Agenda Item G.1.a
Supplemental Presentation 1_updated
March 2024

INTERNATIONAL PACIFIC HALIBUT COMMISSION
100 years

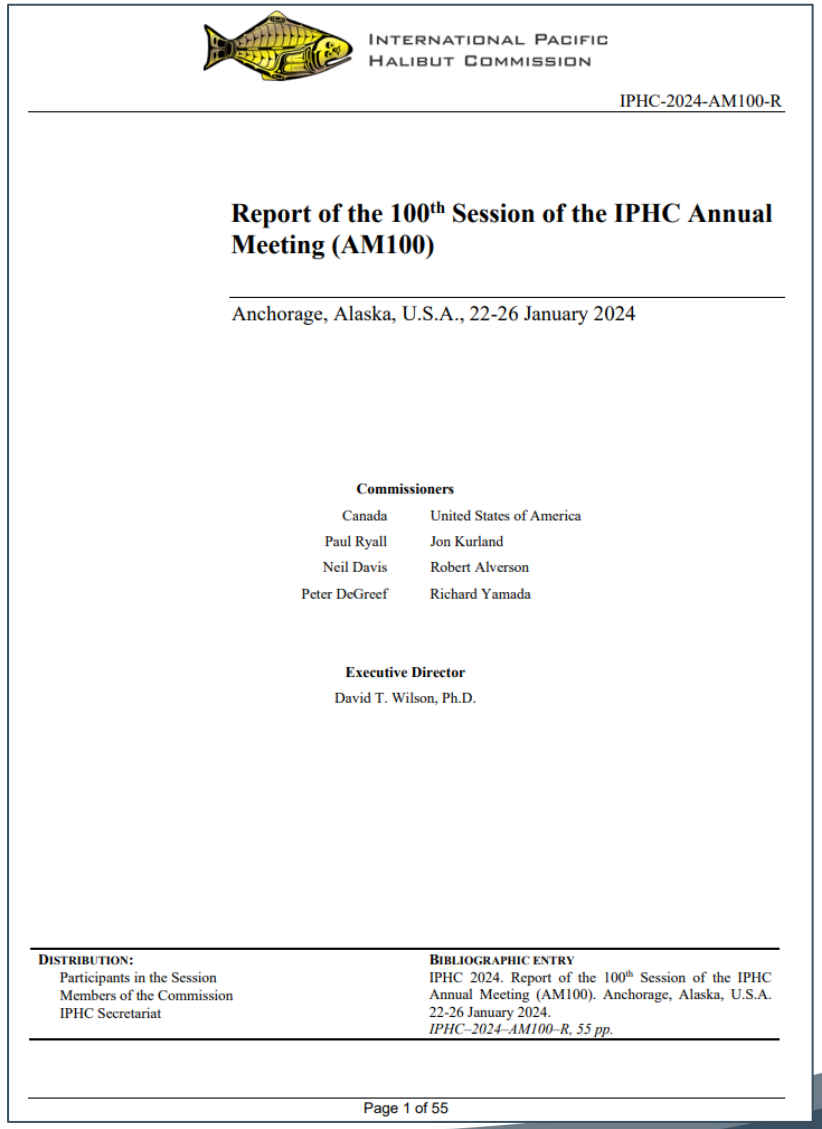
Outcomes of the 100th Session of the IPHC Annual Meeting (AM100)

PFMC meeting
Agenda item G1
9 March 2024
(David T. Wilson, IPHC Executive Director)

100th Session of the IPHC Annual Meeting (AM100)

- 22-26 January 2024
- Anchorage, AK, USA - Hybrid
- **241** attendees: 6 Commissioners, 14 advisors/experts, and 221 members of the public (124 in-person and 97 remote).
- AM100 webpage:

https://www.iphc.int/meetings/100th-session-of-the-iphc-annual-meeting-am100/



INTERNATIONAL PACIFIC HALIBUT COMMISSION

IPHC-2024-AM100-R

Report of the 100th Session of the IPHC Annual Meeting (AM100)

Anchorage, Alaska, U.S.A., 22-26 January 2024

Commissioners

Canada	United States of America
Paul Ryall	Jon Kurland
Neil Davis	Robert Alverson
Peter DeGreef	Richard Yamada

Executive Director

David T. Wilson, Ph.D.

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BIBLIOGRAPHIC ENTRY
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IPHC–2024–AM100–R, 55 pp.

Page 1 of 55

INTERNATIONAL PACIFIC 100 years HALIBUT COMMISSION

2024 Adopted mortality limits (TCEYs)

IPHC Regulatory Area	Million Pounds (Mlbs)	Tonnes (T)	% change from 2023
Canada Total: 2B	**6.47**	**2,934.74**	
USA: 2A	1.65	748.43	
USA: 2C	5.79	2,626.30	
USA: 3A	11.36	5,152.81	
USA: 3B	3.45	1,564.89	
USA: 4A	1.61	730.28	
USA: 4B	1.25	566.99	
USA: 4CDE	3.70	1,678.29	
USA: Total	**28.81**	**13,068.00**	
Total: IPHC Convention Area	**35.29**	**16,007.27**	

Coastwide decrease from 2023 = **-4.57%**

Fishing intensity = $F_{52\%}$

2024 Adopted mortality limits (TCEYs)

IPHC Regulatory Area	Million Pounds (Mlbs)	Tonnes (T)	% change from 2023
Canada Total: 2B	**6.47**	**2,934.74**	**-4.57%**
USA: 2A	1.65	748.43	0.00%
USA: 2C	5.79	2,626.30	-1.03%
USA: 3A	11.36	5,152.81	-5.96%
USA: 3B	3.45	1,564.89	-5.99%
USA: 4A	1.61	730.28	-6.94%
USA: 4B	1.25	566.99	-8.09%
USA: 4CDE	3.70	1,678.29	-3.90%
USA: Total	**28.81**	**13,068.00**	**-4.57%**
Total: IPHC Convention Area	**35.29**	**16,007.27**	**-4.57%**

