



Report of the 27th Session of the IPHC Processor Advisory Board (PAB027)

Meeting held electronically, 25-27 January 2022

Commissioners

Canada	United States of America
Paul Ryall	Glenn Merrill
Neil Davis	Robert Alverson
Peter DeGreef	Richard Yamada

Executive Director

David T. Wilson, Ph.D.

DISTRIBUTION:

Participants in the Session
Members of the Commission
IPHC Secretariat

BIBLIOGRAPHIC ENTRY

IPHC 2022. Report of the 27th Session of the IPHC Processor Advisory Board (PAB027). Electronic meeting, 25-27 January 2022.
IPHC-2022-PAB027-R, 16 pp.



INTERNATIONAL PACIFIC
HALIBUT COMMISSION

The designations employed and the presentation of material in this publication and its lists do not imply the expression of any opinion whatsoever on the part of the International Pacific Halibut Commission (IPHC) concerning the legal or development status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

This work is protected by copyright. Fair use of this material for scholarship, research, news reporting, criticism or commentary is permitted. Selected passages, tables or diagrams may be reproduced for such purposes provided acknowledgment of the source is included. Major extracts or the entire document may not be reproduced by any process without the written permission of the Executive Director, IPHC.

The IPHC has exercised due care and skill in the preparation and compilation of the information and data set out in this publication. Notwithstanding, the IPHC, its employees and advisers, assert all rights and immunities, and disclaim all liability, including liability for negligence, for any loss, damage, injury, expense or cost incurred by any person as a result of accessing, using or relying upon any of the information or data set out in this publication, to the maximum extent permitted by law including the International Organizations Immunities Act.

Contact details:

International Pacific Halibut Commission
2320 W. Commodore Way, Suite 300
Seattle, WA, 98199-1287, U.S.A.
Phone: +1 206 634 1838
Fax: +1 206 632 2983
Email: secretariat@iphc.int
Website: <https://www.iphc.int/>

ACRONYMS

AM	Annual Meeting, of the IPHC
FCEY	Fishery Constant Exploitation Yield
FISS	Fishery-independent setline survey
HANA	Halibut Association of North America
IPHC	International Pacific Halibut Commission
NOAA	National Oceanic and Atmospheric Association
ODFW	Oregon Department of Fish and Wildlife
SPR	Spawning Potential Ratio
TCEY	Total Constant Exploitation Yield
WPUE	Weight Per Unit Effort

DEFINITIONS

A set of working definitions are provided in the IPHC Glossary of Terms and abbreviations: <https://www.iphc.int/the-commission/glossary-of-terms-and-abbreviations>

HOW TO INTERPRET TERMINOLOGY CONTAINED IN THIS REPORT

This report has been written using the following terms and associated definitions so as to remove ambiguity surrounding how particular paragraphs should be interpreted.

- Level 1: RECOMMENDED; RECOMMENDATION; ADOPTED** (formal); **REQUESTED; ENDORSED** (informal): A conclusion for an action to be undertaken, by a Contracting Party, a subsidiary (advisory) body of the Commission and/or the IPHC Secretariat.
- Level 2: AGREED:** Any point of discussion from a meeting which the Commission considers to be an agreed course of action covered by its mandate, which has not already been dealt with under Level 1 above; a general point of agreement among delegations/participants of a meeting which does not need to be elevated in the Commission's reporting structure.
- Level 3: NOTED/NOTING; CONSIDERED; URGED; ACKNOWLEDGED:** General terms to be used for consistency. Any point of discussion from a meeting which the Commission considers to be important enough to record in a meeting report for future reference. Any other term may be used to highlight to the reader of an IPHC report, the importance of the relevant paragraph. Other terms may be used but will be considered for explanatory/informational purposes only and shall have no higher rating within the reporting terminology hierarchy than Level 3.

