



**NOAA  
FISHERIES**

Alaska Fisheries  
Science Center

# 2015 *Draft* Annual Deployment Plan

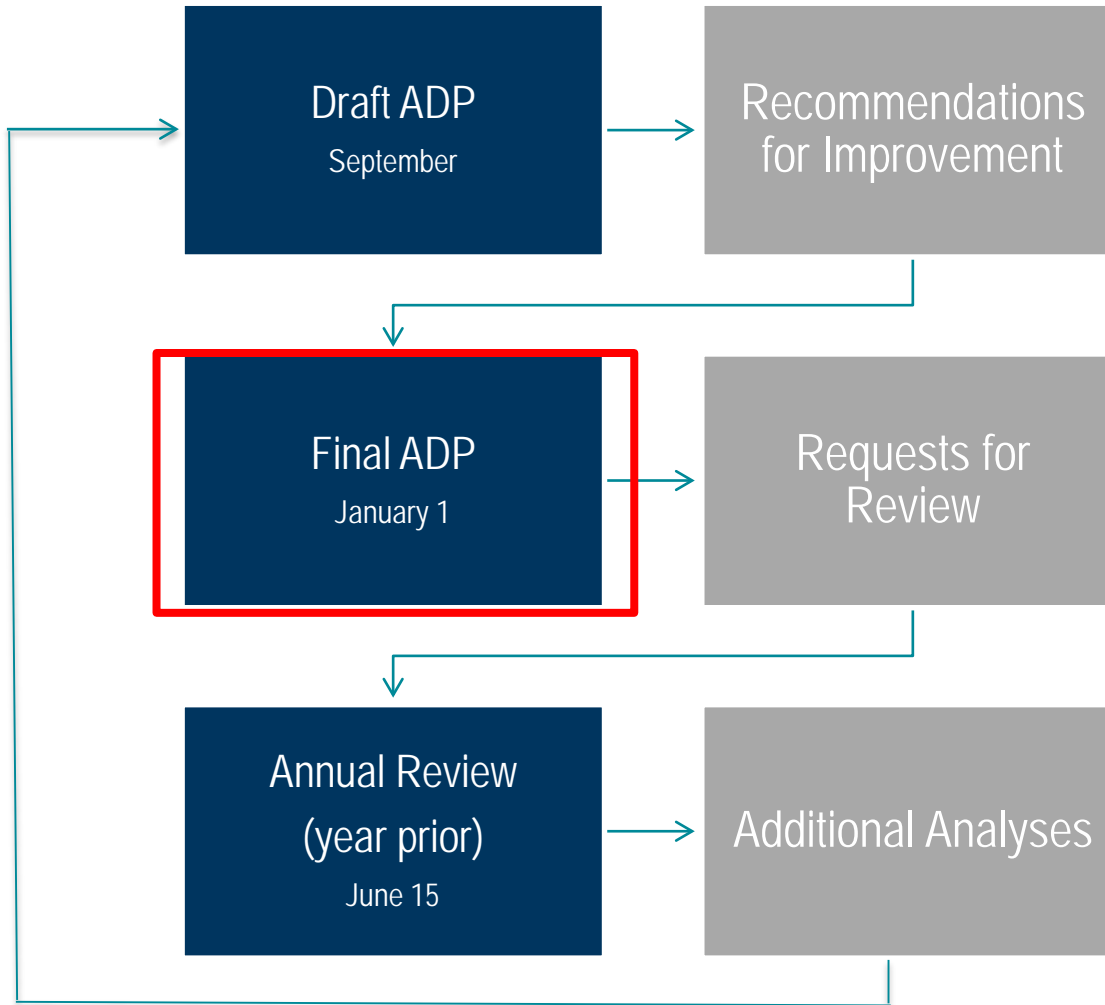
for observers in the Groundfish and Halibut fisheries off Alaska

