



# Statewide Scallop Fishery Update

2022 Scallop Plan Team Meeting

February 16<sup>th</sup>, 2022

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# Outline

Management Overview

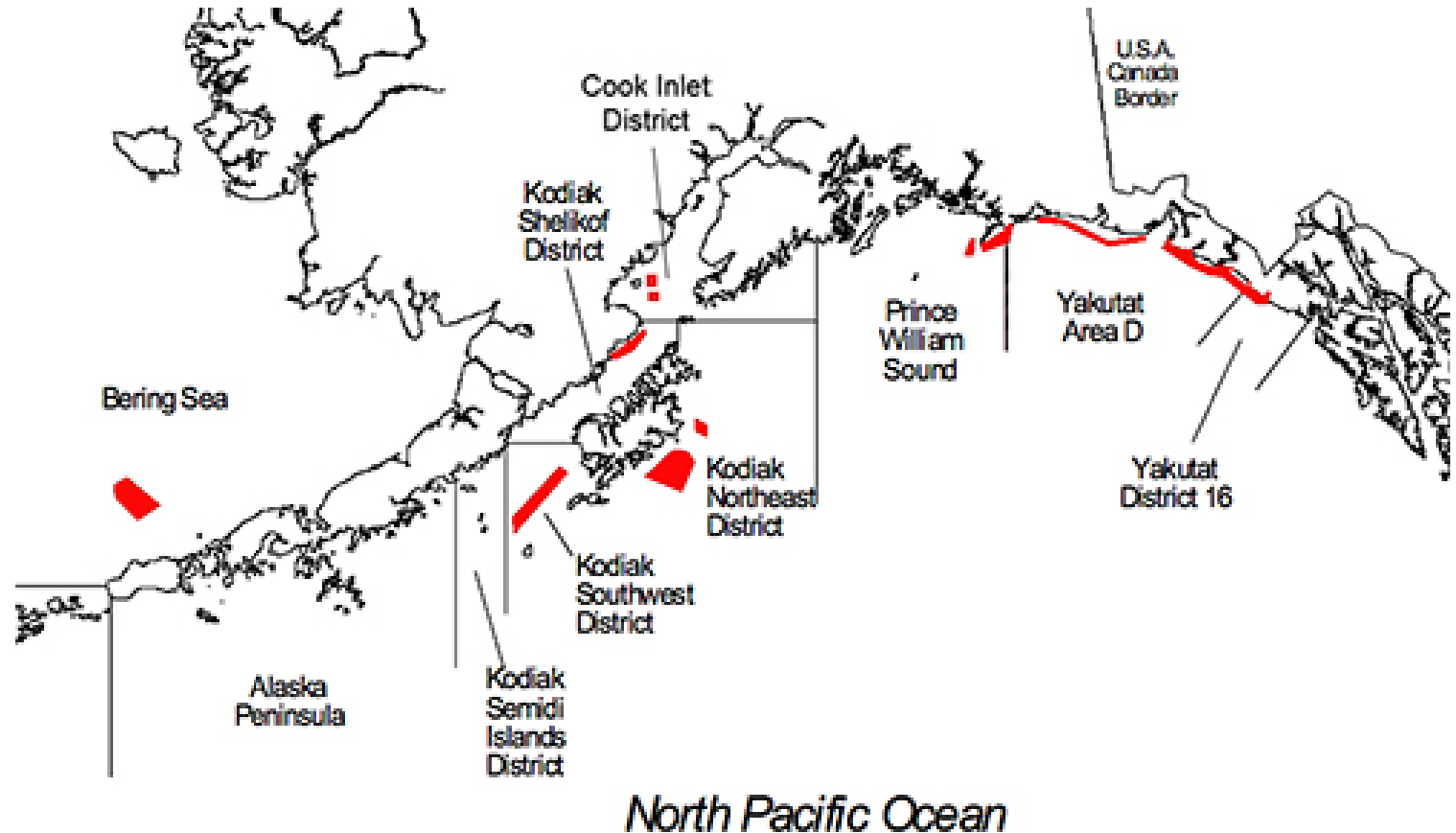
2020–2021 Registration Area Updates

- Westward (Areas K, M, O, and Q)
- Central (Area E)
- Southeast (Area D)

Statewide update

# Management Overview

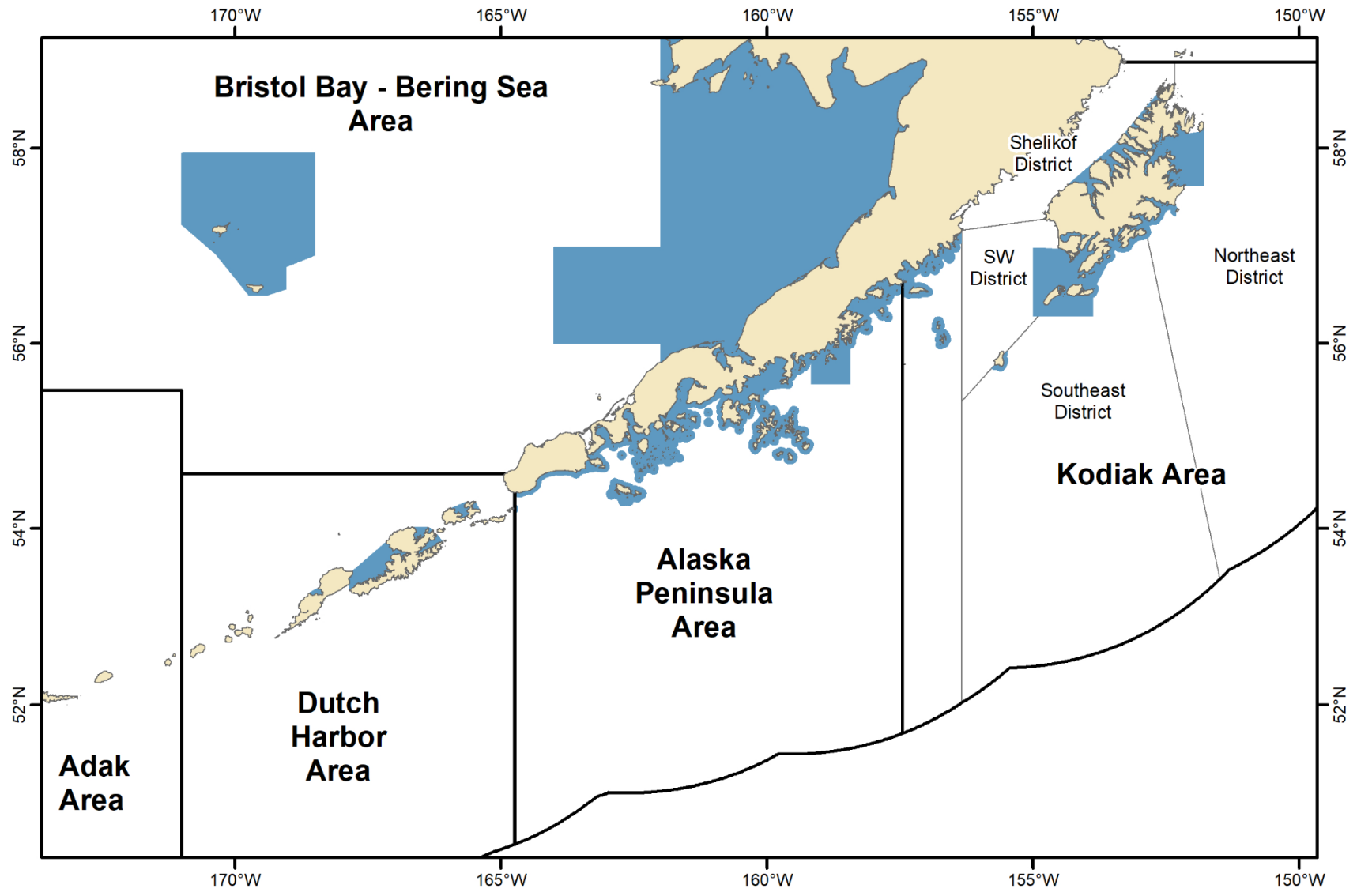
- **Preseason Management**
  - Establish guideline harvest levels (GHLs) and crab bycatch limits (CBLs)
- **Data Informing GHLs**
  - Survey results
  - Fishery CPUE
  - Observer coverage
  - Size and age structure
- **Data Informing CBLs**
  - Historical bycatch rate in fishery
  - Survey estimated crab abundance
- **Inseason Management and Closure Scenarios**
  - Harvest achieves GHL
  - Crab bycatch exceeds CBL
  - Fishery performs below minimum performance standards of CPUE





# Westward Region

Areas K, M, O, and Q



## **Preseason Management**

- Establish guideline harvest levels (GHLs) and crab bycatch limits (CBLs)

## **Data Informing GHLs**

- Survey results
- Fishery CPUE
- Size and age structure

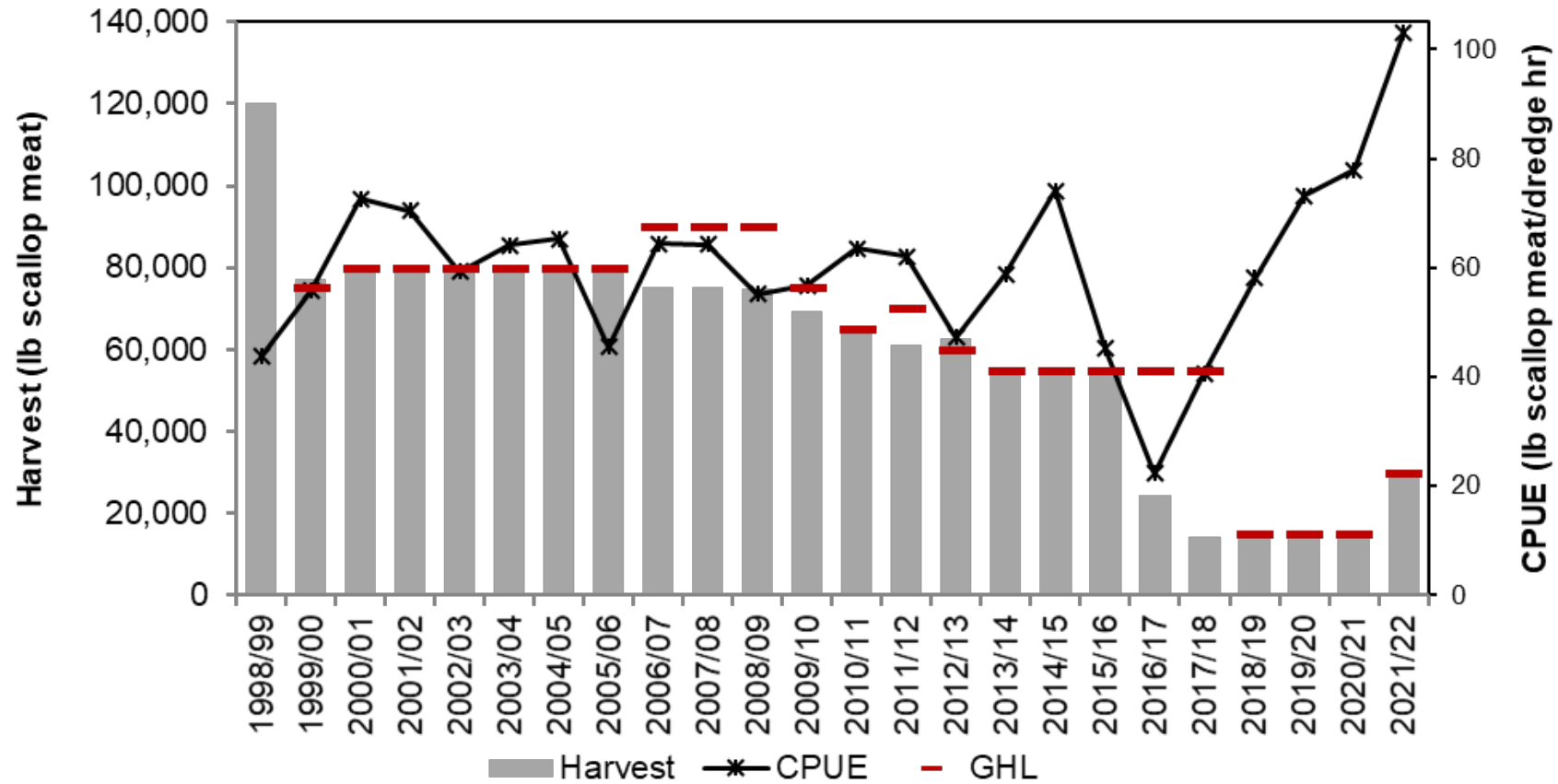
## **Data Informing CBLs**

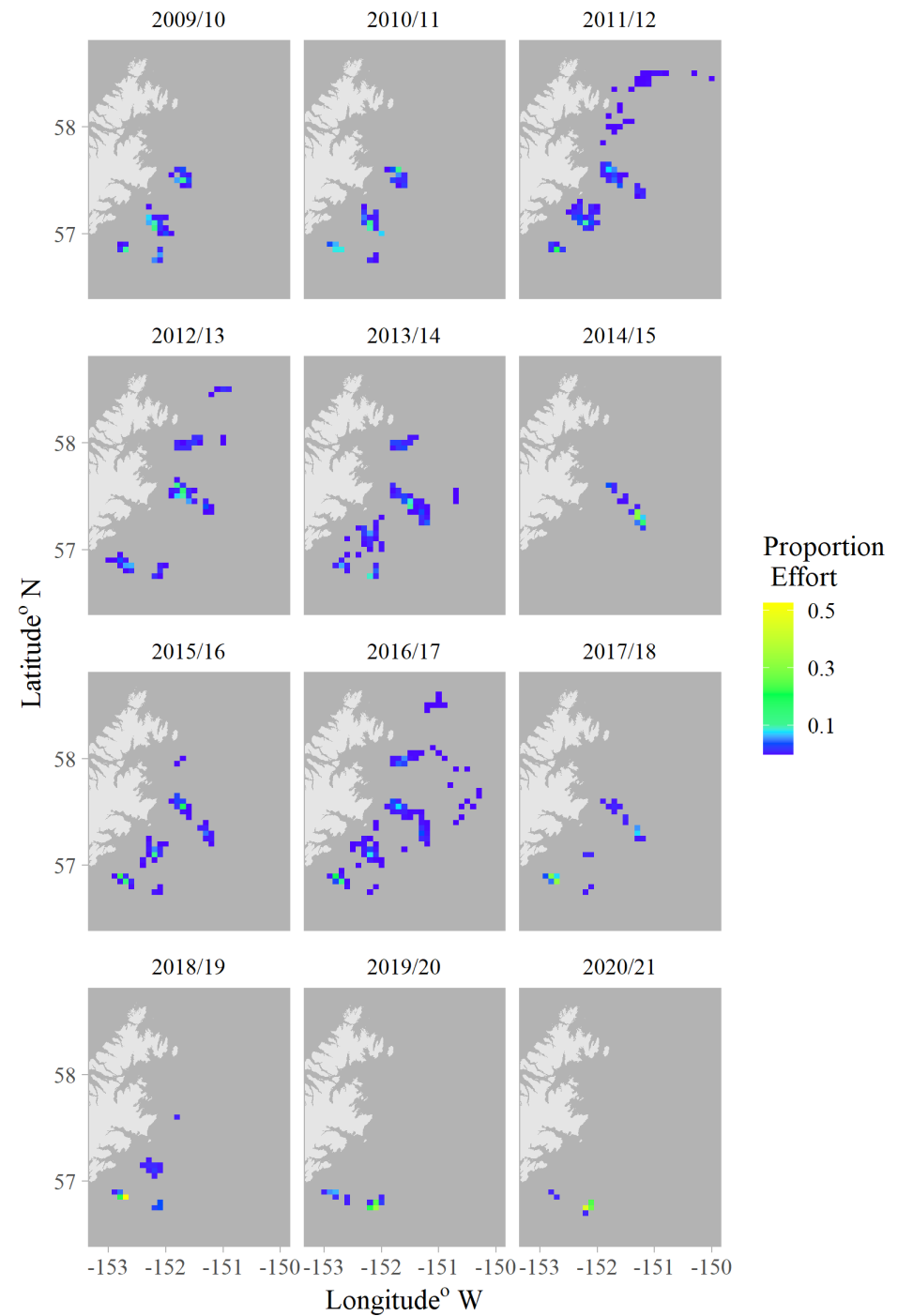
- Historical bycatch rate in fishery
- Survey estimated Tanner crab abundance
- MSST: 3 Tier approach (Bering Sea)

