

B2 - REQUEST REGARDING CHARTER HALIBUT MANAGEMENT MEASURES IN 2C AND 3A

SARAH WEBSTER, 15 MAY 2020



PROPORTION OF HARVEST THROUGHOUT SEASON



- Distribution of removals throughout season
- Variable by Subarea
- Interannual Variability



PROPORTION OF HARVEST BY RESIDENCY



- Used Alaska residency status to evaluate removals while travel restrictions are in effect
 - May still have some nonresident harvest
 - Additional factors may affect resident participation
- Used harvest as proxy for removals
- 2C: Very little participation by residents
- 3A: Residents comprise 18 – 30% of total harvest, lowest in recent years
- Resident proportion of harvest is higher in early season



CONSIDERATIONS FOR REGULATORY AREAS

Regulatory Area 2C

- 2020 allocation 780,000 lbs.
- Requested changes are relatively predictable
 - Could cause a shift in effort throughout season
- Likely minimal harvest while travel restrictions are in effect

Regulatory Area 3A

- 2020 allocation 1,710,000 lbs.
- Requested changes have considerable uncertainty
 - Cannot evaluate whether closure days have eliminated effort or displaced effort
 - Removal of size limit is likely to increase HPUE and average weight
 - Could cause a shift in effort throughout season
- May be some harvest by Alaska resident anglers while travel restrictions are in effect



ADDITIONAL SOURCES OF UNCERTAINTY

- Other health mandates
- Cancellations and closures
- Travel restrictions
- Economic considerations
- Implication for future management measures



EXAMPLE APPLICATION OF REMOVAL ESTIMATES AREA 2C

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Regulation Change Date	U40 O80 Removal	U45 O80 Removal	Annual Removal	Necessary Reduction
June 30	222,495	631,079	853,574	-8.6%
July 15	351,627	483,810	835,438	-6.6%
July 31	503,498	309,679	813,177	-4.1%
August 15	640,021	152,932	792,954	-1.6%



EXAMPLE APPLICATION OF REMOVAL ESTIMATES AREA 2C

	Regulation Change Date	U40 O80 Removal Estimate through June 30		U45 O80 Removal Estimate after June 30		Annual Removal Estimate
Original Estimate	June 30	222,495	+	631,079	=	853,574
		↓		↓		
		-60%		-30%		
		↓		↓		
New Estimate	June 30	88,998	+	441,755	=	530,753



EXAMPLE APPLICATION OF REMOVAL ESTIMATES AREA 3A

Addendum Table I

Size Limit	Estimated Removal	Necessary Reduction
26	2,490,234	-31.3%
27	2,524,074	-32.3%
28	2,576,408	-33.6%
29	2,610,156	-34.5%
30	2,662,016	-35.8%
31	2,696,399	-36.6%
32	2,740,521	-37.6%
33	2,767,588	-38.2%



EXAMPLE APPLICATION OF REMOVAL ESTIMATES AREA 3A

Size Limit	Original Estimated Removal	Example Anticipated Reduction	New Estimated Removal
26	2,490,023	-40%	1,494,014



QUESTIONS?

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