

Norton Sound Red King Crab Fisheries

Justin Leon



SUBSISTENCE FISHERIES OVERVIEW

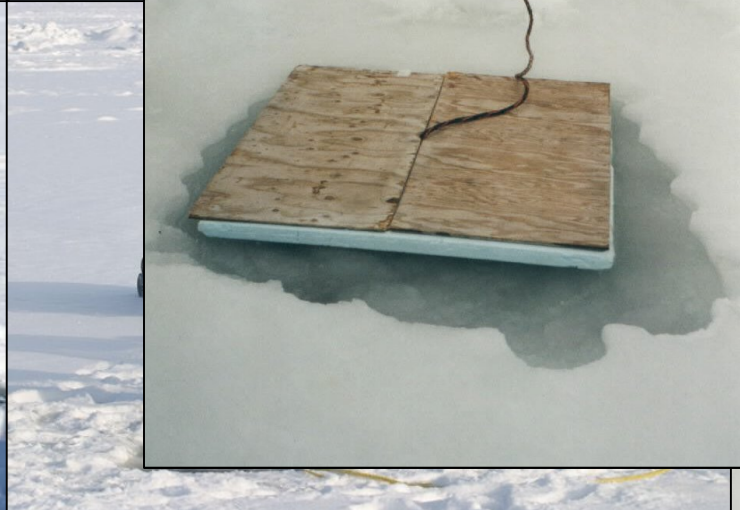
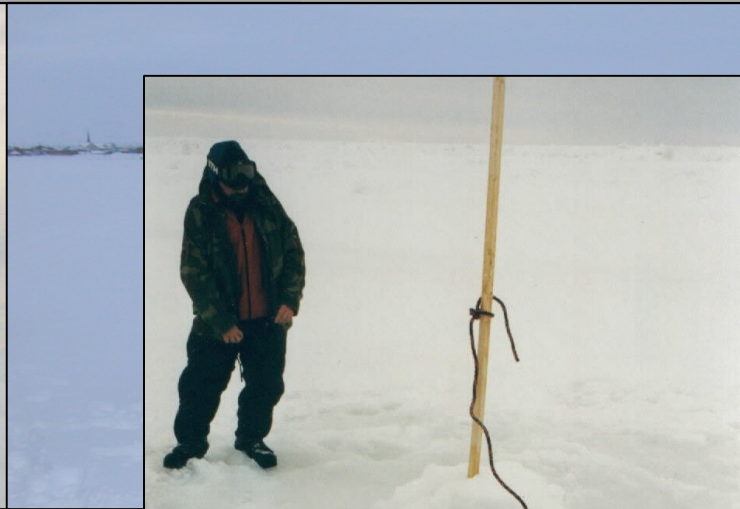


- Historically handlines
- Switch to pot gear - late 1970s
- Open year-round
 - Permits for winter and summer
 - ~99 winter permits/year (10-yr avg.)
 - ~17 summer permits/year (10-yr avg.)