## **Inseason Management and Closure Scenarios**

- Harvest achieves GHL
- Crab bycatch exceeds CBL
- Fishery performs below minimum performance standards of CPUE

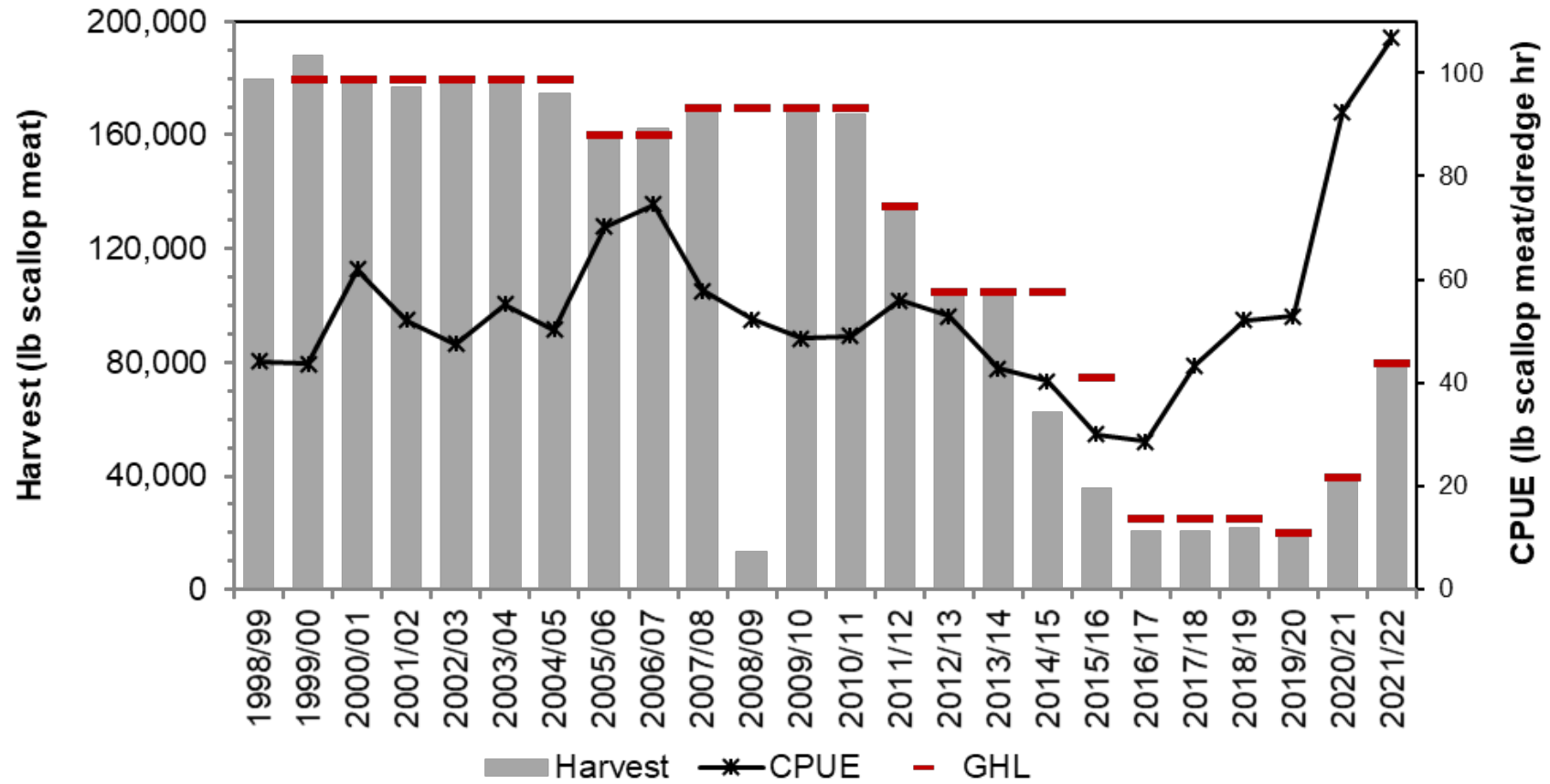
## Kodiak Northeast District

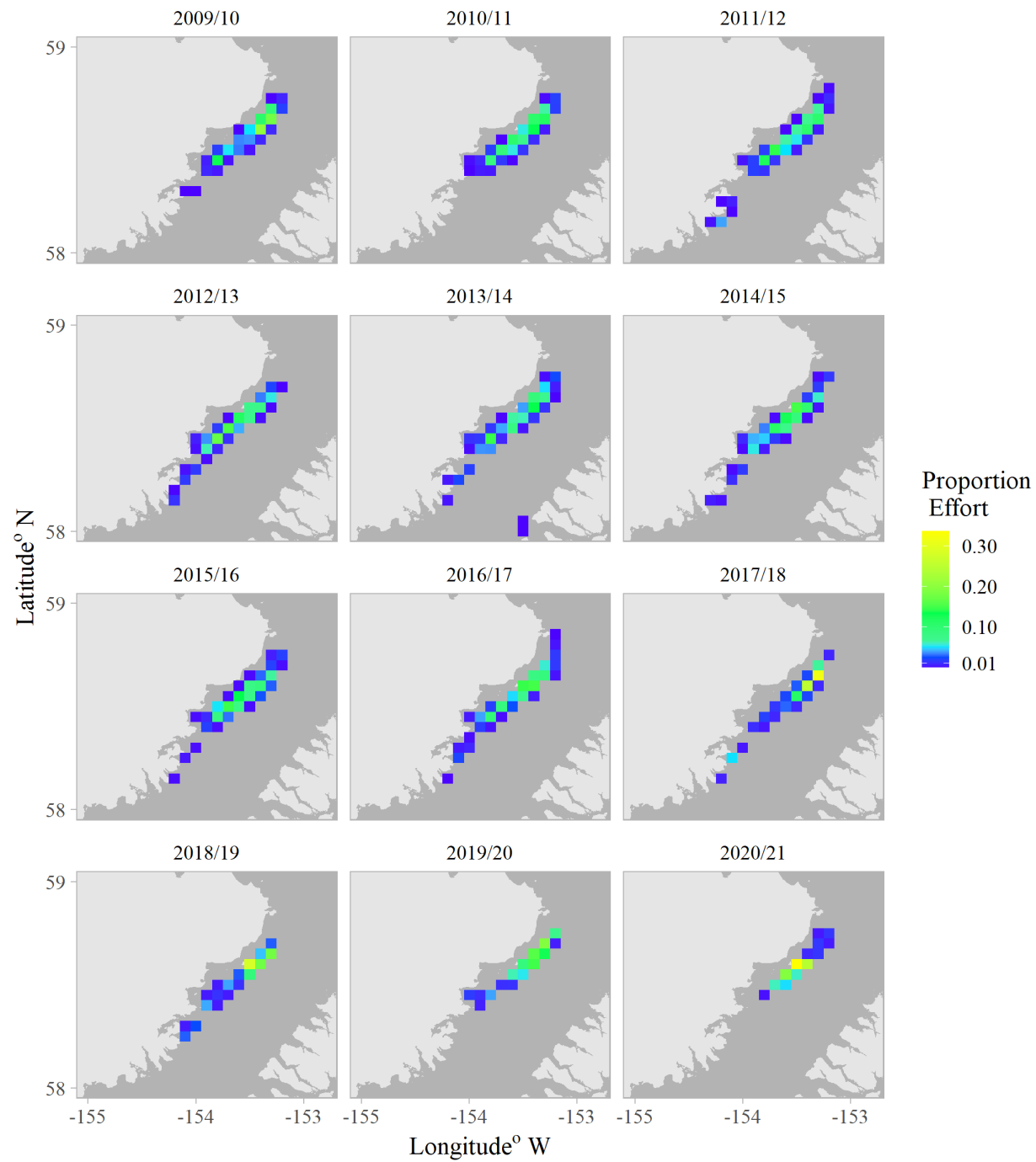




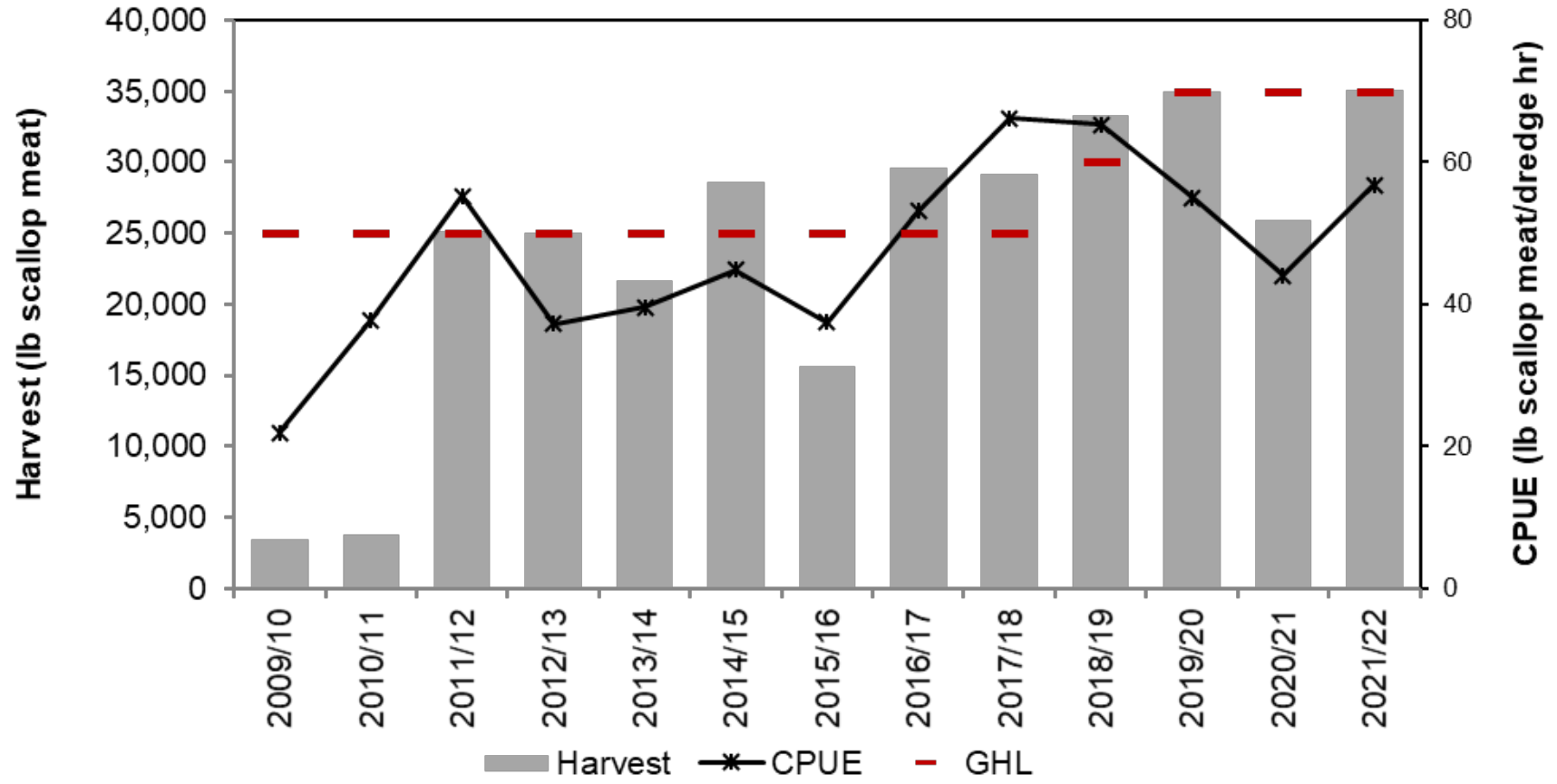


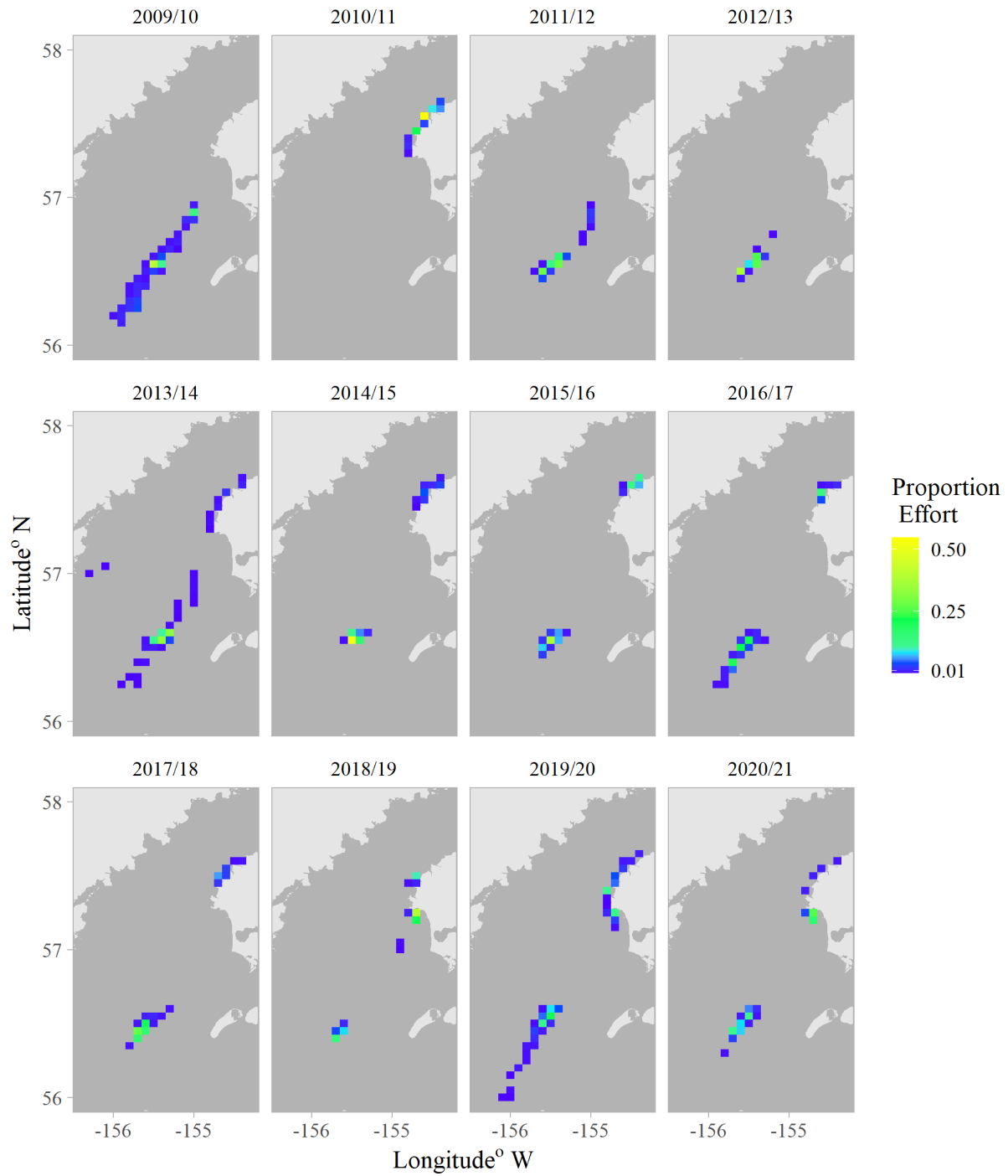
## Kodiak Shelikof District





### Kodiak Southwest District





# Kodiak Southeast District

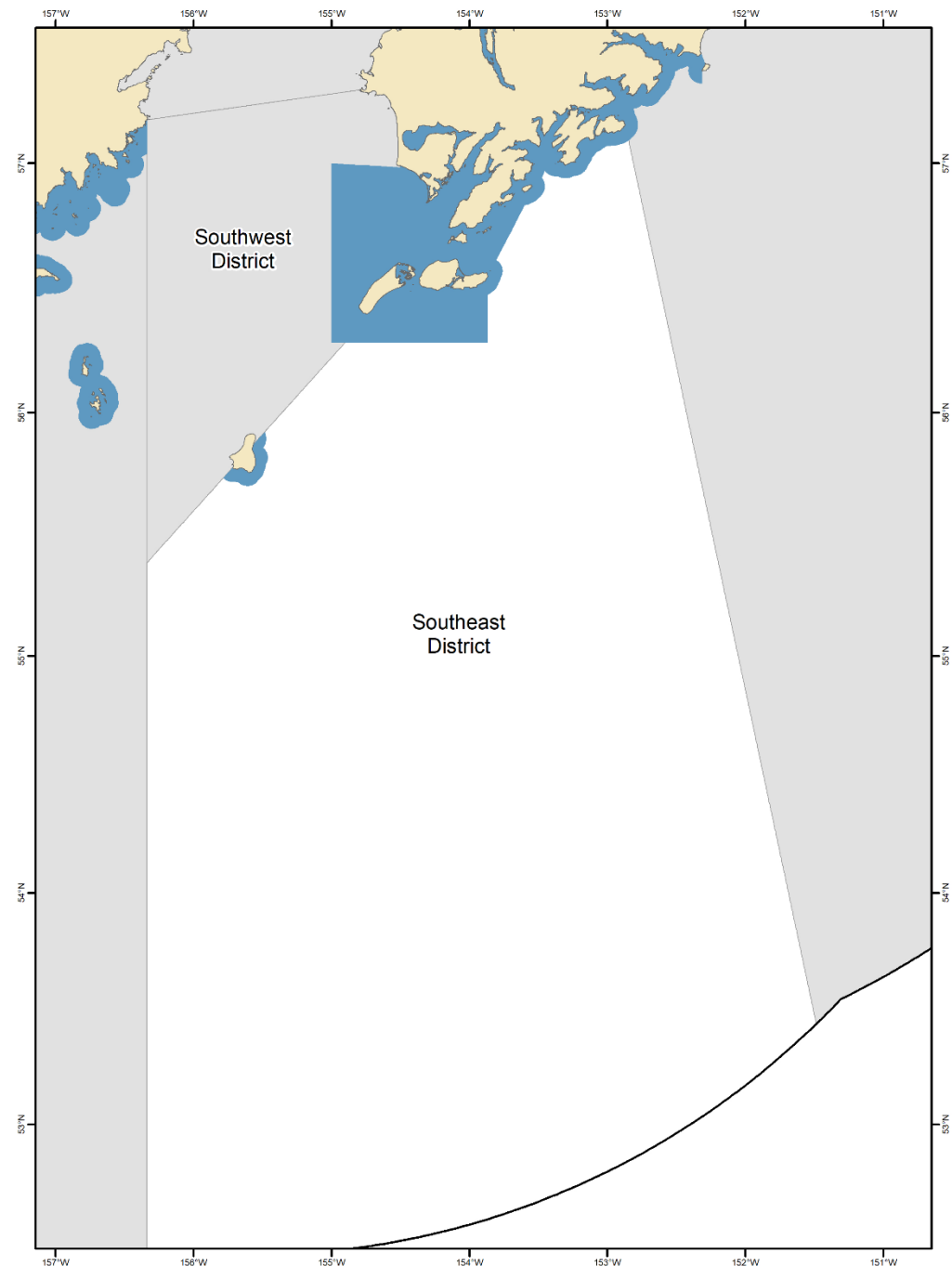
Newly opened in 2018/19  
GHL: 15,000 pounds

## 2018/19

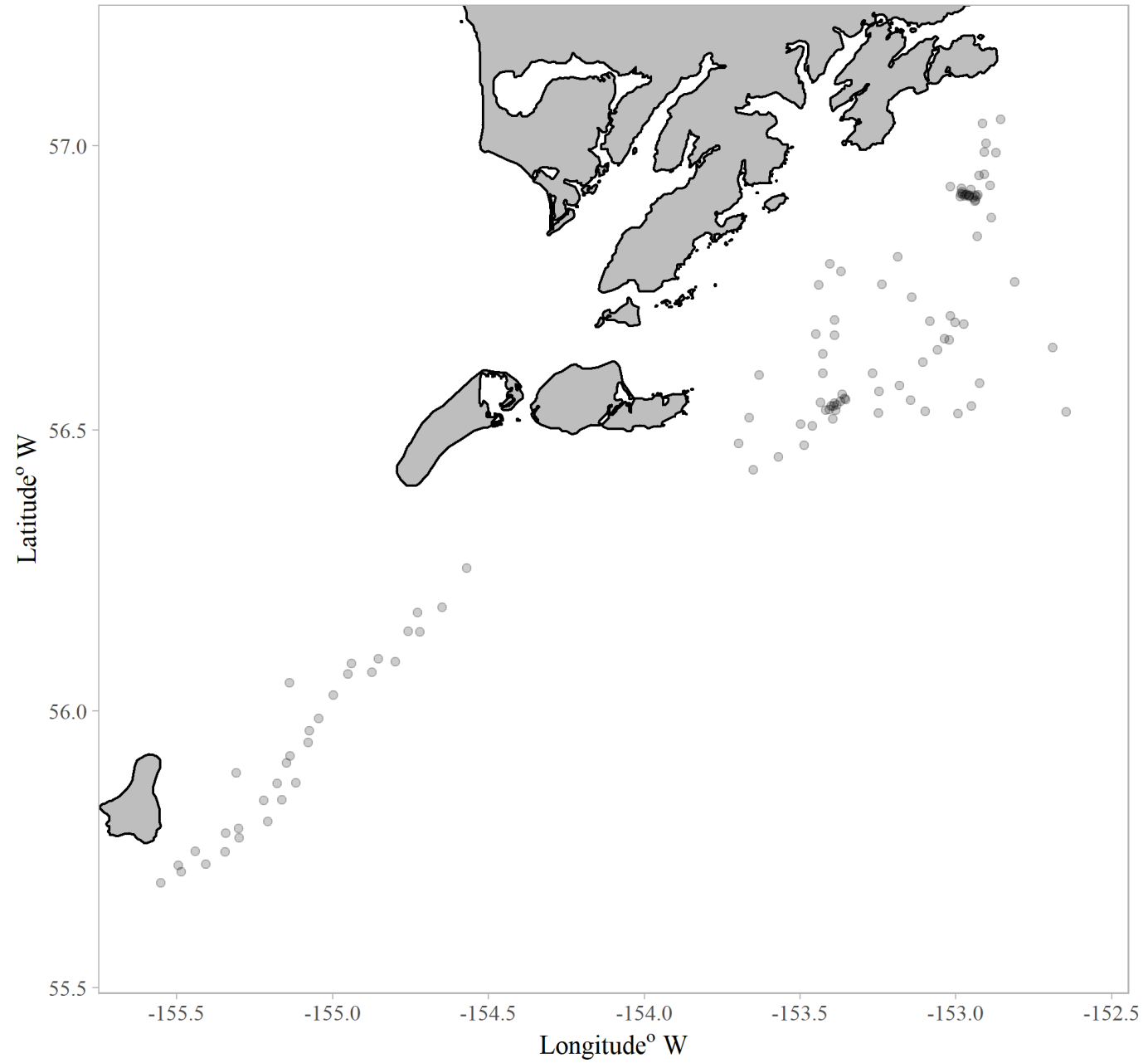
Harvest: 470 pounds  
Effort: 60  
CPUE: 8

