

BSAI octopus and squid

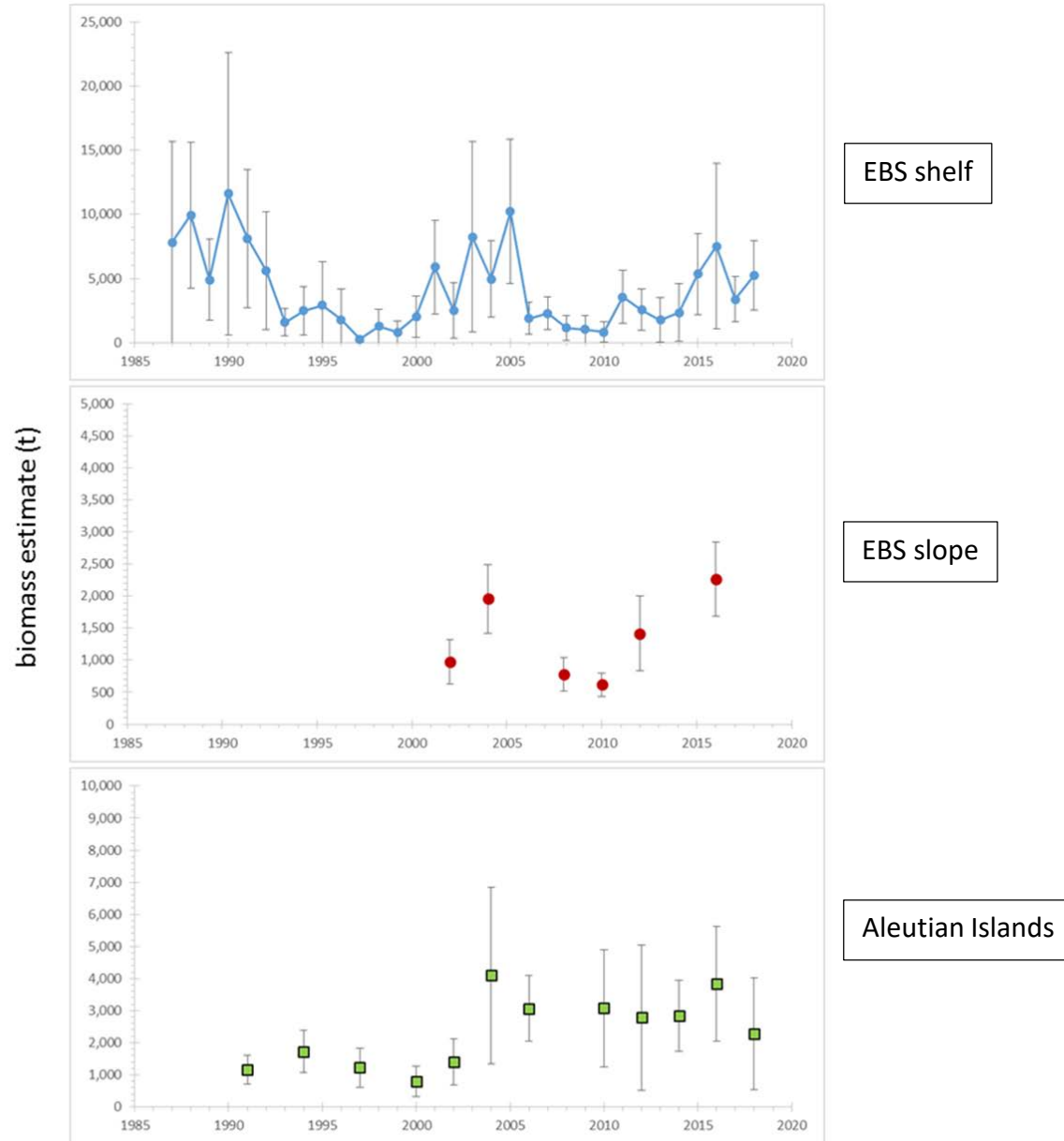


**Olav A. Ormseth
Alaska Fisheries Science Center
NPFMC Groundfish Plan Team meeting, November 2018**