WINTER COMMERCIAL FISHERY OVERVIEW

- Began 1978
- Occurs January 15-April 30
- Through ice only

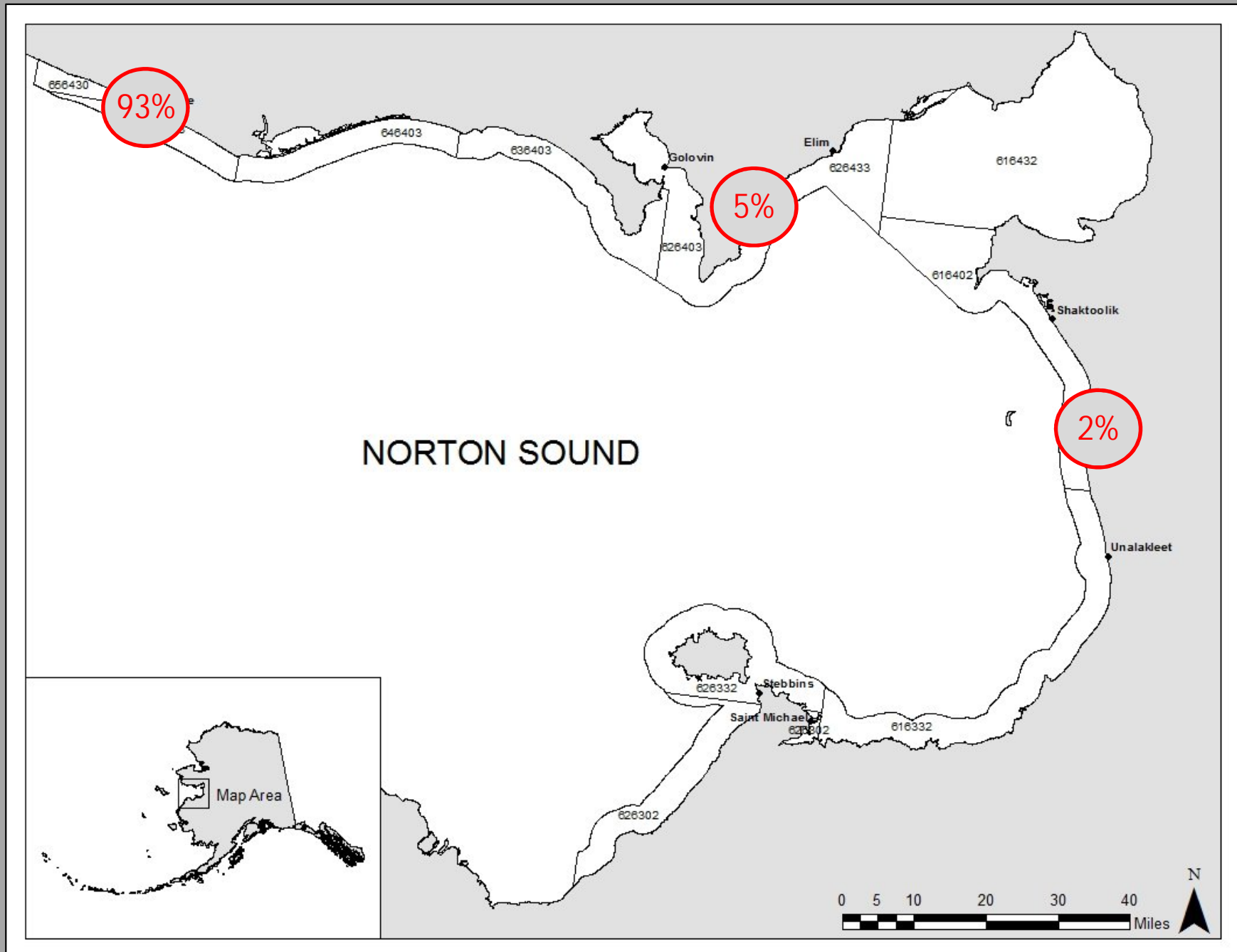


WINTER COMMERCIAL FISHERY OVERVIEW

- 20 pot limit – pot tags
- 21 permit holders/year (10-yr avg.)
- CDQ & OA taken
- Live market
- Potentially high pot loss



WINTER COMMERCIAL FISHERY OVERVIEW



WINTER COMMERCIAL FISHERY OVERVIEW

Monitoring Program

- Local Processing Plant
 - Sample minimum – once/week
 - 500 crab/season

- Observer Program
 - Started 2016 - voluntary
 - Data collected
 - Discard rate
 - Handling time



SUMMER COMMERCIAL FISHERY OVERVIEW



- Began 1977
- Shift from large vessels to small vessels
- 40 pot limit – pot tags
- Occurs June 15-Sept. 3



SUMMER COMMERCIAL FISHERY OVERVIEW

permit holders/year (10-yr avg.)

