

# C4: ANALYSIS OF MANAGEMENT MEASURES FOR THE AREA 2C AND 3A CHARTER HALIBUT FISHERIES FOR 2025

ADAM ST. SAVIOUR - DECEMBER 2024



# PRELIMINARY CHARTER ESTIMATES FOR 2024

Area	Mean Weight (lb)	Harvest (no. fish)	Yield (lb)	Release Mortality (lb)	Total Removals (lb)	Allocation (lb)	Overage (lb)	Overage %
2C	9.07	89,303	810,319	32,416	842,735	810,000	32,735	4.0%
3A	9.85	161,439	1,590,586	16,724	1,607,309	1,890,000	-282,691	-15.0%

## 2024 Regulations

2C –

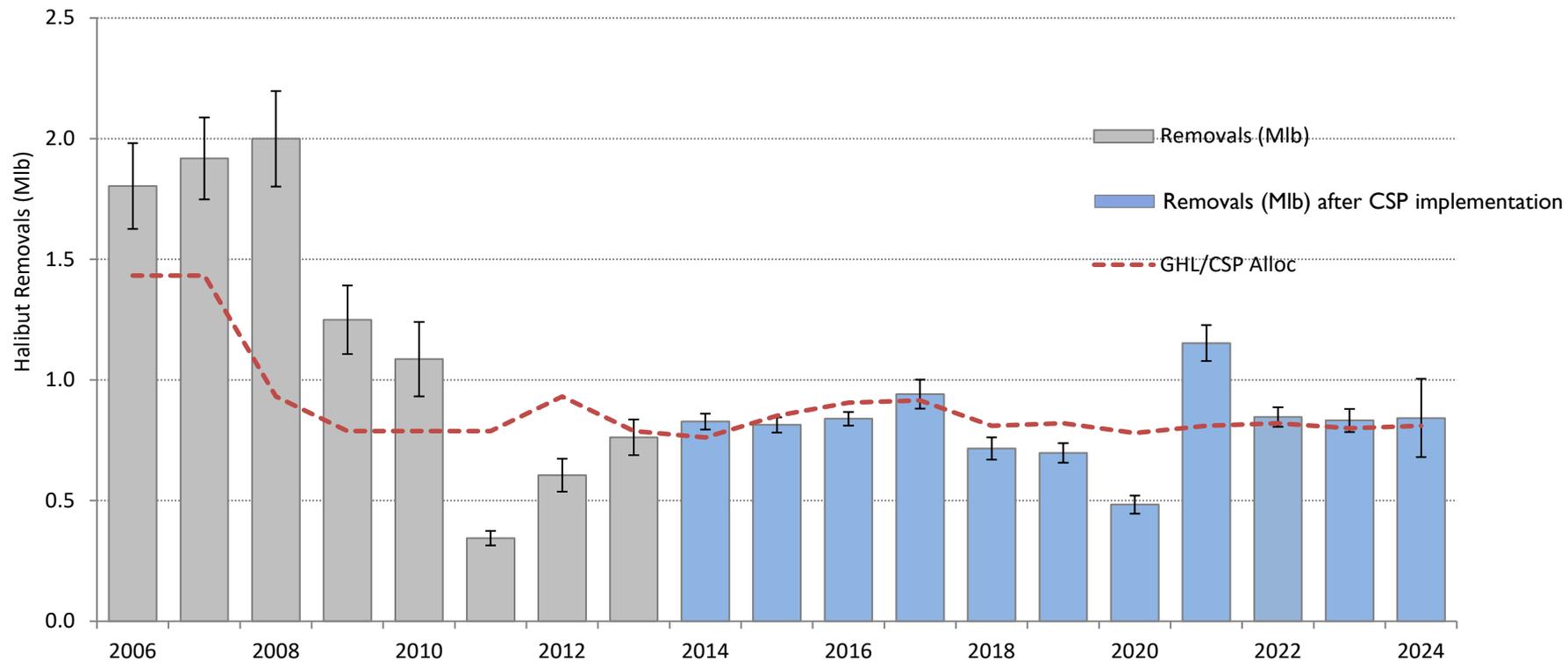
- One fish bag limit
- Reverse slot size limit of less than or equal to 40 inches or greater than or equal to 80 inches; lower slot reduced to 36 inches July 15<sup>th</sup>
- Closed on Fridays starting July 19<sup>th</sup>

