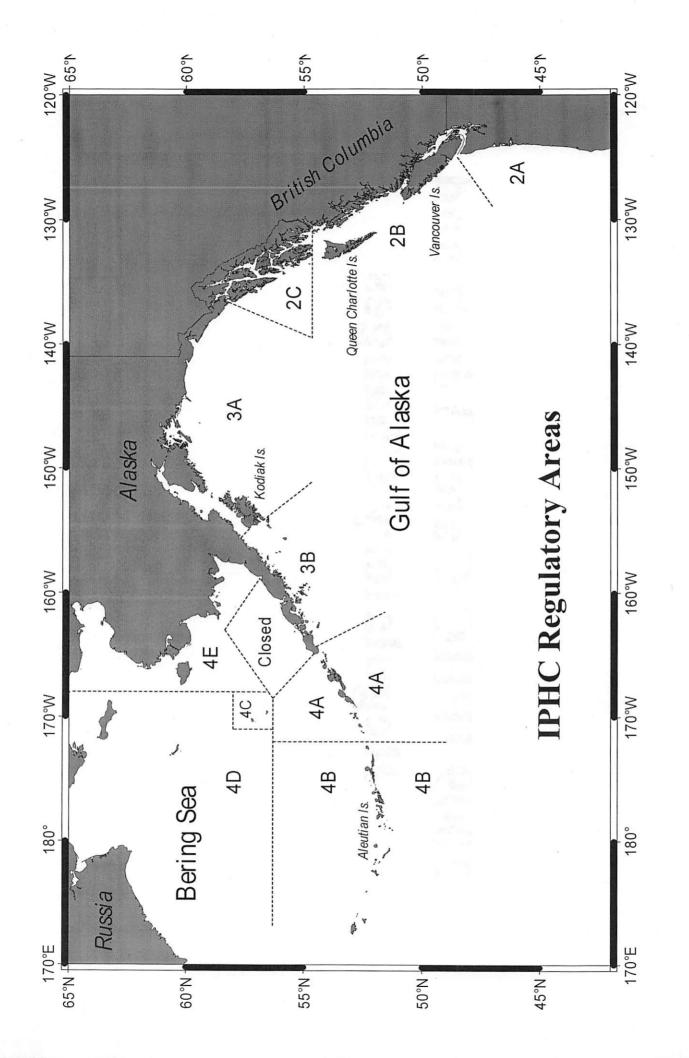
IPHC Annual Meeting January 13-16, 2009 Vancouver, B.C.

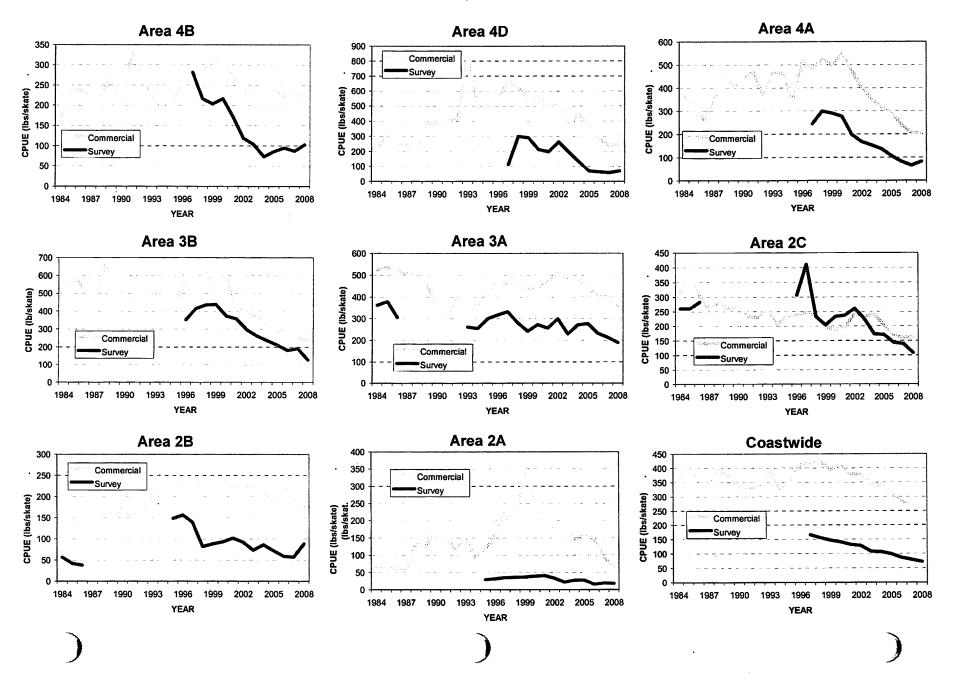
2009 IPHC Catch Limit and Regulatory Changes



Stock Condition Indicators

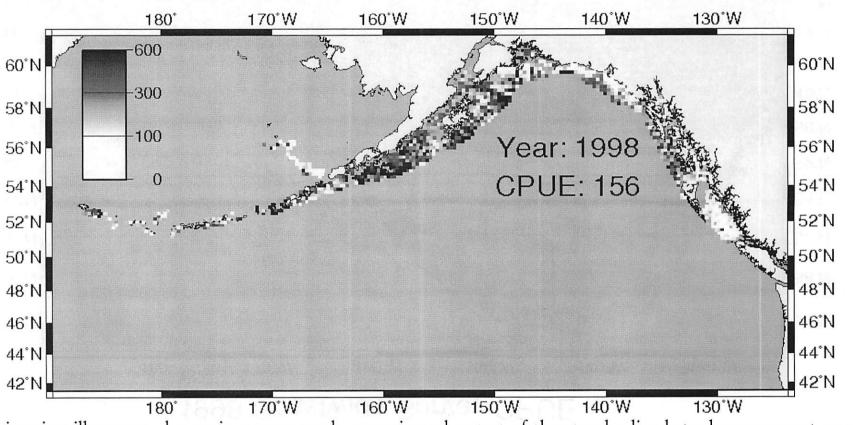
- Analytic stock assessment
- Survey CPUE
- Commercial CPUE
- Age composition