A taken

ive & frozen markets

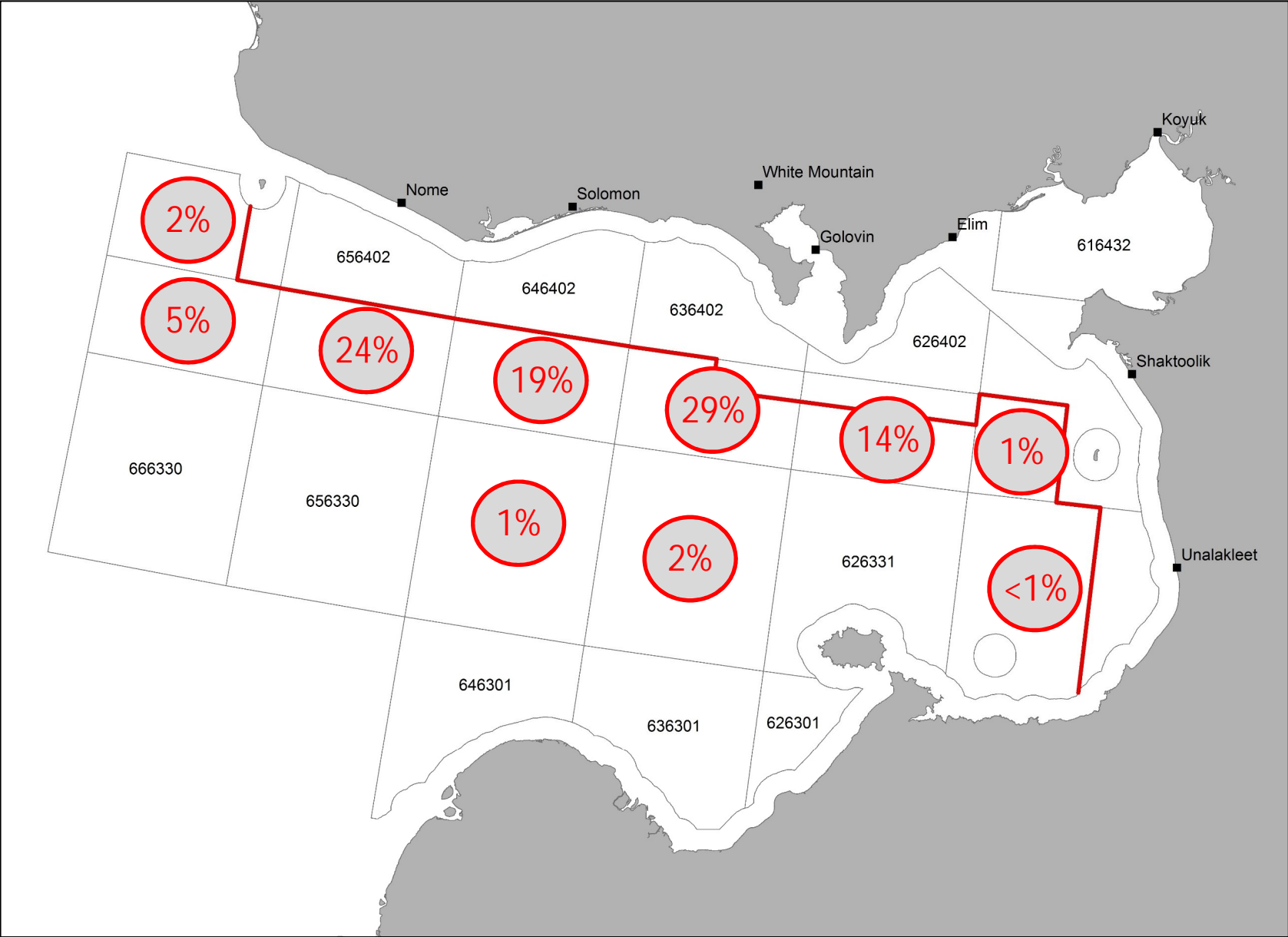
017 Vessel sizes:

Range – 18-51 ft.