## No effort

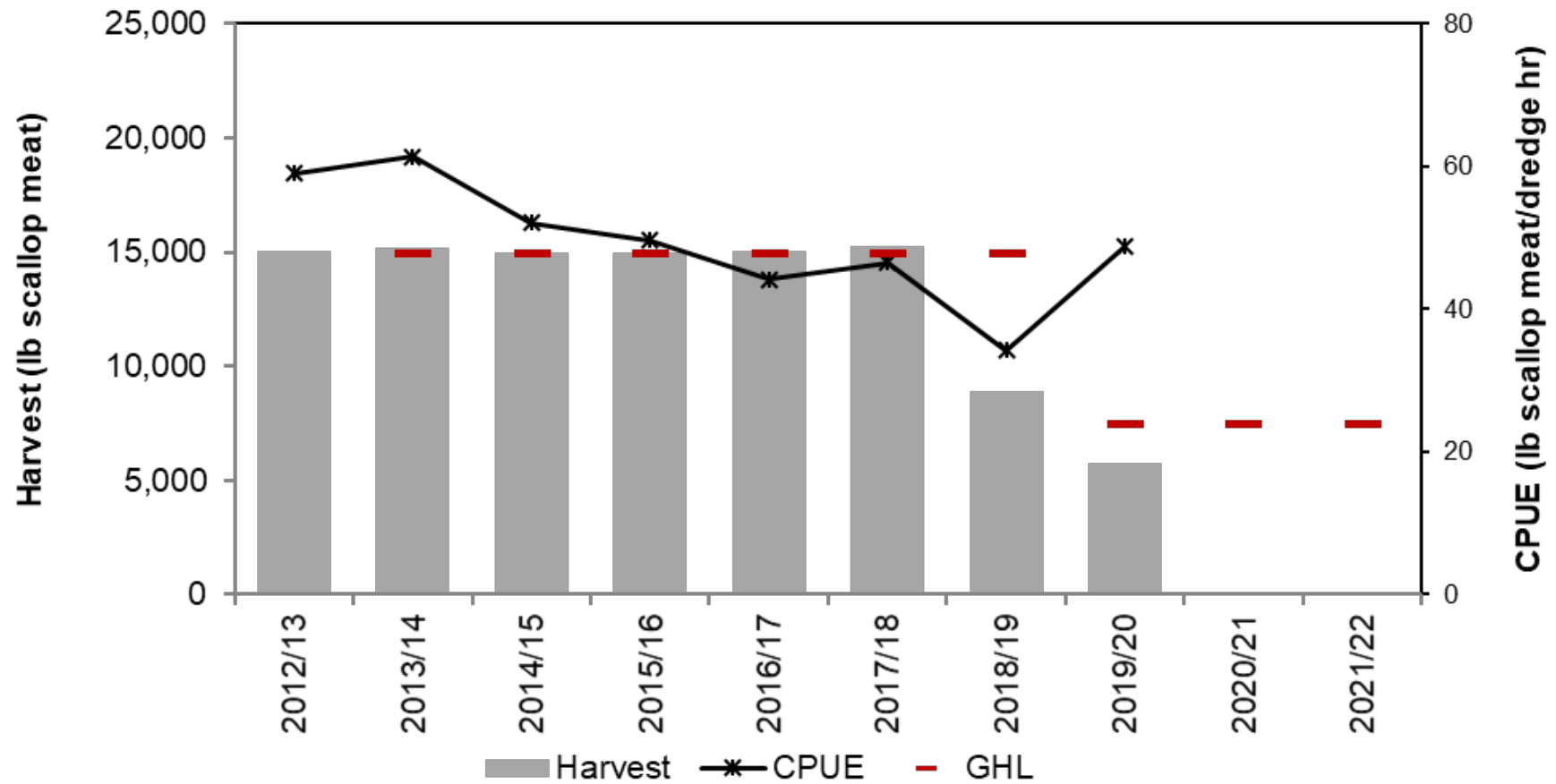
2019/20  
2020/21  
2021/22

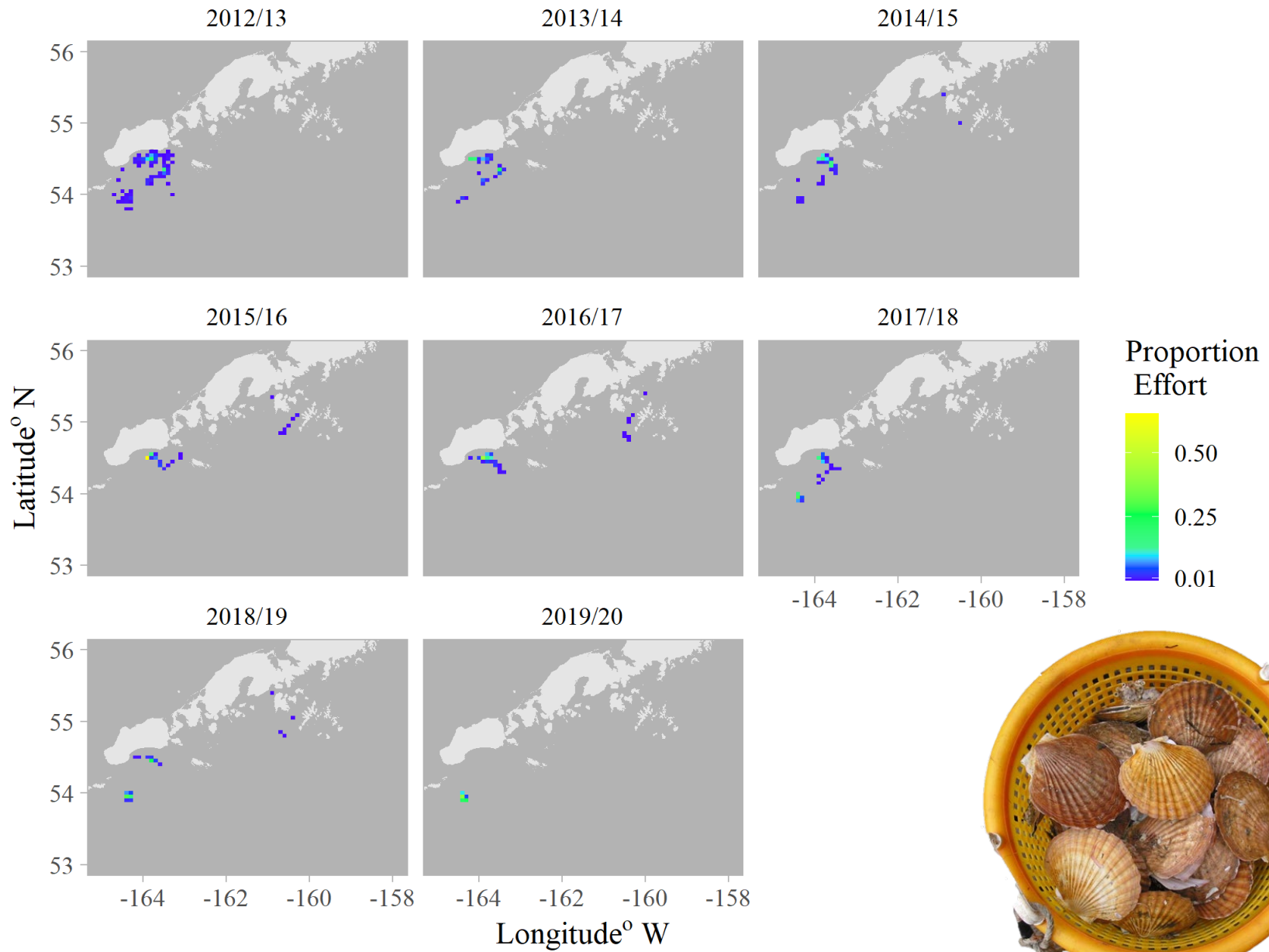


2018/19



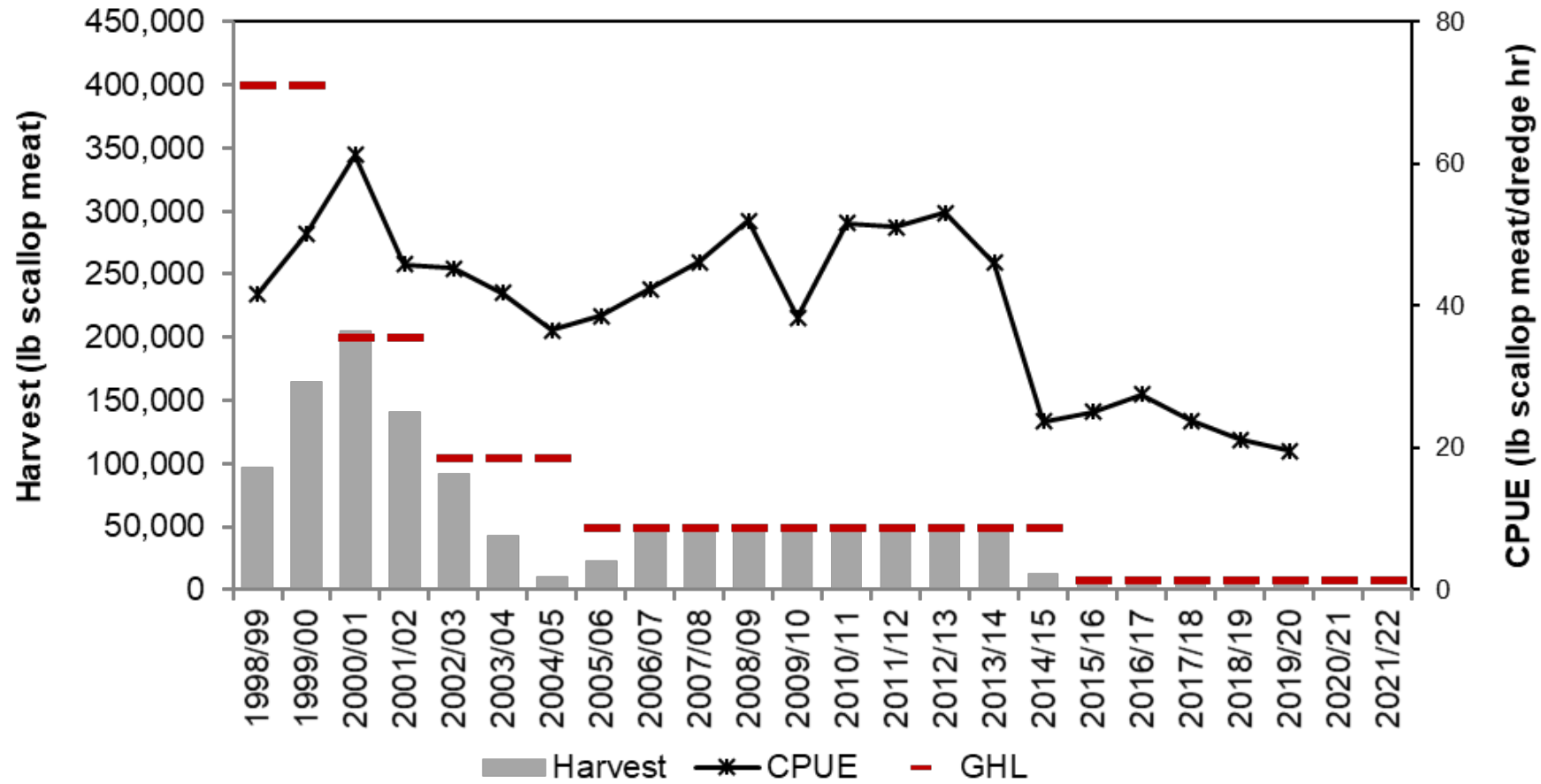
### Alaska Peninsula Area

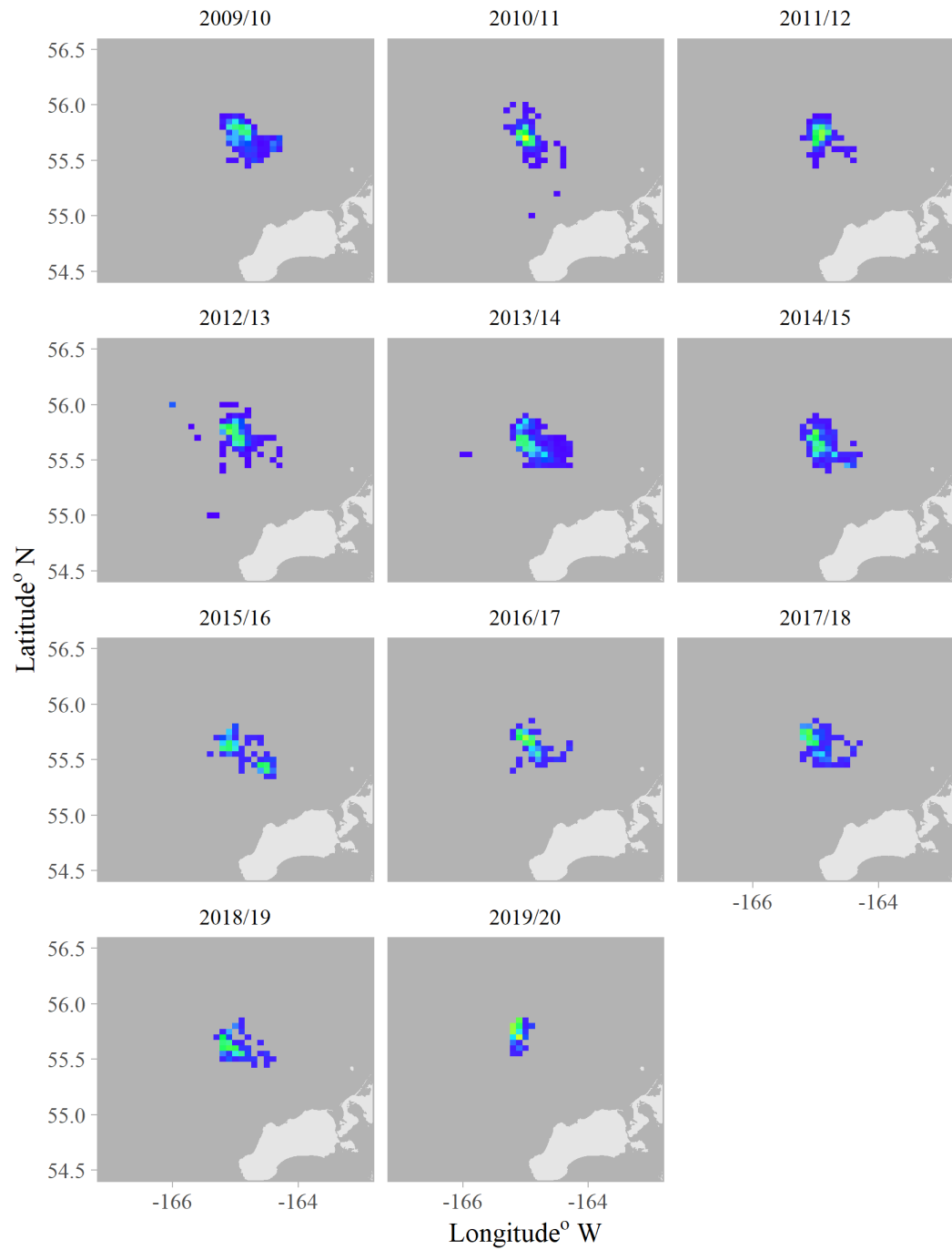




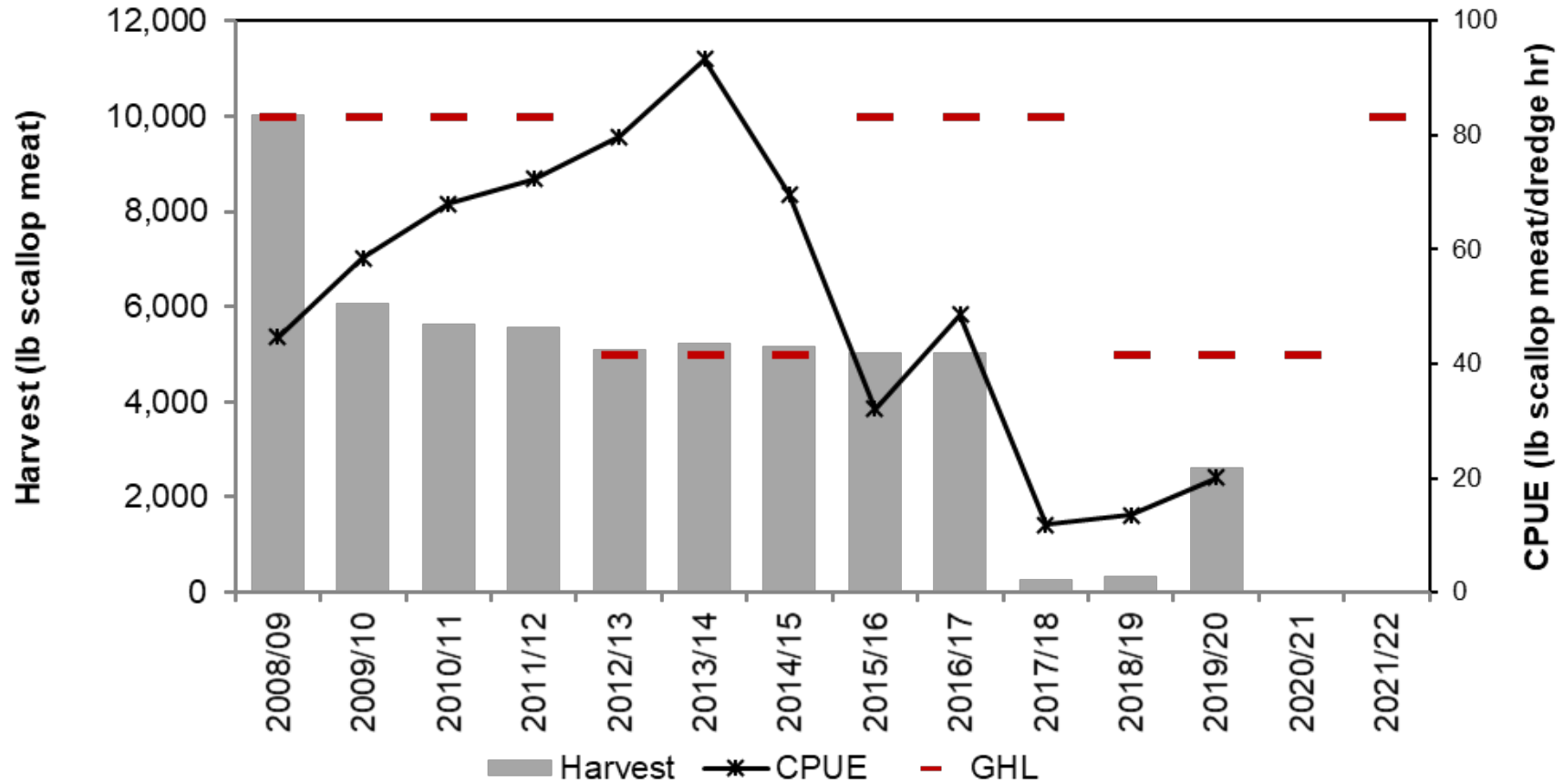


# Bering Sea Area

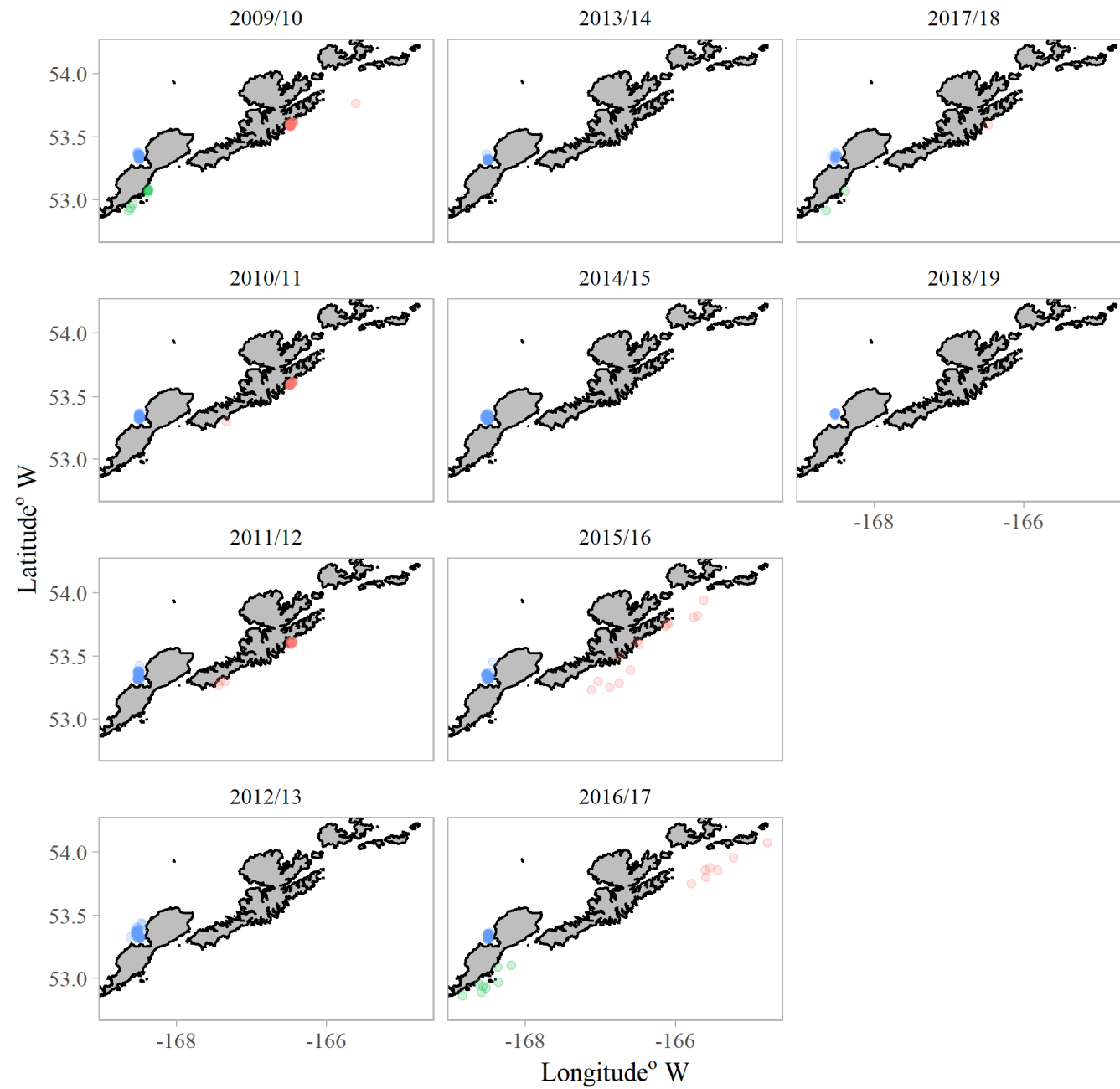




### Dutch Harbor Area



Bed 1 2 4

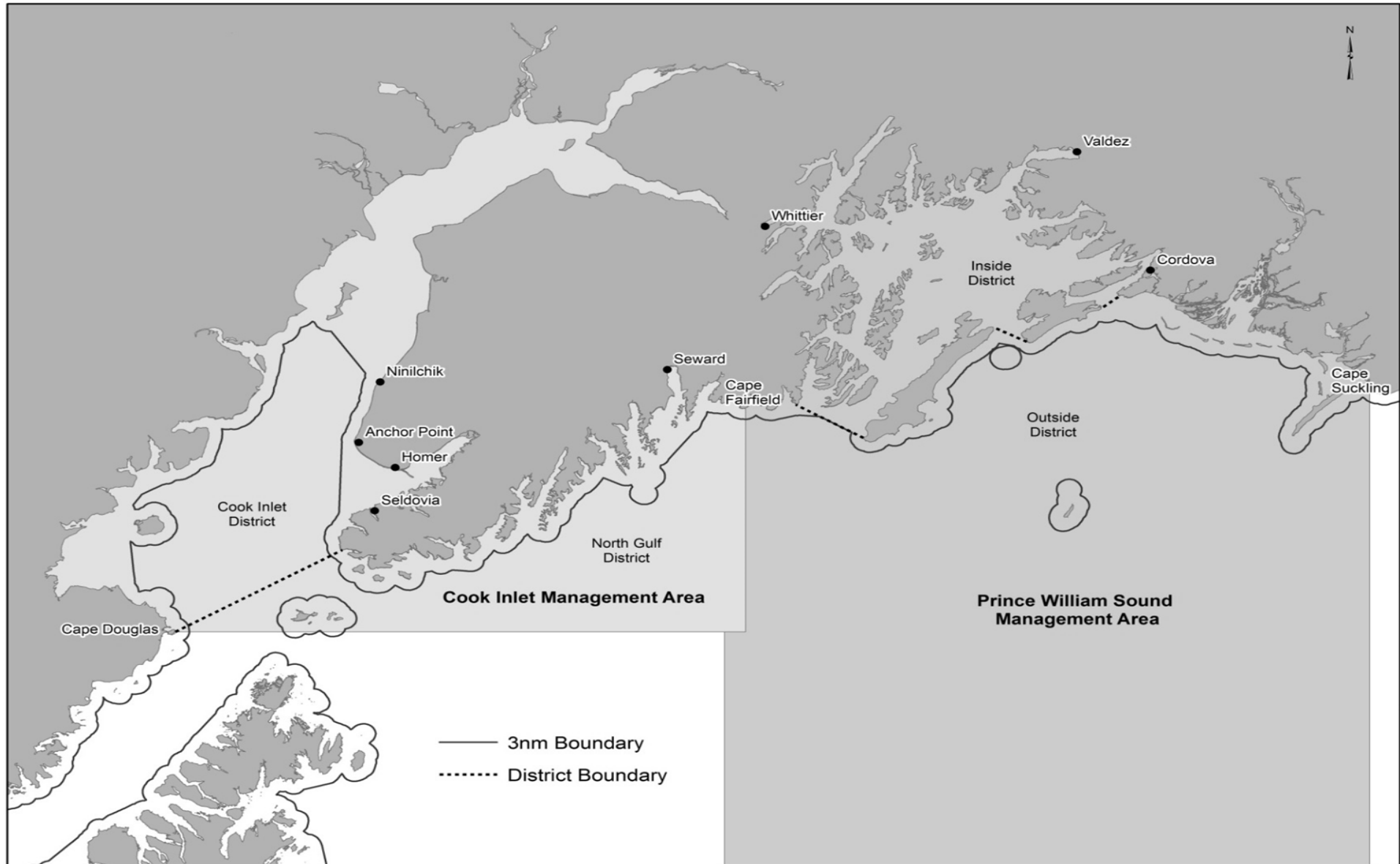