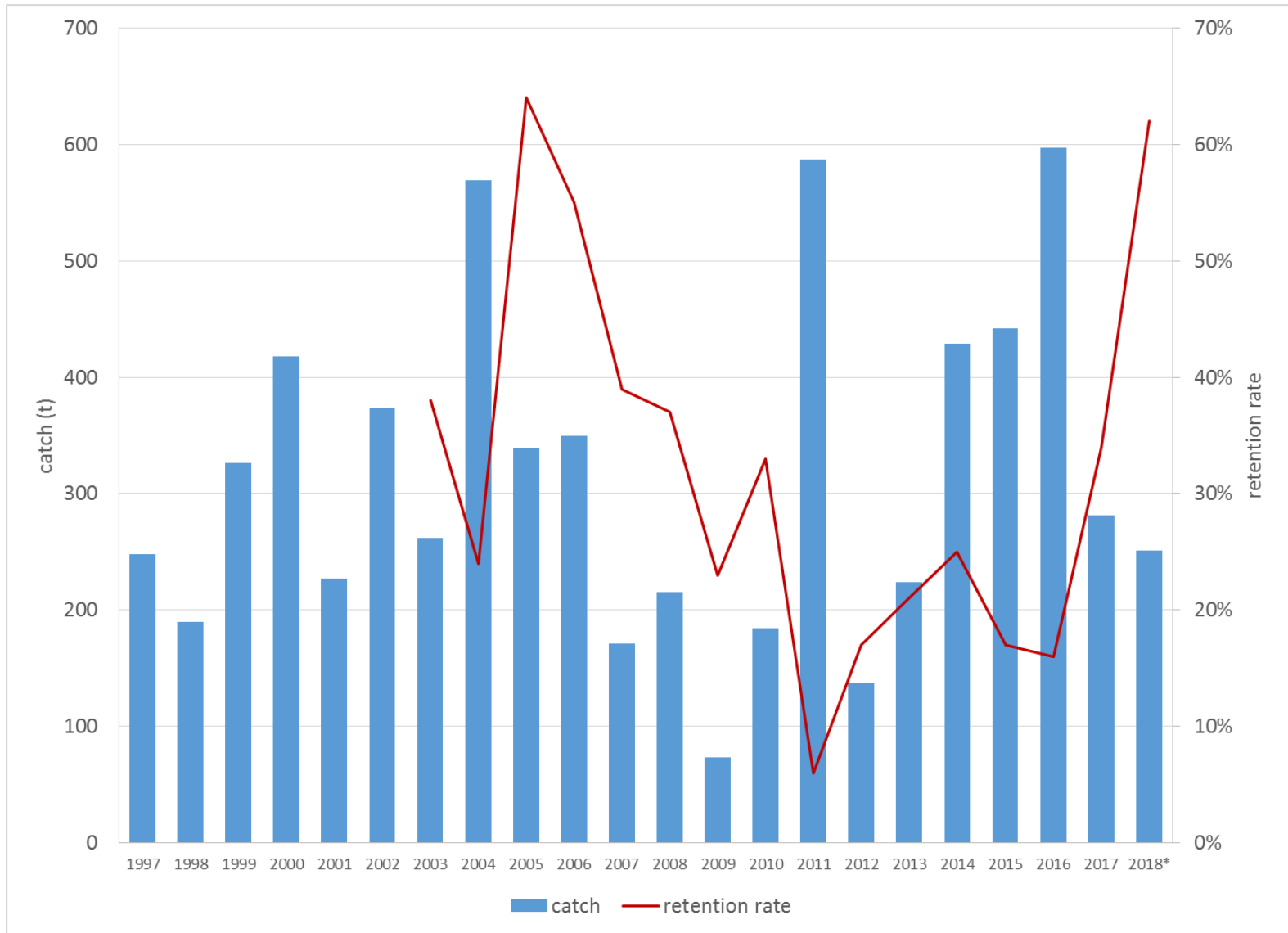
overview

- **octopus biomass & catch**
- **octopus harvest recommendations**
- **squid management changes**
- **squid catch**