- 1 - <20 ft.
- 12 – 20-30 ft.
- 20 – 30-40 ft.
- 1 – 40-50 ft.
- 1 – >50 ft.



SUMMER COMMERCIAL FISHERY OVERVIEW



SUMMER COMMERCIAL FISHERY OVERVIEW

Monitoring Program

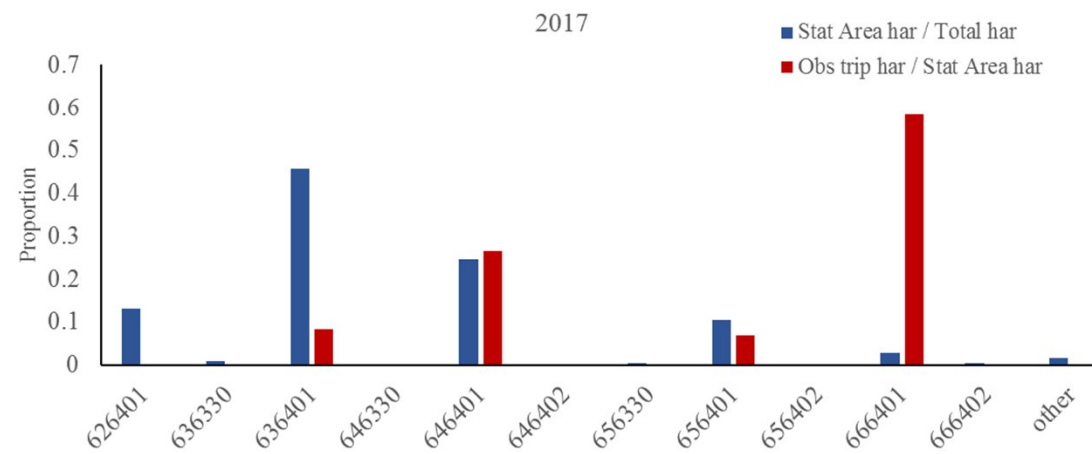
