

Shortspine Thornyheads (SST) – Tagging Summary



“...the Team requests a summary of the thornyhead rockfish tagging data be presented at the September 2016 Plan Team meeting so that it may be considered for the next full assessment.” (GOA Plan Team, November 2015)

“...The PT also recommended that the author examine the tagging data. The SSC concurs with these suggestions.” (SSC, December 2015)

SST- Tagging Summary: Releases



- Tag Releases:
 - Began in 1992, not consistent until 1997
 - All SST on designated tag skates on the NMFS LL Survey are tagged
 - ~5% of the LL survey catch of SST
 - ~500-1,000 SST/yr
 - 13,694 Floy tags released
 - 203 electronic archival tags released (2003, 2004, & 2006)



SST- Tagging Summary: Recoveries

- Tag Recoveries:
 - 226 Floy tags recovered
 - 2 archival tags recovered



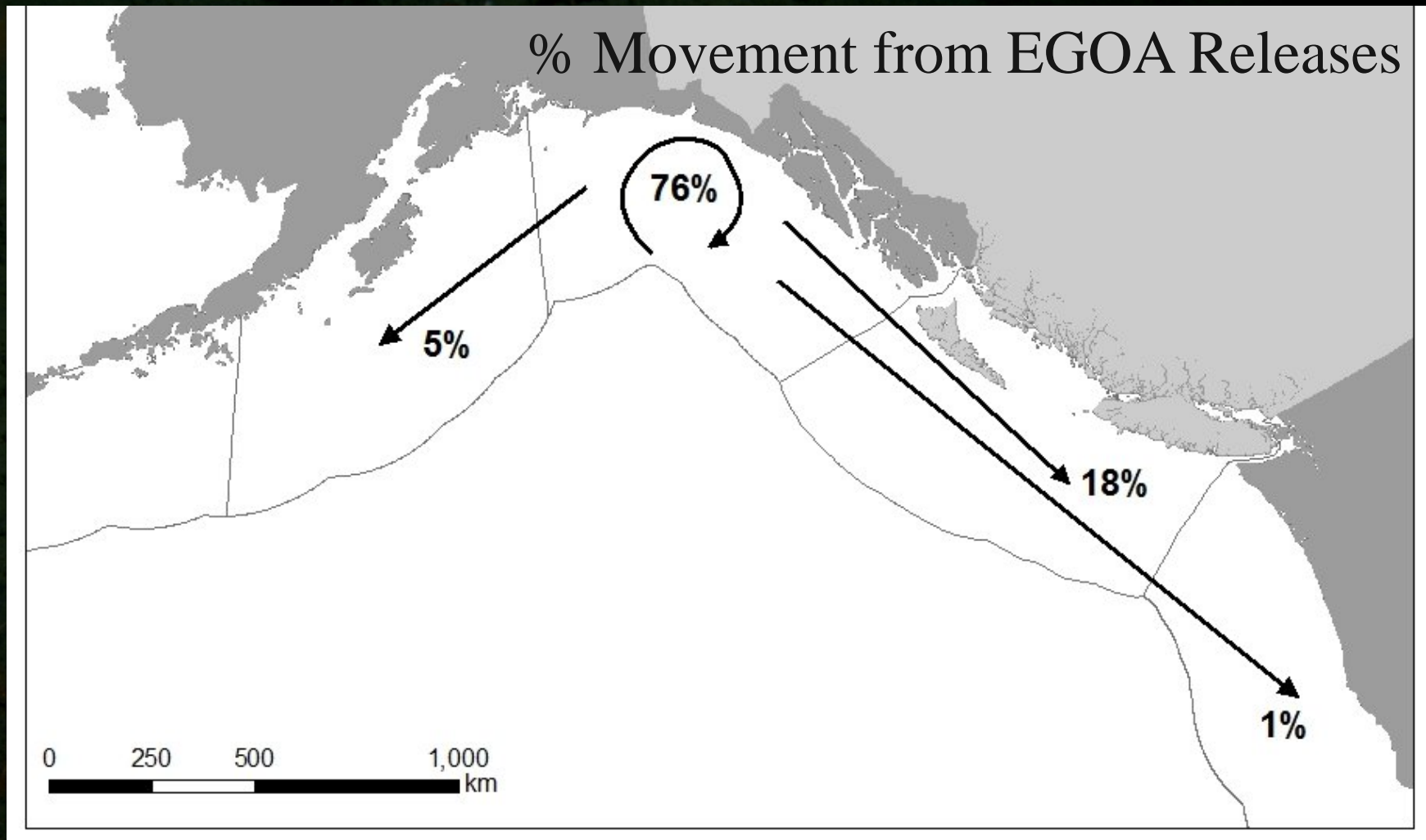
SST- Tagging Summary: Movement



	Recovery Area						
Release Area	AI	EBS	WGOA	CGOA	EGOA	BC	WC
AI	75%	25%					
EBS		100%					
WGOA			94%	6%			
CGOA			1%	90%	6%	3%	
EGOA				5%	76%	18%	1%

Only fish with position accuracy code of 1 are included in this analysis.