TABLE OF CONTENTS

REPORT OF THE 27TH SESSION OF THE IPHC PROCESSOR ADVISORY BOARD (PAB027)	1
TABLE OF CONTENTS	4
EXECUTIVE SUMMARY	5
1. OPENING OF THE SESSION	6
2. ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION	6
3. IPHC SECRETARIAT INFORMATIONAL SESSION	6
3.1 <i>Mortality Limits and TCEY</i>	6
3.2 MSE update.....	6
3.3 Pacific Halibut Multiregional Economic Impact Assessment (PHMEIA).....	6
4. FISHING PERIODS: SEASON OPENING AND CLOSING DATES	7
5. MORTALITY LIMITS	7
5.1 <i>Coastwide perspectives</i>	7
5.2 <i>Regulatory Area perspectives</i>	7
5.3 <i>TCEY Recommendations</i>	7
6. IPHC FISHERY REGULATION PROPOSALS FOR 2022	8
6.1 <i>IPHC Secretariat fishery regulation proposals</i>	8
6.2 <i>Contracting Party fishery regulation proposals</i>	8
6.3 <i>Other Stakeholder fishery regulation proposals</i>	9
7. RULES OF PROCEDURE - PAB	9
8. OTHER BUSINESS	10
9. REVIEW OF THE DRAFT AND ADOPTION OF THE REPORT OF THE 27TH SESSION OF THE IPHC PROCESSOR ADVISORY BOARD (PAB027)	11
APPENDIX I LIST OF PARTICIPANTS FOR THE 27TH SESSION OF THE IPHC PROCESSOR ADVISORY BOARD (PAB027)	12
APPENDIX II AGENDA FOR THE 27TH SESSION OF THE IPHC PROCESSOR ADVISORY BOARD (PAB027)	14
APPENDIX III PACIFIC HALIBUT MORTALITY PROJECTED FOR 2022 BASED ON THE PAB RECOMMENDED TCEY MORTALITY LIMITS	15
APPENDIX IV CONSOLIDATED SET OF RECOMMENDATIONS AND REQUESTS OF THE 27TH SESSION OF THE IPHC PROCESSOR ADVISORY BOARD (PAB027) (25-26 JANUARY 2022)	16

EXECUTIVE SUMMARY

The 27th Session of the International Pacific Halibut Commission (IPHC) Processor Advisory Board (PAB027) was held electronically from 25-27 January 2022. A total of 25 eligible members lodged an accreditation/authorisation form for the meeting, however, only 16 were present at the commencement of the Session from the two (2) Contracting Parties. Two proxies were submitted. The meeting was opened by Mr Carl Nordmann (President of HANA) who welcomed participants.

The following are a subset of the complete recommendations and requests for action from the PAB027, which are provided at [Appendix IV](#).

RECOMMENDATIONS

Fishing periods: season opening and closing dates

PAB027-Rec.01 ([para. 11](#)) The PAB **RECOMMENDED** the following fishing period dates for 2022:

- a) Opening: 8 March [in favour=12; against=4; abstain=0]; [Proxy in favour=1; abstain = 1]
- b) Closing: 8 November [in favour=12; against=4; abstain=0] [Proxy in favour=1; abstain = 1]

Mortality limits

PAB027-Rec.02 ([para. 16](#)) The PAB **RECOMMENDED** the following TCEY mortality limits for the 2022 fishing period as provided in [Table 1](#), which translate to the mortality estimates by sector (as provided by the IPHC Secretariat) provided in [Appendix III](#) and an SPR of 43% [In favour=12; against=2; abstain=0][Proxy: In favour=2; against=0; abstain=0].

IPHC Fishery Regulations: Mortality and Fishery Limits (Sect. 5)

PAB027-Rec.03 ([para. 20](#)) The PAB **RECOMMENDED** that the Commission adopt the framework contained in proposal IPHC-2022-AM098-PropA1, with the addition of the mortality limits for each Contracting Party, by sector, as detailed in Section 5.3). [In favour=12; against=0; abstain=2][Proxy: In favour=2 against=0; abstain=0].

IPHC Fishery Regulations: Commercial fishing periods (Sect. 9)

PAB027-Rec.04 ([para. 23](#)) The PAB **RECOMMENDED** that the Commission adopt the date format and framework in fishery regulation proposal IPHC-2022-AM098-PropA2 which specified fishing periods for the commercial Pacific halibut fisheries, with the addition of the fishing periods as detailed in Section 4). [In favour=14; against=0; abstain=0][Proxy: In favour=2; against=0; abstain=0]

IPHC Fishery Regulations: Fishing gear (Sect. 18) – Trap gear use in IPHC Regulatory Area 2b

PAB027-Rec.05 ([para. 31](#)) The PAB **RECOMMENDED** that the Commission adopt proposal IPHC-2022-AM098-PropB3. [In favour=14; against=0; abstain=0][Proxy: In favour=2; against=0; abstain=0].

Rules of Procedure - PAB

PAB027-Rec.06 ([para. 39](#)) The PAB **RECOMMENDED** that Parliamentary procedure is the preferred process for accepted rules, ethics, and to conduct the meetings of the PAB.

1. OPENING OF THE SESSION

1. The 27th Session of the International Pacific Halibut Commission (IPHC) Processor Advisory Board (PAB027) was held electronically from 25-27 January 2022. A total of 25 eligible members lodged an accreditation/authorisation form for the meeting, however, only 16 were present at the commencement of the Session from the two (2) Contracting Parties. Two proxies were submitted. The list of participants is provided at [Appendix I](#). The meeting was opened by Mr Carl Nordmann (acting President of HANA) who welcomed participants.