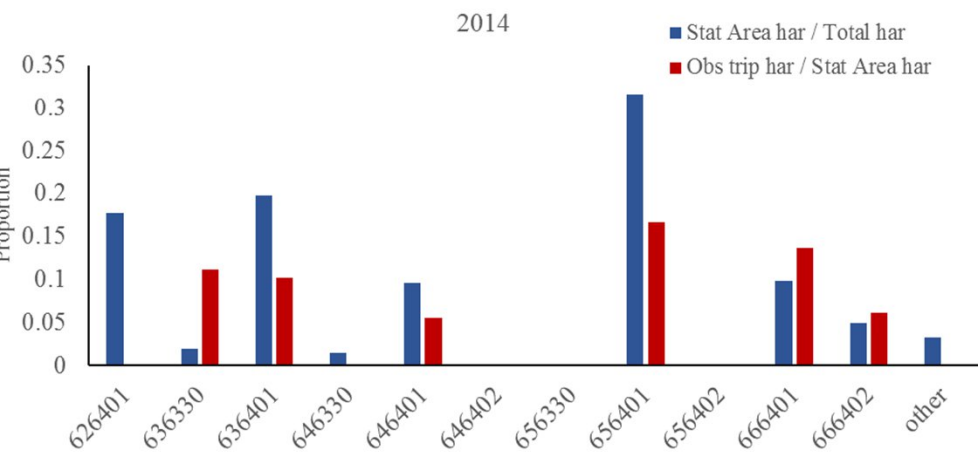
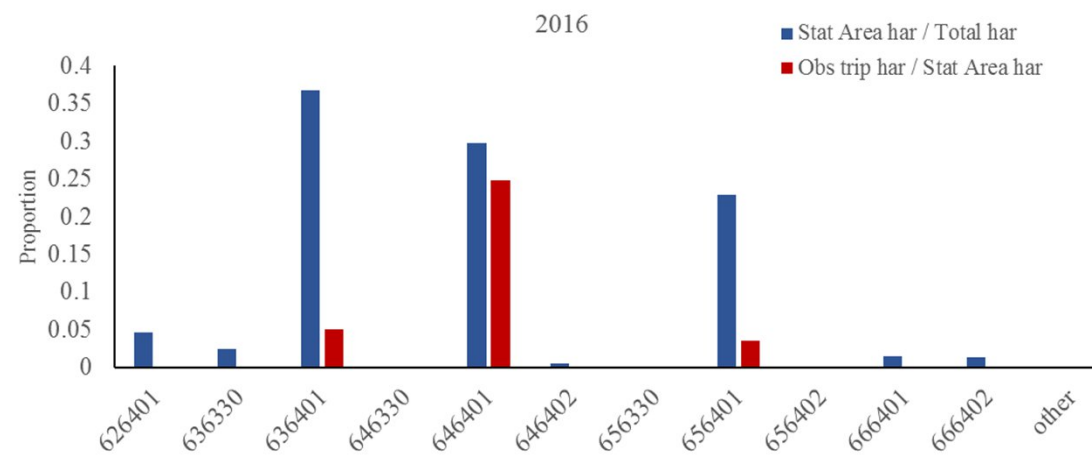
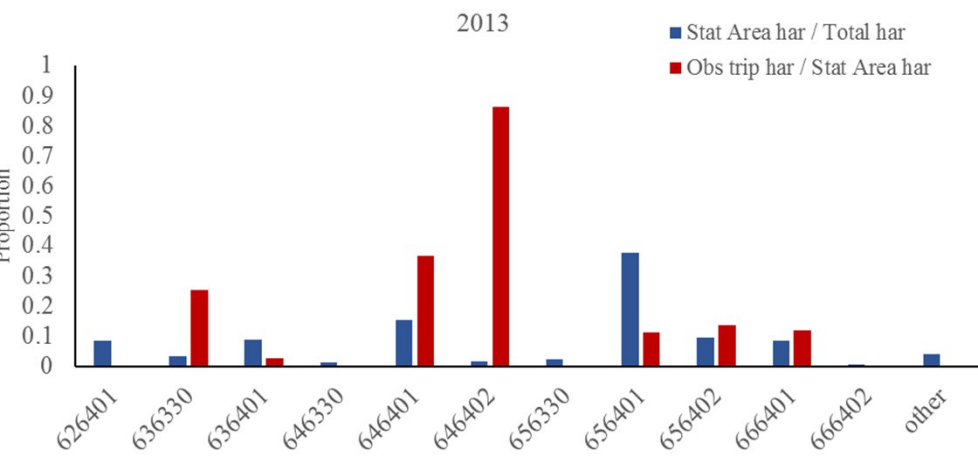
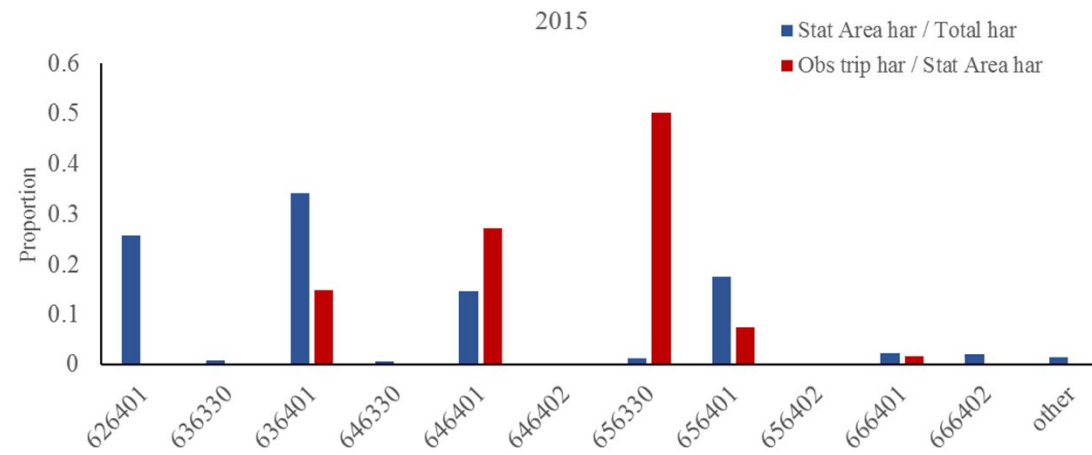
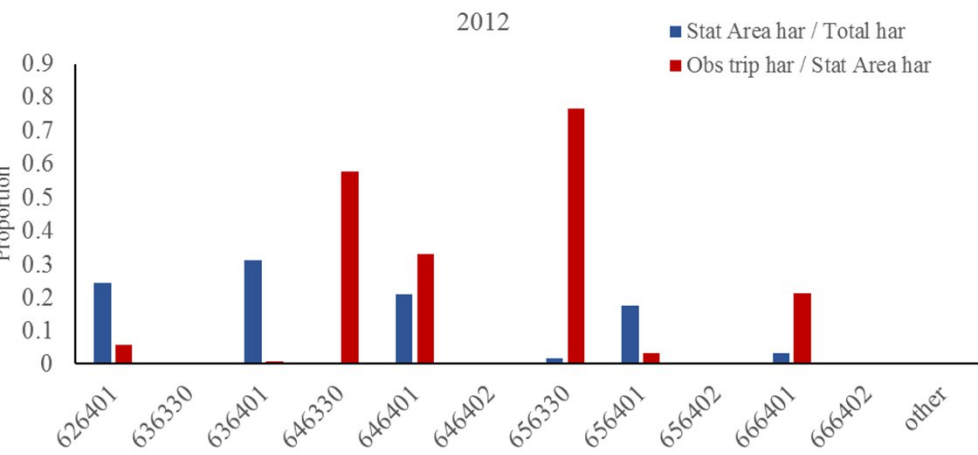
- Local Processing Plant
 - 20 crab/tote from each delivery
 - 5,000 – 7,000 crab/season
 - 1-2 boats sampled/day
- Observer Program
 - Started 2012 - voluntary
 - Data collected
 - Carapace length
 - Shell condition
 - Discard rate

