

CPUE Study

- Contract 3 local crab fishermen
- Sample every other week
 - ~10-30% of the gear are TED traps
 - TEDs are 2 x 6 inches made of stiff wire



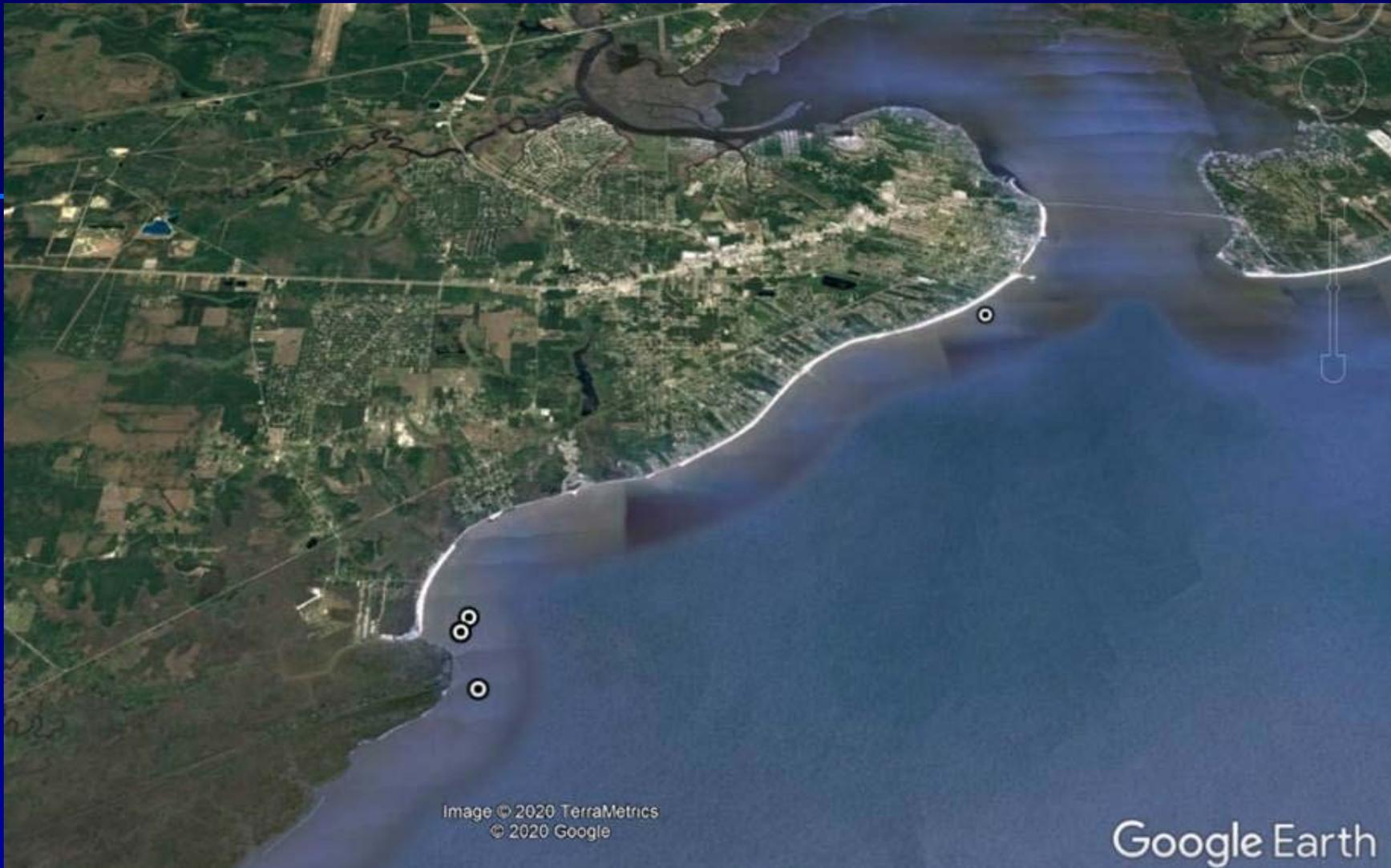


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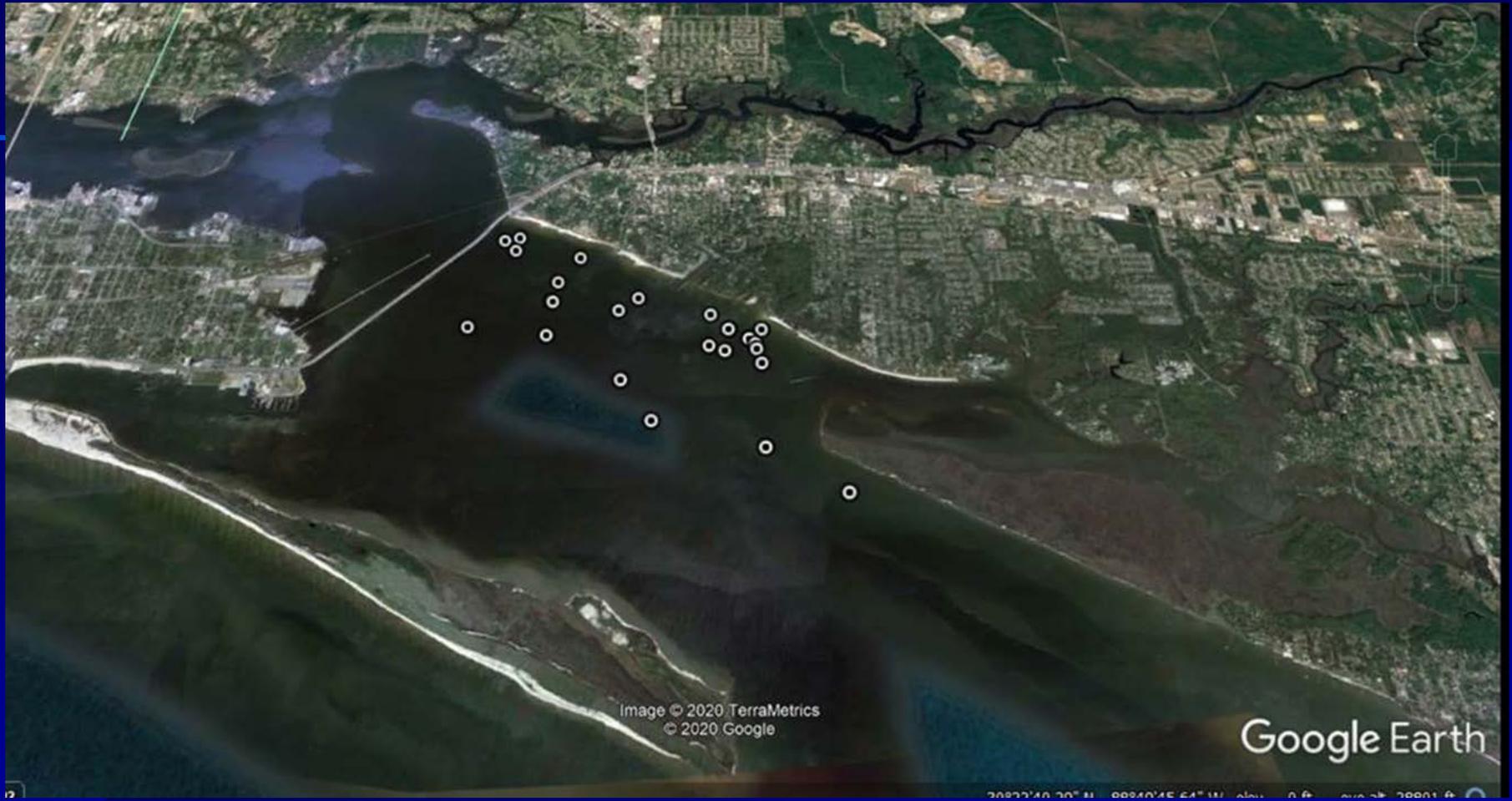


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2022°40' 20" N 89340'15 64" W, elev: 0 ft, cur alt: 28901 ft



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Evaluation of Turtle Excluder Devices (TEDs)

- Results cover data from May – December 2007
- NO Diamondback Terrapins were collected from any trap in this study
- Catch per unit effort (CPUE) = crabs·trap⁻¹·day⁻¹
- On average, the TED traps collected fewer non-harvestable crabs (sublegal and ovigerous crabs) than did standard traps

CPUE

	Standard Traps	TED Traps
Crab Type		
Sublegal Crab	1.55	1.40
Sponge Crab	0.66	0.60
Legal Crab	5.20	5.19
TOTAL	7.39	7.18

Evaluation of Turtle Excluder Devices (TEDs)

- Sex (legal crabs)
 - Males
 - More in TED traps
 - Females
 - More in Standard traps

	CPUE	
	Standard Traps	TED Traps
Males	1.52	1.77
Females	3.67	3.40

- Size (carapace width)
 - All Crabs
 - Larger in TED traps
 - Legal Crabs
 - Larger in TED traps

	Carapace Width (mm)	
	Standard Traps	TED Traps
All Crabs	146.4	150.5
Legal Crabs	154.6	155.5

Summary

- TEDs have no affect on the crab catch or sex
- TEDs may have an influence on crab size
 - TED traps catch larger crabs



