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Pacific Islands  
Regional Office

# False Killer Whale Observed Interactions 2013-present

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# Hawaii Longline Observer Coverage

Year	Deep-set	Shallow-set
2009	20.6% (251 trips)	100% (104 trips)
2010	21.1% (257 trips)	100% (104 trips)
2011	20.3% (256 trips)	100% (82 trips)
2012	20.4% (267 trips)	100% (72 trips)
2013	20.4% (272 trips)	100% (53 trips)
2014	20.8% (271 trips)	100% (75 trips)

# Observed Interactions and Injury Determinations

- Deep-set: observed false killer whale & blackfish interactions

	Inside EEZ				Outside EEZ				Total PC+BF
	D	SI	NSI	CBD	D	SI	NSI	CBD	
2009		3			1	6			10
2010		3	1			1			5
2011		3		1			1		5
2012		2		1		1			4
2013		1				1	2		4
2014		1		1		8*	1*		11
2015**						1*			1

\*Preliminary injury determinations

\*\* As of April 24, 2015

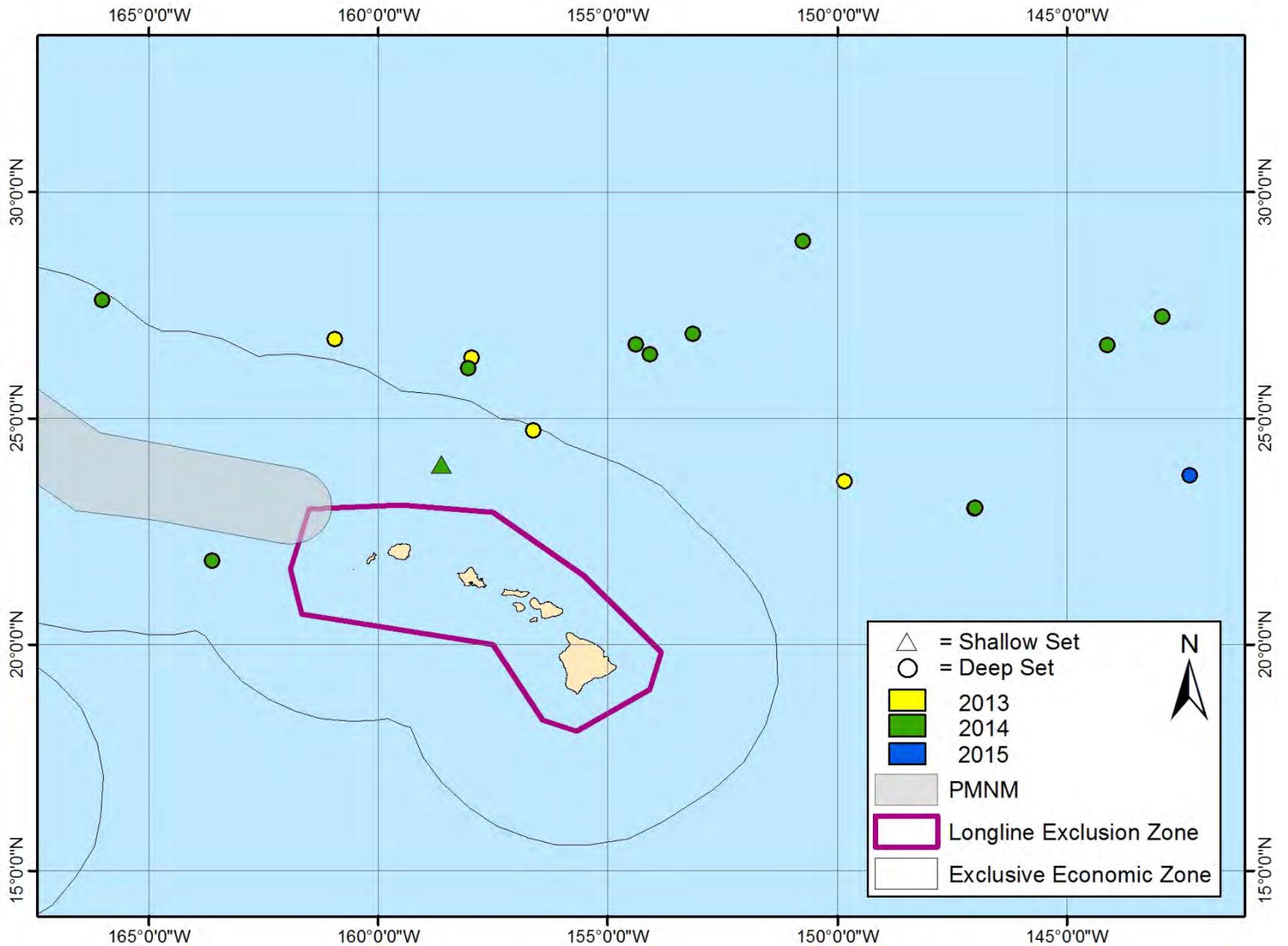
# Observed Interactions and Injury Determinations

