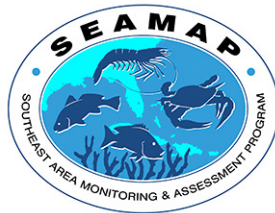


SEAMAP surveys in Texas

Texas Parks and Wildlife Department
Coastal Fisheries Division

October 17, 2023
New Orleans, LA



Bottom Longline Survey

- ▶ 28 – 30 stations per year on Statistical Zones 17 to 21.
- ▶ Three seasons (Apr-May, Jun-Jul, Aug-Sep).
- ▶ Four vessels stationed along the coast (Seabrook, Port O'Connor, Rockport, Port Isabel).
- ▶ Collaboration with Texas A&M – Galveston (two stations/year, Stat Zone 17).

Bottom Longline Survey



Reef Fish Video Survey

- ▶ 8 – 16 stations per year on Statistical Zones 19 to 21.
- ▶ Sampling Mar-Oct.
- ▶ Four vessels stationed along the coast (Seabrook, Port O'Connor, Rockport, Port Isabel).
- ▶ Potential collaboration with Texas A&M-Corpus Christi/Harte Research Institute.

Reef Fish Video Survey

- ▶ Camera array used by TAMU-CC/HRI.
- ▶ Two GoPro 11 cameras.
- ▶ Total weight approx. 60 lb.
- ▶ Deployed with bandit reel.



Habitat Mapping Survey

- ▶ 12 – 16 stations per year on Statistical Zones 19 to 21 (depending on area).
- ▶ Sampling Mar-Oct.
- ▶ Four vessels stationed along the coast (Seabrook, Port O'Connor, Rockport, Port Isabel).
- ▶ Side scan sonar purchased last year.

Habitat Mapping Survey

- ▶ Internal meetings to discuss participation and collaboration with our Habitat Assessment Team.
- ▶ Sent staff onboard NOAA's Southern Journey last August.
- ▶ Winch for deployment still an issue.

Habitat Mapping Survey





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