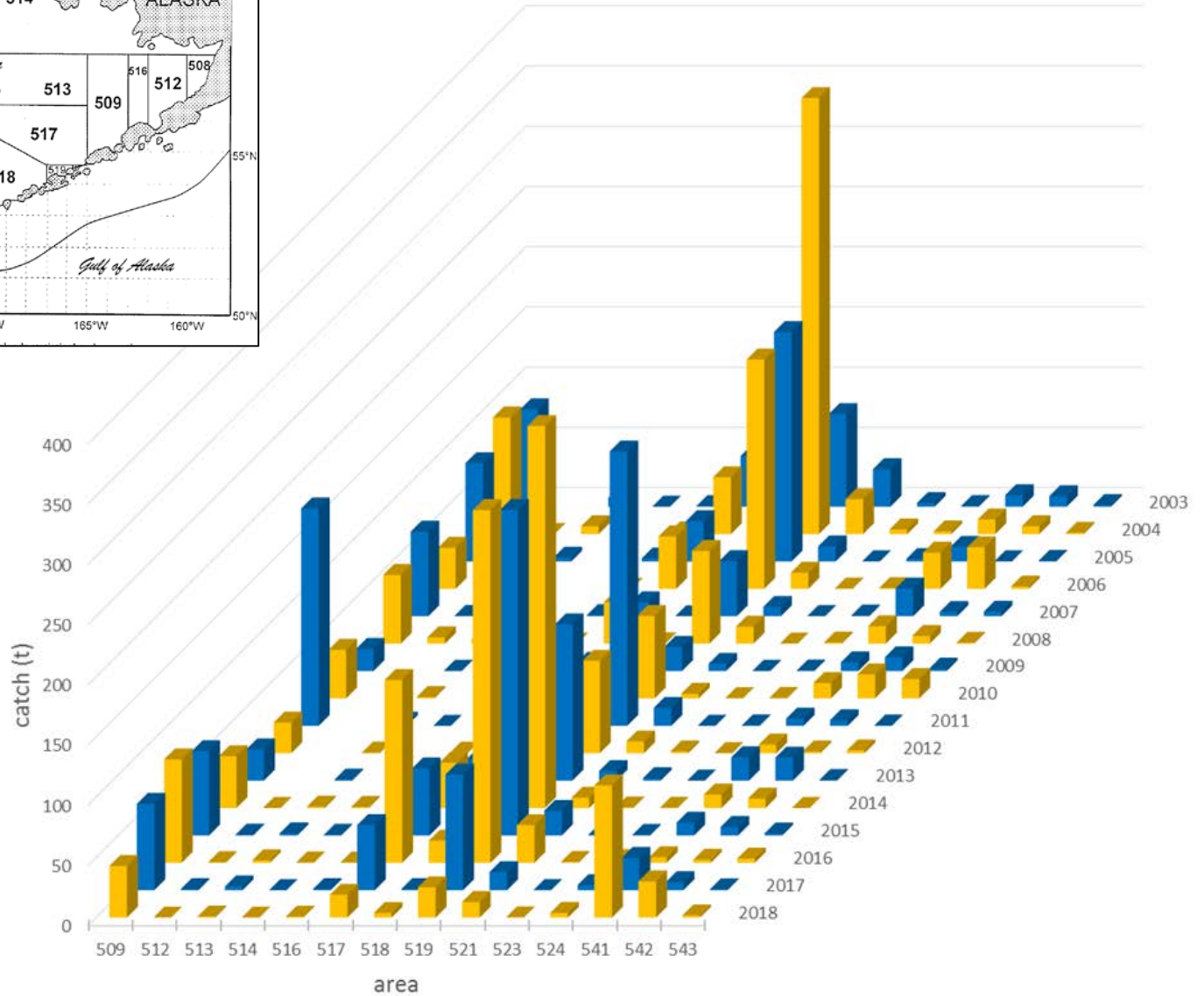
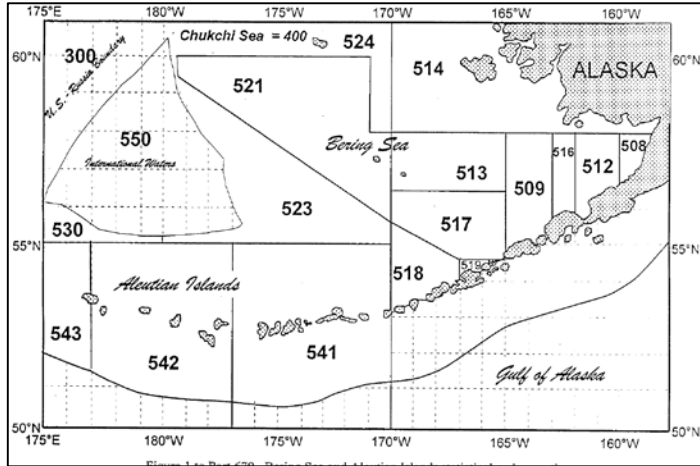
octopus survey biomass estimates (all species)