3A –

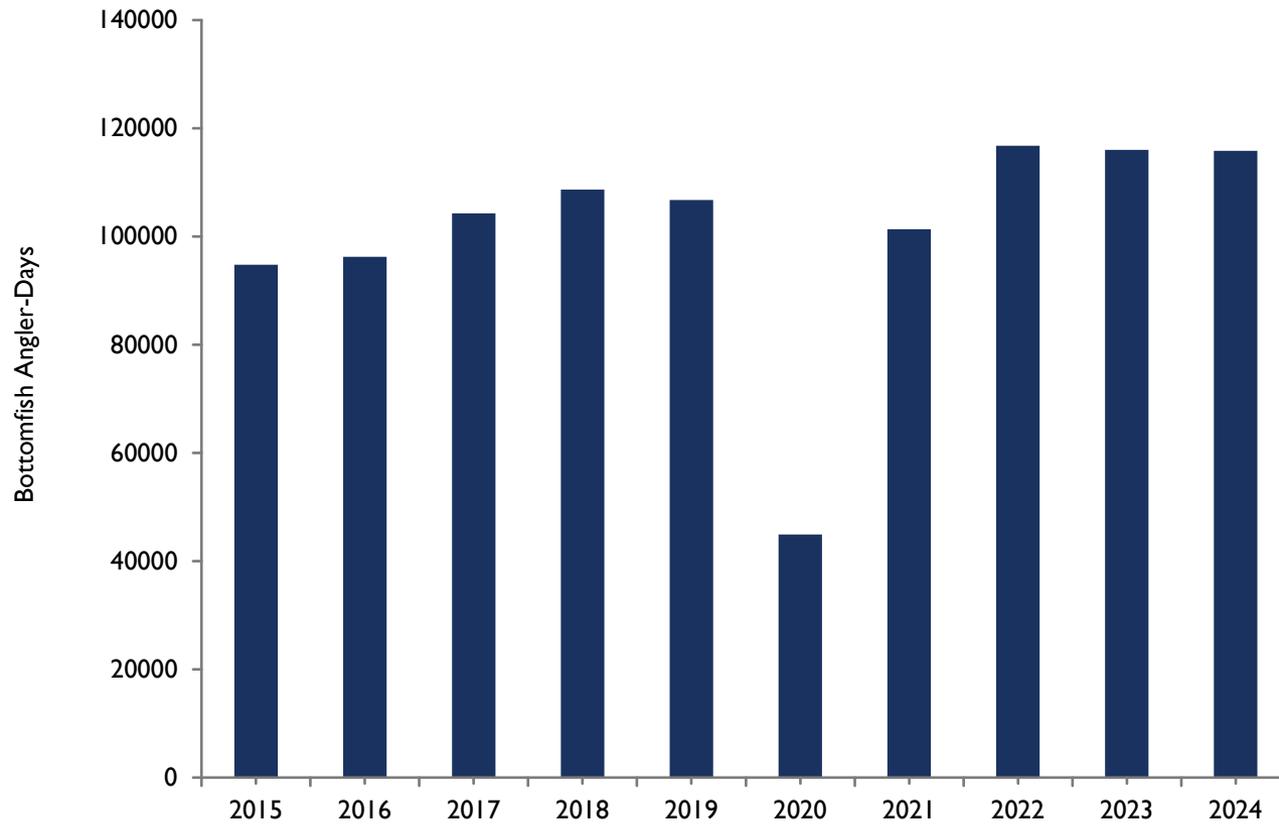
- Two fish bag limit: one fish of any size, one fish less than or equal to 28 inches
- One trip per vessel per day and per charter halibut permit per day
- Wednesdays closed to retention of halibut