Recent changes in CPUE



Time trajectory of survey catch rates

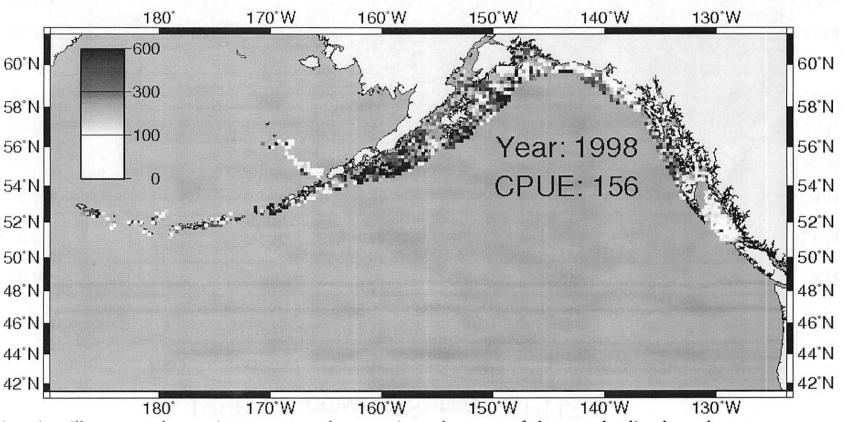
1998 Coastwide Survey CPUE



- Animation illustrates change in survey catch rates since the start of the standardized stock assessment survey.
- Each square is a survey station
- The darker the square, the higher the CPUE

Time trajectory of survey catch rates

1998 Coastwide Survey CPUE



- Animation illustrates change in survey catch rates since the start of the standardized stock assessment survey.
- Each square is a survey station
- The darker the square, the higher the CPUE

Fish of all Sizes are Moving: Percent of recoveries made outside of area, by length at release (2004-2008)

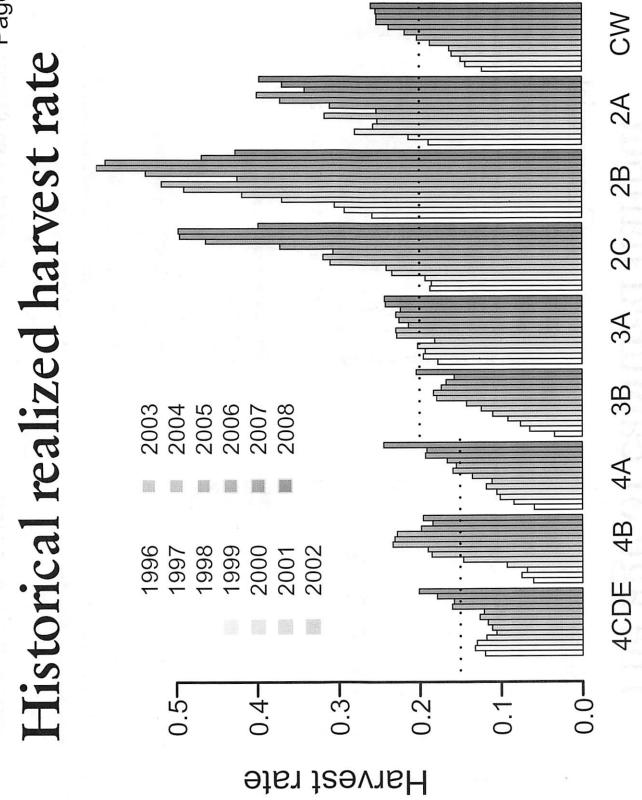
Length at release	Release Area								
	4D	4A	3B	3A	2C	2B	Coastwide		
<81 cm	0*	79	36	19	28	2	27		
81-100 cm	6	69	37	10	11	7	17		
101-120 cm	23	67	39	8	11	10	16		
>120 cm	25	25*	47	7	12	10	11		

^{*} Fewer than 10 recoveries

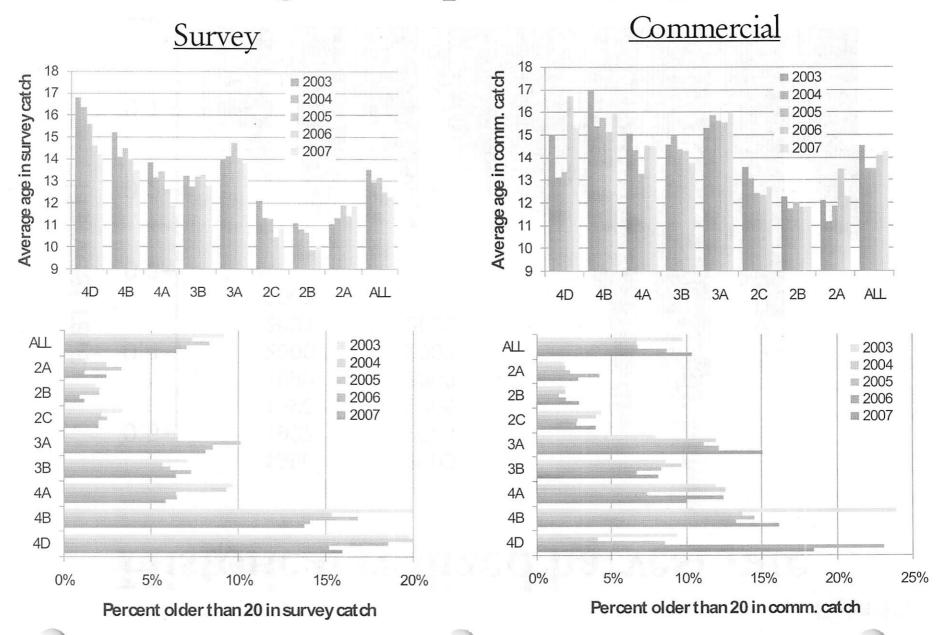
Fish are Moving in All Areas: Percent of recoveries in each Area that were released in other Areas (2003 releases)