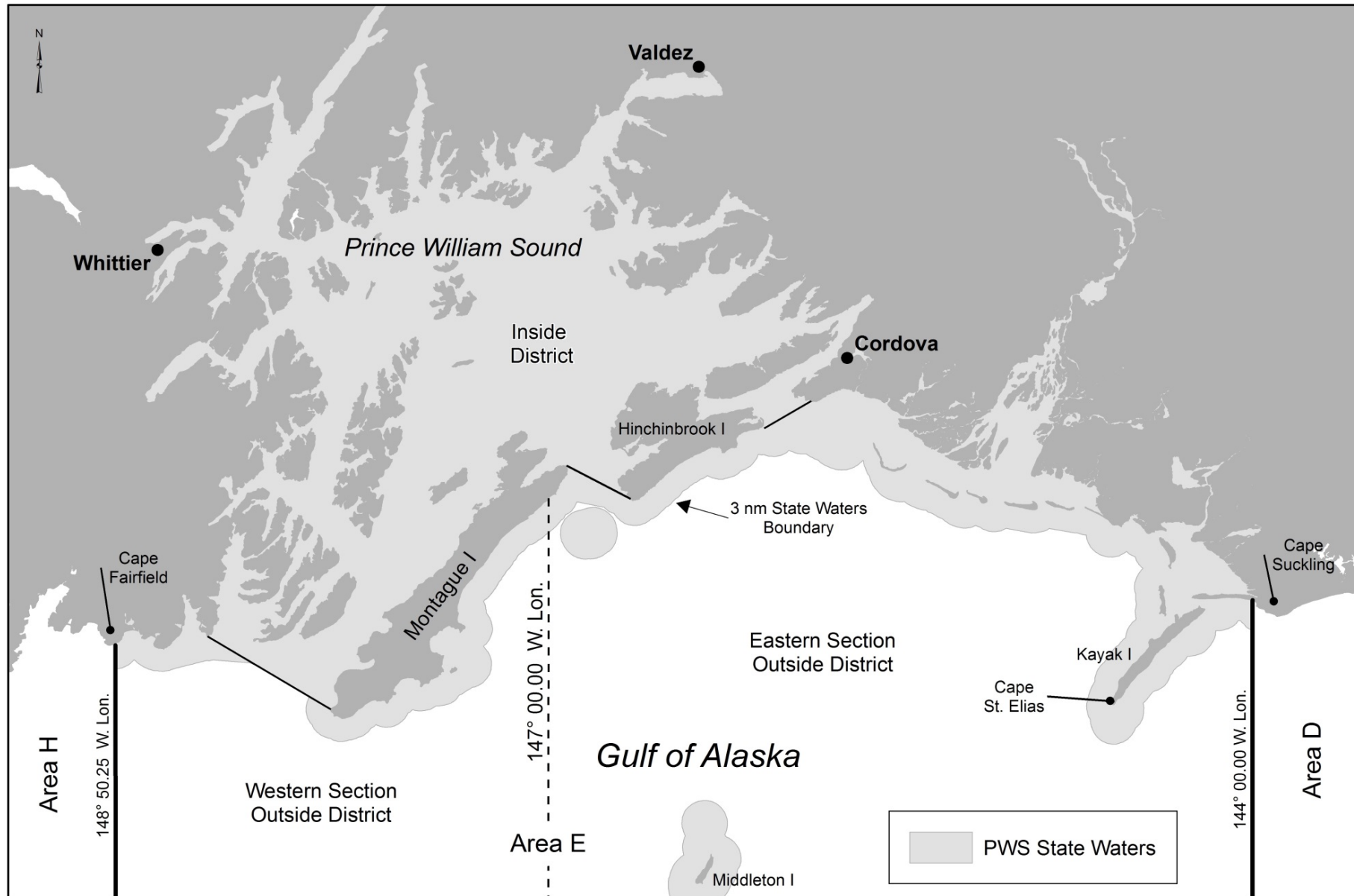
# Central Region

Area E

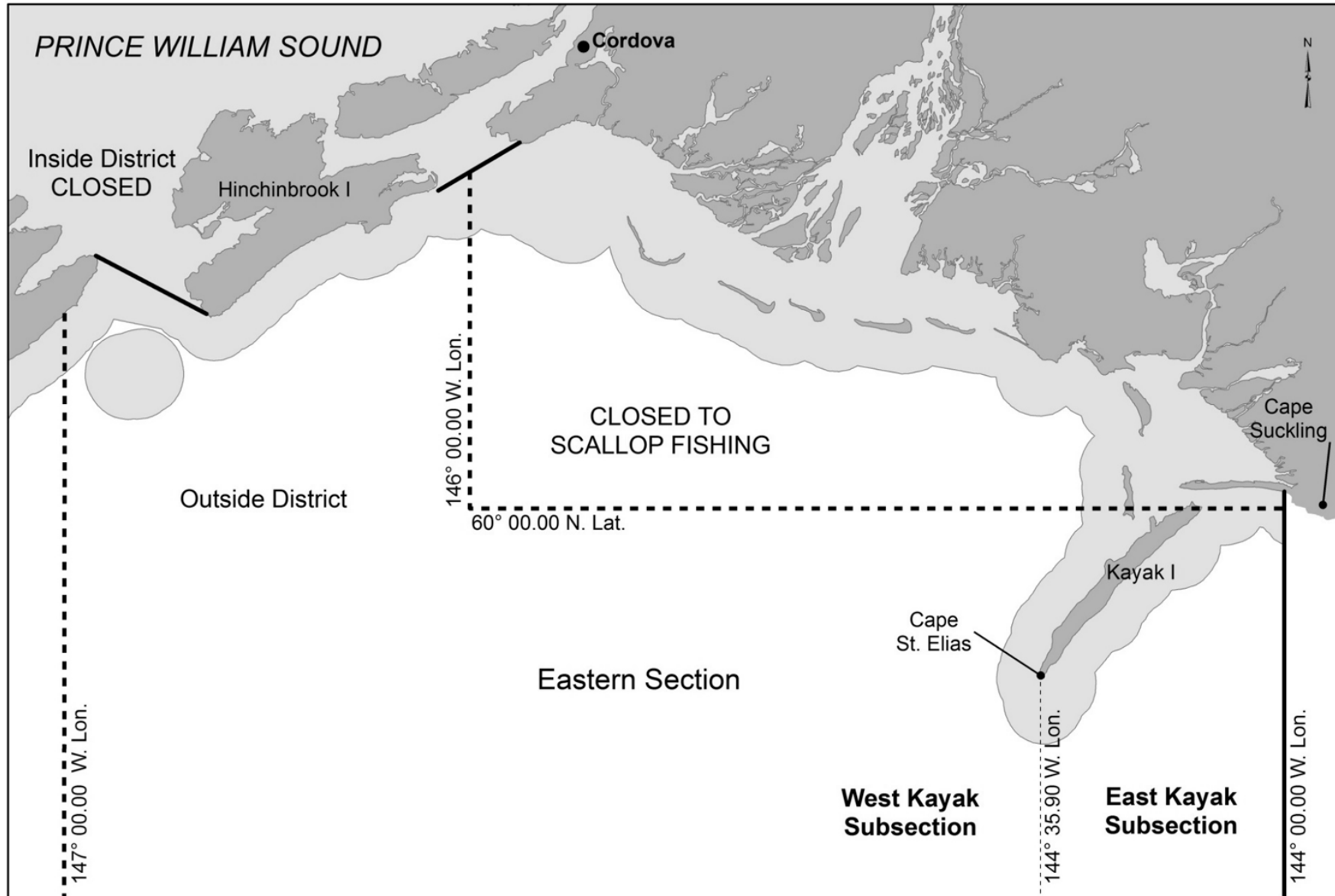
# Central Region (RII) Scallop Registration Areas



# Registration Area E – Prince William Sound Area



# Area E Outside District Eastern Section showing West and East Kayak Subsections





## Area E – Prince William Sound

2021/22 Season – WKS opened (EKS closed)

GHL of 8,000 lb achieved, CPUE 124 lb/hr

GHR 0-50,000 lb