# 2C CHARTER HALIBUT REMOVALS

Area 2C - Charter

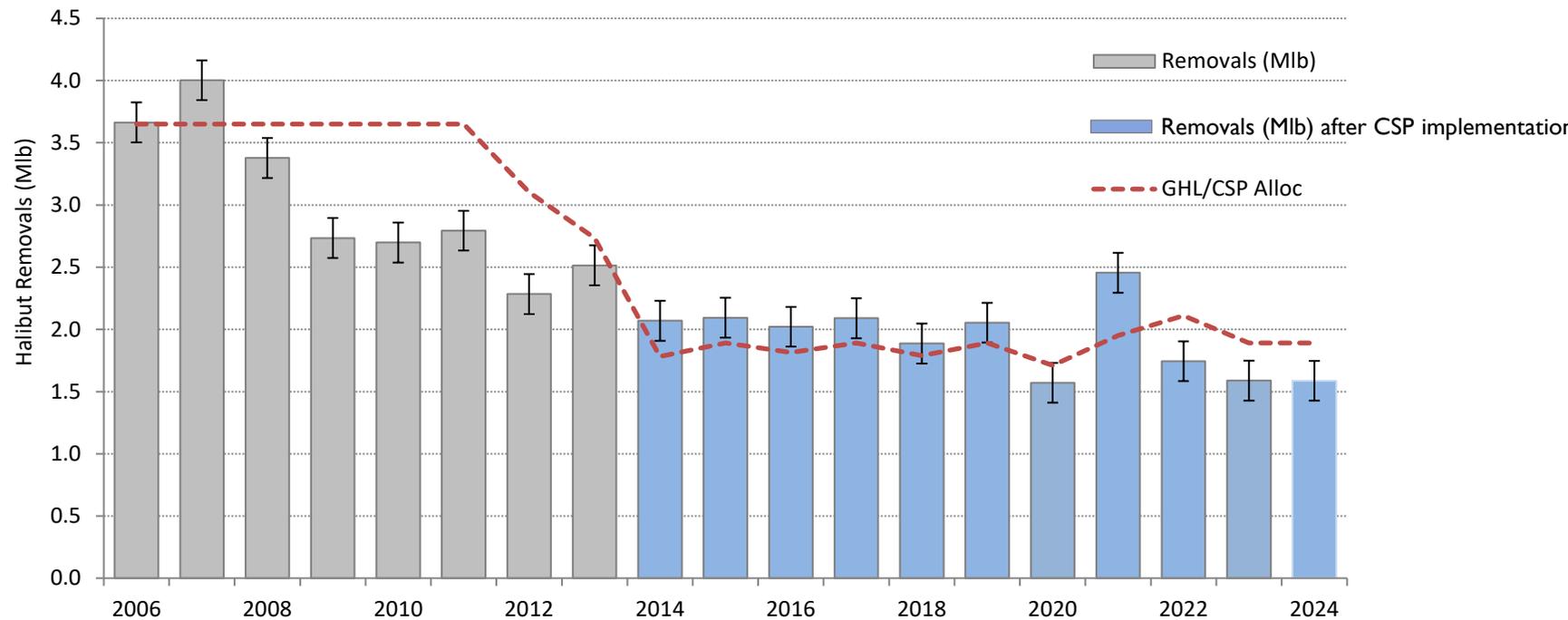


# 2C EFFORT

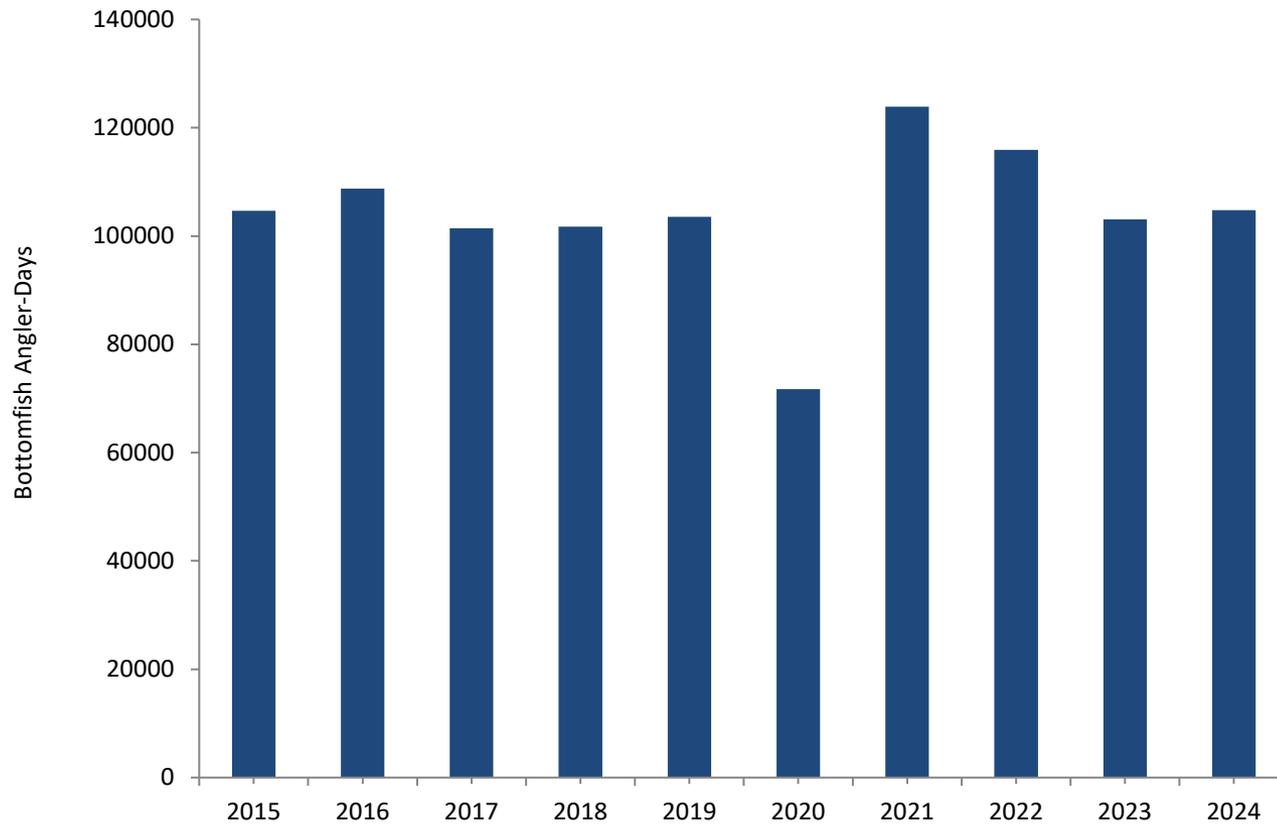


# 3A CHARTER HALIBUT REMOVALS

Area 3A - Charter



# 3A EFFORT



# BUSINESSES AND VESSELS HARVESTING HALIBUT

## 2C

	Businesses	Vessels
<b>2015</b>	241	515
<b>2016</b>	248	532
<b>2017</b>	248	537
<b>2018</b>	244	533
<b>2019</b>	256	545
<b>2020</b>	192	386
<b>2021</b>	232	496
<b>2022</b>	235	523
<b>2023</b>	238	536
<b>2024</b>	238	542

## 3A

	Businesses	Vessels
<b>2015</b>	250	407
<b>2016</b>	240	388
<b>2017</b>	227	374
<b>2018</b>	232	391
<b>2019</b>	226	399
<b>2020</b>	203	343
<b>2021</b>	231	392
<b>2022</b>	220	387
<b>2023</b>	221	396
<b>2024</b>	216	395



# ANALYSIS OF MANAGEMENT MEASURES FOR 2025



# CHARTER ALLOCATION FOR 2025

- Allocations are currently unknown
- The IPHC's Regulatory Area TCEYs and allocations for 2024
- We have used the 2024 allocations as a reference for this analysis

	<b>2024 Allocation</b>
<b>2C</b>	0.810 Mlb
<b>3A</b>	1.890 Mlb



# 2C – STATUS QUO FORECAST

- Table 2C.3
- 89,727 halibut
  - 95% confidence interval + - 2,457
- Used preliminary 2024 effort as 2025 forecast
  - 2C regulations in 2024 specifically targeted effort by closing days
- HPUE used data from 2009 – 2019 and 2022-2024
  - Substantial HPUE increases in 2020 and 2021, likely related to changes in size limits



# 2C – STATUS QUO FORECAST

Table 2C.3 (continued)

Status Quo Regulations:

- One fish bag limit