Coastwide decrease from 2023 = **-4.57%**

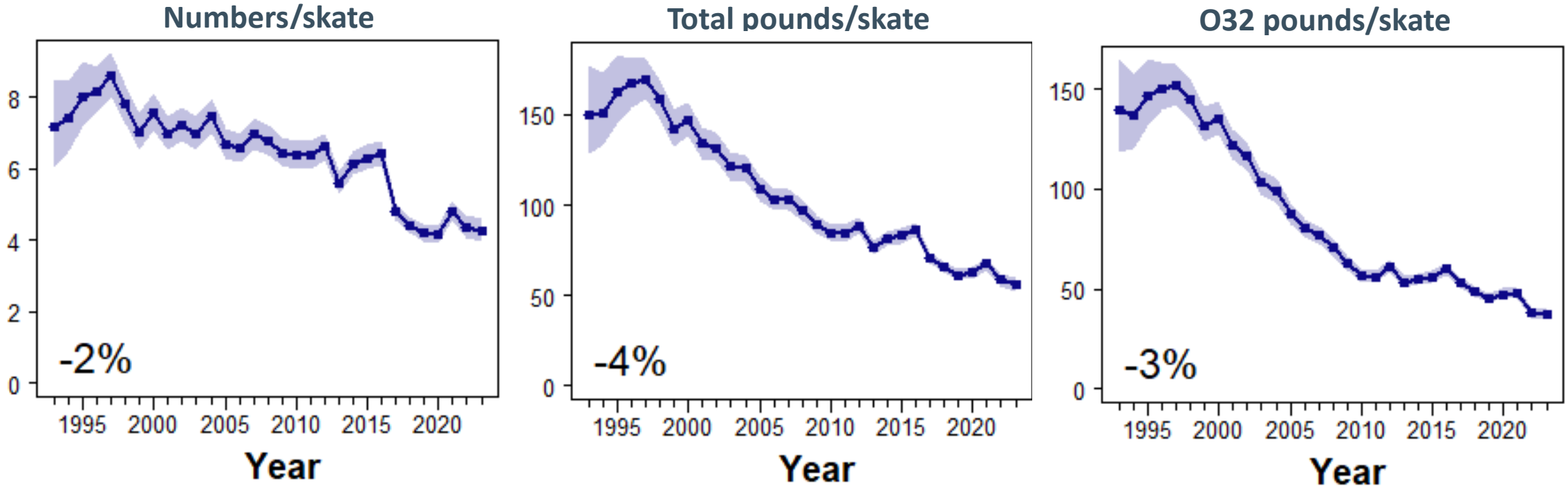
Fishing intensity = $F_{52\%}$

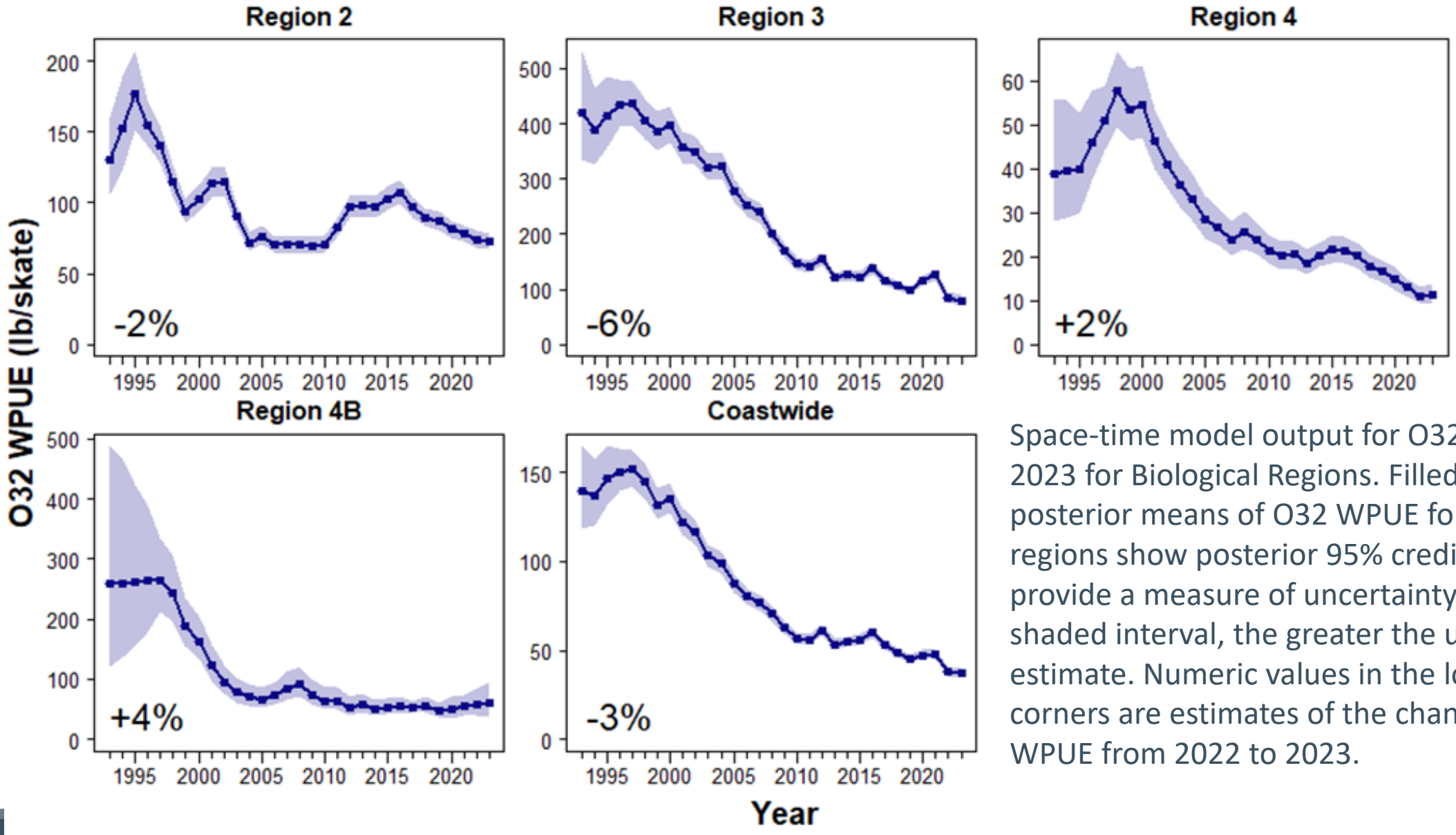
Detailed 2024 projections, by sector

	2A	2B	2C	3A	3B	4A	4B	4CDE	Total
Commercial discards	0.11	0.18	NA	NA	0.24	0.04	0.01	0.08	0.66
O26 Non-directed discards	0.08	0.29	0.06	0.25	0.22	0.27	0.14	1.55	2.86
Recreational	NA	0.03	1.07	0.99	0.01	0.01	0.00	0.00	2.09
Subsistence	NA	0.41	0.25	0.12	0.01	0.00	0.00	0.01	0.81
Total non-FCEY	0.18	0.91	1.37	1.36	0.47	0.33	0.16	1.64	6.42
Commercial discards	NA	NA	0.11	0.54	NA	NA	NA	NA	0.66
Recreational	0.61	0.83	0.81	1.89	NA	NA	NA	NA	4.14
Subsistence	0.02	NA	NA	NA	NA	NA	NA	NA	0.02
Commercial landings	0.83	4.73	3.50	7.56	2.98	1.28	1.09	2.06	24.03
Total FCEY	1.47	5.56	4.42	10.00	2.98	1.28	1.09	2.06	28.86
							4C FCEY	*0.92*	
							4D FCEY	*0.92*	
							4E FCEY	*0.22*	
TCEY	1.65	6.47	5.79	11.36	3.45	1.61	1.25	3.70	35.28
U26 Non-directed discards	0.00	0.04	0.00	0.18	0.09	0.13	0.01	1.11	1.56
Total	1.65	6.51	5.79	11.54	3.54	1.74	1.26	4.81	36.84

