	M,T,W,Th,F	CO	Su-Sa	CO	³	M,T,W,Th,F	
41	6-Oct	280-286	7am-9pm	6pm-8am	7am-6pm	CM	W, Th, Sa	W, Th, Sa	Su-Sa	CO	Su-Sa ⁹	Su-Sa ⁹	CO	M,T,W,Th,F		CO	M,T,W,Th,F	CO	Su-Sa				
42	13-Oct	287-293	7am-8pm	5pm-9am	7am-6pm	CM	Su, W - Sa	Su, W - Sa	Su-Sa	CO	Su-Sa ⁹	Su-Sa ⁹	CO	M,T,W,Th,F		CO	M,T,W,Th,F	CO	Su-Sa				
43	20-Oct	294-300	7am-8pm	5pm-9am	7am-6pm	CM	Su-Sa	Su-Sa	Su-Sa	CO	Su-Sa ⁹	Su-Sa ⁹	CO	M,T,W,Th,F		CO	M,T,W,Th,F	CO	Su-Sa				
44	27-Oct	301-307	7am-8pm	5pm-9am	7am-6pm	CM	Su-Sa	Su-Sa	Su-Sa	CM	M-F ^{10,11}	M-F ¹⁰	CO	M,T,W,Th,F		CO	M,T,W,Th,F	CO	Su-Sa				
45	3-Nov	308-314	7am-7pm	4pm-8am	7am-5pm	CM	Su-Sa	Su-Sa	Su-Sa	CM	M-F ^{10,11}	M-F ¹⁰	CO	M,T,W,Th,F		CO	M,T,W,Th,F						
46	10-Nov	315-321	6am-6pm	4pm-8am	7am-5pm					CM	M-F ^{10,11}	M-F ¹⁰											
47	17-Nov	322-328	6am-6pm	4pm-8am	7am-5pm					CM	M-F ^{10,11}	M-F ¹⁰											
48	24-Nov	329-335	7am-6pm	4pm-8am	7am-5pm					CM	M-F ^{10,11}	M-F ¹⁰											
49	1-Dec	336-342	7am-6pm	4pm-8am	7am-5pm					CM	M-F ^{10,11}	M-F ¹⁰											
50	8-Dec	343-349	8am-6pm	3pm-9am	8am-4pm																		



2024: Observer Coverage, Sampling Selection, and Safety

Limited Participation Fisheries

- 100% Observer Coverage.
- Random Vessel Selection based on application and Notification PRIOR to fishery.
- Sampling methodology updates to include GSI (Areas 10/11) and sub-samples (10/11, 12/12B).

Full Fleet Fisheries

- Minimum 20% Observer Coverage.
- Random Vessel Selection from and Notification through Hotline.
- Increase data collection.
- Same sampling methodology as Limited Participation.



2024: Observer Coverage, Sampling Selection, and Safety

Random Vessel Selection Methods (LP and Full Fleet)

To randomly select participants in the 2024 commercial chum fishery:

1. Remove duplicate and unlicensed applicants
2. Read in .csv of all PS and GN applicants to Program R
3. Use the “randomSequence” function in the package ‘random’ to create a new column with a random sequence of numbers (Eddelbuettel 2007; Eddelbuettel 2017)
4. Arrange new column of random numbers, by ascending values
5. Write data to .csv



2024: Observer Coverage, Sampling Selection, and Safety

Observer Sampling and Sub-Sampling Purse Seine

1. Each set sampled for species composition, total catch
2. Randomly selected sets sub-sampled for S/L/W, scales, and GSI
3. Observers remain on their selected vessels throughout the fishery.
4. Non-Observed sets sampled through “Captains Interviews”

Gill Net

1. Each vessel sampled by interview while underway.
2. Vessel haul backs may be monitored by onboard observation during daylight fisheries.
3. Catch sampled aboard Tenders for S/L/W, scales, and GSI.



2024: Observer Coverage, Sampling Selection, and Safety

Observer Sampling and Sub-Sampling Beach Seine

1. Beach Seine days will be observed.
2. Sets will be monitored for Adult to Jack ratios and Summer chum presence.
3. Chinook sampling may happen at the buyer
4. Non-Observed sets sampled through “Captains Interviews”

Reef Net

1. Reef Net sampling, new for 2024.
2. Observers will sample catch for marked and unmark ratio, S/L, and scales
3. Monitoring “dockside” once the fish are landed.



2024: Observer Coverage, Sampling Selection, and Safety

Observer Safety

All Gears

1. WDFW Staff safety is the Monitoring Programs #1 priority.
2. Fisheries Observers attend preseason safety trainings.
3. Monitoring Plans may be adjusted to error on the side of safety > data.
4. Boarding vessels is at the discretion of the Monitoring Program.
5. On-board Observers are provided safety equipment (immersion suits, EPIRBS, handheld VHF).



Public Comments

- Purse Seine
- Gill Net
- Beach Seine
- Reef Net



Questions or Comments?