Area	2004	2005	2006	2007
4A	0*	0*	17	29
3B	19	19	22	23
3A	11	18	22	30
2C	12	13	14	29
2B	22	30	37	27

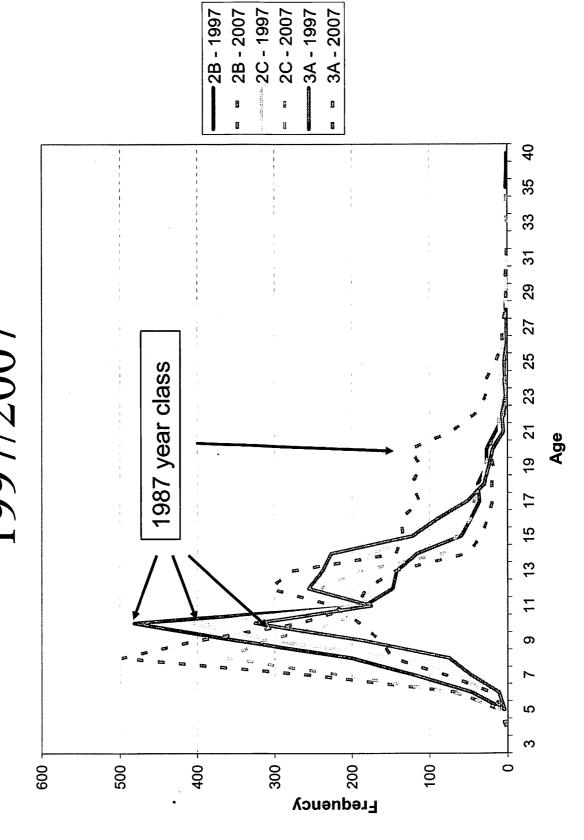
^{*}Fewer than 10 recoveries



The age of captured halibut

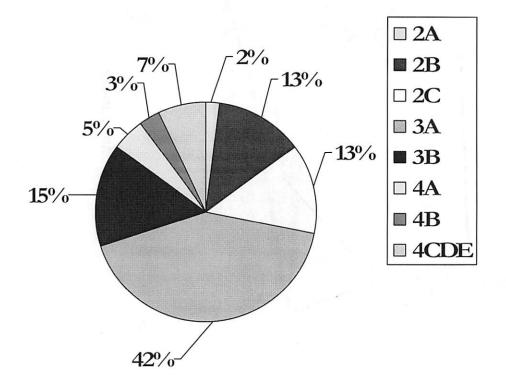


Area 2 vs. Area 3A Survey 1997/2007

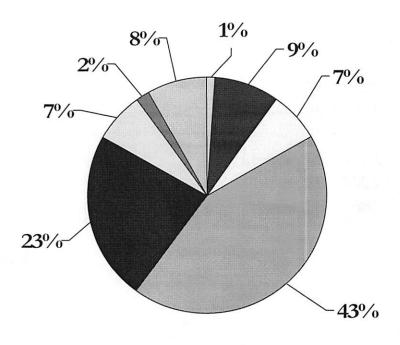


Percent of Removals 2008

(not including sub-legal bycatch and wastage)