SST- Tagging Summary: Movement



SST- Tagging Summary: Movement



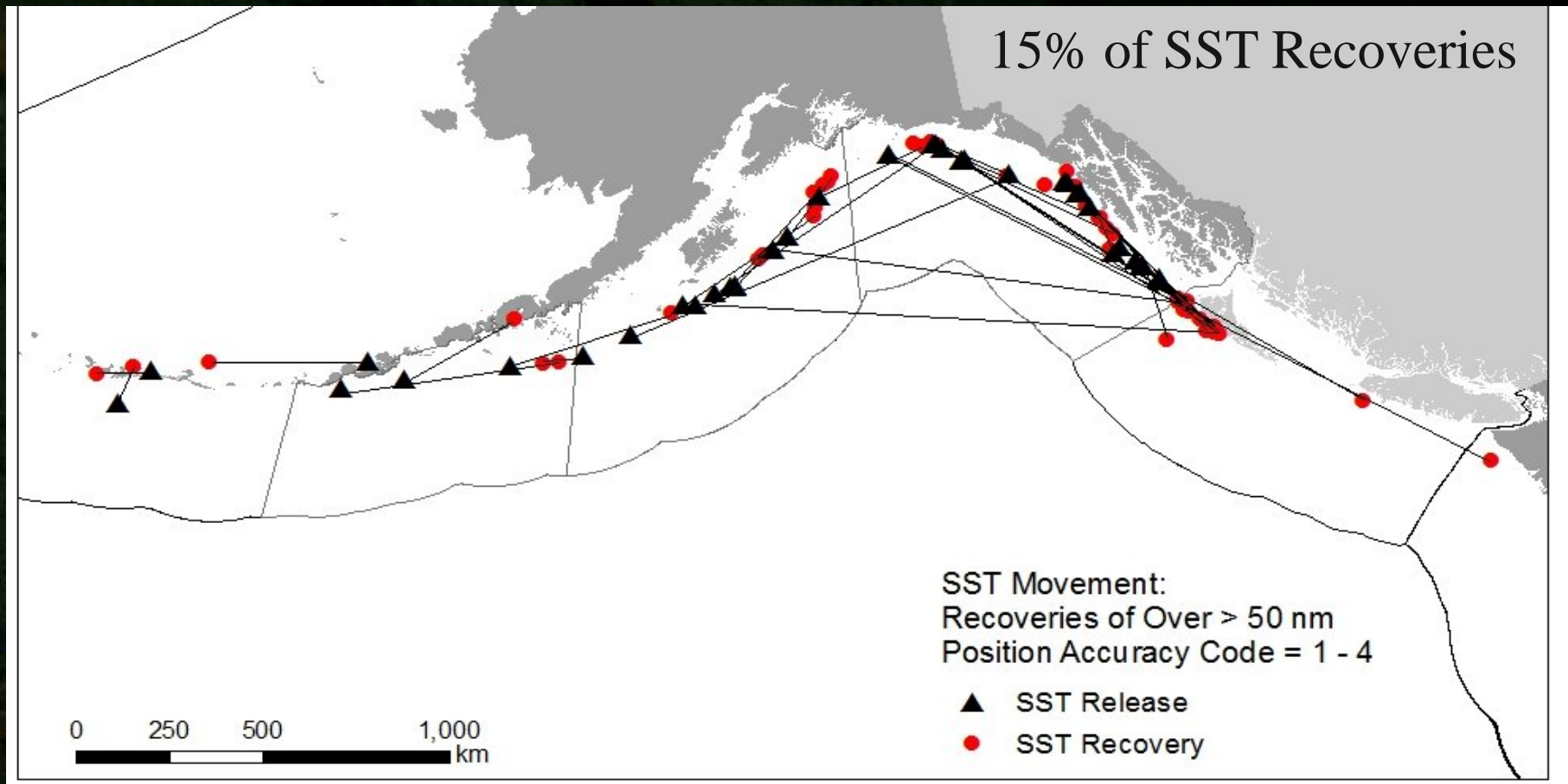
	Min Distance	Max Distance	Avg Distance
Male	0.7	594	49
Female	0.3	503	44
Unknown	0.6	990	43

Only fish with position accuracy code of 1 are included in this analysis.