October Council meeting update

Craig H. Faunce  
Fisheries Monitoring and Analysis Division

*Joint Plan Team briefing*  
Seattle, WA  
November 17, 2014

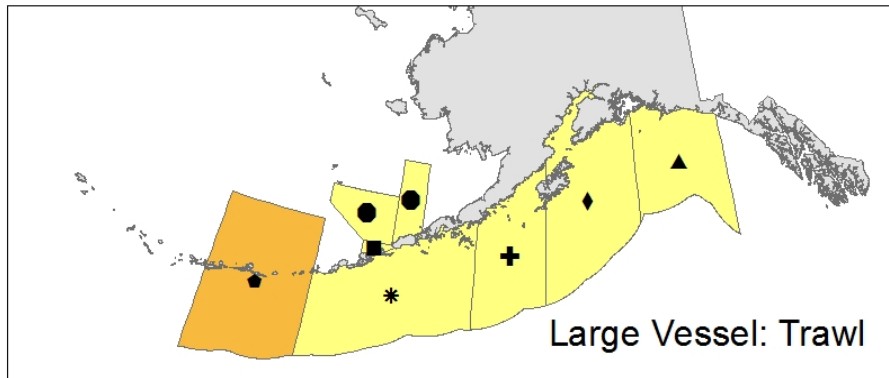
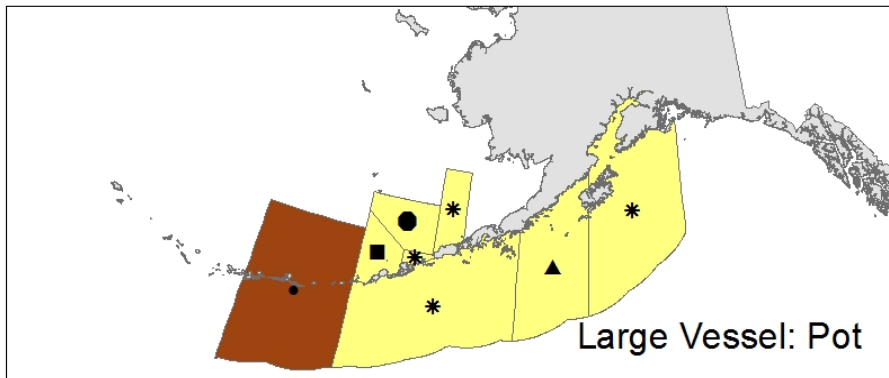
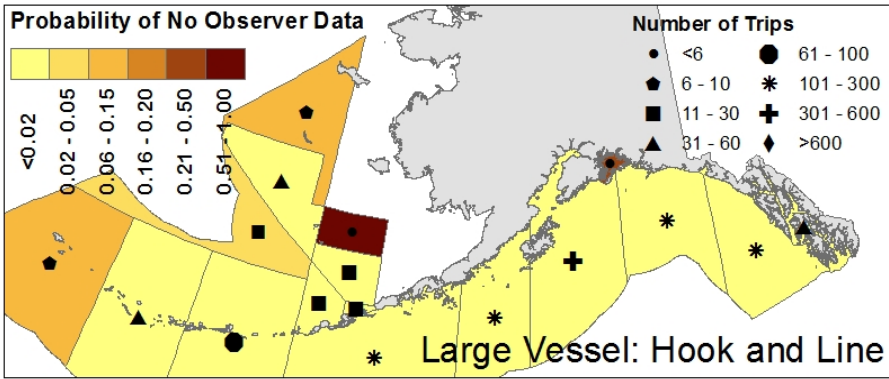
# Annual process: Government & Public (Council)