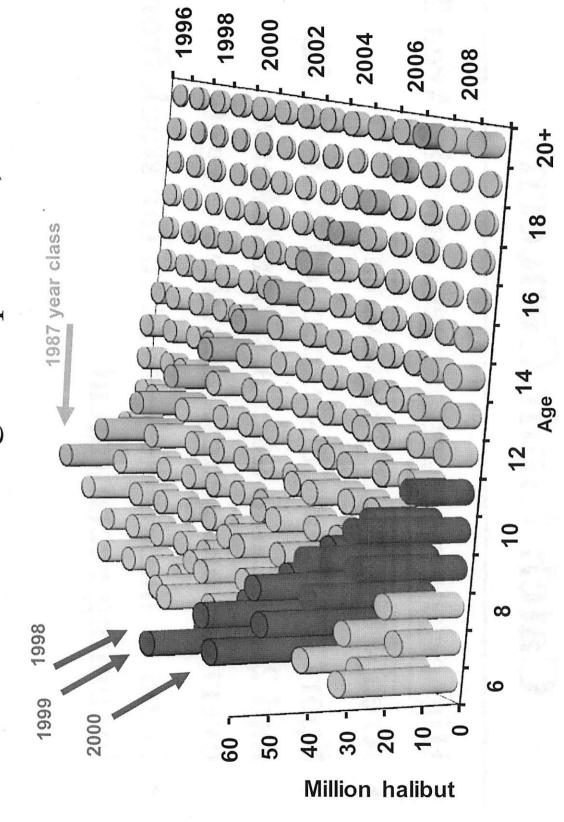
Percent of 2009 Spawning Biomass



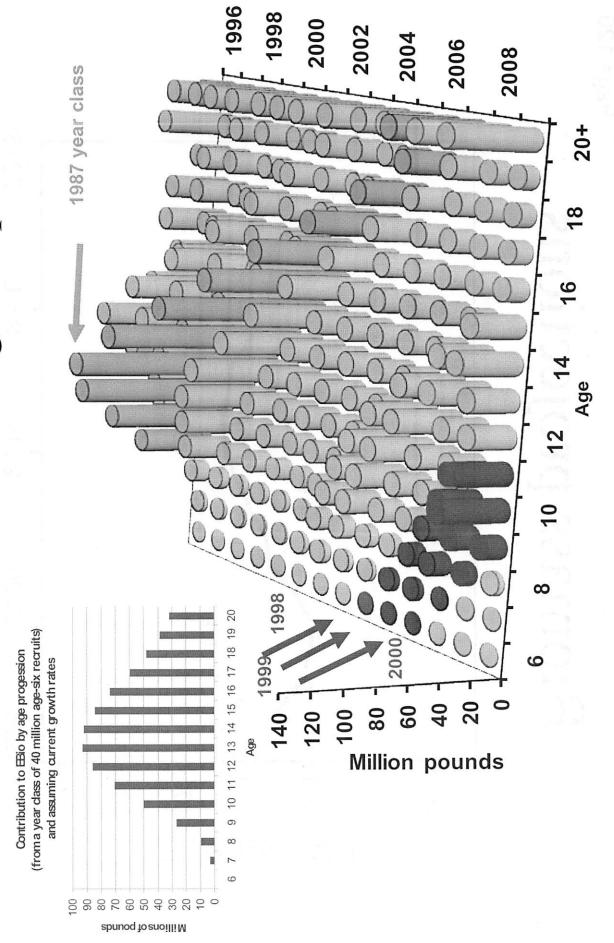
Catch Limit Concerns

- Higher than target harvest rates in Area 2
- Area 4A reduced harvest rate
- Sport catch targets exceeded in Area 2B and 2C in 2008 due to sport fishery overruns of agency-identified targets
- Need to maximize benefit to the stock from incoming recruitment

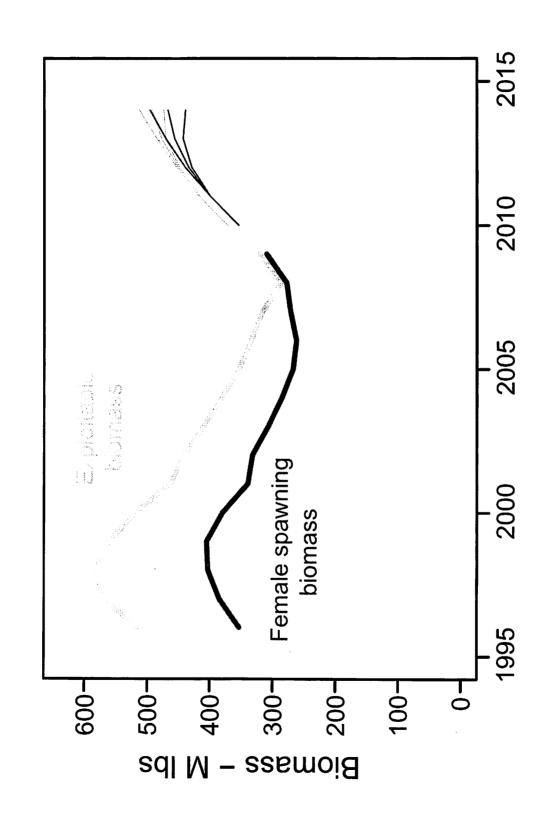
Estimated Coastwide age composition, 1996-2009



Estimated coastwide EBio age composition



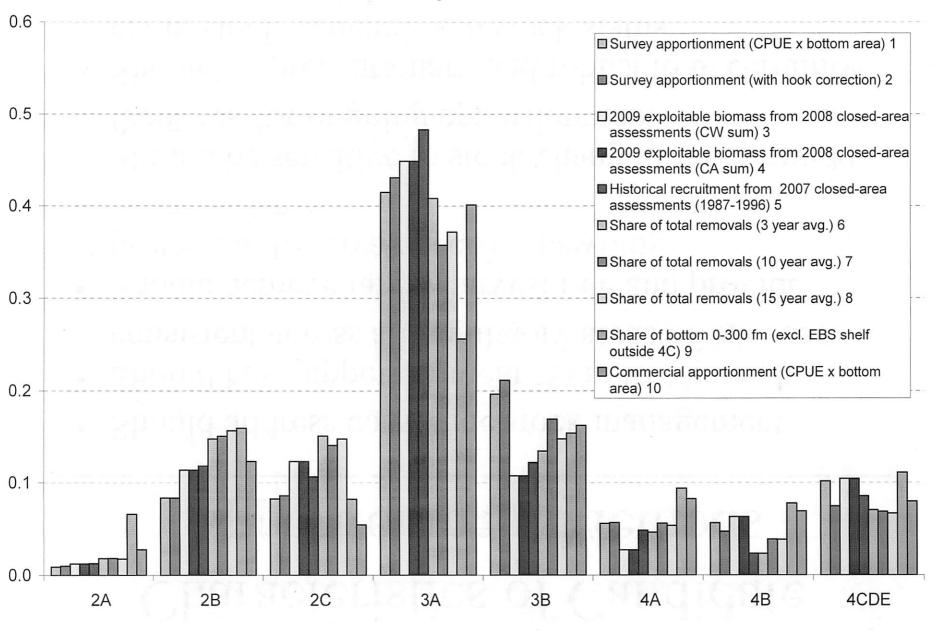
Biomass projections



Characteristics of Candidate Apportionment Methods

- Should address coastwide stock management
- Should have apportionment 'Sum to 1', i.e., be consistent across all regulatory areas of the coast
- Should achieve target harvest rate and provide protection for area-specific spawning contributions
- Should be sensitive to stock changes, i.e., provide feedback for ongoing apportionment
- Should be precautionary and robust to uncertainty about stock structure and stock status

Proportions



Apportionment of Coastwide Biomass

2009 Apportionment Scenarios

		2A	2B	2C	3A	3B	4A	4B	4CDE	Total
Survey apportionment (CPUE x bottom area)	1	0.9%	8.3%	8.2%	41.5%	19.6%	5.6%	5.7%	10.2%	100.0%
Survey apportionment (with hook correction)	2	1.0%	8.3%	8.6%	43.1%	21.2%	5.7%	4.7%	7.4%	100.0%

Coastwide abundance with partitioning

	••••	O 0.10 011				·····•				
		2A	2B	2C	3A	3B	4A	4B	4CDE	Total
Survey apportionment (CPUE x bottom area)	1	2.911	27.071	26.778	134.822	63.845	18.193	18.389	32.992	325.000
Survey apportionment (with hook correction)	2	3.208	27.072	27.868	140.041	68.784	18.465	15.401	24.162	325.000