1.1 Accreditation/Authorisation

2. Canada accredited 0 new members and the USA accredited 2 new members, for participation in the 2022 Processor Advisory Board proceedings, as follows:
 - a) Sitka Salmon Shares (USA). Representative: Ms Michael Kohan;
 - b) Alaska Glacier Seafoods Inc. (USA). Representative: Ms Jessie Keplinger.
3. The PAB **NOTED** that due to a contradiction in the PAB's Rules of Procedure, proxy votes would need to be tallied separately for this meeting. The contradiction is that only members present can vote, however the proxy rule suggests otherwise. The rules of procedure need to be revised.

1.2 Election of Chairperson and Vice-Chairperson

4. In accordance with Appendix IV, Section III of the IPHC Rules of Procedure (2021), the PAB **NOTED** the requirement to elect a Chairperson and a Vice-Chairperson of the PAB for one year, or until a replacement is elected.
5. The PAB **CALLED** for nominations for the position of Chairperson of the PAB for one year, or until a replacement is elected. Jessie Keplinger (USA) was nominated, seconded and elected as Chairperson.
6. The PAB **CALLED** for nominations for the position of Vice-Chairperson of the PAB for one year, or until a replacement is elected. Carl Nordmann (Canada) was nominated, seconded and elected as Vice-Chairperson.

2. ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION

7. The PAB **ADOPTED** the Agenda as provided at [Appendix II](#). The documents provided to the PAB027 are those submitted for the 98th Session of the IPHC Annual Meeting (AM098). To assist the PAB in navigating its meeting, all documents relevant to the agenda were posted as links on the PAB webpage: <https://www.iphc.int/venues/details/27th-session-of-the-iphc-processor-advisory-board-pab027>

3. IPHC SECRETARIAT INFORMATIONAL SESSION

3.1 Mortality Limits and TCEY

8. The PAB **NOTED** the informal presentation by Dr Ian Stewart (IPHC Quantitative Scientist).

3.2 MSE update

9. The PAB **NOTED** the review of the MSE process and MSAB reports provided by Dr Allan Hicks (IPHC Quantitative Scientist).

3.3 Pacific Halibut Multiregional Economic Impact Assessment (PHMEIA)

10. The PAB **NOTED** the information presentation by Dr Barbara (Basia) Hutniczak (IPHC Branch Manager) which included a broad overview of her current work to better understand the economic contribution of Pacific halibut and the connectivity to the supply chain with initial focus on the commercial fishery.

4. FISHING PERIODS: SEASON OPENING AND CLOSING DATES

11. The PAB **RECOMMENDED** the following fishing period dates for 2022:
- Opening: 8 March [in favour=12; against=4; abstain=0]; [Proxy in favour=1; abstain = 1]
 - Closing: 8 November [in favour=12; against=4; abstain=0] [Proxy in favour=1; abstain = 1]
12. The PAB **NOTED** that four members (3 Canadian, 1 USA) voting against these dates were supportive of a longer season (6 March to 7 December).

5. MORTALITY LIMITS

13. The PAB **NOTED** the IPHC's web-based mortality projection tool for use in the PAB027 and AM098 (<https://www.iphc.int/data/projection-tool>).

5.1 *Coastwide perspectives*

14. The PAB **AGREED** to support a TCEY of 41.22 M lbs which is equivalent to an F43 fishing intensity. [In favour =15; Against = 0; Abstain = 0] [Proxy: In favour: 2]

5.2 *Regulatory Area perspectives*

15. Nil

5.3 *TCEY Recommendations*

16. The PAB **RECOMMENDED** the following TCEY mortality limits for the 2022 fishing period as provided in [Table 1](#), which translate to the mortality estimates by sector (as provided by the IPHC Secretariat) provided in [Appendix III](#) and an SPR of 43% [*In favour=12; against=2; abstain=0*][Proxy: *In favour=2; against=0; abstain=0*].
17. The PAB **NOTED** that the numbers in [Table 1](#) honor the interim agreements for IPHC Regulatory Area 2A and 2B. The PAB accepted the scientific advice given by Dr Stewart in deciding on a coastwide harvest intensity of F43. In considering area specific distribution the PAB used the following reasoning in designating limits for areas 2C and 3B:
- Area 2C-5.19 Mlbs. A limit of 5.19 Mlbs matches what would have been referenced for IPHC Regulatory Area 2C without an Interim Agreement, as well as being lower than 2021 adopted mortality limit. Acknowledging a need for adjustment down according to the survey data but not such a dramatic drop as suggested when considering the interim agreement which would have decreased 2C by just over 1 M lbs or 20%, when other areas in fishing region 2 either maintained status quo or increased. Further, the average weight of fish landed in 2C dropped a significant amount, and which has been attributed to the recruitment from 2012 year class and not from a lack of large fish.
 - Area 3B-4.28 Mlbs. The IPHC Secretariat TCEY distribution without an interim agreement would have been 6.47 Mlbs. The PAB recalled historically there was a reduction of quota after going up too quickly in area IPHC Regulatory Area 3B, as well as the Slow-Up-Fast-Down policy to prevent high interannual variations. We felt that it was responsible to not increase the quota by over 100% in one area. The PAB is suggesting a 37% increase rather than a more than 100% increase.
18. The PAB **NOTED** that two members (2 USA) voted against the recommended area specific mortality limits because they lacked confidence in survey numbers in IPHC Regulatory Area 2C and were concerned with the distribution of the resource being given to IPHC Regulatory Area 2B, who are fishing well above the Secretariat recommendation.