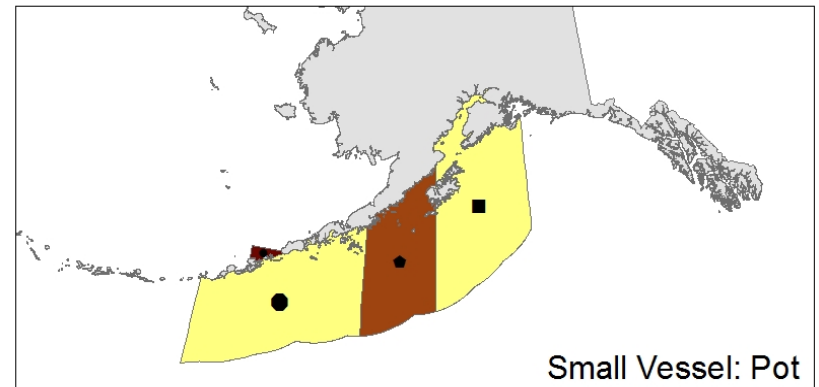
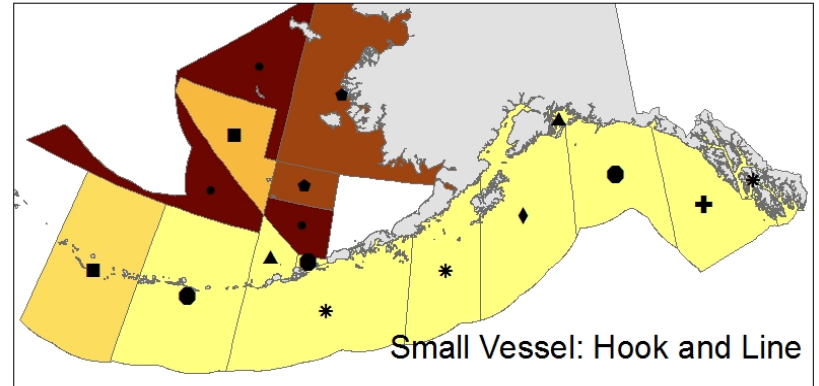
Element	2012	2013	2014	2015 Draft			
AFA pollock CVs and CPs	100%	100% <b>FULL COVERAGE</b>					
A80 BSAI flatfish CPs							
Rockfish Program CV and CPs							
CP Atka BSAI							
CP	0-100% dependent on vessel size	100% with two exceptions					
CV > 125'	100%	<b>PARTIAL COVERAGE</b>					
CV 60-125'	Self-selection: 30% days or gear /quarter + 1 trip/fishery				Randomly selected trips 14.8% (14.5% expected)	Randomly selected trips (16% expected)	Randomly selected trips (23.8% expected)
CV 57.5-60'	(57-60'; 0%)						
CV 40-57.5'	0%	Randomly selected vessels 2 month period 10.6% (11% expected)	Randomly selected vessels 2 month period (12% expected)	Randomly selected trips (12% expected)			
CV < 40'	0%	<b>ZERO COVERAGE</b>					
Halibut fishery	no	yes					
Dockside	Days / month by tons processed to collect delivery information and biological tissues	All pollock deliveries for salmon bycatch genetics 100% BSAI; 73% GOA	Trawl pollock fisheries for salmon bycatch genetics: 100% AFA (A91) and randomly sampled GOA trawl pollock trips				

# What has happened since we last met?

- Council considered alternative conditional release provisions based on vessel size. Based on analyses, the Council did not see any size-based evidence for conditional releases.
- Council adopted a 12% selection for small trip selection and 24% for large trip selection, *however* instructed NMFS to allow releases from coverage if vessels participated in EM or did not have sufficient capacity due to life-raft.
  - EM vessels released = 9
  - Life-raft vessels = 62
  - If all vessels request and obtain a release and all vessels in stratum fish same, the expected impact of these releases is  $\sim (62 + 9) / 438 = 16.2\%$  of frame,
    - Therefore the expected sampling fraction for small trip selection becomes  $0.12 * (1-0.16) = 0.100$  or 10%. *For comparison 7% of this stratum's trips were observed in 2013 (Faunce et al. 2014, NOAA-TM-AFSC-281).*



Good chance of missing NMFS areas in BS for H&L small boats due to low effort and coverage rate



# In one slide:

- Trip-selection is sole method to assign observers to fishing activities.
- Selection rate for former vessel-selection (small-vessel trip-selection) stratum unchanged.
- Selection rate for former trip-selection (large-vessel trip-selection) stratum increased 50% from 2014.
- Zero-selection stratum increased by 10 EM vessels.
- Observers monitor trawl pollock deliveries for salmon bycatch:
  - 100% in A91 (BSAI);
  - at-sea deployment rates in A93 (Gulf)
- Conditional releases considered at start of year for vessels with four-person life raft and predominant history of four person crew



# Observer Declare and Deploy System

Facilitates the assignment of observers to trips belonging to deployment strata based on information known before fishing begins

Developed and tested by  
Paul Packer, Glenn Campbell, Martin Park, Julie Blair, Craig Faunce





# Alaska Fisheries Science Center

NATIONAL MARINE FISHERIES SERVICE - NOAA FISHERIES

- ODDs FAQ
- My Requirements
- Trip Login
- Vessel Selection Survey
- IFQ Account Balance
- Contacts

Thank you for visiting the NMFS Observer Declare and Deploy System.

\*\*\*\* **New** \*\*\*\*

See what is changing for 2014 [click here](#).