325

2009 Total CEY

		2A	2B	2C	3A	3B	4A	4B	4CDE	Total
Survey apportionment (CPUE x bottom										
area)	1	0.58	5.41	5.36	26.96	12.77	2.73	2.76	4.95	61.52
Survey apportionment (with hook										
correction)	2	0.64	5.41	5.57	28.01	13.76	2.77	2.31	3.62	62.10

Other Removals

	Area 2A	Area 2B	Area 2C	Area 3A	Area 3B	Area 4A	Area 4B	Area 4CDE	Total
Sport catch	0.457	1.520	3.083	5.629	0.018	0.043	0.000	0.000	10.750
Legal-sized bycatch	0.141	0.067	0.216	1.058	0.485	0.496	0.211	1.552	4.226
Personal use	0.030	0.405	0.525	0.372	0.048	0.015	0.002	0.092	1.489
Legal-sized wastage	0.001	0.023	0.012	0.063	0.004	0.012	0.012	0.014	0.141
Total	0.629	2.015	3.836	7.122	0.555	0.566	0.225	1.658	16.606
Total, excludes sport catch									_
in Areas 2A and 2B and	0.142	0.495	3.836	7.122	0.555	0.566	0.225	1.658	14.599
personal use in 2A									

 Guided
 1.914
 3.603

 Unguided
 1.169
 2.026

 Total
 3.083
 5.629

Other removals, not subtracted from Total CEY

Sublegal-sized bycatch	0.157	0.064	0.128	1.905	0.852	0.814	0.176	2.337	6.432
Sublegal-sized wastage	0.015	0.262	0.212	0.924	0.681	0.133	0.019	0.091	2.337

Catch Limits based on Coastwide Assessment, Sport Adheres to Limits

Reg Area	Exploitable biomass	Harvest Rate	Total CEY	2008 Other Removals	2008 Catch Limit	2009 Fishery CEY	2009 Catch Limit Recommendation	
2A	3.21	20.0%	0.64	0.14	1.22	0.50	0.86	1,4
2B	27.07	20.0%	5.41	0.50	9.00	4.92	6.96	2,4
2C	27.87	20.0%	5.57	2.71	6.21	2.86	4.54	4
3 A	140.04	20.0%	28.01	7.17	24.22	20.84	22.53	4
3B	68.78	20.0%	13.76	0.56	10.90	13.20	11.67	3
4A	18.47	15.0%	2.77	0.57	3.10	2.20	2.65	4
4B	15.40	15.0%	2.31	0.23	1.86	2.09	1.94	3
4CDE	24.16	15.0%	3.62	1.66	3.89	1.97	2.93	4
Total	325.00	19.1%	62.10	13.52	60.40	48.58	54.08	_

Note: Exploitable biomass is coastwide assessment, survey partitioning; amended 2C sport

2009 Fishery CEY and 2008 Catch Limit

Assumes GHL of 0.788 Mlb in Area 2C, 3.65 Mlb in Area 3A under Other Removals; reduced GHL in Area 2C, based on NMFS-regulated GHL reduction associated with reduced Total CEY.

Other removals for 2C and 3A are adding projected unguided harvest to the applicable GHL

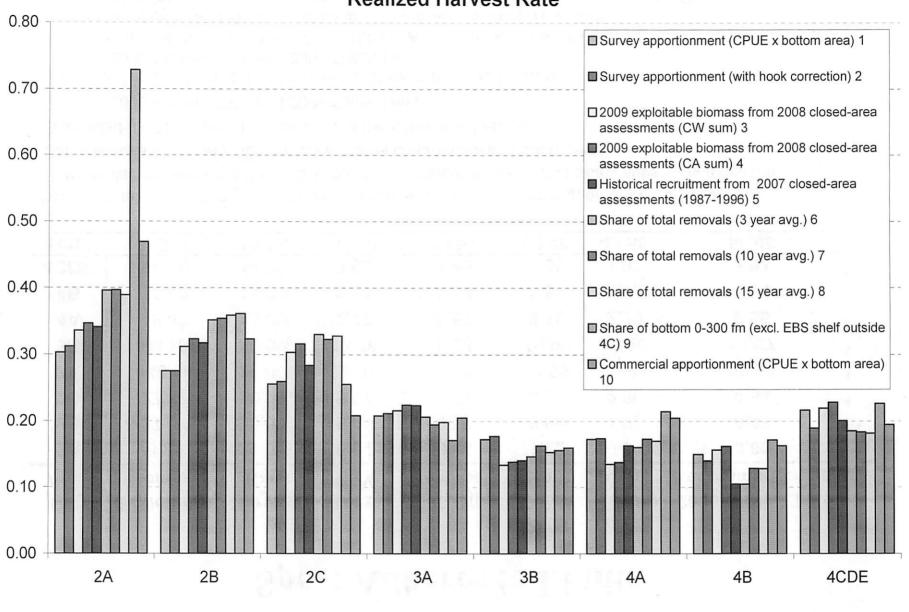
¹ Catch limits and Fishery CEY for 2A includes commercial, sport, and treaty subsistence catches

² Catch limits and Fishery CEY for 2B includes commercial and sport catch

³ Calculated as 2008 catch limit plus 1/3 of the difference between

⁴ Calculated as 2008 Catch Limit minus 1/2 of the difference between 2009 Fishery CEY and 2008 Catch Limit

Realized Harvest Rate



2009 Adopted Limits

	Millions of Pounds								
Reg	Staff	Conf Bd	Processor	IPHC					
Area	Recomm	Recomm	Recomm	Adopted					
2A ¹	0.860	1.098	0.950	0.950					
$2B^1$	6.960	8.100	7.630	7.630					
$2C^2$	4.540	4.540	5.020	5.020					
$3A^2$	22.530	22.530	22.740	21.700					
3B	11.670	10.900	11.230	10.900					
4A	2.650	2.650	2.780	2.550					
4B	1.940	1.940	2.030	1.870					
$4CD^4$	2.930	3.590	3.680	3.460					
Total	54.080	55.348	56.060	54.080					

¹ Includes sport, tribal (in Area 2A only) and commercial fisheries.