Table 1. Processor Advisory Board (PAB) recommended TCEY mortality limits for 2022. See previous paragraphs for voting.

IPHC Regulatory Area	Mortality limit (TCEY) (mlbs)
2A	1.65
2B	7.56
2C	5.19
3A	14.37
3B	4.28
4A	2.39
4B	1.80
4CDE	3.98
Total (IPHC Convention Area)	41.22

6. IPHC FISHERY REGULATION PROPOSALS FOR 2022

6.1 IPHC Secretariat fishery regulation proposals

6.1.1 IPHC Fishery Regulations: Mortality and Fishery Limits (Sect. 5)

19. The PAB **NOTED** fishery regulation proposal [IPHC-2022-AM098-PropA1](#), which provides the mortality and fishery limits framework for population at AM098.
20. The PAB **RECOMMENDED** that the Commission adopt the framework contained in proposal IPHC-2022-AM098-PropA1, with the addition of the mortality limits for each Contracting Party, by sector, as detailed in Section 5.3). [*In favour=12; against=0; abstain=2*][Proxy: *In favour=2 against=0; abstain=0*].

6.1.2 IPHC Fishery Regulations: Commercial fishing periods (Sect. 9)

21. The PAB **NOTED** fishery regulation proposal [IPHC-2022-AM098-PropA2](#), which specified fishing periods for the commercial Pacific halibut fisheries. See Section 4 for a summary of discussions and recommendations.
22. The PAB **NOTED** proposal [IPHC-2022-AM098-PropA2](#), with the addition of the fishing periods as detailed in Section 4).
23. The PAB **RECOMMENDED** that the Commission adopt the date format and framework in fishery regulation proposal IPHC-2022-AM098-PropA2 which specified fishing periods for the commercial Pacific halibut fisheries, with the addition of the fishing periods as detailed in Section 4). [*In favour=14; against=0; abstain=0*][Proxy: *In favour=2; against=0; abstain=0*]

6.1.3 IPHC Fishery Regulations: minor amendments

24. The PAB **NOTED** fishery regulation proposal [IPHC-2022-AM098-PropA3](#), which proposed amendments to ensure clarity and consistency in the IPHC Fishery Regulations.
25. The PAB **NOTED** the motion to adopt proposal IPHC-2022-AM098-PropA3. [*In favour=1; against=12; abstain=1*][Proxy: *In favour=0; against=1; abstain=1*]. This motion failed, with concerns over language regarding contracting to non-IPHC employees and their authorization to perform any task.

6.2 Contracting Party fishery regulation proposals

6.2.1 Recreational (sport) fishing for Pacific halibut—IPHC Regulatory areas 2c, 3a, 3b, 4a, 4b, 4c, 4d, 4e (sect. 29) - Recordkeeping for charter Pacific halibut annual limits

26. The PAB **NOTED** fishery regulation proposal [IPHC-2022-AM098-PropB1 Rev 1](#), which proposed establishing recordkeeping requirements needed to enforce Pacific halibut annual limits for recreational (sport) fishing for halibut in Convention waters in and off Alaska.

27. The PAB **NOTED** fishery regulation proposal [IPHC-2022-AM098-PropB1 Rev 1](#) and **AGREED** to abstain from making a recommendation. [*In favour=13; against=0; abstain=1*][Proxy: *In favour=2; against=0; abstain=0*]

6.2.2 IPHC Fishery Regulations: Charter management measures in IPHC Regulatory Areas 2C and 3A (Sect. 29)

28. The PAB **NOTED** fishery regulation proposal [IPHC-2022-AM098-PropB2](#), which proposed IPHC Regulation changes for charter recreational Pacific halibut fisheries in IPHC Regulatory Areas 2C and 3A, in order to achieve the charter Pacific halibut allocation under the North Pacific Fisheries Management Council's (NPFMC) Pacific halibut Catch Sharing Plan.