CBL historically set based on PWS Tanner crab  
Trawl survey results – 215 estimated Tanner crab  
caught in scallop fishery 2021 (0 other crab species)

### Recent Scallop Survey Results:

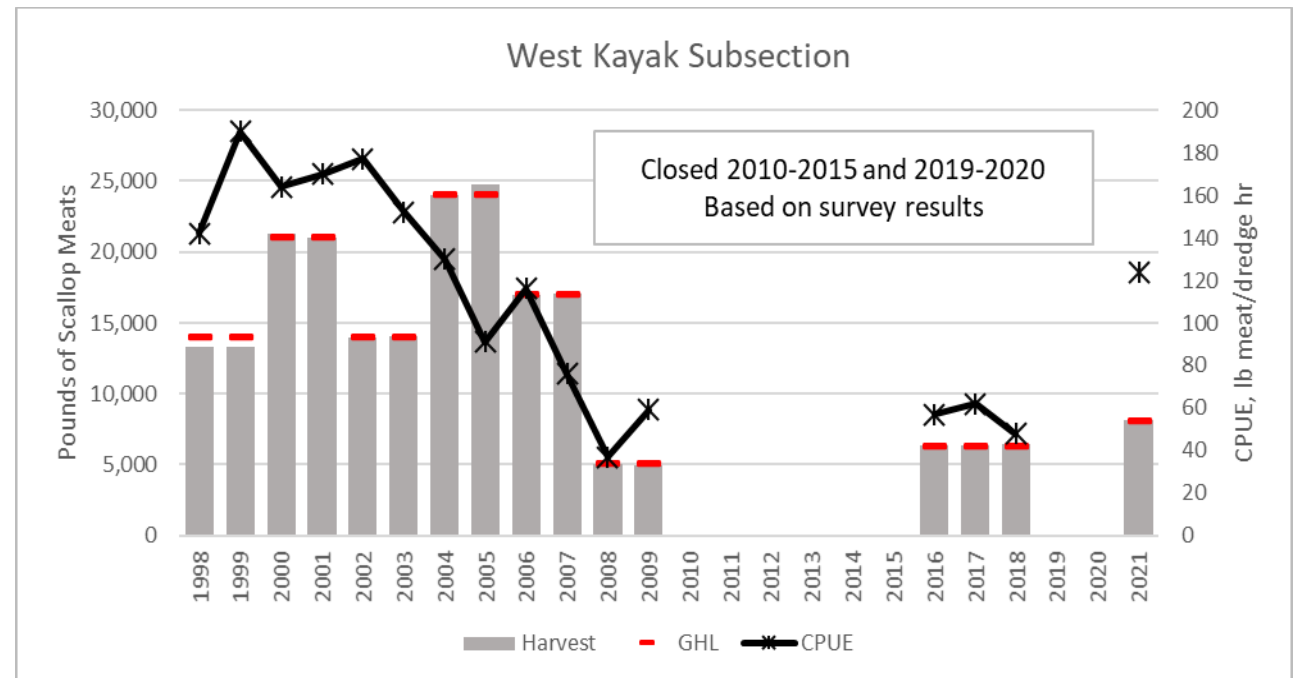
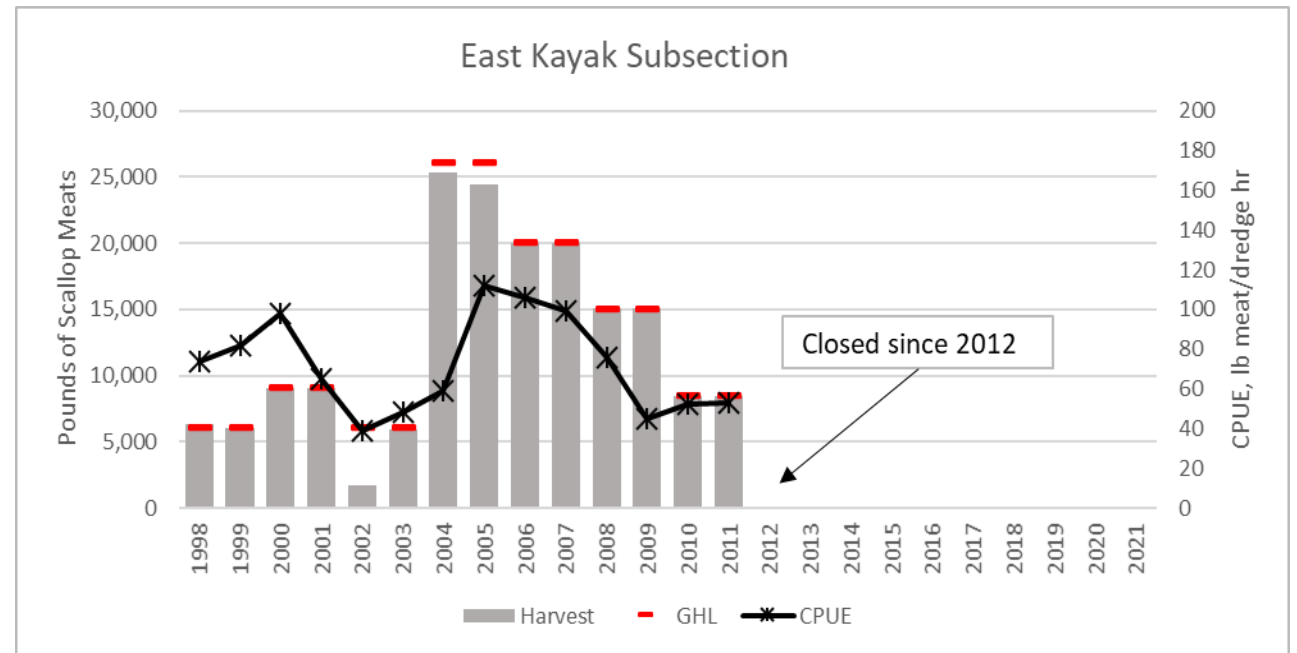
2018 – EKS – scallop abundance lowest level  
in history of survey & remained closed

2019 – WKS – abundance had declined  
significantly from last survey in 2016 & closed