On September 11, 2014, NMFS determined which boats in the vessel-selection pool are required to carry observers from November 1, 2014 to December 31, 2014 .

For vessel-selection questions about the observer program [click here](#).

\*\*\*\*\*

The annual sampling plan for the 2013 observer program was determined in the Fall of 2012. This system reflects that plan.

Click the "My requirements" button to see what type of observer coverage is required for your vessel.

If your vessel is in "trip selection", click the "Trip Login" button to maintain your account and fishing trips using the username and password provided to you by mail.

If your vessel is in "vessel selection", use the "Vessel Selection Survey" button to fill out your initial survey on Electronic monitoring and to provide us with information about your boat using the username and password provided to you by mail.

For more information or for answers to your questions, please click the "ODDs FAQ" or "Contacts" buttons.

Thank you for your participation.

2013-present:  
8,995 trips logged by 344 vessels.







- ODDS Login
- Life Raft Capacity Release Request
- IFQ Account Balance
- ODDS FAQ
- Contacts

2015:  
782 vessels expected to use ODDS.

Thank you for visiting the NMFS Observer Declare and Deploy System.

\*\*\* New \*\*\*

## DEV ODDS for 2015

Strata for 2014 modified to look like the strata for 2015 for test purposes

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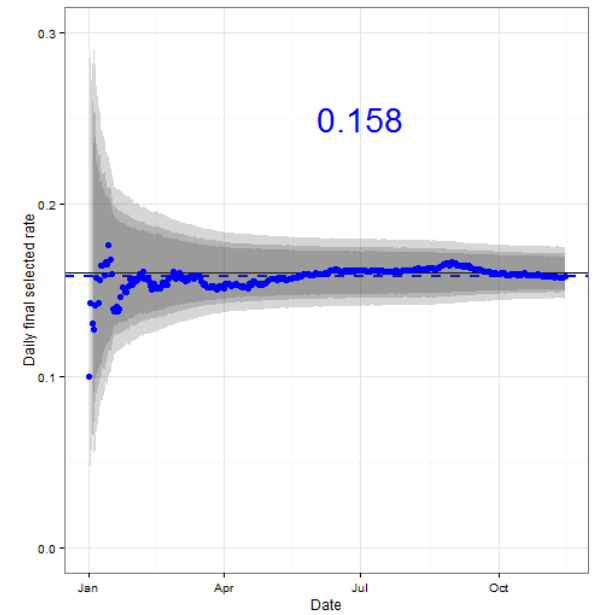
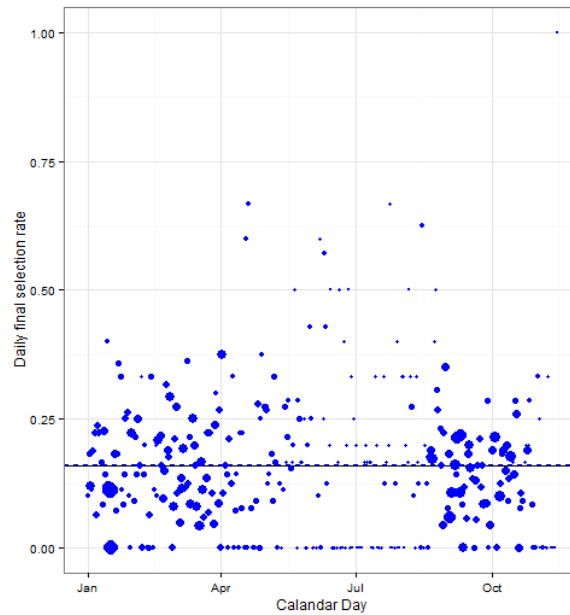
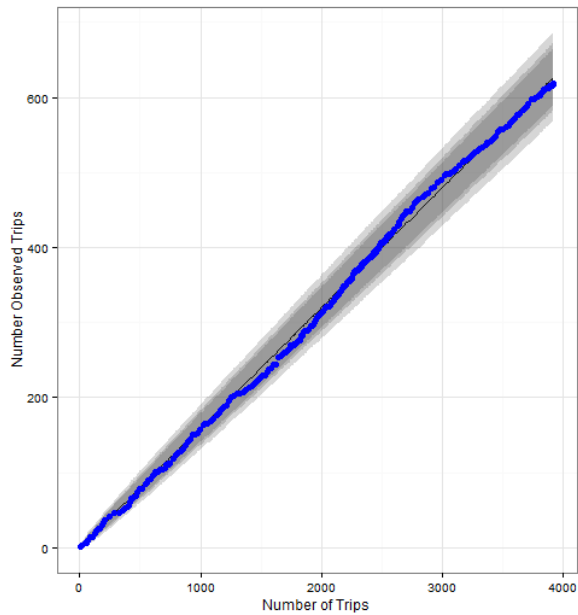
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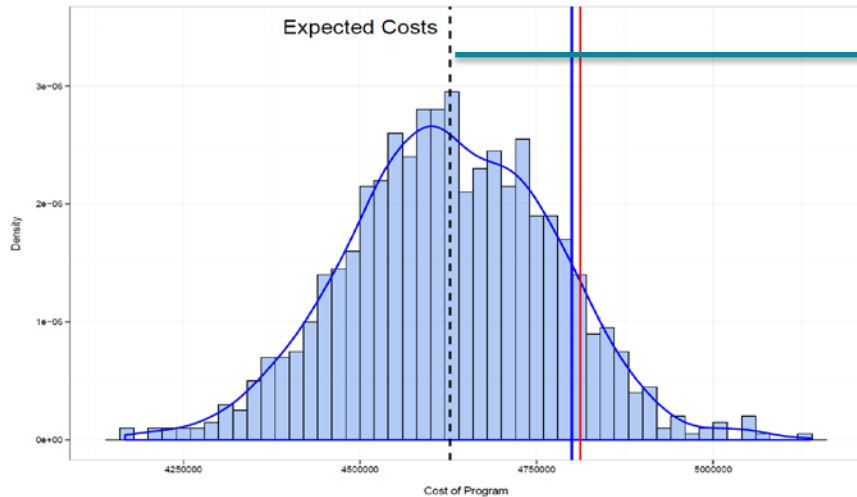
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# Bonus: 2014 Trip-selection performance