² Presumes adherence to charter GHL limits.

³ Combined catch limit for 4C, 4D, 4E. NPFMC Catch Sharing Plan allocates Areas 4C and 4D 1.769 Mlb each and Area 4E is 0.352 Mlb.

Regulatory Changes

IPHC Staff Proposals

Sport fish regulations for Alaska: The regulations state that no person shall possess on board a fishing vessel, including charter vessels and pleasure craft used for fishing, halibut that has been filleted, mutilated, or otherwise disfigured in any manner except that each halibut may be cut into no more than 2 ventral, 2 dorsal pieces, and 2 cheeks, with skin on. The definition of fishing vessel is broad; therefore, the definition will be simply vessel and include exceptions of vessels without fishing gear to allow those vessels to have processed halibut onboard. In 2009, we will provide a handout on the halibut sport fishing regulations to Alaska sport fishers receiving licenses.

Regulatory Changes

IPHC Staff Proposals

Fishing Multiple Areas: Last year, regulations were approved by the Commission that allowed fishing in multiple Regulatory Areas 4A, 4B, 4C, or 4D provided a certified observer was on board; or a Vessel Monitoring System was used and the vessel did not possess at any time on board more halibut than IFQ allowed for the area currently fished. Regulation will be clarified to limit the IFQ stipulation only in the case of VMS coverage, not observer presence.

Regulatory Changes

IPHC Staff Proposals

• Restricted fishing prior to commercial directed opening in Area 2A: The Area 2A regulation that restricts setline gear use 72 hours prior to the fishery will be changed to add a restriction to vessels and skippers fishing before the 72 hours that requires either an offload of catch on board or a hold inspection prior to taking part in the directed commercial opening. In addition, the restriction is for all vessels not only setline vessels.

Management Regulations

Fishing periods and catch sharing

- Quota share fisheries: March 21- November 15
- Area 2A commercial and treaty Indian fisheries will fall within adopted season.
- In 2A, a series of 10-h periods starting June 24 for the directed fishery.
- Endorse Management Councils' catch sharing plans for Areas 2A and 4CDE.

Regulatory Proposals referred to NPFMC

Industry Proposals

- Allow retention of Area 4A IFQ halibut during Bering Sea sablefish pot fishery. The IPHC requests that this proposal be considered by the Council's IFQ implementation committee.
- Develop harvest tag and/or fish ticket for data collection in AK recreational fisheries. The IPHC supports timely and accurate data collection and requests the Council's views on the feasibility of this proposal. A similar proposal has also been submitted to the Council.

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INTERNATIONAL PACIFIC HALIBUT COMMISSION

ESTABLISHED BY A CONVENTION BETWEEN CANADA

AND THE UNITED STATES OF AMERICA

DIRECTOR BRUCE M. LEAMAN

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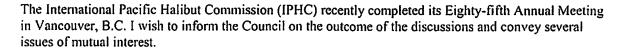
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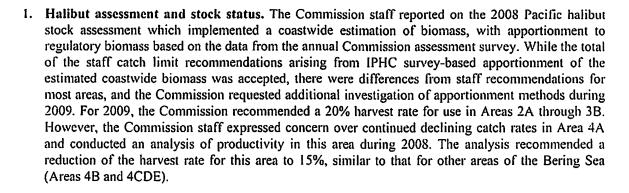
January 23, 2009

Mr. Eric Olsen, Chair North Pacific Fishery Management Council 605 West 4th Avenue, Suite 306 Anchorage, AK 99501-2252

Re: February 2009 Agenda Item B-7

Dear Eric:





- 2. Commercial fishery catch limits. The Commission is recommending to the governments of Canada and the United States catch limits for 2009 totaling 54,080,000 pounds, a 10.4% decrease from the 2008 catch limit of 60,400,000 pounds. Catch limits adopted for 2009 were lower for most regulatory areas except Area 3B where the Commission, with advice from its advisory bodies, recommends a catch limit the same as that in 2008. The Area 4B recommended catch limit increased slightly for 2009. Decreased catch limits reflect stock biomass declines as the exceptionally strong 1987 and 1988 year classes pass out of the fishery. Recruitment from the 1999 and 2000 year classes is estimated to be above average but is several years away from making major contributions to the exploitable biomass of the stock.
- 3. Season dates. After reviewing staff information and proposals from the harvesting and processing sector, the Commission approved a season opening date of March 21 for the U.S. and Canadian Individual Quota fisheries, and Treaty tribal fisheries in Area 2A. The Saturday opening date is to facilitate marketing. Therefore, seasons will commence at 12 noon local time on March 21 and terminate at 12 noon local time on November 15, 2009 for

the following fisheries and areas: the Canadian Individual Vessel Quota (IVQ) fishery in Area 2B, and the United States IFQ and CDQ fisheries in Areas 2C, 3A, 3B, 4A, 4B, 4C, 4D, and 4E.

