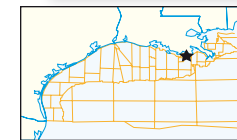
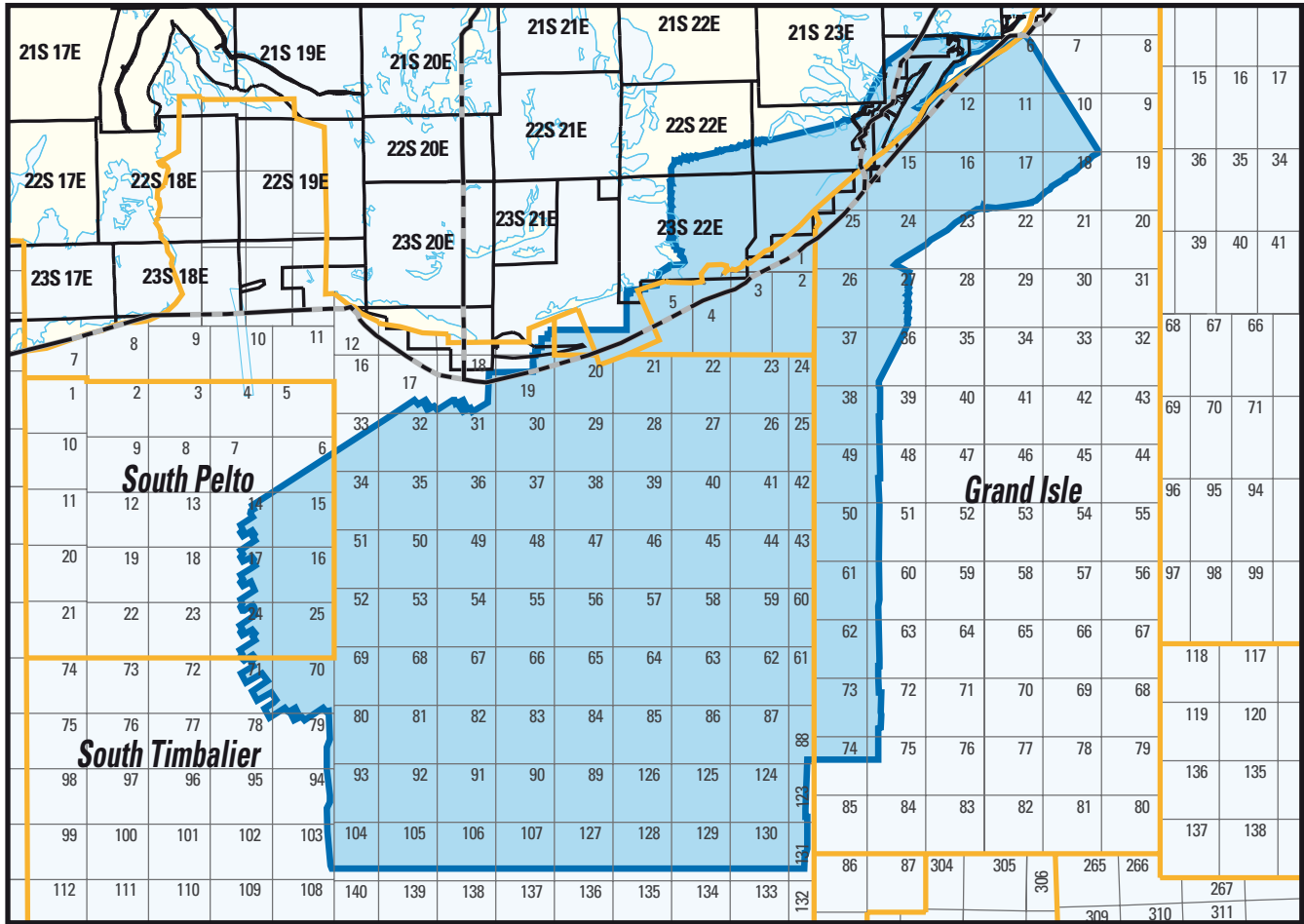


# South Timbalier Merge

## Gulf of Mexico 3D



**WIDE AZIMUTH CO-SENSOR ACQUISITION**

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# South Timbalier Merge

## Multiclient Input Surveys

Timbalier Trench

HGS

South Timbalier 21

Bay Marchand 86

Bay Marchand 92

Neomar

Bay Marchand

Grand Isle

## Processing Flow

Navigation merge / trace edits

Spherical divergence correction

Deconvolution

Tomography statics and datum corrections to sea level

Velocity analysis (one mile grid)

Residual static passes (2 iterations)

DMO velocity analysis (0.5 mile grid)

Residual statics on merged surveys (1 pass)

CDP consistent residual statics

DMO stack (25 x 25 m)

3D phase shift plus interpolation migration

3D Tau-P noise reduction

Final filters and gain

Final processed bin size 82 x 82 ft

Merged survey completed July 2002