Coastwide FISS data trends

FISS down 2-4% (numbers/pounds) [fishery down 12%]





Space-time model output for O32 WPUE for 1993-2023 for Biological Regions. Filled circles denote the posterior means of O32 WPUE for each year. Shaded regions show posterior 95% credible intervals, which provide a measure of uncertainty: the wider the shaded interval, the greater the uncertainty in the estimate. Numeric values in the lower left-hand corners are estimates of the change in mean O32 WPUE from 2022 to 2023.

INTERNATIONAL PACIFIC HALIBUT COMMISSION 100 years

Other data - summary

- **Important age classes**:
  - The 2012 year-class represented the largest component of fishery and FISS catches in 2023.
  - Both 2012 and 2014 year-classes are estimated to be smaller than 2005, with weak year-classes from 2006-2011
  - Possible 2016-2018 year-classes, but no clear information yet
- **Biology**: weight-at-age is stable to increasing
- **Spawning biomass**: low biomass relative to the last 30 years, trend is nearly flat
- **Fishing intensity**: 2023 was the lowest in recent years ($F_{52\%}$)

Projection summary

- Adopted coastwide mortality limit of 35.29 Mlbs has a 41% chance of a decrease in spawning biomass over the next three years
  - *Status quo* mortality (36.97 Mlbs) would have resulted in a 45% chance of further decline
- Projected trends rely heavily on the 2012 year-class continuing to mature at historical rates (from 42% mature to 80% mature over the next 3 years)
- Biomass and productivity are currently low relative to the long-term average; this is likely to persist in the near term

100th Session of the IPHC Annual Meeting (AM100)

Other decisions:

- Statement on Climate Change
- Fishing periods and timings
- In-season reallocation of recreational limits in IPHC Regulatory Area 2A
- Research and Monitoring: 2024 Fishery-Independent Setline Survey (FISS)

INTERNATIONAL PACIFIC HALIBUT COMMISSION

IPHC-2024-PP-05

Adopted: 26 January 2024

INTERNATIONAL PACIFIC HALIBUT COMMISSION (IPHC)
STATEMENT ON CLIMATE CHANGE

The International Pacific Halibut Commission (IPHC),

RECALLING Article III.3 of the 1979 *Protocol Amending the Convention Between the United States and Canada for the Preservation of the Halibut Fishery of the North Pacific Ocean and the Bering Sea* acknowledges that "*the purpose of developing the stocks of halibut of the North Pacific Ocean and Bering Sea to levels which will permit the optimum yield from that fishery, and of maintaining the stock at those levels*";

RECOGNISING international initiatives to address the impacts of climate change including through the United Nations Framework Convention on Climate Change and the Paris Agreement;

NOTING the work of the Intergovernmental Panel on Climate Change;

MINDFUL of the work of the IPHC Secretariat and the Contracting Parties in assessing the impacts of climate change on Pacific halibut, and species belonging to the same ecosystem or dependent or associated with the target stocks in the Convention Area;

ADOPTS the following:

1. The Commission shall in its deliberations, to the extent possible, including in the development of fisheries regulations, take into account the best available scientific information on the potential impacts of climate change on Pacific halibut, including effects on other species and other fisheries that may have implications for Pacific halibut.

2. The Commission shall consider the potential impacts of climate change on Pacific halibut fisheries and stocks in its research, including research to inform potential measures to mitigate and/or adapt to climate change impacts.

3. The IPHC Secretariat and Scientific Review Board shall consider and advise on the potential implications of climate change for the conservation and management of Pacific halibut, and any related impacts on the Contracting Parties.

4. The IPHC Secretariat shall seek, on an ongoing basis, to reduce the carbon footprint of the IPHC activities related to headquarters and field operations, and meetings of the Commission and its subsidiary bodies, and shall propose such measures for endorsement by the Commission.

2024 Commercial Fishing Periods

(Para. 94) *The Commission **ADOPTED** fishing periods for 2024 as provided below, thereby superseding the relevant portions of Section 9 of the IPHC Pacific halibut fishery regulations (Appendix V) by specifying that commercial fishing for Pacific halibut in all IPHC Regulatory Areas may begin no earlier than 06:00 hrs local time on 15 March 2024 and must cease at 23:59 hrs local time on 07 December 2024.*

NOTE: With the transition of management authority of the IPHC Regulatory Area 2A non-tribal directed commercial Pacific halibut fishery from the IPHC to the PFMC and NOAA Fisheries (87 FR 74322), the IPHC no longer needs to consider setting dates for the 2A non-tribal directed commercial fishery. The dates set by NOAA Fisheries must be set within the overall commercial fishing period dates