- Shallow-set: observed false killer whale & blackfish interactions

	Inside EEZ				Outside EEZ				Total PC+BF
	D	SI	NSI	CBD	D	SI	NSI	CBD	
2009		1							1
2010									0
2011			1			1			2
2012				1					1
2013									0
2014			1*						1
2015**									0

\*Preliminary injury determination

\*\* As of April 24, 2015



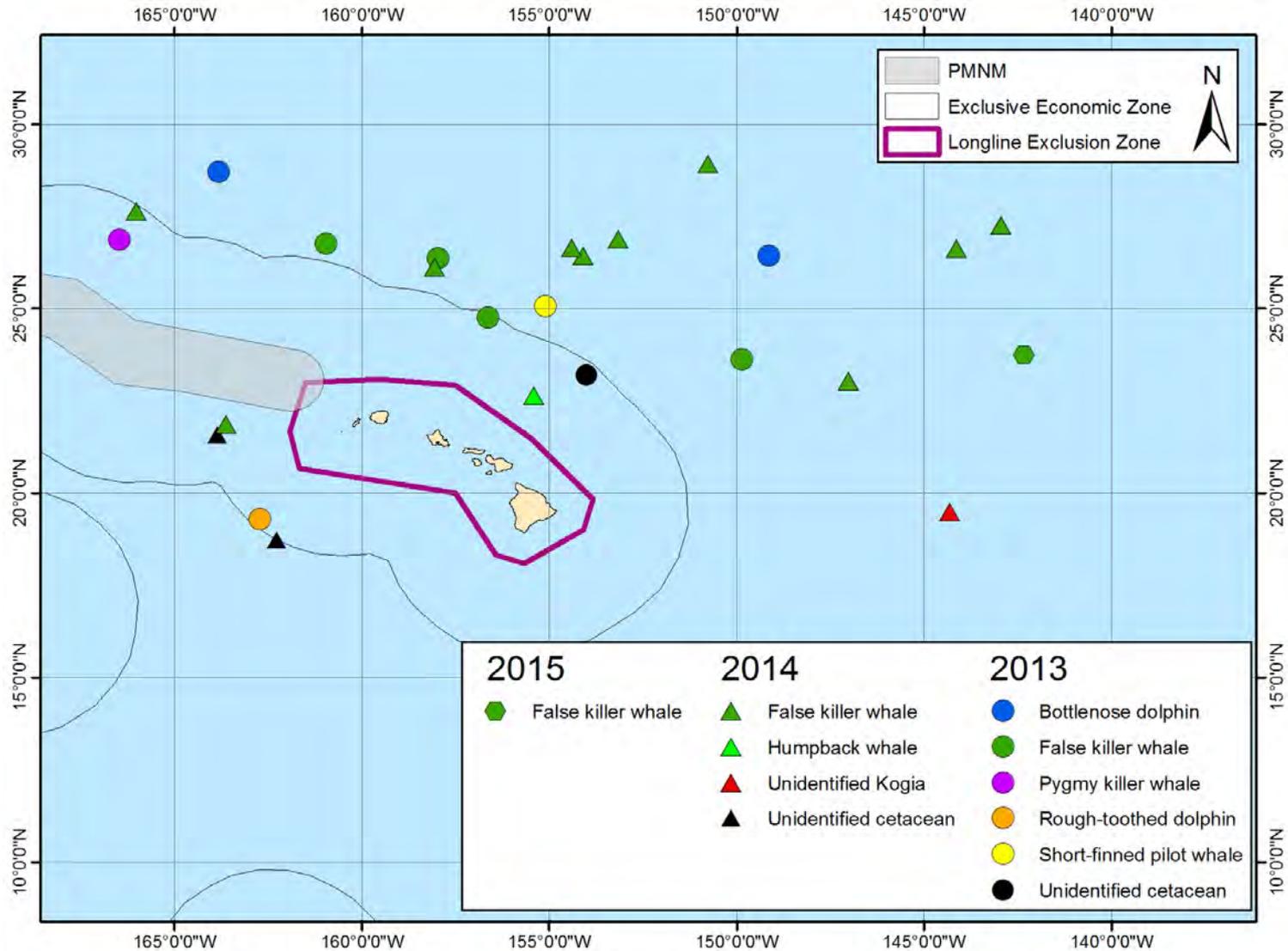
# Observed Takes of Other Marine Mammals

