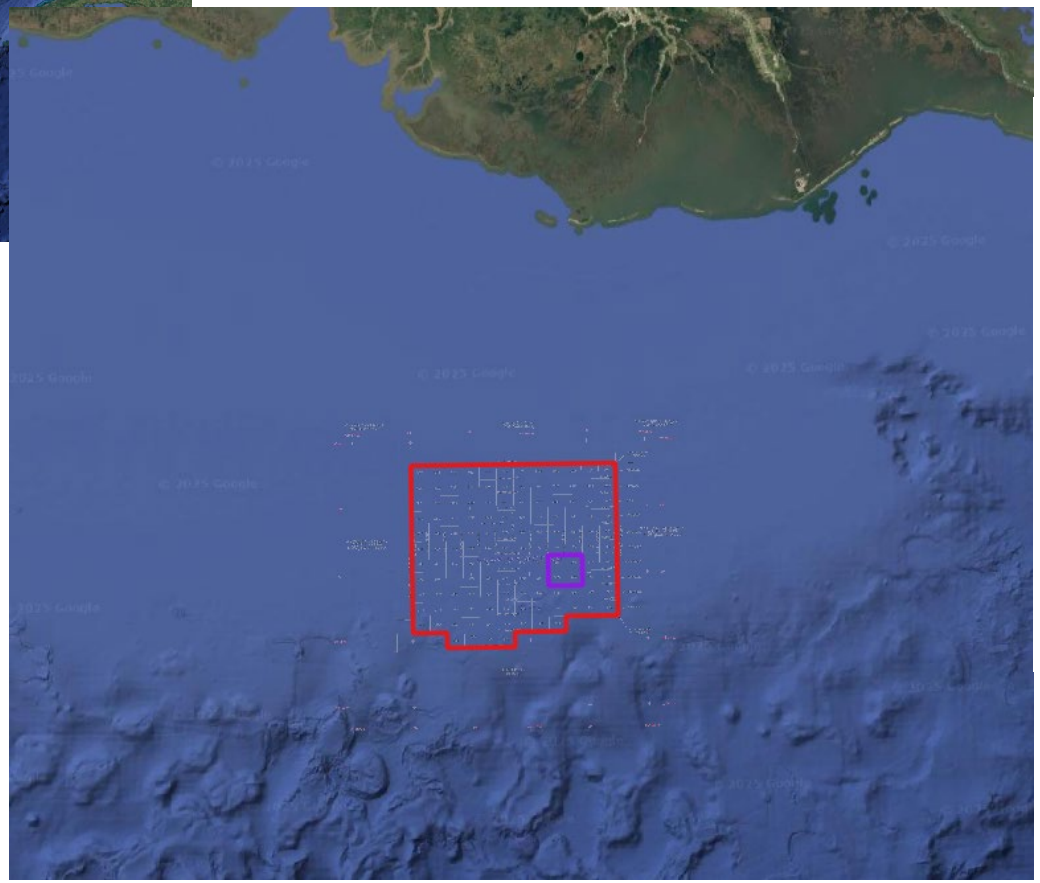
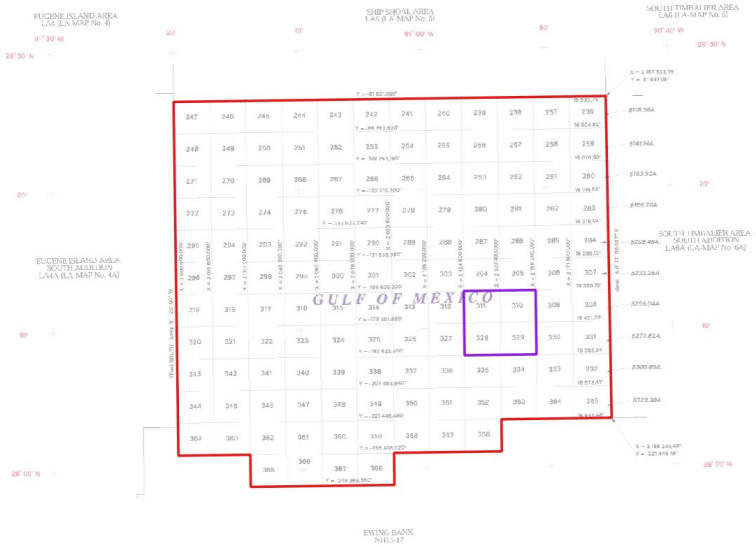
Seismic Survey Source Emission Parameters

Parameter	Phase 1	Phase 2
Total shooting duration (hrs)	45	17
Vessel speed (knots)	4.5	3.5
Shot point interval (meters)	25	150
Estimated number of shots	~15,000	~735
Source volume (cu.in.)	210	2450
Pulse Duration (s)	0.040	0.350
Peak Frequency	~50–150 Hz	~2-60Hz
Active Emission Time (hrs)	**~0.166 (~10 min)**	**~0.06 (~3.6 min)**
Shot frequency (approx.)	~5.5 shots/min	~0.61 shots/min

Although the total duration of survey activities spans several days, the actual acoustic emission time is minimal due to short pulse durations and wide shot spacing, especially in Phase 2. The total cumulative emission time across both phases is **less than 15 minutes**.

The area of the Pseudo Platform Undershoot Test - Phase 1 - is in the Purple Polygon

The Area for the Long-Offset Test – Phase 2 - will be fully contained in LA5A (Red Polygon)