- Reverse slot limit of less than or equal to 40 or greater than or equal to 80 inches; lower slot reduced to 36 inches July 15<sup>th</sup>
- Fridays closed starting July 18<sup>th</sup>
- Projected average weight: 9.21 lbs
- Release mortality: 35,353 lbs

**Status Quo  
Regulations  
Removals  
Projection**

**0.862 Mlb**



## 2C – MANAGEMENT MEASURES FOR 2025

- **Reverse Slot** ranging from 32 – 50 inches on the low end and 50 – 80 inches on the upper end
  - Reverse Slot confined to ranges of 35 – 40 inches on the low end and a limit of one trip per vessel and one trip per permit per day.
- **Reverse Slot with day closures** and savings in removals displayed for each day of closure
  - Analyzed for each day from May 15 – September 15 or for the entire season
  - Analyzed for lower slot limits ranging from 32 inches to 50 inches, and an upper slot limit of 80 inches
  - Reverse Slot confined to ranges of 32 – 42 inches on the low end and 80 inches on the upper end and a limit of one trip per vessel and one trip per permit per day.
- **Differential Reverse Slot** displayed in removals
  - Analyzed for lower slot limits ranging from 38-42 inches at the beginning of the season, changing to a range of 32-38 inches for the end of the season, and an upper slot limit of 80 inches throughout
  - Analyzed to change lower slot limits on July 1, July 15, and August 1



# 2C – SUMMARY

## Management Measures

## Options Below 2024 Allocation (0.810 Mlb)?

**Status Quo (reverse slot with lower limit of 40 inches and upper limit of 80 inches; reduce lower limit to 36 inches July 15)**