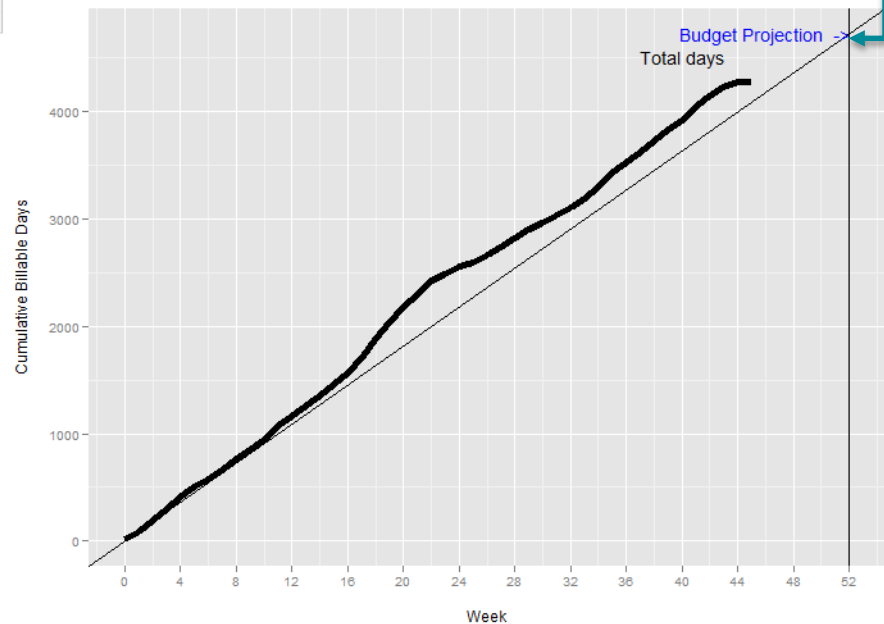


2014 selection rate (0.158) is very close to the programmed selection rate of 0.160