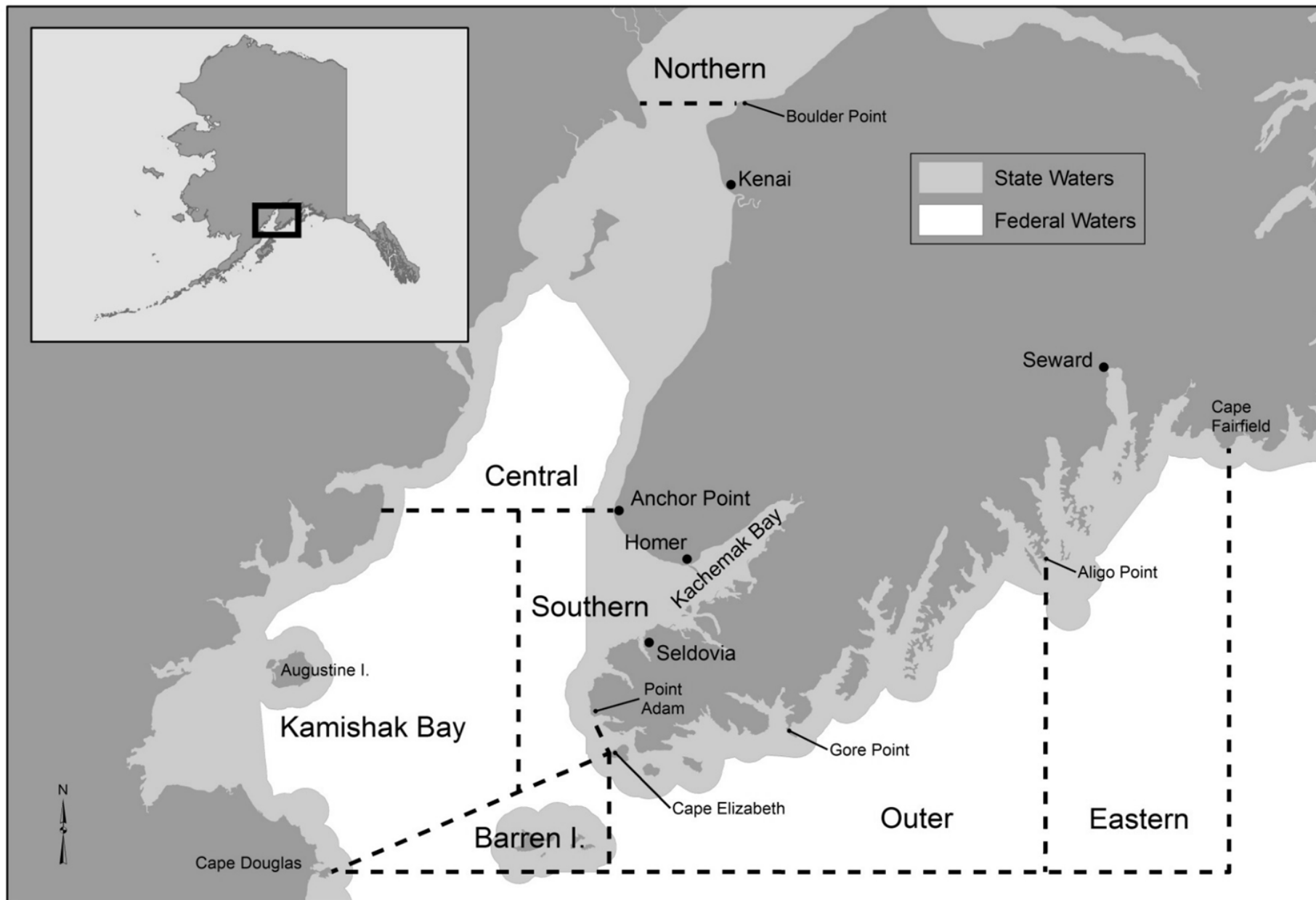
2021 – both subsections surveyed

EKS: Scallop abundance remained low &  
fishery remained closed

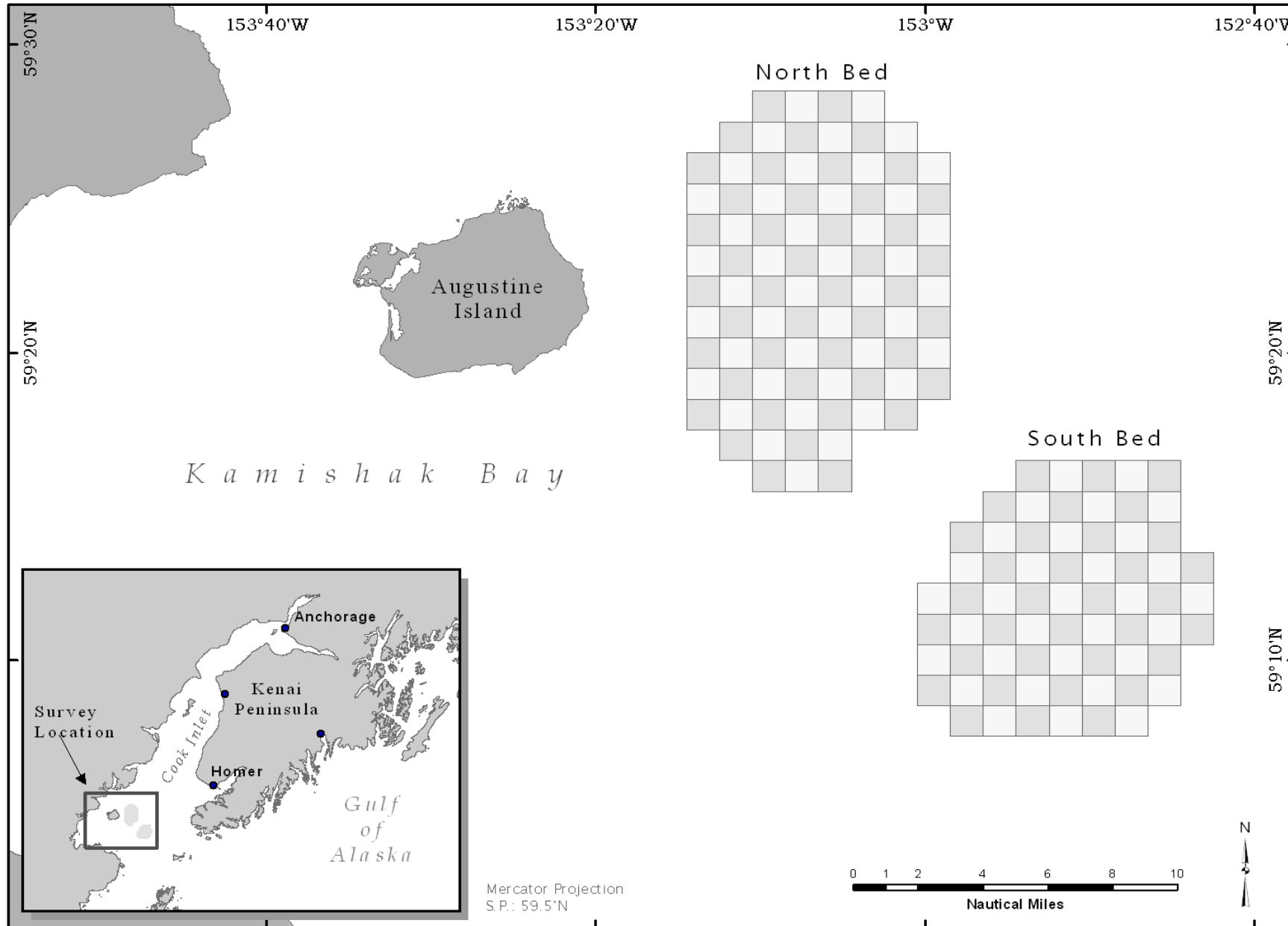
WKS: Scallop abundance and biomass had  
increased to levels high enough to allow for  
fishery – corroborated by 2021 fishery CPUE



# Registration Area H – Cook Inlet Area



# Registration Area H – Kamishak Bay District – Location of North & South Scallop Beds



## Area H – Cook Inlet

2021/22 Season – Closed

GHR 10,000-20,000 lb

Only area that has different management plan – ADF&G observer accommodated upon request  
Vessel operator must collect 100 top valves if no observer onboard

Gear limited to single 6-foot dredge (1983)

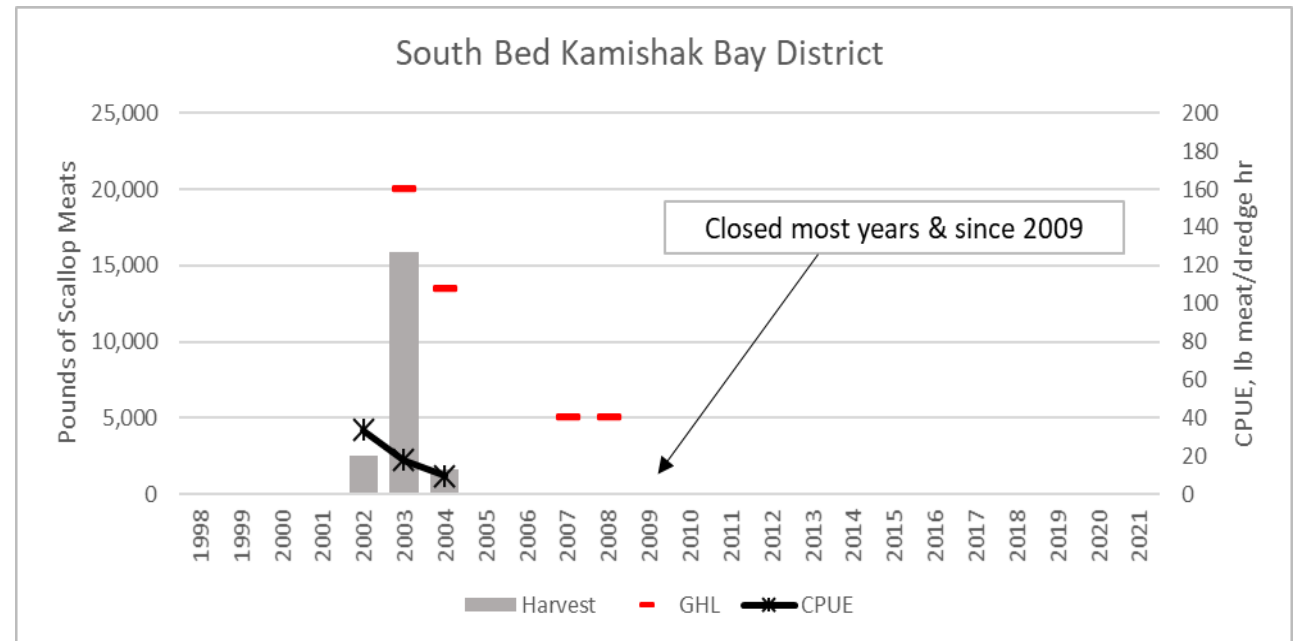
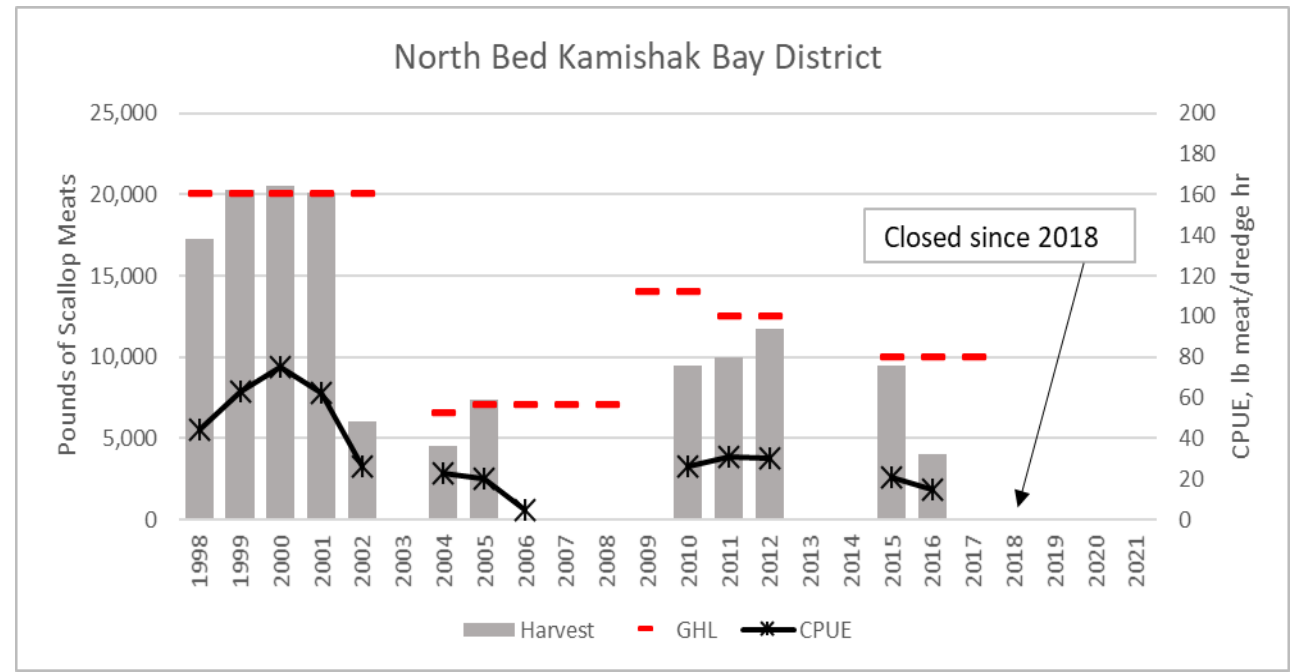
New in 2018: Live scallops may be delivered – season closed since adopted

CBL historically set based on Kachemak Tanner crab Trawl survey results – survey no longer conducted  
Red king crab bycatch limit – 30 crab

Recent Scallop Survey Results:

2018 – both beds– scallop abundance declined sharply to lowest levels in history of survey - closed