29. The PAB **NOTED** proposal [IPHC-2022-AM098-PropB2](#) and **AGREED** to abstain from making a recommendation. [*In favour=13; against=0; abstain=1*][Proxy: *In favour=2; against=0; abstain=0*]

6.2.3 IPHC Fishery Regulations: Fishing gear (Sect. 18) – Trap gear use in IPHC Regulatory Area 2b

30. The PAB **NOTED** fishery regulation proposal [IPHC-2022-AM098-PropB3](#), which proposed IPHC Regulation changes to allow trap gear use on directed commercial trips in IPHC Regulatory Area 2B.

31. The PAB **RECOMMENDED** that the Commission adopt proposal IPHC-2022-AM098-PropB3. [*In favour=14; against=0; abstain=0*][Proxy: *In favour=2; against=0; abstain=0*].

6.2.4 IPHC Fishery Regulations: Charter management measures in IPHC Regulatory Areas 2C and 3A (Sect. 29)

32. The PAB **NOTED** fishery regulation proposal [IPHC-2022-AM098-PropB4](#), which proposed IPHC Regulation changes to allow a daily bag limit of three fish per person in IPHC Regulatory Area 2B.

33. The PAB **NOTED** proposal [IPHC-2022-AM098-PropB4](#) and **AGREED** to abstain from making a recommendation. [*In favour=10; against=0; abstain=4*][Proxy: *In favour=1; against=0; abstain=1*].

6.3 Other Stakeholder fishery regulation proposals

6.3.1 Recreational (Sport) Fishing for Pacific Halibut—IPHC Regulatory Areas 2C, 3A, 3B, 4A, 4B, 4C, 4D, 4E (Sect. 29) - Processing Pacific halibut for eating and/or preservation

34. The PAB **NOTED** fishery regulation proposal IPHC-2022-AM098-PropC1, which proposed an exception that allows recreational fishermen on pleasure craft in Alaska Regulatory Areas to process Pacific halibut for eating and/or preservation, subject to measures to facilitate enforcement of the applicable daily bag limits.

35. The PAB **NOTED** proposal [IPHC-2022-AM098-PropC1](#) and **AGREED** to abstain from making a recommendation. [*In favour=12; against=2; abstain=0*][Proxy: *In favour=2; against=0; abstain=0*].

36. The PAB **NOTED** that they did not hear the opinion from Fisheries Enforcement on [IPHC-2022-AM098-PropC1](#).

7. RULES OF PROCEDURE - PAB

37. The PAB **NOTED** paper [IPHC-2022-FAC098-09](#) that proposed improvements to the PAB Rules of Procedure.

38. The PAB **NOTED** the following text from the FAC098 report (IPHC-2022-FAC098-R):

(para. 26) “*The FAC AGREED that:*

- a) *the proposed amendments to the PAB terms of reference and rules of procedure seem sensible, and will align the PAB with the practices of the Commission and its other subsidiary bodies.*

- b) *the IPHC Secretariat is the Commission's administrative body tasked with the organisational, administrative, communications, and recruitment facilitator roles for its subsidiary bodies, among other roles and responsibilities;*
- c) *unless there is a compelling reason provided by the Co-Chairs of the PAB027, to retain the current approach whereby the Halibut Association of North America (HANA) is described in the PAB Terms of Reference as the administrative, communications, and recruitment facilitator for the PAB, that the Commission should move to approve the amendments as proposed."*

(para. 27) *The FAC **RECOMMENDED** that the Commission adopt the International Pacific Halibut Commission Rules of Procedure (2022), as provided in IPHC-2022-FAC098-09, while taking into consideration any additional advice received from the PAB027, as well as to amend para. 1.a of the RAB ToR's to read as follows:*

"1.1.a Suggest research topics to be considered for incorporation in the IPHC integrated research and monitoring activities, as well as to comment upon operational and implementation considerations of those research and monitoring activities."

- 39. The PAB **RECOMMENDED** that Parliamentary procedure is the preferred process for accepted rules, ethics, and to conduct the meetings of the PAB.
- 40. The PAB **AGREED** that it would like HANA to continue to play an active role within the PAB should the IPHC Secretariat assume the Secretariat role. Utilizing HANA as a liaison for other support services such as pre-meeting onboarding, providing information and other documents, in meeting support, and to help complete the minutes from the PAB meeting. Furthermore, as there is a generational transition of the members of the PAB. HANA has remained a constant in guiding the PAB throughout the process and helping the Chairs facilitate a productive meeting. While also providing historical context to PAB action and decisions making in past meetings. HANA participates and compiles relevant information from many other Management organizations/Industry groups which is then provided to the PAB Membership.
- 41. The PAB **NOTED** that it intends to establish a working group to coordinate with the IPHC Secretariat on further revisions to the rules of procedure, which could include a role for HANA. The next round of revisions will include (but not be limited to) clarification and weighting of proxy voting, and timing of Chair and Vice-Chair elections. *[Paragraphs 39 – 41 were all voted together and passed unanimously: In favour=15; against=0; abstain=0][Proxy: In favour=2; against=0; abstain=0].*