- 4. General sport fishery issues. The catch in sport fisheries and enforcement of sport fishing regulations, particularly for charter vessels, were discussed at length. The Conference Board supported in concept the development of a harvest tag or ticket for data collection in all recreational halibut fisheries in Alaska and for accurate and timely accounting. The Commission would appreciate receiving the Council's views on this proposal. In 2009, the Commission and agency staff will work with sport representatives to review IPHC Alaska sport regulations and determine if changes are necessary. The Commission staff will also work with ADF&G and NMFS staffs to provide clearer documentation of the Alaska sport regulations.
- 5. NMFS 1-fish bag limit for Area 2C guided fishery. The Commission also considered the proposed NMFS one-fish bag limit for charter fisheries in Area 2C for 2009. The Commission expressed its desire to see implementation of effective management measures for this fishery, in consideration of the Guideline Harvest Level of 788,000 lb defined for this fishery. The Commission will therefore monitor the implementation of the NMFS proposed rule. In the event of conservation concerns, the Commission will be prepared to take extraordinary action at an intercessional meeting in 2009 to pass IPHC regulations commensurate with the intent to conserve the resource, should there be any delay or problem with the implementation schedule for the NMFS regulation.
- 6. Proposal for retention by pot gear in Area 4. An industry proposal to allow the retention of legal-sized Area 4A IFQ halibut during the Bering Sea sablefish pot fishery was discussed. Although the Commission determines the legal gear for the halibut fishery, the Conference Board requested that the NPMFC IFQ Implementation Team discuss this issue. Accordingly, the Commission requests that the Council have its Implementation Team review this proposal. Specifically, the Commission is interested in knowing if this would address the problems faced by fishers in that area and whether the Implementation Team has concerns about the broader use of pots for halibut fishing.

Gregg Williams and I will be attending the Council's February meeting in Seattle and would be happy to review these issues or any others at that time.

Sincerely yours,

Bruce M. Leaman Executive Director

Encl. - Area 4A pot retention proposal, Harvest ticket proposal

cc: Commissioners

News Release

P.O. Box 95009, SEATTLE, WASHINGTON 98145-2009

January 20, 2009

HALIBUT COMMISSION COMPLETES 2009 ANNUAL MEETING

The International Pacific Halibut Commission (IPHC) completed its Eighty-fifth Annual Meeting in Vancouver, B.C., with Dr. Laura J. Richards of Nanaimo, B.C. presiding as Chair. The Commission is recommending to the governments of Canada and the United States catch limits for 2009 totaling 54,080,000 pounds, a 10.4% decrease from the 2008 catch limit of 60,400,000 pounds.

The Commission staff reported on the 2008 Pacific halibut stock assessment which implemented a coastwide estimation of biomass, with apportionment to regulatory biomass based on the data from the annual Commission assessment survey. While the total of the staff catch limit recommendations arising from IPHC survey-based apportionment of the estimated coastwide biomass was accepted, there were differences from staff recommendations for most areas, and the Commission requested additional investigation of apportionment methods during 2009.

For 2009, the Commission recommended a 20% harvest rate for use in Areas 2A through 3B. However, the Commission staff expressed concern over continued declining catch rates in Area 4A and conducted an analysis of productivity in this area during 2008. The analysis recommended a reduction of the harvest rate for this area to 15%, similar to that for other areas of the Bering Sea (Areas 4B and 4CDE). Catch limits adopted for 2009 were lower for most regulatory areas except Area 3B where the Commission, with advice from its advisory bodies, recommends a catch limit the same as that in 2008. The Area 4B recommended catch limit increased slightly for 2009. Decreased catch limits reflect stock biomass declines as the exceptionally strong 1987 and 1988 year classes pass out of the fishery. Recruitment from the 1999 and 2000 year classes is estimated to be above average but is several years away from making major contributions to the exploitable biomass of the stock.

Seasons and Catch Limits

The Commission received regulatory proposals for 2009 from the scientific staff, Canadian and United States harvesters and processors, and other fishery agencies. The Commission will recommend to the governments the following catch limits for 2009 in Area 2A (California, Oregon, and Washington), Area 2B (British Columbia), Area 2C (southeastern Alaska), Area 3A (central Gulf), Area 3B (western Gulf), Area 4A (eastern Aleutians), Area 4B (western Aleutians), Area 4C (Pribilof Islands), Area 4D (northwestern Bering Sea), and Area 4E (Bering Sea flats):

2009 Catch Limits

	Catch Limit
Regulatory Area	(pounds)
Area 2A	
Non-treaty directed commercial (south of Pt. Chehalis)	166,385
Non-treaty incidental catch in salmon troll fishery	29,362
Non-treaty incidental catch in sablefish longline fishery (north of Pt. Chehalis)	11,895
Treaty Indian commercial	303,500
Treaty Indian ceremonial and subsistence (year-round)	29,000
Sport - North of Columbia River	214,110
Sport - South of Columbia River	<u> 195,748</u>
Area 2A total	950,000
Area 2B (includes sport catch allocation)	7,630,000
Area 2C	5,020,000
Area 3A	21,700,000
Area 3B	10,900,000
Area 4A	2,550,000
Area 4B	1,870,000
Area 4C	1,569,000
Area 4D	1,569,000
Area 4E	322,000
Area 4 total	7,880,000
Total	54,080,000

The Department of Fisheries and Oceans, Canada (DFO) will allocate the Area 2B catch limit between sport and commercial fisheries.

The IPHC sets biologically-based catch limits for Areas 4A, 4B, and a combined Area 4CDE. The catch limits for Regulatory Areas 4C, 4D, and 4E reflect the catch-sharing plan implemented by the North Pacific Fishery Management Council (NPFMC). The catch-sharing plan allows Area 4D Community Development Quota (CDQ) harvest to be taken in Area 4E and Area 4C Individual Fishing Quota (IFQ) and CDQ to be fished in Area 4D.

The catch-sharing plan implemented by the Pacific Fishery Management Council (PFMC) for Area 2A was adopted by the Commission and is reflected in the catch limits adopted for the Area 2A fisheries. The Commission surveyed the Area 2A directed commercial/incidental halibut fishery license holders for their preferred starting date for the directed commercial fishery. There was a range of views on starting dates with most harvesters supporting opening during June and largest proportion favored June 24. In Area 2A, seven 10-hour fishing periods for the non-treaty directed commercial fishery are recommended: June 24, July 8, July 22, August 5, August 19, September 2, September 16, September

30, 2009. All fishing periods will begin at 8:00 a.m. and end at 6:00 p.m. local time, and will be further restricted by fishing period limits announced at a later date.