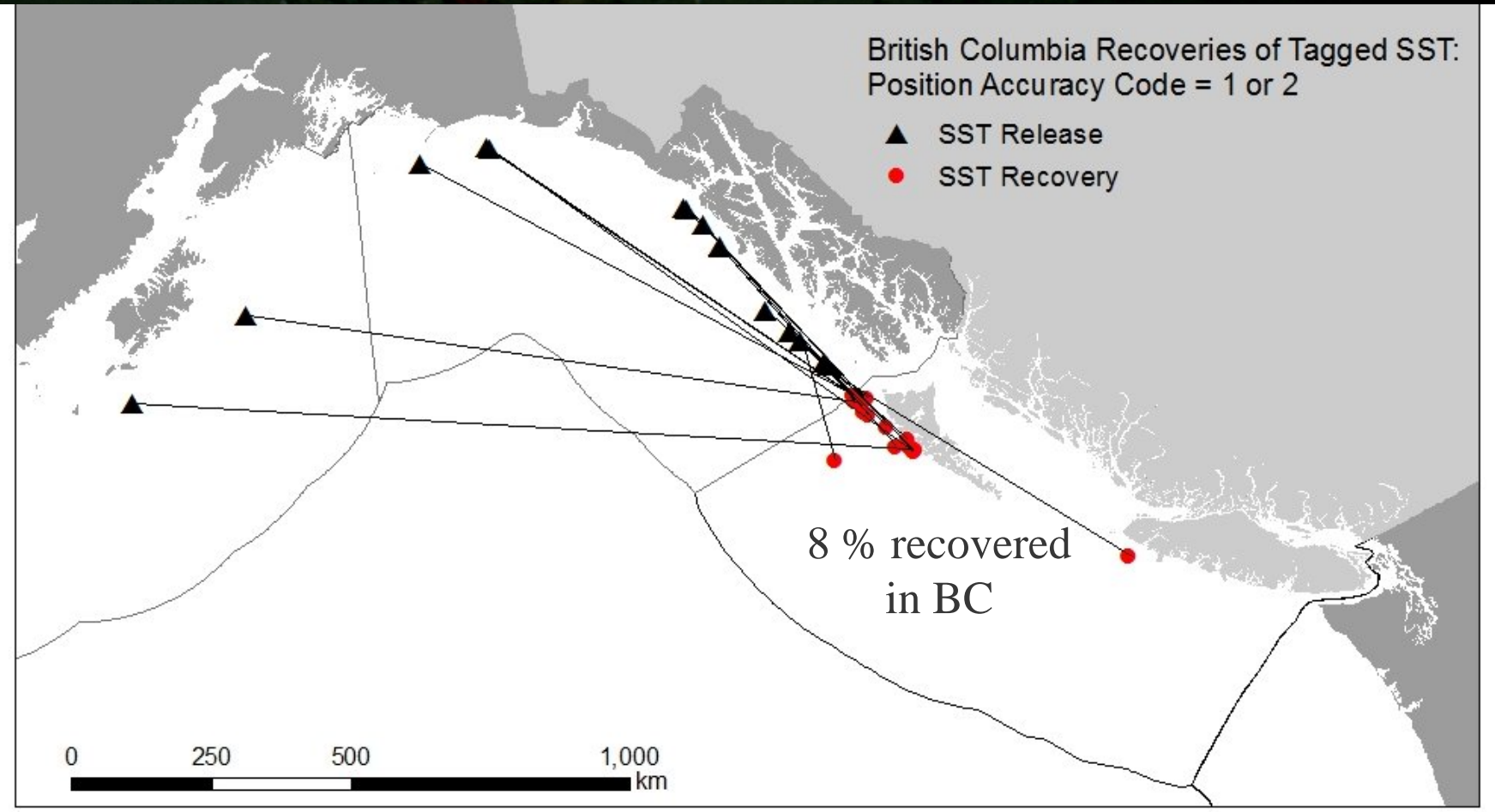
SST- Tagging Summary: Movement



15% of SST Recoveries



SST- Tagging Summary: Movement



REWARD

FOR TAGGED SHORTSPINE THORNYHEAD



The U.S. National Marine Fisheries Service Auke Bay Laboratory in Juneau, AK tags shortspine thornyhead ("idiots") in the Gulf of Alaska, Bering Sea and Aleutian Islands in order to study distribution and migration.

Tags are yellow and are usually located below the dorsal fin on the left side of the fish. In addition, "idiots" are being tagged with $\frac{3}{4}$ inch diameter x $2 \frac{1}{4}$ inch long electronic tags placed inside the fish with a 3 inch long fluorescent green and pink tag located near the dorsal fin of the fish. The external tag reads – "Reward for Depth Sensor Inside Fish." These electronic tags are worth monetary rewards of up to \$200 if returned.

Postage-paid envelopes are available in most areas. For a reward and information on the tagged fish, please send tags with as much of the following information as possible:

Name of vessel
Location of recovery
Fork length (from tip of snout to fork in tail)
Depth fished

Date of recovery
Sex of the fish
Round weight
Type of gear

Groundfish Tag Program
NOAA/NMFS Auke Bay Laboratories
17109 Pt. Lena Loop Rd.
Juneau, AK 99801