octopus catch & retention



octopus catch by area



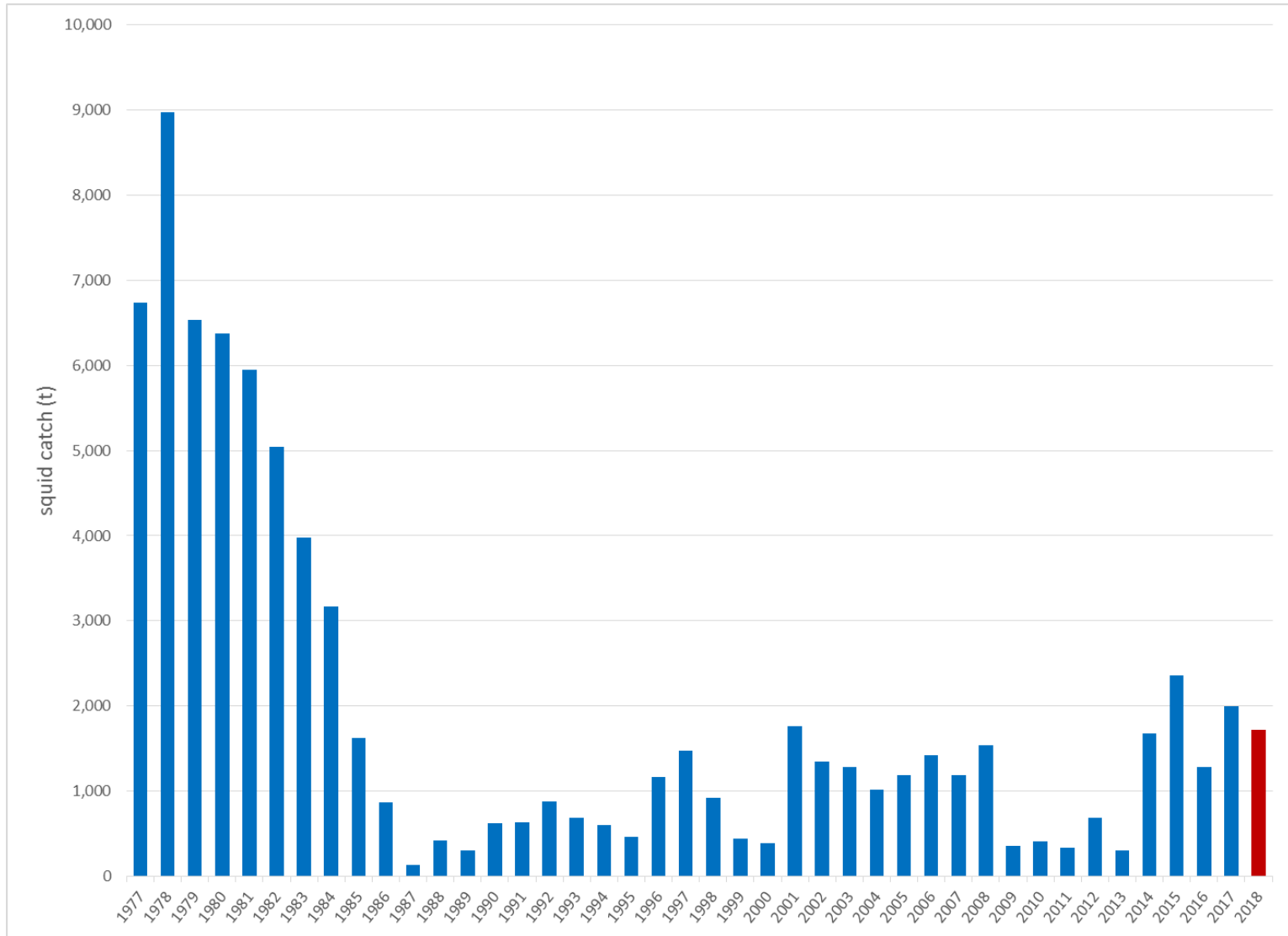
octopus harvest recommendations (identical to 2016)

Quantity	As estimated or <i>specified in 2016</i> for:		As estimated or <i>recommended this year</i> for:	
	2017	2018	2019	2020
Tier 6 (consumption estimate)				
OFL (t)	4,769	4,769	4,769	4,769
ABC (t)	3,576	3,576	3,576	3,576
Status	As determined <i>in 2016</i> for:		As determined <i>this year</i> for:	
	2015	2016	2017	2018
Overfishing	n/a	n/a	n/a	n/a