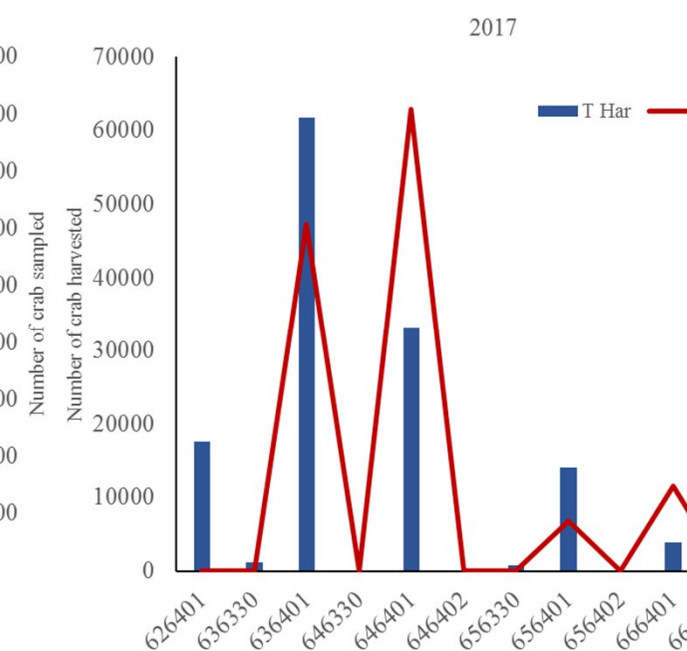
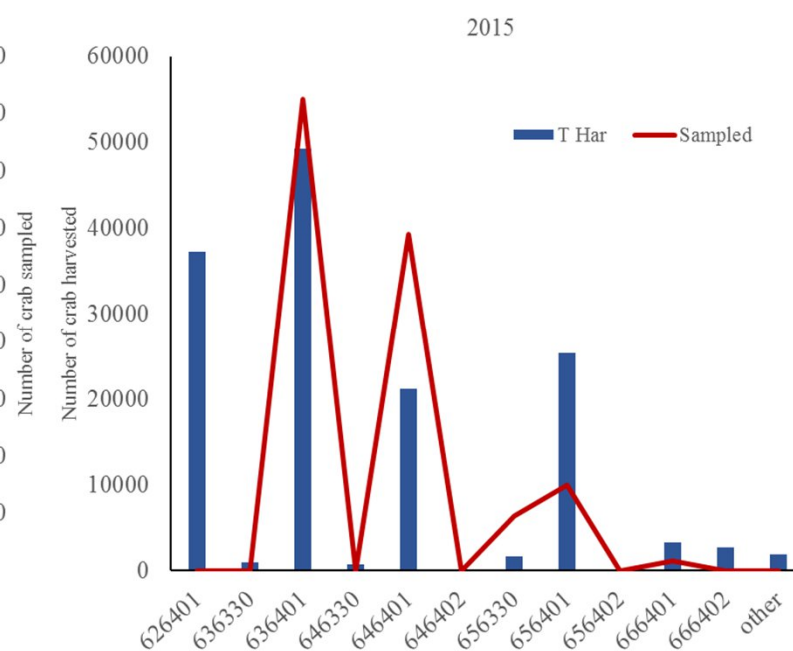
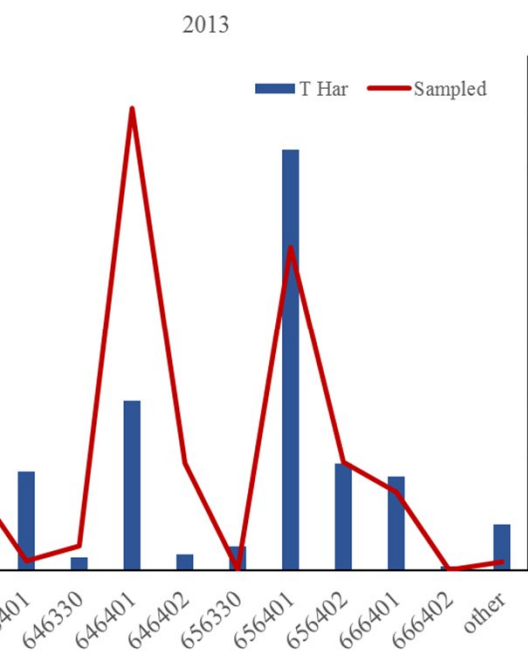
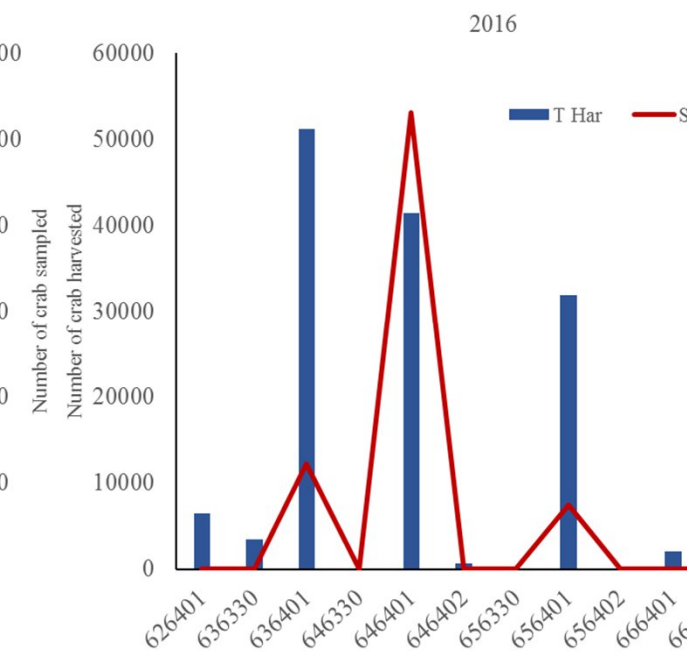
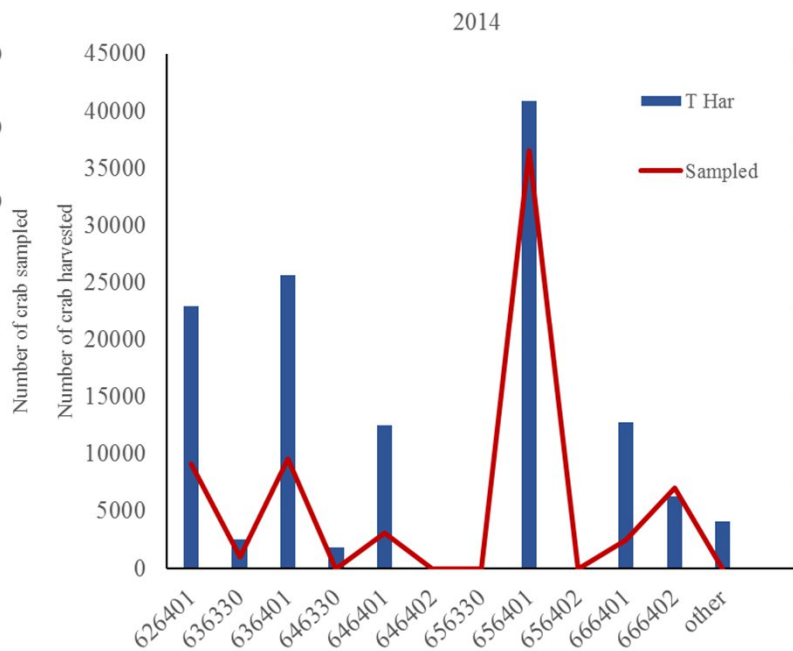
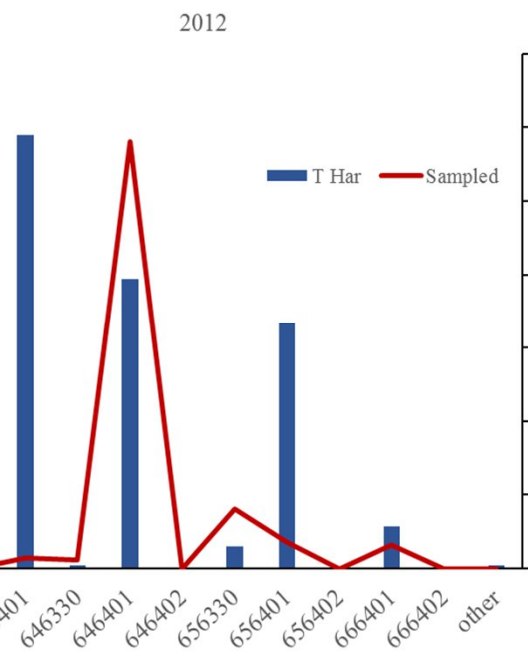


SUMMER COMMERCIAL FISHERY OVERVIEW

Monitoring Program

Year	Total # Crab Harvested	Total # Crab Sampled	% Crab Sampled
2012	161,113	1,676	1%
2013	130,603	2,166	2%
2014	129,657	1,838	1%
2015	144,225	1,676	1%
2016	138,997	1,700	1%
2017	135,323	2,204	2%





QUESTIONS?