2019 – North bed – survey showed continued low abundance – remained closed



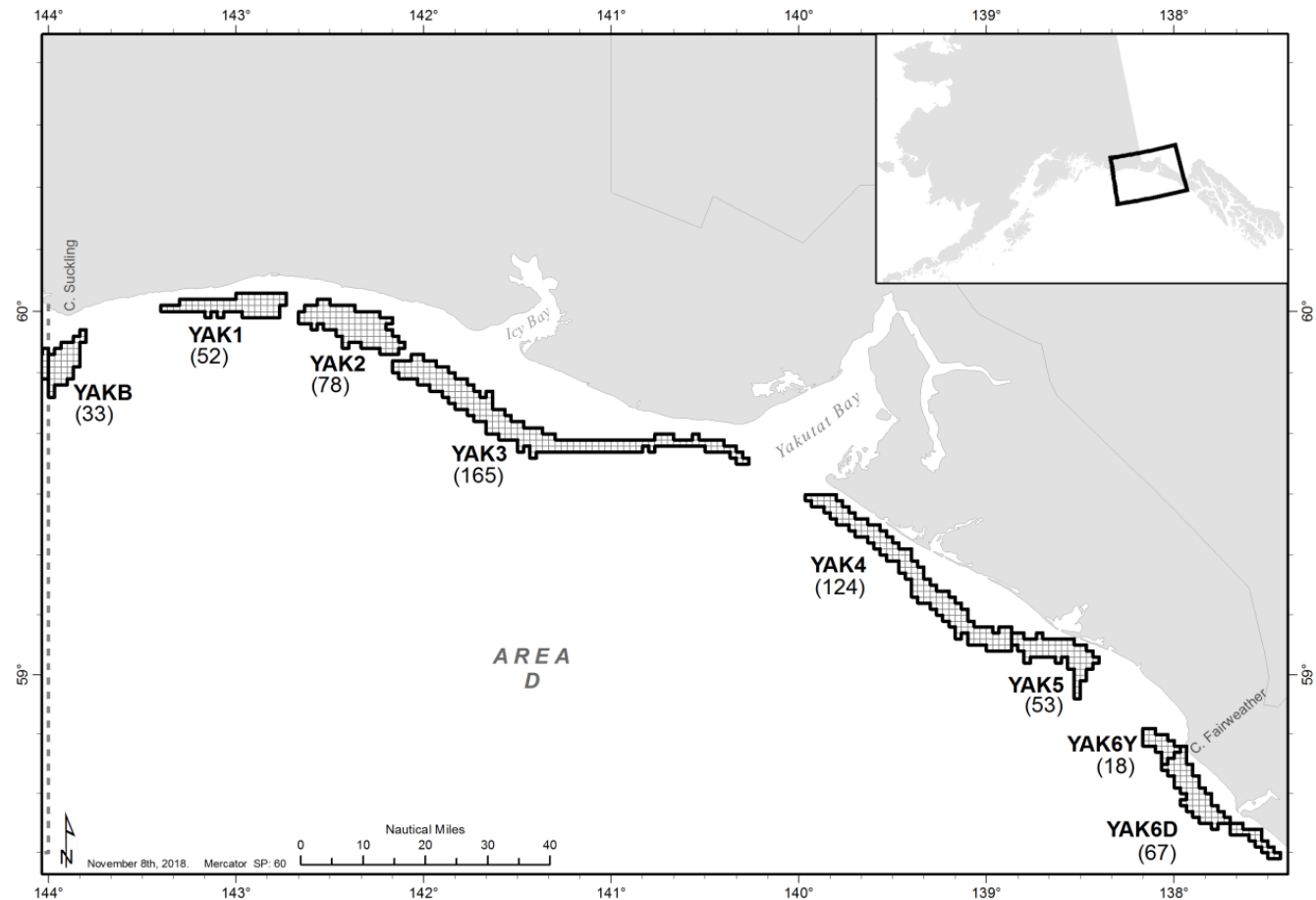


# Southeast Region

Area D

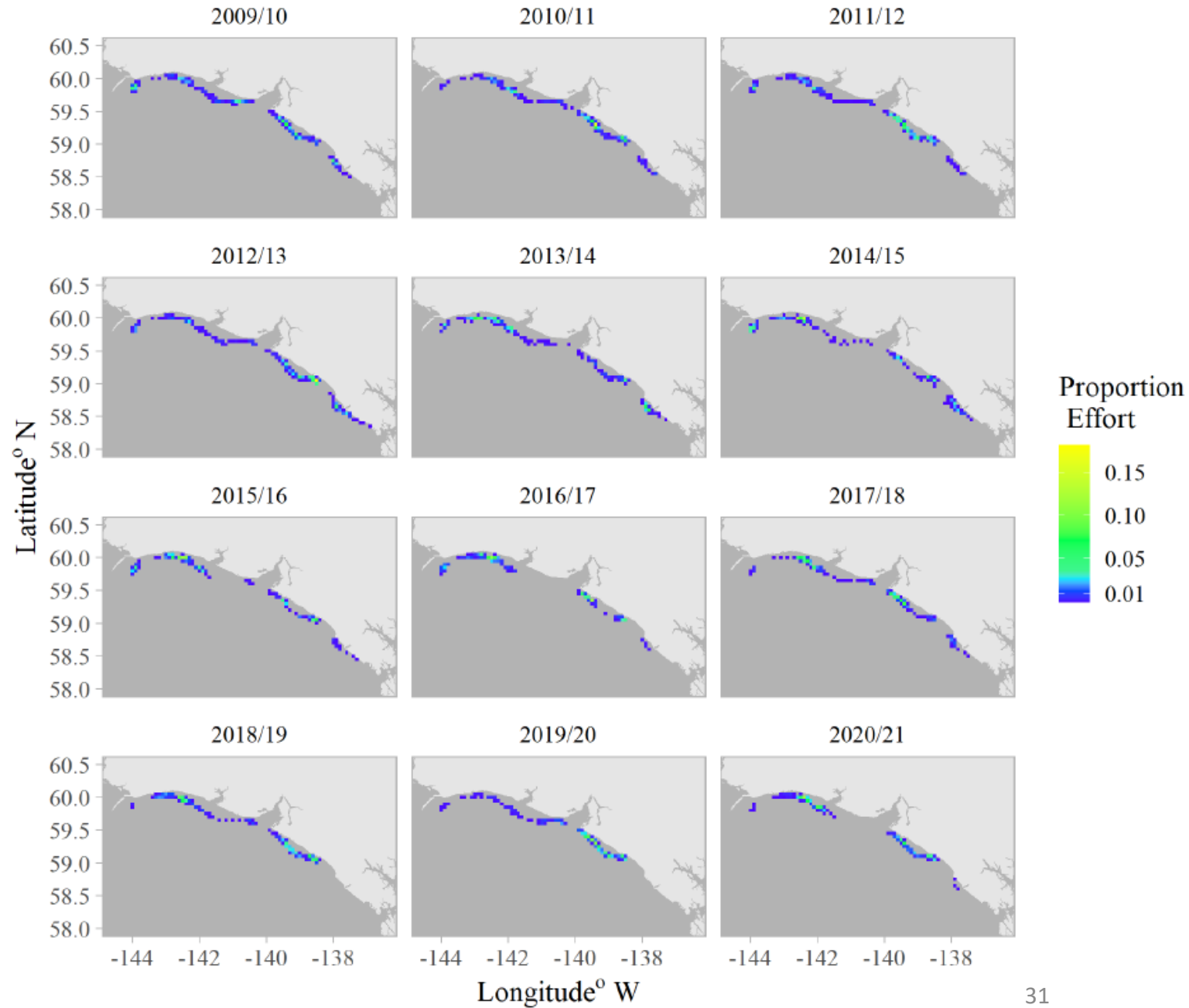
# Yakutat (Area D)

- Management Overview:
  - 0–285,000 lb shucked meat GHR
  - July 1–February 15 season
- No crab bycatch limits (CBL)



# Yakutat (Area D)

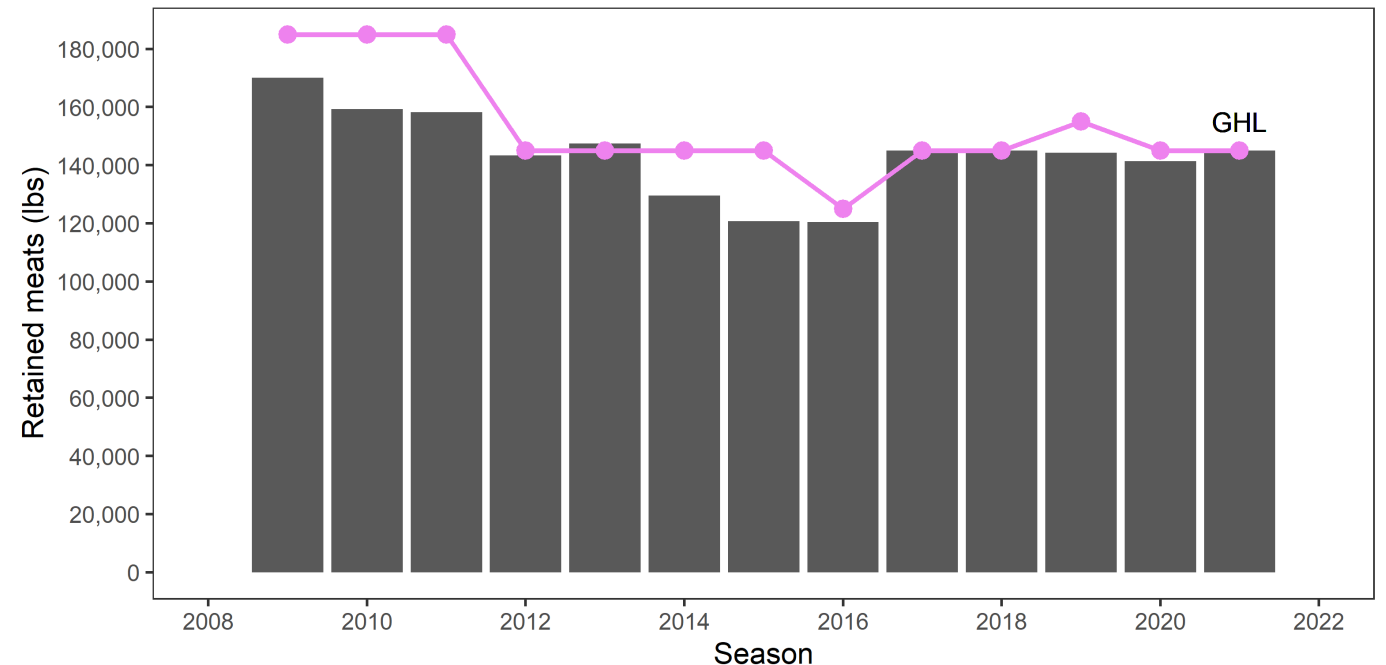
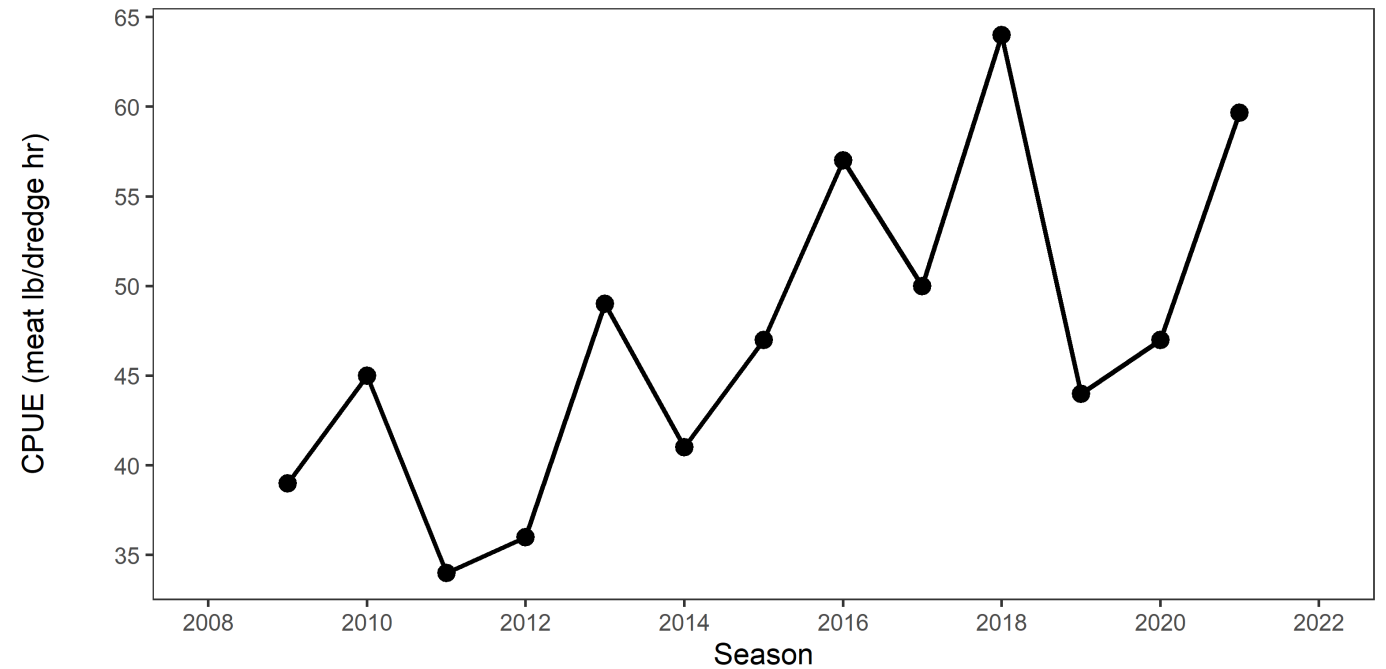
## Spatial Distribution of Harvest



# Yakutat (Area D)

## Harvest & CPUE

- 2020/2021 Season
  - 145,000 lb GHL
  - 141,455 lb retained meats
  - CPUE ↑ 6.8%
  - < 3 vessels fished
- 2021/2022 Season
  - 145,000 lb GHL
  - 136,275 lb retained meats\*
  - CPUE ↑ 28.7%\*
  - < 3 vessels fished