8. OTHER BUSINESS

- 42. The PAB **NOTED** that a long-term distribution policy should include the following components.
 - a) Mortality limits for regulatory areas are based on indices derived from the most current scientific data and a range of explicit policy choices to provide a higher level of predictability and stability in each regulatory area.
 - b) Explicit policy consideration should be evaluated by the MSE framework.
 - c) Negative impacts from one regulatory area to another should be minimized.
 - d) Margins of uncertainty in year-to-year coastwide mortalities should be narrowed by using smoothing elements such as keeping maximum annual variability below 15% or Slow Up/Fast Down.
 - e) At the regulatory area, minimize variability in year-to-year survey abundance indices, such as a 3- to 5-year rolling average or Slow Up/Fast Down.
 - f) Be developed in a transparent process with adequate input from stakeholders.
 - g) Continue to improve the monitoring of all removals both in the directed and non-directed fishery.
 - h) Multi-year agreement between Countries based on science to give more stability to both parties.
- 43. The PAB **NOTED** that the Contracting Parties should begin negotiations as early as possible, recognizing that the current Interim Agreement will expire after the 2022 season.

44. Paragraphs [42](#) and [43](#) were voted together and passed unanimously. [*In favour=14; against=0; abstain=0*][*Proxy: In favour=2; against=0; abstain=0*].
45. The PAB **EXPRESSED** its appreciation for the assistance provided by the IPHC Secretariat, and for in-session presentations and support by Lynn Mattes (ODFW), Maureen Finn (DFO, Doug Duncan (NOAA-Fisheries), Dr David Wilson, Dr Ian Stewart, Dr Allan Hicks, Dr Basia Hutniczak, Mr Claude Dykstra, Ms Tara Coluccio and the Secretariat support behind the scenes.

9. REVIEW OF THE DRAFT AND ADOPTION OF THE REPORT OF THE 27TH SESSION OF THE IPHC PROCESSOR ADVISORY BOARD (PAB027)

46. The report of the 27th Session of the IPHC Processor Advisory Board ([IPHC-2022-PAB027-R](#)) was **ADOPTED** on 27 January 2022, including the consolidated set of recommendations and requests arising from PAB027, provided at [Appendix IV](#) [*In favour=013; against=0; abstain=0*][*Proxy:2 In favour=0; against=0; abstain=0*].

APPENDIX I

LIST OF PARTICIPANTS FOR THE 27TH SESSION OF THE IPHC PROCESSOR ADVISORY BOARD
(PAB027)

Officers

Chairperson	Vice-Chairperson
Ms Jessie Keplinger (United States of America)	Mr Carl Nordmann (Canada)

PAB Members In Attendance

Canada			
	Member	Representative	Email
1	7 Seas Fish	Mr Nick Heras	nheras@7seas.ca
2	Coldfish Seafood	Mr Casey Sugden	casey@coldfish.ca
3	FAS Seafood Producers	Mr Bruce Hale	bruce@fasseafood.com
4	S.M. Products (BC) Ltd	Mr Carl Nordmann	carl@halibut.ca
United States of America			
	Member	Representative	Email
1	170 Degrees West/Central Bering Sea Fishermens Association	Ms Heather McCarty	hdmccarty@gmail.com
2	Alaska Glacier Seafoods Inc.	Ms Jessie Keplinger	jessica@akhomepack.com
3	Dana F. Besecker Co. Inc.	Mr Miles Smith	miles@dfbcompany.com
4	Halibut Association of North America (HANA)	Ms Peggy Parker	peggyparker616@gmail.com
5	Icy Strait Seafoods	Mr Tim James	tim@icystraitseafoods.com
6	Kachemak Bay	Mr William Sullivan	freshhalibut@gmail.com
7	Northport Seafoods	Mr Tyler Goodnight	tyler@northportfisheries.com
8	OBI Seafoods	Isaac Schactler	isaac.schactler@obiseafoods.com
9	Seafood Producers Cooperative (SPC)	Mr Norm Pillen	npillen@spsales.com
10	Sitka Salmon Shares	Ms Michael Kohan	michael.kohan@sitkasalmonshares.com
11	Peter Pan Seafood Co., LLC	Mr Steven K. Minor	stevenm@ppsf.com
12	Yakutat Seafoods/EE	Mr Christopher (Kit) Durnil	kitd@eefoods.com