Area 2A fishing dates for an incidental commercial halibut fishery concurrent with salmon troll fishing seasons, and the incidental commercial halibut fishery during the sablefish fishery north of Point Chehalis, will be established under United States domestic regulations by the National Marine Fisheries Service (NMFS). The remainder of the Area 2A catch-sharing plan, including sport fishing seasons and depth restrictions, will be determined under regulations promulgated by NMFS. For further information of the depth restrictions in the commercial directed halibut fishery, incidental halibut during the sablefish fishery, and the sport fisheries, call the NMFS hotline (1-800-662-9825).

After reviewing staff information and proposals from the harvesting and processing sector, the Commission approved a season opening date of March 21 for the U.S. and Canadian Individual Quota fisheries, and Treaty tribal fisheries in Area 2A. The Saturday opening date is to facilitate marketing. Therefore, seasons will commence at 12 noon local time on March 21 and terminate at 12 noon local time on November 15, 2009 for the following fisheries and areas: the Canadian Individual Vessel Quota (IVQ) fishery in Area 2B, and the United States IFQ and CDQ fisheries in Areas 2C, 3A, 3B, 4A, 4B, 4C, 4D, and 4E. All Area 2A commercial fishing including the treaty Indian commercial fishery will fall within March 21 – November 15, 2009.

Regulatory Changes and Issues

For Alaska, the Commission revised the sport regulation that had stated no person shall possess on board a *fishing vessel*, including charter vessels and pleasure craft, halibut that has been filleted, mutilated, or otherwise disfigured in any manner except that each halibut may be cut into no more than two ventral and two dorsal pieces and two cheeks, all with skin on. The revision changes the reference from *fishing vessel* to *vessel*, and adds an exemption so that halibut in excess of the possession limit may be possessed on the vessel for transportation of halibut, when the vessel is not carrying gear.

The Commission approved a change to the 72-hour restriction prior to the Area 2A directed commercial fishery which would change the restriction to affect all vessels, not just setline vessels, and would require vessels and skippers fishing before the 72-hours immediately prior to the opening to offload their catch or submit to a hold inspection. Without this change, enforcement officers could not tell if fish was caught before or within the 72-hour period.

The Commission approved a regulation that allowed fishing in multiple regulatory areas (4A, 4B, 4C, or 4D), provided a certified observer is on board; or a Vessel Monitoring System is on board and the vessel does not possess at any time on board more halibut than the IFQ allowed for the area currently being fished. In both cases, the halibut needs to be identifiable by regulatory area. This is a regulation that was adopted in 2008 but was not recorded correctly as part of the IPHC regulations in the U.S. Federal Register.

Other Actions

The catch in sport fisheries and enforcement of sport fishing regulations, particularly for charter vessels, were discussed at length. There was support in concept for the development of a harvest tag or ticket for data collection in all recreational halibut fisheries in Alaska and for accurate and timing accounting. The Commission will send letters to the NPFMC and ADF&G acknowledging this support. In 2009, the Commission and agency staff will work with sport representatives to review IPHC Alaska sport regulations and determine if changes are necessary. The Commission staff will also work with ADF&G and NMFS staffs to provide clearer documentation of the Alaska sport regulations.

The Commission also considered the proposed NMFS one-fish bag limit for charter fisheries in Area 2C for 2009. The Commission expressed its desire to see implementation of effective management measures for this fishery, in consideration of the Guideline Harvest Level of 788,000 lb defined for this fishery. The Commission will therefore monitor the implementation of the NMFS proposed rule. In the event of conservation concerns, the Commission will be prepared to take extraordinary action at an intercessional meeting in 2009 to pass IPHC regulations commensurate with the intent to conserve the resource, should there be any delay or problem with the implementation schedule for the NMFS regulation.

An industry proposal to allow the retention of legal-sized Area 4A IFQ halibut during the Bering Seas sablefish pot fishery was discussed. Although the Commission determines the legal gear for the halibut fishery, the Conference Board requested that the NPMFC IFQ Implementation Team discuss this issue. Accordingly, the Commission will send a letter to the NPFMC to have their advisory body review this proposal.

An industry proposal to reduce the commercial size limit for halibut was reviewed but not adopted. The IPHC staff is continuing its investigation of how a reduced size limit would affect assessment, yield, and long-term productivity of the halibut stock and has not endorsed such a change.

The Commission's advisory bodies supported the coastwide assessment model but continued to seek additional discussion on the best method to apportion the coastwide biomass to regulatory areas. The Commissioners directed the staff to conduct additional consultation with industry in the late spring of 2009 to review apportionment procedures and identify preferred methods.

The Commissioners also directed the staff to conduct a workshop in the fall of 2009 to examine the estimation of sublegal-sized bycatch mortality and the methods by which this mortality is incorporated into the stock assessment and harvest policy. The Commission wishes to review these procedures and impacts during its review of the 2009 stock assessment.

The Commission honoured Mr. Joel Thomas of Port Townsend, WA as the seventh recipient of the IPHC Merit Scholarship. Mr. Thomas was unable to attend the meeting due to class requirements but was previously presented with the scholarship of \$2,000 (U.S.). The Commissioners expressed their continued support for the scholarship program and commended the Scholarship Committee for their efforts in assessing the candidates.

The recommended regulations for the 2009 halibut fishery will become official as soon as they are approved by the Canadian and United States Governments. The Commission will publish and distribute regulation pamphlets.

The next Annual Meeting of the Commission is planned for Seattle, WA from January 25-29, 2010. The United States Government Commissioner, Dr. James W. Balsiger of Juneau, AK, was elected Chair. The Canadian Government Commissioner, Dr. Laura J. Richards of Nanaimo, B.C., was elected Vice-Chair for the coming year. Other Canadian Commissioners are Larry Johnson (Parksville, B.C.) and Gary Robinson (Vancouver, B.C.). The other United States Commissioners are Ralph Hoard (Seattle, WA) and Phillip Lestenkof (St. Paul, AK). Dr. Bruce M. Leaman is the Executive Director of the Commission.

- END -

Bruce M. Leaman, Executive Director

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