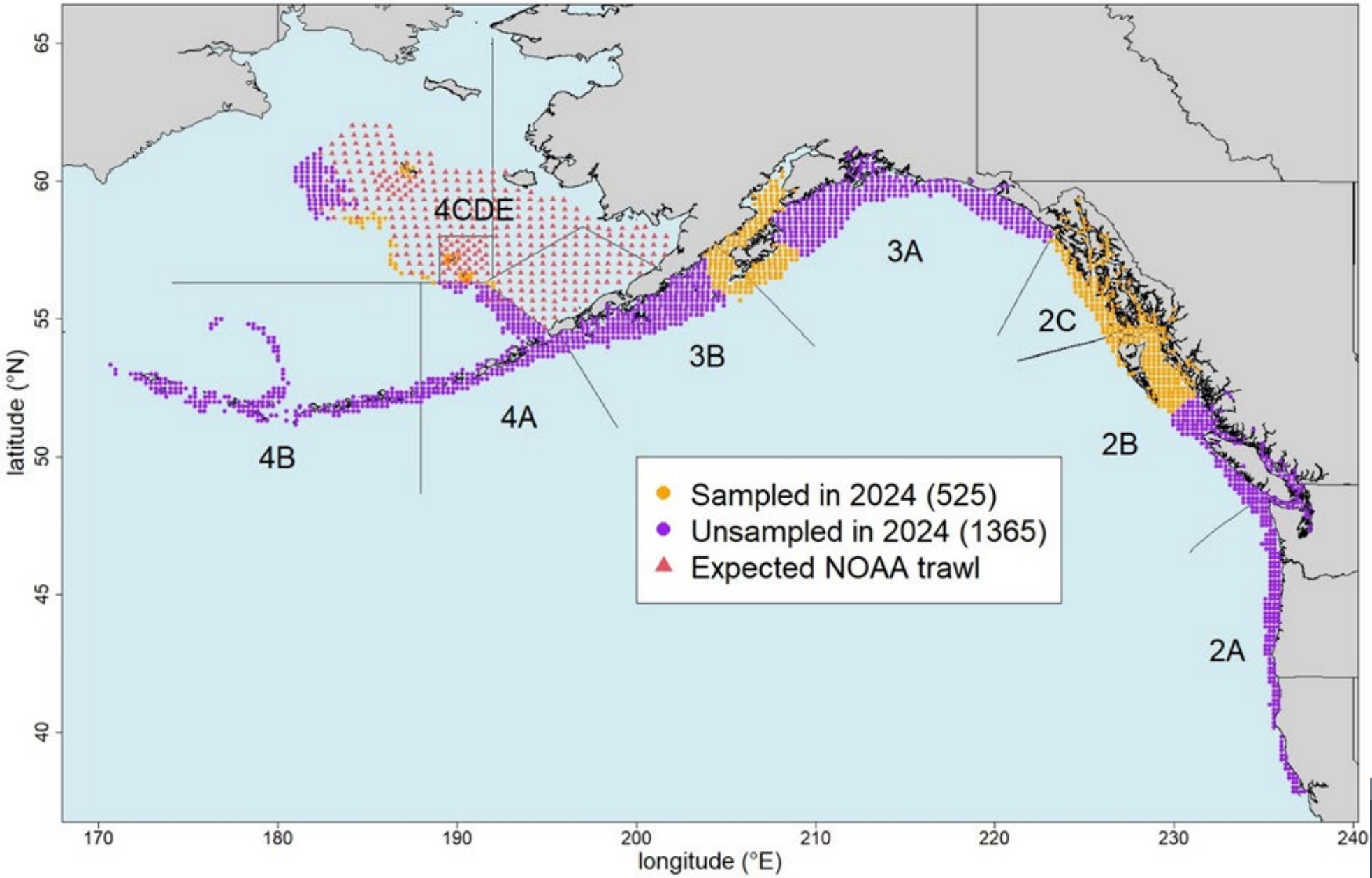
In-season reallocation of recreational limits in IPHC Regulatory Area 2A

At its November 2023 meeting, the Pacific Fishery Management Council adopted changes to the catch sharing plan (CSP) that allocates the IPHC Regulatory Area 2A Pacific halibut catch limit.

The changes include **in-season process** to provide more sharing of the IPHC Regulatory Area 2A **non-treaty sport allocation between states** (California, Oregon, and Washington).

The adopted regulatory language provides clarification reflective of the changes to the CSP.

2024 Fishery-Independent Setline Survey (FISS)

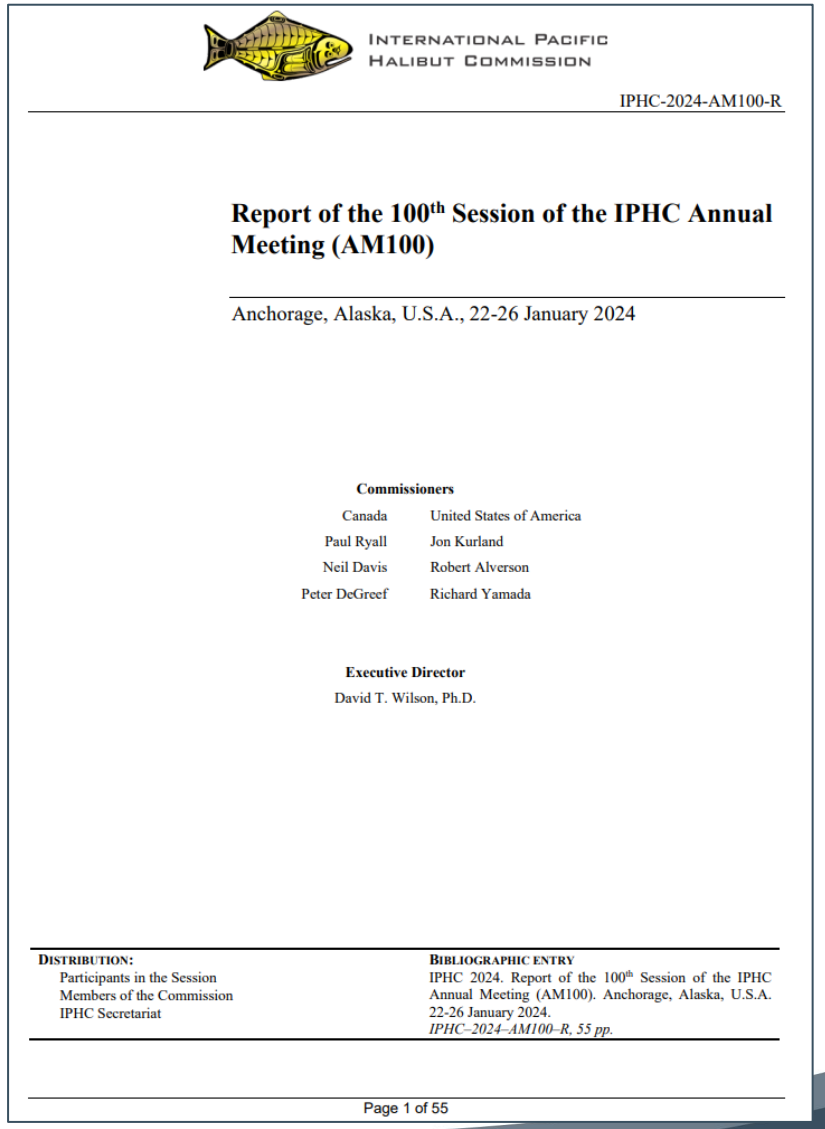


Looking ahead

- Management Strategy Advisory Board (MSAB19): 1-3 May, Remote.
- Scientific Review Board (SRB024): 18-20 June, Seattle, WA, USA.
- 101st Session of the IPHC Annual Meeting (AM101): 27-31 January 2025 in Vancouver, BC, Canada.