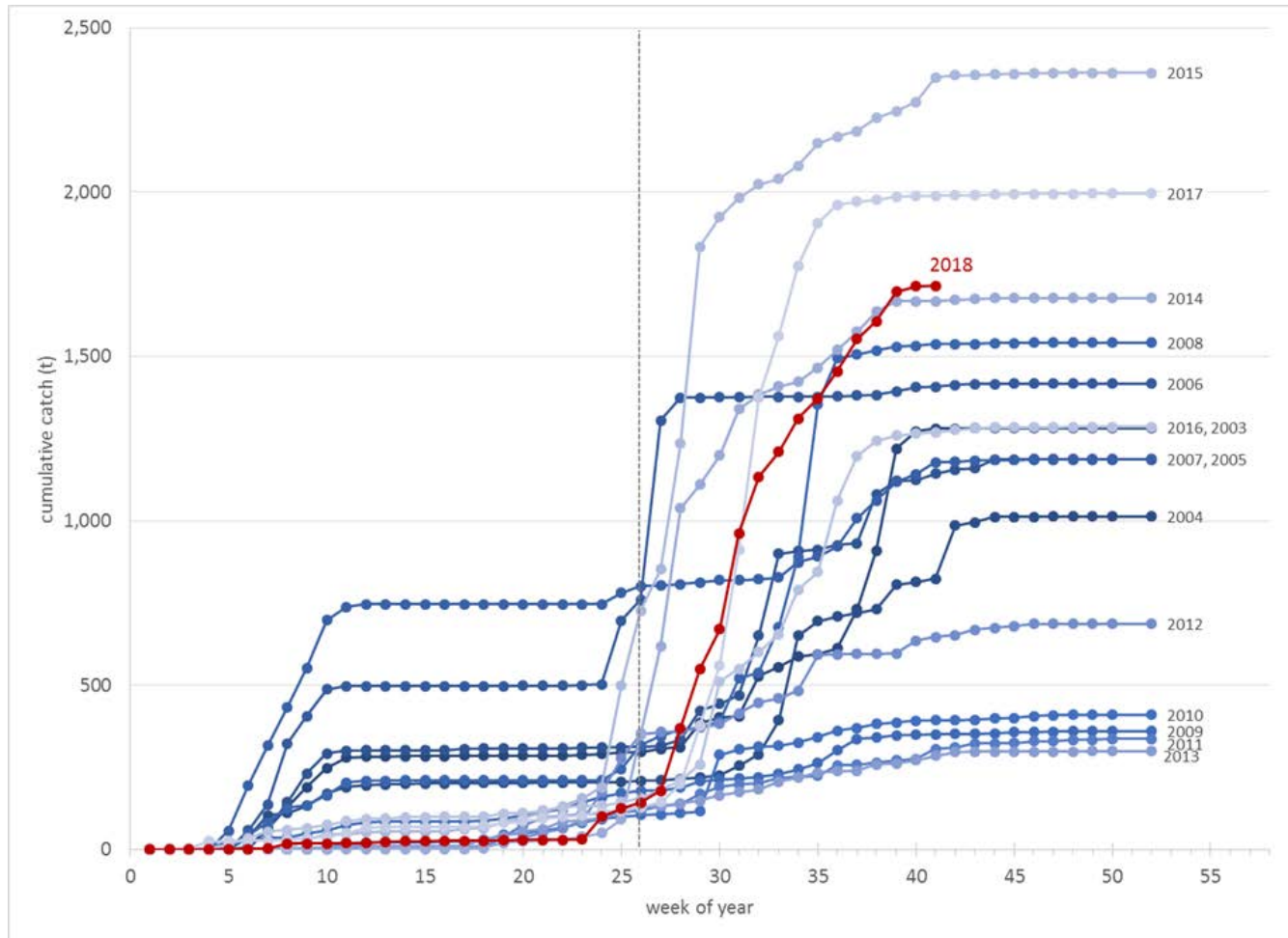
squid management changes

- Amendment 117 to BSAI FMP implemented effective August 8, 2018:
 - place squids in the Ecosystem Component category of the FMP
 - prohibit directed fishing for squid
 - establish a 20% maximum retention allowance (MRA)
 - retain recordkeeping and recording requirements
- will affect harvest specifications beginning in 2019 (i.e., none)
- suggest squid reporting in forage species document

squid catch 1977-2018




squid catch – seasonal patterns



- seasonal patterns associated with pollock seasons, squid spatial closures
- will squid catches increase with no specs?

extra: cosmic origins for cephalopods?

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SCIENCE

International group of scientists suggest that octopuses might actually be aliens

Mike Wehner @MikeWehner
May 17th, 2016 at 2:56 PM

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