# Deep-set Longline Observed Interactions

Marine mammals other than false killer whale and blackfish: \* As of April 24, 2015

Species	2009	2010	2011	2012	2013	2014	2015*
Bottlenose dolphin	1	1			2		
Humpback whale						1	
Pygmy killer whale					1		
Risso's dolphin		1					
Rough-toothed dolphin					1		
Short-finned pilot whale					1		
Sperm whale			1				
Striped dolphin			1				
Unidentified cetacean (not incl. blackfish)	3	2		1	1	2	
Unidentified Kogia						1	

# Deep-set Longline 2013-2015\* All Observed Interactions



# Shallow-set Longline Observed Interactions (100% coverage)

Marine mammals other than false killer whale and blackfish: \* As of April 24, 2015

Species	2009	2010	2011	2012	2013	2014	2015*
Blainville's beaked whale			1				
Bottlenose dolphin		2	2	1	2	4	1
Humpback whale			1				1
Mesoplodont beaked whale			1		1		
Northern elephant seal					1	1	
Risso's dolphin	3	7	4		3	6	2
Rough-toothed dolphin					1		
Short-beaked common dolphin			1			1	
Striped dolphin		2		1		2	
Unidentified beaked whale					1		1
Unidentified cetacean (not incl. blackfish)	1	1	1	1			1
Unidentified sea lion						1	

# Observed Takes of Sea Turtles & Seabirds

# Deep-set Longline Observed Interactions

	2009	2010	2011	2012	2013	2014	2015*
Leatherback	1	1	3	1	3	7	3
Loggerhead		1			2		1
Olive ridley	4	4	7	6	9	8	6
Green		1	1		1	3	
Unid. hard shell							
Black-footed albatross	18	39	32	30	48	13	Data Not Yet Avail.
Laysan albatross	23	17	13	35	50	32	
Unid shearwater	4	1	3	6	8	1	
Sooty shearwater				1			