100th Session of the IPHC Annual Meeting (AM100)

- AM100 webpage: https://www.iphc.int/meetings/100th-session-of-the-iphc-annual-meeting-am100/



INTERNATIONAL PACIFIC HALIBUT COMMISSION

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Page 1 of 55

INTERNATIONAL PACIFIC HALIBUT COMMISSION 100 years

The Treaty

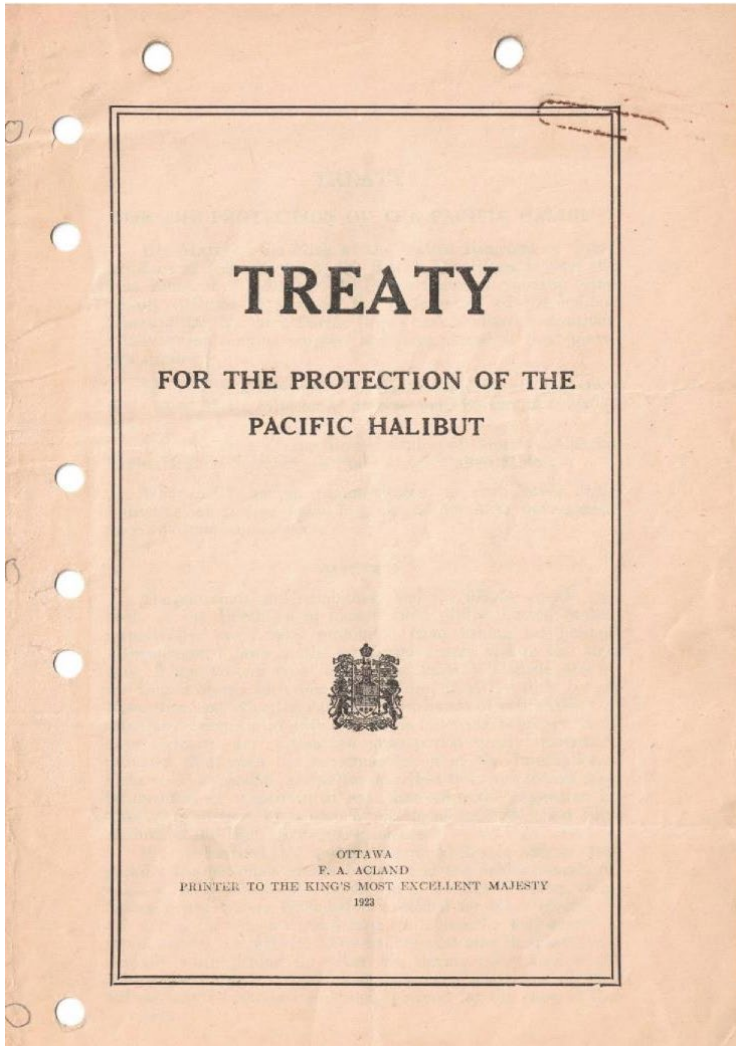
The IPHC Treaty was signed on 2 March 1923 (by both Contracting Parties), ratified by the US Senate on 31 May 1924, then by the President on 4 June 1924, and finally by Great Britain on 21 July 1924.

Ratifications were **exchanged** on 21 October 1924 and proclaimed on 22 October 1924.

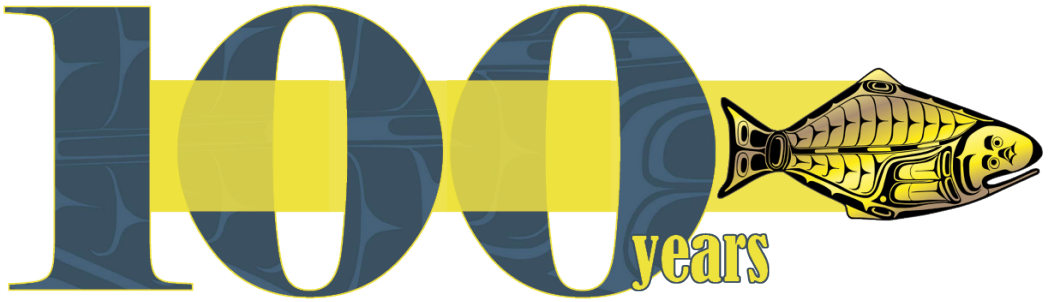
The Convention came into force on the date of exchange, 21 October 1924.

USA President: Calvin Coolidge

King of England: George V



INTERNATIONAL PACIFIC



HALIBUT COMMISSION

For more data and assessment information

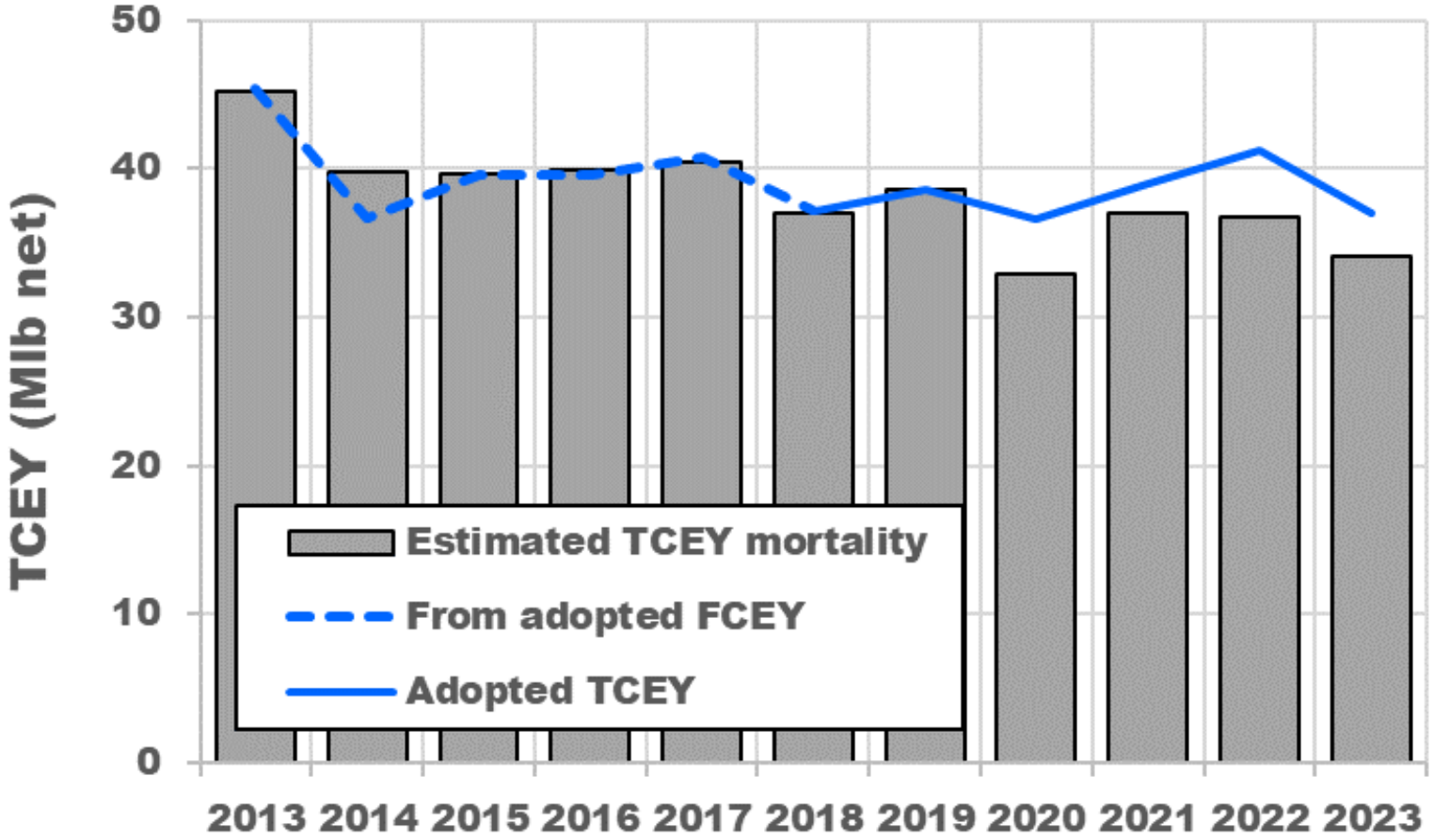
Summary for AM100:

- IPHC-2024-AM100-10
- *Data overview and stock assessment for Pacific halibut (Hippoglossus stenolepis) at the end of 2023 (I. Stewart, A. Hicks, R. Webster, D. Wilson)*
- IPHC-2024-AM100-12
- *Stock projections and harvest decision table for 2024-2026 (I. Stewart & A. Hicks)*
- Assessment and data overview documents are available through the stock assessment page of the IPHC's website:

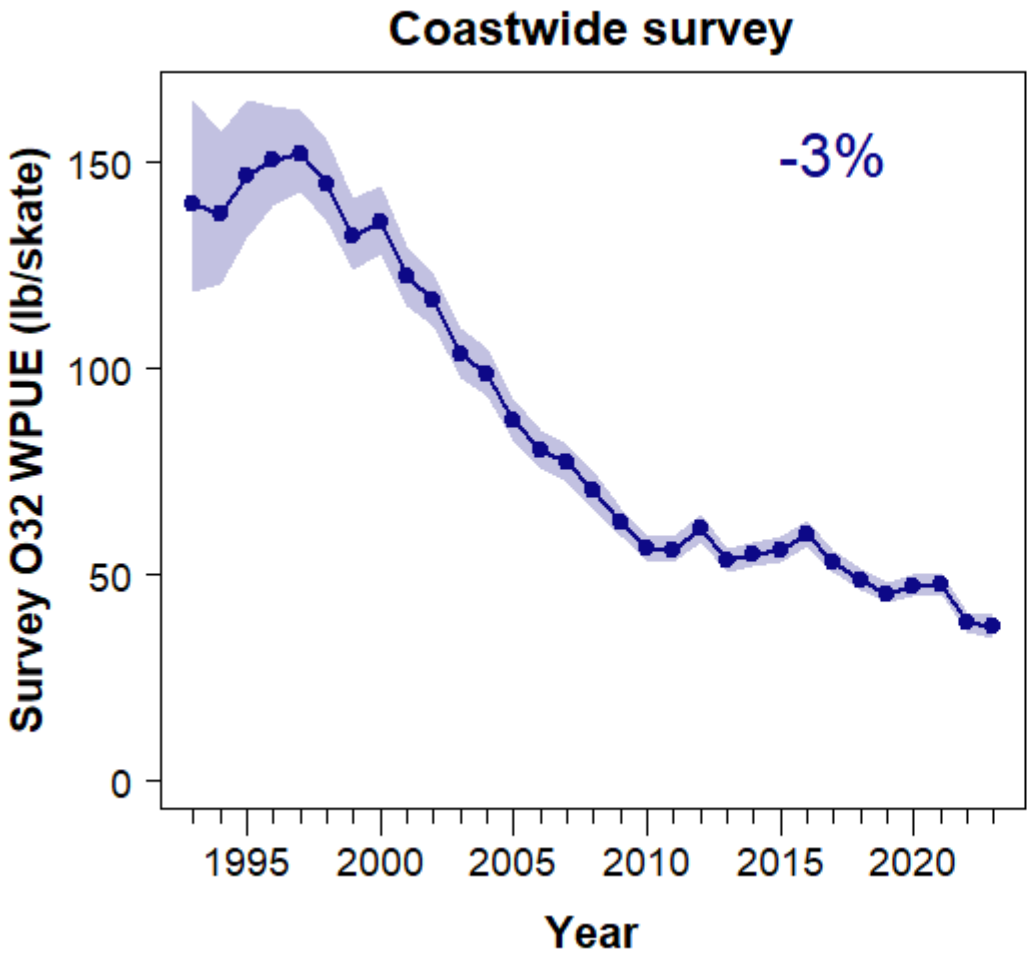
Document	Title	PDF	Availability
IPHC-2024-SA-01	Assessment of the Pacific halibut (Hippoglossus stenolepis) stock at the end of 2023 (I. Stewart & A. Hicks)		05 Jan 2024
IPHC-2024-SA-02	Overview of data sources for the Pacific halibut stock assessment, harvest policy, and related analyses (I. Stewart & R. Webster)		05 Jan 2024