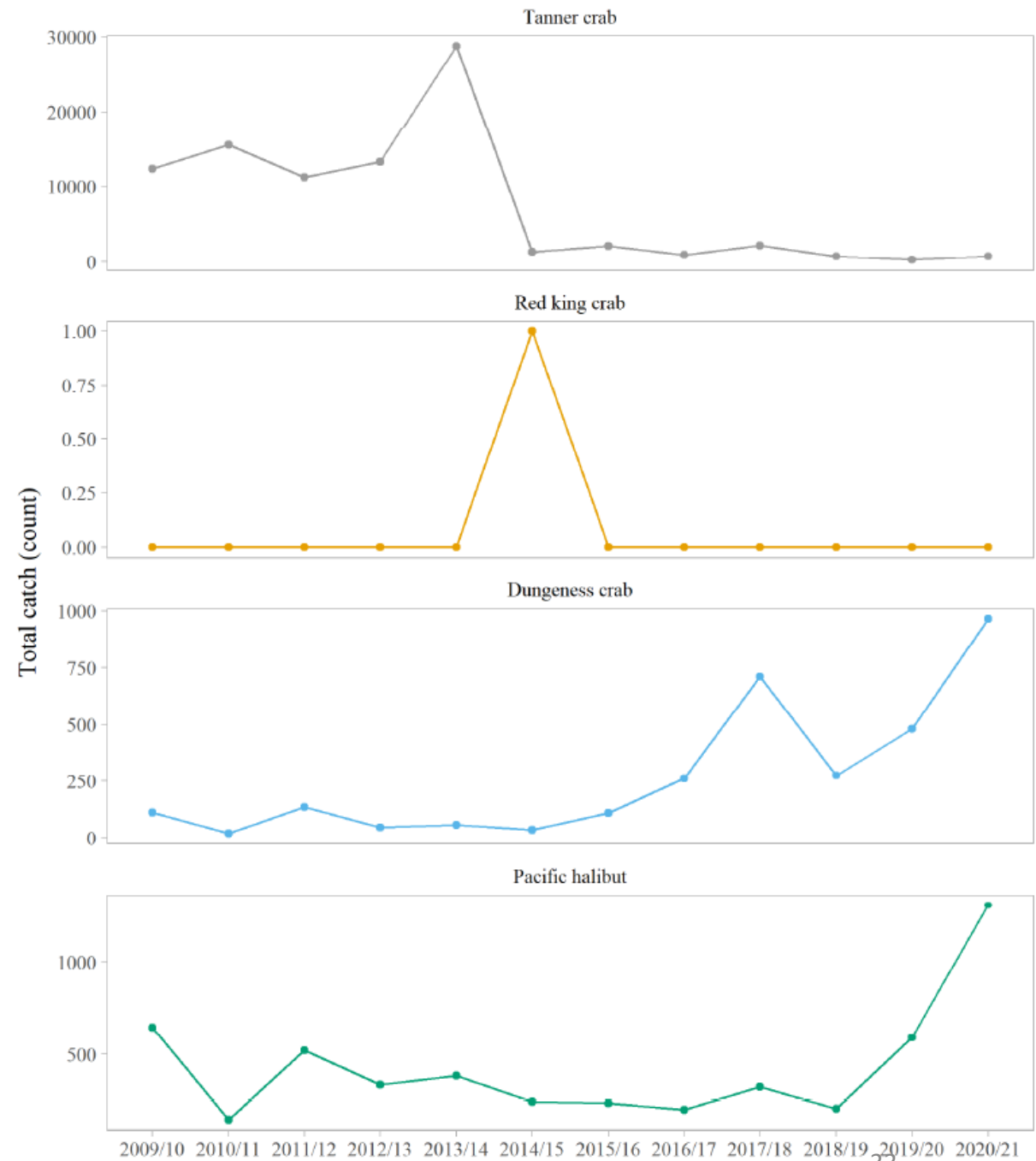




# Yakutat Area D

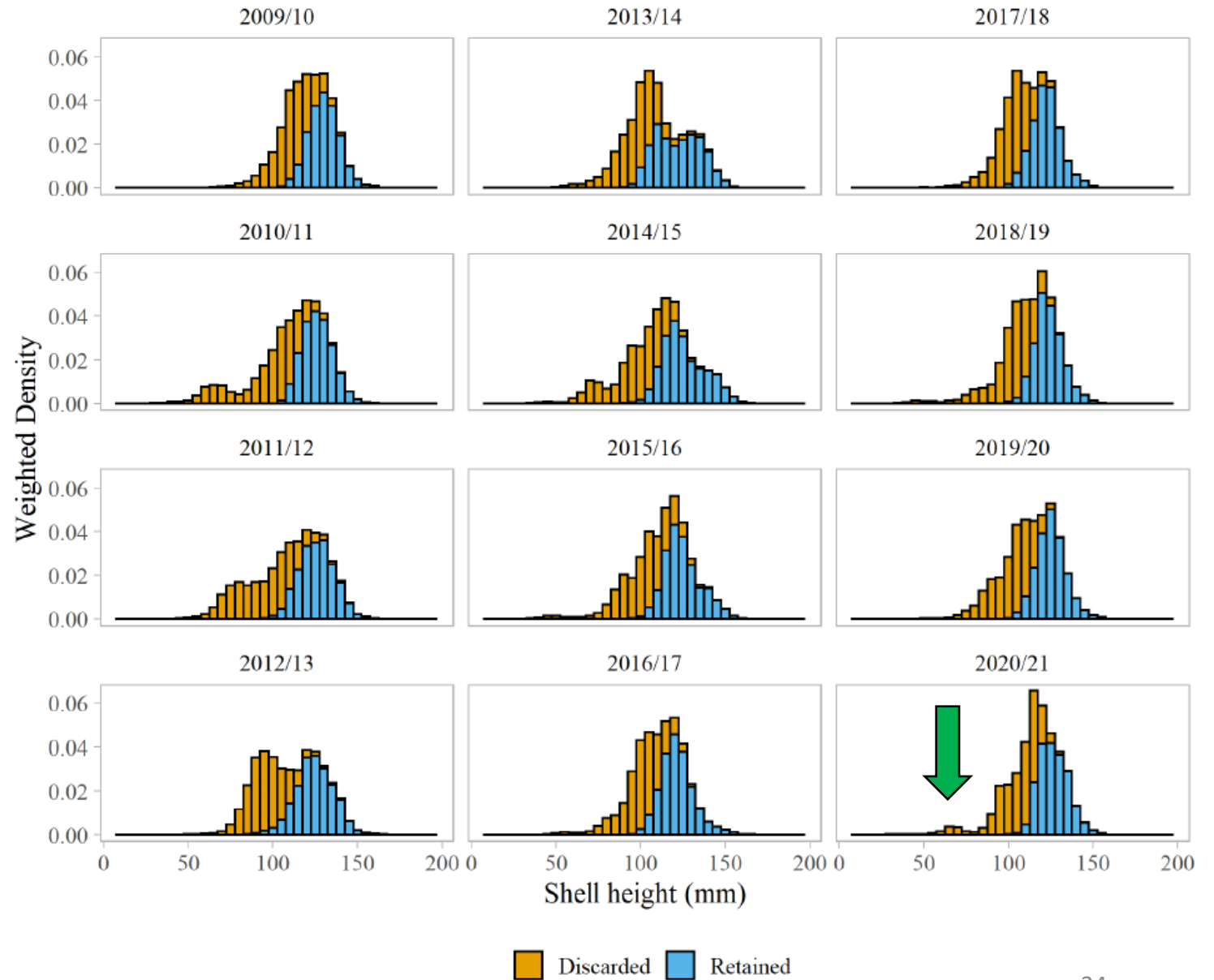
Bycatch & Clappers

- No CBL
- Dungeness crab & halibut 



# Yakutat (Area D)

## Shell Height Compositions





Statewide

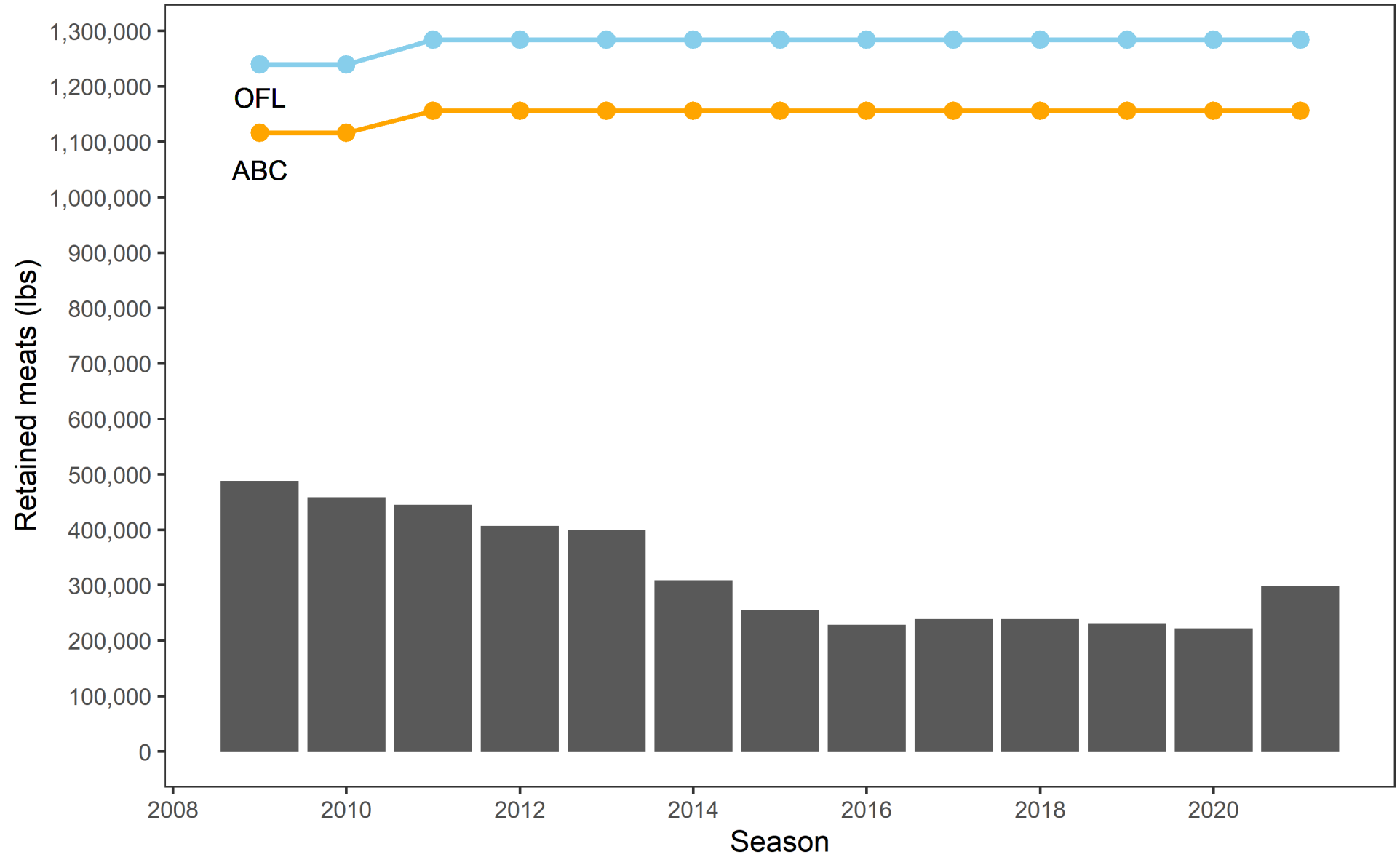
# Statewide

## 2020/21 Season Summary

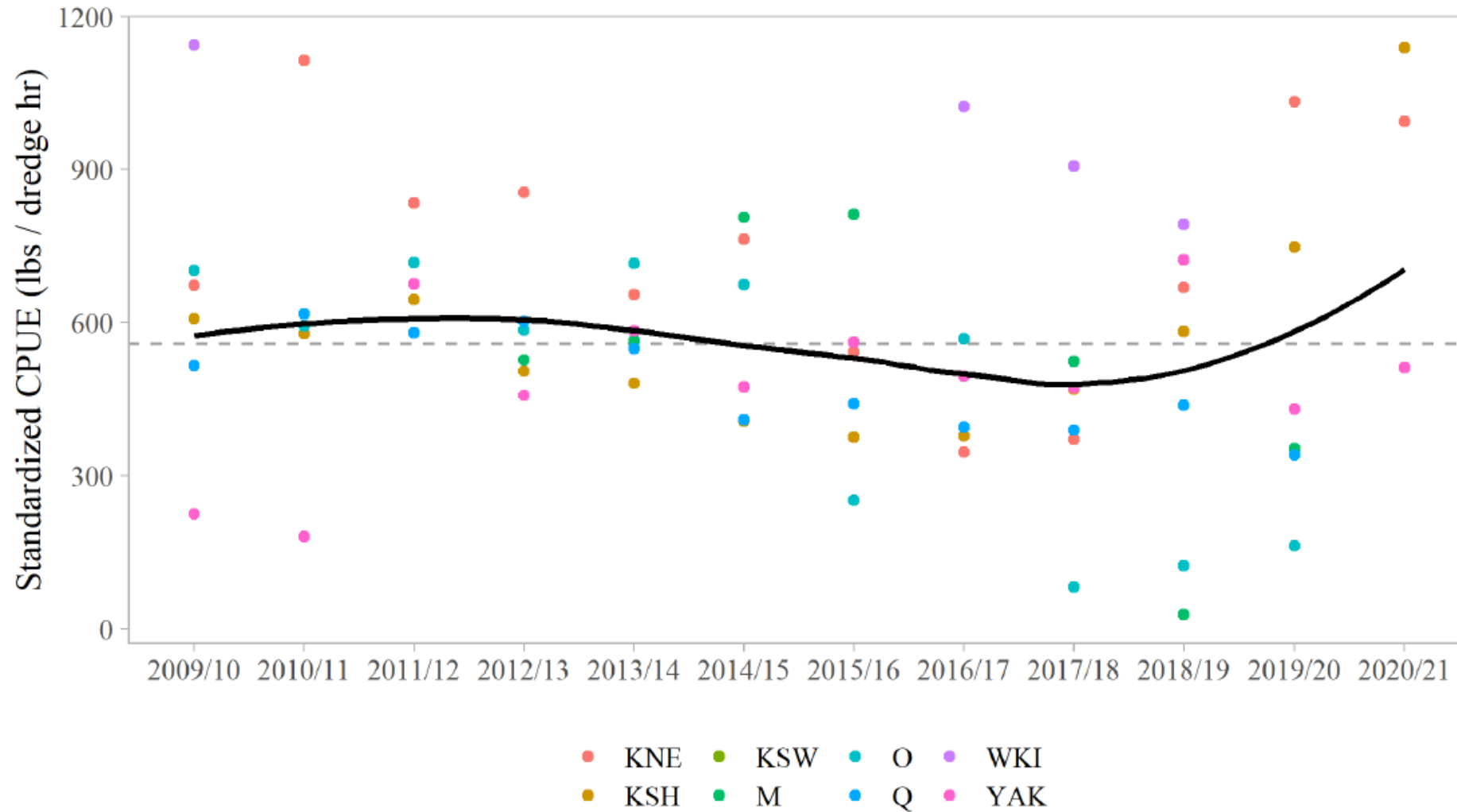
Registration Area	District/Subsection	GHR (lb meat)	GHL (lb meat)	Retained catch (lb meat)	CPUE (lb meat per dredge hr)	Est scallop discard mortality (lb meat)
<b>Yakutat (D)</b>		0-285,000	145,000	145,025	47	<b>9,362</b>
<b>Kodiak (K)</b>	Northeast District	0-300,000 for whole Kodiak Area	15,000	15,095	77.9	<b>6,153</b>
	Shelikof District		40,000	40,060	92.6	<b>8,479</b>
	Southwest District		35,000	25,950	44.0	<b>4,554</b>
	Southeast District		15,000	0		<b>0</b>
<b>Alaska Peninsula (M)</b>	Central District	0-100,000 for whole Alaska Peninsula Area	7,500	0		<b>0</b>
	Unimak Bight District		7,500	0		<b>0</b>
<b>Dutch Harbor (O)</b>		0-110,000	5,000	0		<b>0</b>
<b>Bering Sea (Q)</b>		0-300,000	7,500	0		<b>0</b>
	<b>Statewide Totals</b>		<b>277,500</b>	<b>227,270</b>	<b>52.6</b>	<b>112,811</b>

# Statewide

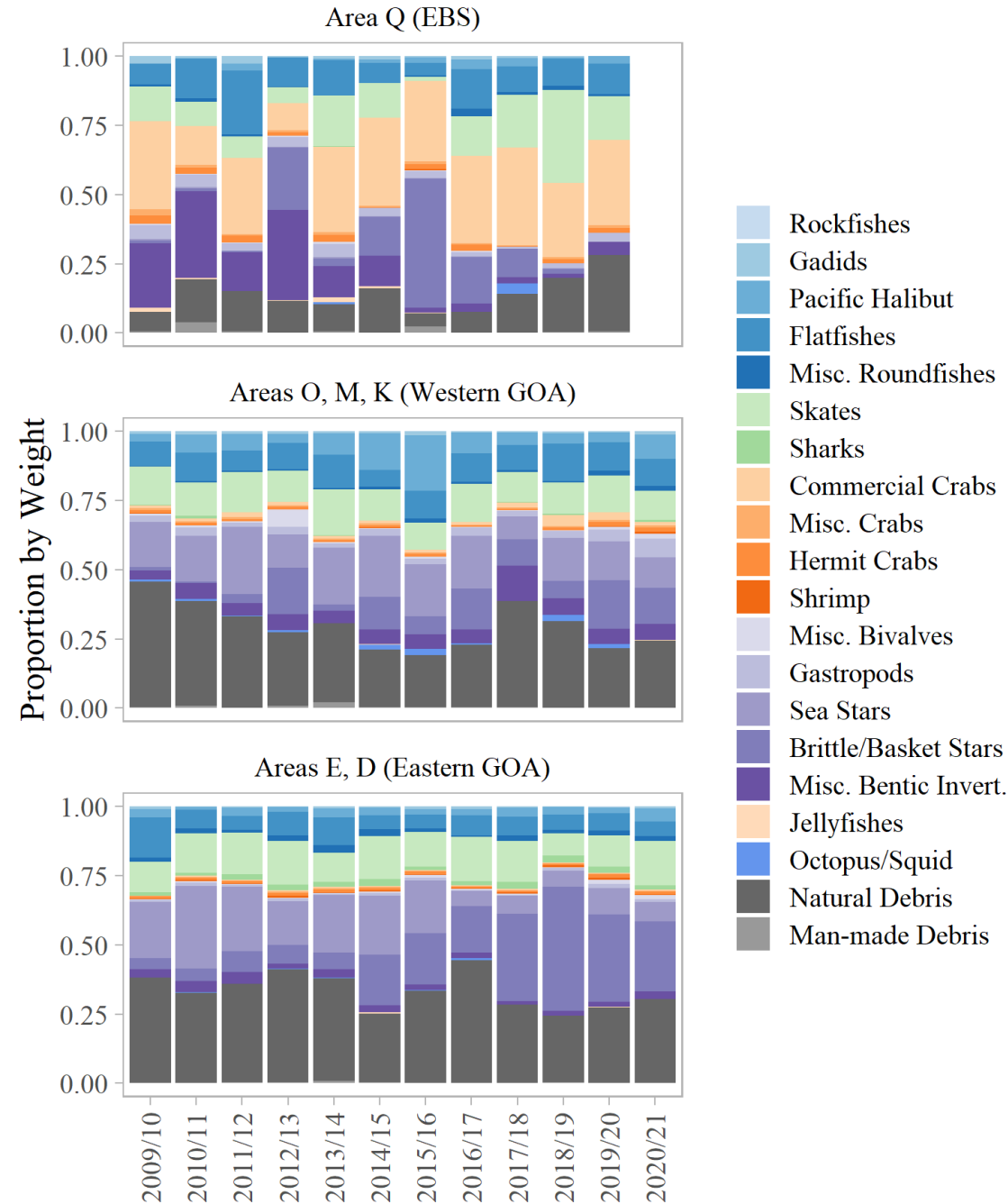
## Harvest



# Statewide



# Statewide



# Statewide

## 2021/22 Season Preliminary Harvest

Registration Area	District/Subsection	GHL (lb scallop meats)	Retained catch (lb scallop meat)
<b>Yakutat (D)</b>		145,000	145,010
<b>Prince William Sound (E)</b>	East Kayak Island Subsection	Closed	NA
	West Kayak Island Subsection	8,000	8,170
<b>Kodiak (K)</b>	Northeast District	30,000	30,295
	Shelikof District	80,000	80,215
	Southwest District	35,000	35,080
	Southeast District	15,000	0
<b>Alaska Peninsula (M)</b>	Central District	7,500	0
	Unimak Bight District <sup>a</sup>	7,500	0
<b>Dutch Harbor (O)</b>		10,000	0
<b>Bering Sea (Q)</b>		7,500	0
	<b>Statewide Totals</b>	<b>337,500</b>	<b>298,770</b>



Questions?