**No**

**Reverse slot limit with U32-U50 on the low end and O50-O80 on the high end. Additional savings for a one-trip limit**

**Yes**

**Reverse slot limit with U32-U50 on the low end and O80 on the high end, analyzed with a day of the week closures presented in savings per day. Additional savings for a one-trip limit**

**Yes**

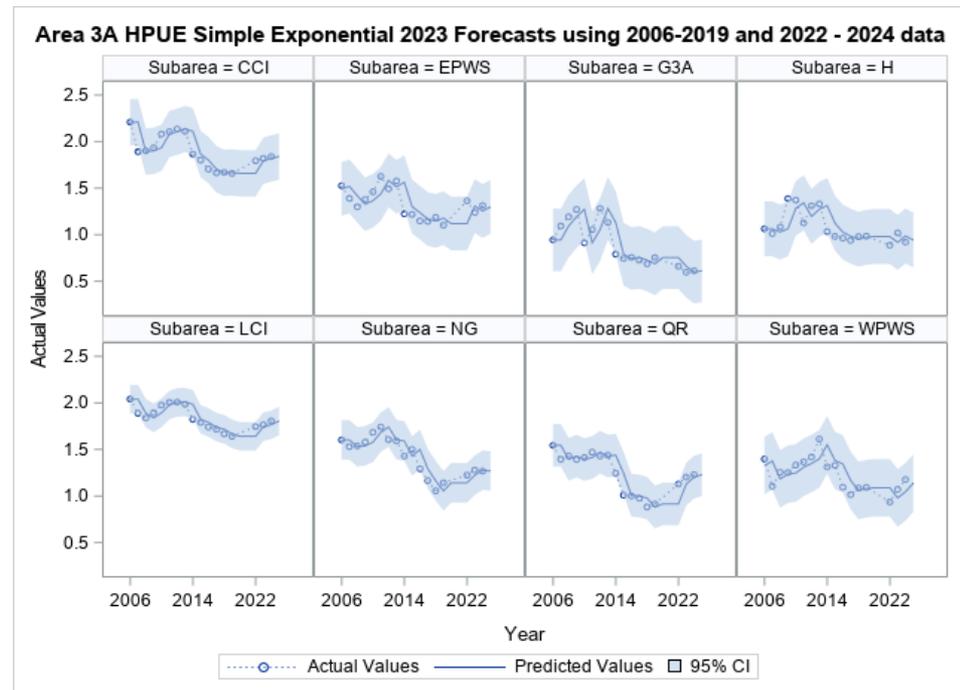
**Reverse slot limit with U38-U42 change to U32-U38 after July 1, July 15, or August 1. Additional savings for a one-trip limit**

**Yes**



# 3A – STATUS QUO FORECAST

- Table 3A.12
- 163,135 halibut
  - 95% confidence interval + - 4,745
  - 2024 effort was used as forecast
  - HPUE forecast used data through 2019 and 2022-2024



# 3A – STATUS QUO FORECAST

Table 3A.12 continued

Status Quo Regulations:

- Two fish bag limit: one any size, one less than or equal to 28 inches
- One trip per vessel per day and per charter halibut permit per day
- Wednesdays closed to retention of halibut

**Status Quo  
Regulations  
Removals  
Projection**

**1.764 Mlb**



## 3A – MANAGEMENT MEASURES FOR 2025

- Day of the week closures on Wednesdays from June 4<sup>th</sup> – September 3<sup>rd</sup> or for the entire season
- Day of the week closures on Tuesdays from June 3<sup>rd</sup> – September 2<sup>nd</sup> or for the entire season
- Maximum size limits of 26 – 32 inches on one fish
- Annual limits of 2 – 4 fish
- Any combination of the above management measures



# 3A – SUMMARY

## Management Measures

## Options Below 2024 Allocation (1.89 Milb)?

**Status quo (two-fish bag limit with a 28-inch maximum size limit on one fish, one trip per vessel and one trip per CHP per day, Wednesday closures all year)**

**Yes**

**Day of the week closures on Wednesdays from June 4th – Sept 3 or for the entire season**

**Yes**

**Day of the week closures on Tuesdays from June 3 – Sept 2 or for the entire season**

**Yes**

**Maximum size limits of 26 – 32 inches on one fish**

**Yes**

**Annual limits of 2 – 4 fish**

**Yes**

**Combination of the above management measures**

**Yes**



# ACKNOWLEDGEMENTS

- Ben Jevons and Kayla Buster – logbook data summaries and review
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  - Fish and Game Fund