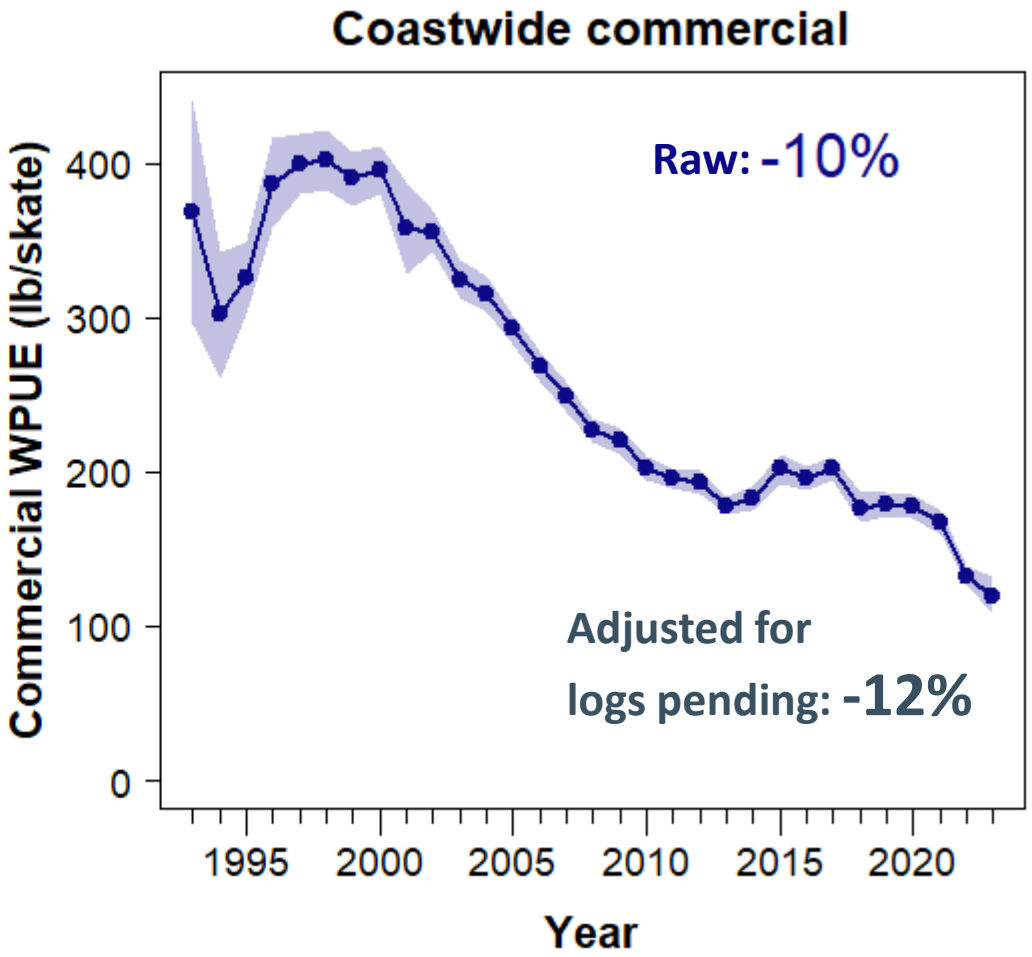
INTERNATIONAL PACIFIC HALIBUT COMMISSION 100 years

Recent mortality and mortality limits (TCEYs)



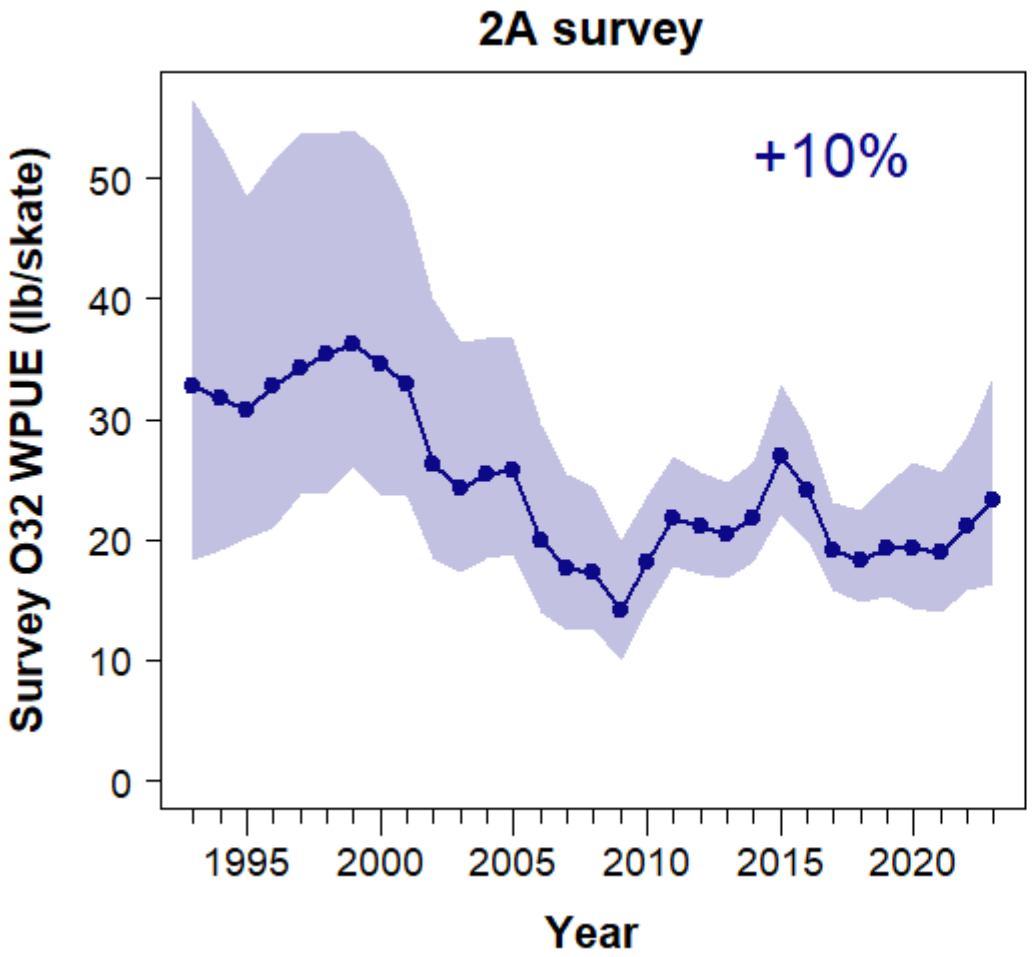
FISS and Fishery– Weight-Per-Unit-Effort