\* As of April 24, 2015

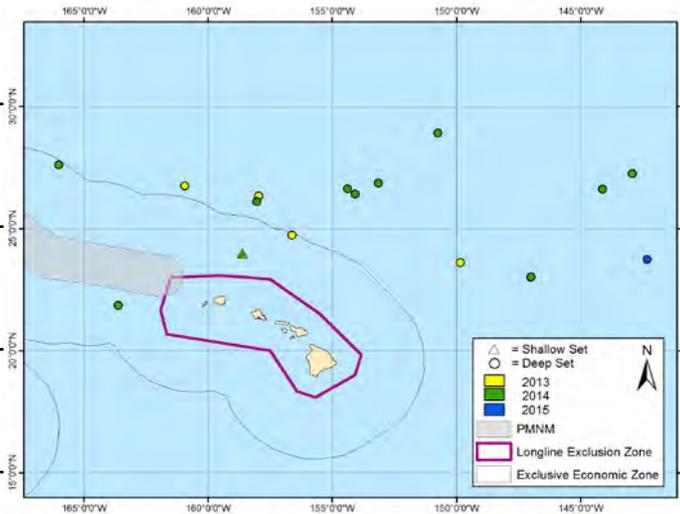
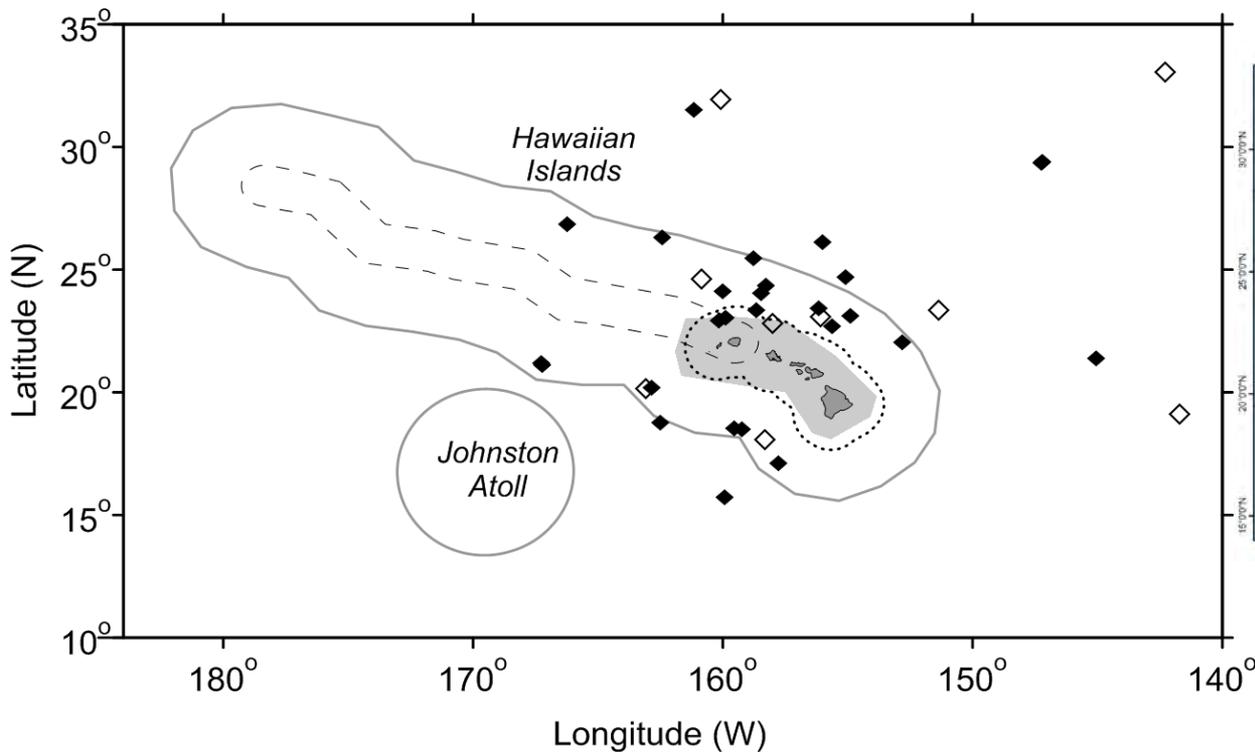
## Shallow-set Longline Observed Interactions (100% coverage)

	2009	2010	2011	2012	2013	2014	2015*
Leatherback	9	7	17	7	7	19	3
Loggerhead	3	5	14	5	5	13	11
Olive ridley						1	
Green	1		4			1	
Unid. hard shell					1	1	
Black-footed albatross	81	40	49	61	46	36	Data Not Yet Avail.
Laysan albatross	29	39	19	37	28	29	
Unid shearwater	1				2	1	
Northern fulmar		1					

\* As of April 24, 2015



# Comparison: 2008-2012 and 2013-2015\* Observed False Killer Whale and Blackfish Takes



\* As of April 24, 2015