PAB Members Participating via Proxy

	Member	Country	Representative	Email	Designee
1	Aero Trading Company Ltd	CAN	Mr Brad Mirau	brad@aerotrading.ca	Carl Nordmann
2	Pacific Seafoods Group	USA	Mr David Brindle	dbrindle@pacseafood.com	Christopher (Kit) Durnil

Observers

Name	Organization
Haley Anderson	N/A
Wade Bassi	F/V Polaris
Owen Bird	Sport Fishing Institute of BC
Mark Callahan	Cally Seafoods
Abby Carrigan	N/A
Peter de Greef	IPHC Commissioner
Doug Duncan	National Oceanic and Atmospheric Administration
Maureen Finn	Fisheries and Oceans Canada
Heather Hall	Washington Department of Fish and Wildlife
Christian Heath	Oregon Department of Fish and Wildlife
Peter Hulson	National Oceanic and Atmospheric Administration
Kurt Iverson	National Oceanic and Atmospheric Administration
Will Jasper	Makah Fisheries Management
Karl Klaptorsk	N/A
Matthew Krueger	N/A
Averil Lamont	Fisheries and Oceans Canada
Sarah Marrian	National Oceanic and Atmospheric Administration
Lynn Mattes	Oregon Department of Fish & Wildlife
Scott Mazzone	Quinault Indian Nation
Alicia Miller	National Oceanic and Atmospheric Administration
Anne-Louise Mittal	N/A
Melanie Parker	California Department of Fish & Wildlife
Kevin Romanin	Ministry of Agriculture, Food & Fisheries
Bryan Schroder	Cashion Gilmore & Lindemuth
Maggie Sommer	Oregon Department of Fish & Wildlife

IPHC Secretariat

Participant	Title	Email
Dr. David T. Wilson	Executive Director	david.wilson@iphc.int
Ms Tara Coluccio	Administrative Specialist/Communications	tara.coluccio@iphc.int
Mr Claude Dykstra	Research Biologist	claudio.dykstra@iphc.int
Ms Joan Forsberg	Age Lab Supervisor	joan.forberg@iphc.int
Dr Allan Hicks	Quantitative Scientist	allan.hicks@iphc.int
Dr Barbara Hutniczak	Fisheries Policy and Economics Branch Manager	barbara.hutniczak@iphc.int
Mr Tyler Jack	Setline Survey Specialist	tyler.jack@iphc.int
Ms Lauri Sadorus	Research Biologist	lauri.sadorus@iphc.int
Ms Kimberly Sawyer Van Vleck	Fisheries Data Specialist	kimberly.sawyer.vanvleck@iphc.int
Dr Ian Stewart	Quantitative Scientist	ian.stewart@iphc.int
Mr Robert Tynes	Information Technology Specialist	robert.tynes@iphc.int

APPENDIX II**AGENDA FOR THE 27TH SESSION OF THE IPHC PROCESSOR ADVISORY BOARD (PAB027)****Date:** 25-26 January 2022**Location:** Electronic**Venue:** Adobe Connect**Time:** 25th: 13:30-17:00; 26th: 09:00-17:00; If needed 27th: 09:00-12:00**Chairperson:** Ms Jessie Keplinger (USA) **Vice-Chairperson:** Mr Carl Nordmann (Canada)

- 1. OPENING OF THE SESSION**
 - 1.1 Accreditation of PAB Membership (2022)
 - 1.2 Election of Chairperson and Vice-Chairperson
- 2. ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Chairperson)
- 3. IPHC SECRETARIAT INFORMATIONAL SESSION**
 - 3.1 Mortality Limits and TCEY (I. Stewart)
 - 3.2 MSE Update (A. Hicks)
 - 3.3 Pacific Halibut Multiregional Economic Impact Assessment (PHMEIA) (B. Hutniczak)
- 4. FISHING PERIODS: SEASON OPENING AND CLOSING DATES**
- 5. MORTALITY LIMITS** (Chairperson)
 - 5.1 Coastwide perspectives
 - 5.2 Regulatory Area perspectives
 - 5.3 TCEY Recommendations
- 6. IPHC FISHERY REGULATION PROPOSALS FOR 2022**
 - 6.1 IPHC Secretariat fishery regulation proposals (B. Hutniczak)
 - 6.2 Contracting Party fishery regulation proposals (Contracting Parties)
 - 6.3 Other Stakeholder fishery regulation proposals (Stakeholders)
- 7. RULES OF PROCEDURE – PAB**
 - 7.1 IPHC Rules of Procedure (2022) (D. Wilson)
- 8. OTHER BUSINESS** (Chairperson)
- 9. REVIEW OF THE DRAFT AND ADOPTION OF THE REPORT OF THE 27TH SESSION OF THE IPHC PROCESSOR ADVISORY BOARD (PAB027)** (Chairperson, IPHC Secretariat)

APPENDIX III**PACIFIC HALIBUT MORTALITY PROJECTED FOR 2022 BASED ON THE PAB RECOMMENDED TCEY MORTALITY LIMITS**

Note: All values reported in millions of net pounds.