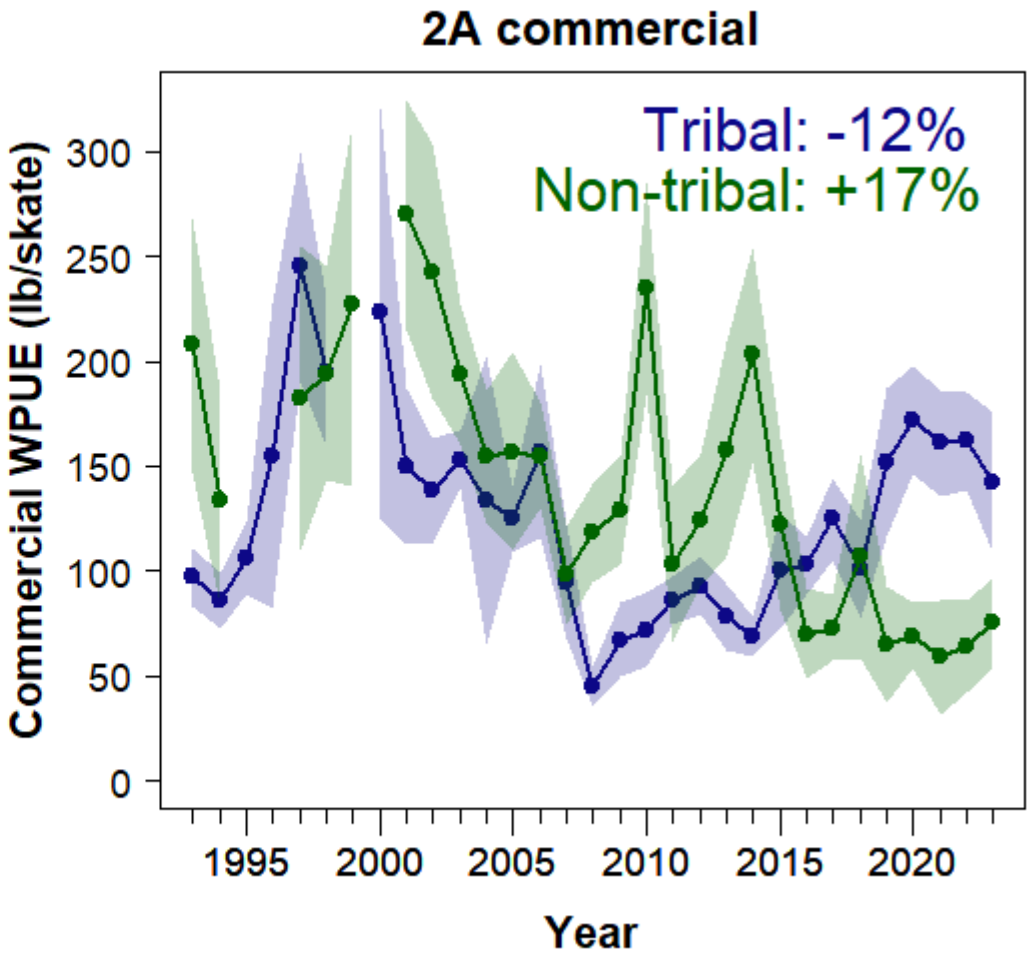




INTERNATIONAL PACIFIC HALIBUT COMMISSION 100 years

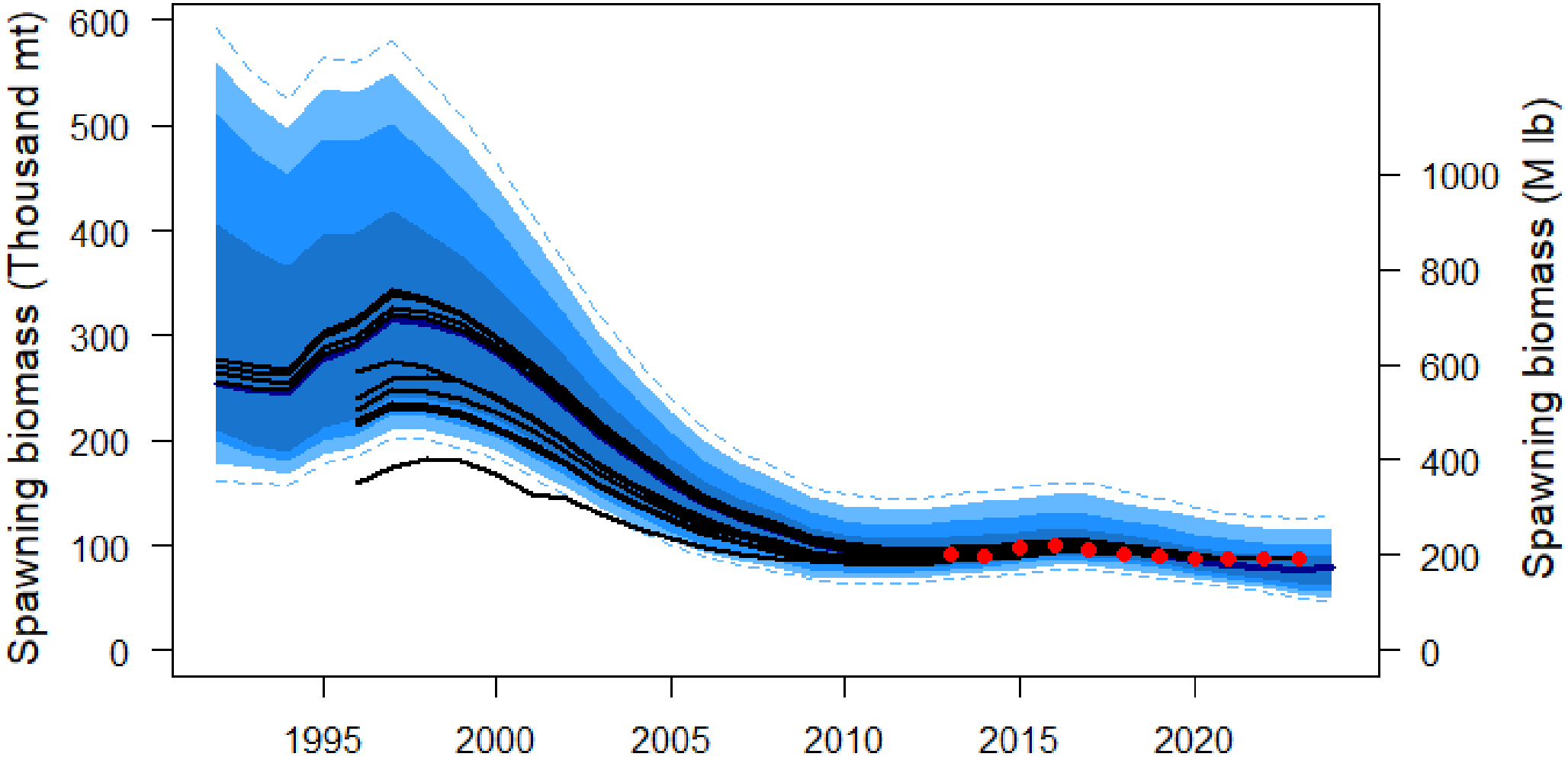
FISS and Fishery– Weight-Per-Unit-Effort





INTERNATIONAL PACIFIC HALIBUT COMMISSION 100 years

Comparison to previous assessments



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