# Bonus: 2014 Trip-selection performance



Costs to-date are within  
10% of ADP estimate  
of 4,718 days



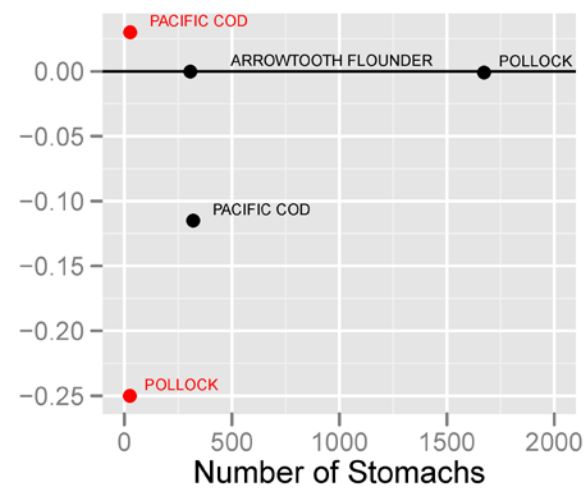
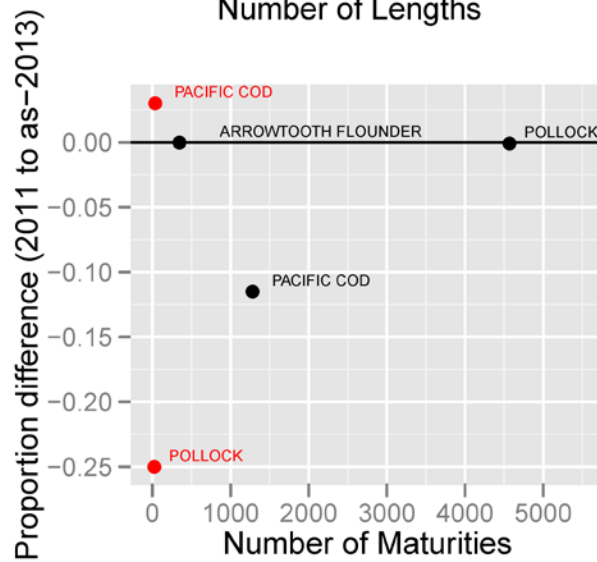
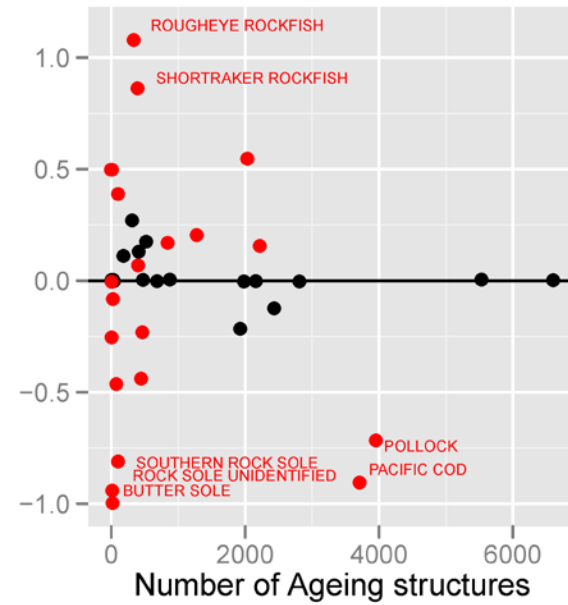
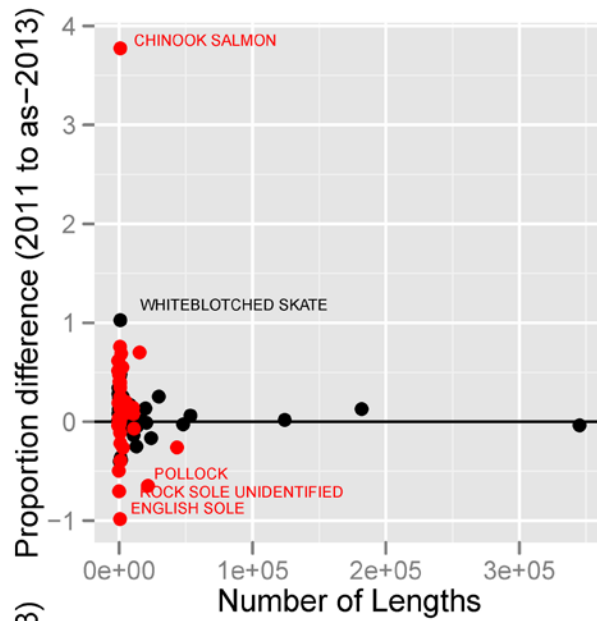


For more information:

<http://alaskafisheries.noaa.gov/sustainablefisheries/observers/default.htm>



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FMP: ● BSAI ● GOA

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