RECOMMENDATION

	2A	2B	2C	3A	3B	4A	4B	4CDE	Total
Commercial discard mortality	0.07	0.21	NA	NA	0.21	0.08	0.06	0.04	0.66
O26 Non-directed discard mortality	0.09	0.21	0.07	0.72	0.35	0.24	0.12	1.96	3.76
Recreational	NA	0.03	1.09	1.58	0.01	0.01	0.00	0.00	2.71
Subsistence	NA	0.41	0.29	0.18	0.01	0.01	0.00	0.04	0.94
Total Non-FCEY	0.16	0.85	1.45	2.48	0.57	0.35	0.18	2.04	8.07
Commercial discard mortality	NA	NA	0.11	0.40	NA	NA	NA	NA	0.52
Recreational	0.60	1.01	0.68	2.08	NA	NA	NA	NA	4.37
Subsistence	0.03	NA	NA	NA	NA	NA	NA	NA	0.03
Commercial Landings	0.86	5.70	2.94	9.41	3.71	2.04	1.62	1.94	28.23
Total FCEY	1.49	6.71	3.74	11.89	3.71	2.04	1.62	1.94	33.15
TCEY	1.65	7.56	5.19	14.37	4.28	2.39	1.80	3.98	41.22
U26 Non-directed discard mortality	0.00	0.03	0.00	0.29	0.07	0.08	0.01	0.74	1.23
Total Mortality	1.65	7.59	5.19	14.66	4.35	2.47	1.81	4.72	42.45
							<i>4C FCEY</i>	<i>0.86</i>	
							<i>4D FCEY</i>	<i>0.86</i>	
							<i>4E FCEY</i>	<i>0.21</i>	

APPENDIX IV

**CONSOLIDATED SET OF RECOMMENDATIONS AND REQUESTS OF THE 27TH SESSION OF THE
IPHC PROCESSOR ADVISORY BOARD (PAB027) (25-26 JANUARY 2022)**

RECOMMENDATIONS

Fishing periods: season opening and closing dates

- PAB027-Rec.01 ([para. 11](#)) The PAB **RECOMMENDED** the following fishing period dates for 2022:
- a) Opening: 8 March [in favour=12; against=4; abstain=0]; [Proxy in favour=1; abstain = 1]
 - b) Closing: 8 November [in favour=12; against=4; abstain=0] [Proxy in favour=1; abstain = 1]

Mortality limits

- PAB027-Rec.02 ([para. 16](#)) The PAB **RECOMMENDED** the following TCEY mortality limits for the 2022 fishing period as provided in [Table 1](#), which translate to the mortality estimates by sector (as provided by the IPHC Secretariat) provided in [Appendix III](#) and an SPR of 43% [*In favour=12; against=2; abstain=0*][Proxy: *In favour=2; against=0; abstain=0*].

IPHC Fishery Regulations: Mortality and Fishery Limits (Sect. 5)

- PAB027-Rec.03 ([para. 20](#)) The PAB **RECOMMENDED** that the Commission adopt the framework contained in proposal IPHC-2022-AM098-PropA1, with the addition of the mortality limits for each Contracting Party, by sector, as detailed in Section 5.3). [*In favour=12; against=0; abstain=2*][Proxy: *In favour=2 against=0; abstain=0*].

IPHC Fishery Regulations: Commercial fishing periods (Sect. 9)

- PAB027-Rec.04 ([para. 23](#)) The PAB **RECOMMENDED** that the Commission adopt the date format and framework in fishery regulation proposal IPHC-2022-AM098-PropA2 which specified fishing periods for the commercial Pacific halibut fisheries, with the addition of the fishing periods as detailed in Section 4). [*In favour=14; against=0; abstain=0*][Proxy: *In favour=2; against=0; abstain=0*]

IPHC Fishery Regulations: Fishing gear (Sect. 18) – Trap gear use in IPHC Regulatory Area 2b

- PAB027-Rec.05 ([para. 31](#)) The PAB **RECOMMENDED** that the Commission adopt proposal IPHC-2022-AM098-PropB3. [*In favour=14; against=0; abstain=0*][Proxy: *In favour=2; against=0; abstain=0*].

Rules of Procedure - PAB

- PAB027-Rec.06 ([para. 39](#)) The PAB **RECOMMENDED** that Parliamentary procedure is the preferred process for accepted rules, ethics, and to conduct the meetings of the PAB.

REQUESTS

Nil