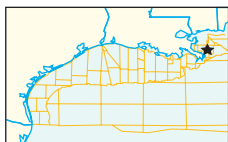
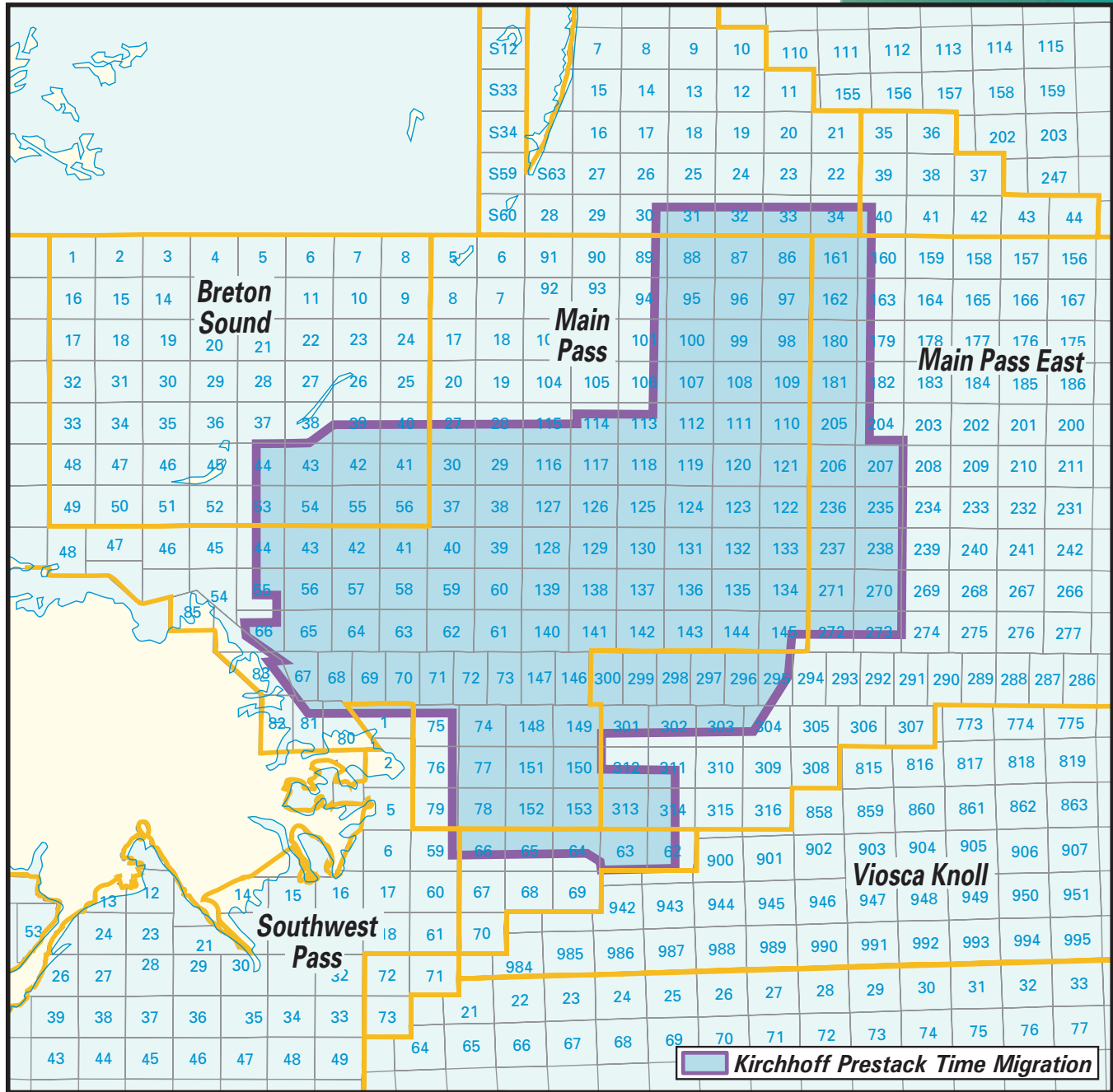


# Main Pass EMerge 1

## Multiclient 3D Survey

Multiclient services



Gulf of Mexico

**Multiclient NAM:**

<b>Calgary</b>	<b>403-509-4666</b>	<b>Midland</b>	<b>432-571-4600</b>
<b>Dallas</b>	<b>972-490-9832</b>	<b>New Orleans</b>	<b>504-523-6781</b>
<b>Denver</b>	<b>303-629-9250</b>	<b>Oklahoma City</b>	<b>405-947-4700</b>
<b>Houston</b>	<b>713-689-1000</b>		



# Main Pass EMerge 1

## Acquisition Parameters

### Mud III

Energy Source	Airguns
Recording Method	Streamer
Spread Geometry	2 lines x 180 receivers per line
Receiver Line Spacing	160 m
Source Line Spacing	160 m
Record Length	8 sec
Sample Rate	2 ms
Maximum Offset	15,000 ft
Fold	90
Cell Size	131.2 x 82 ft
Survey Completed	1996

### Main Pass I

Energy Source	Airguns
Recording Method	In-line swath
Spread Geometry	2 lines x 120 receivers per line
Receiver Line Spacing	1320 ft
Source Line Spacing	330 ft
Record Length	8 sec
Sample Rate	2 ms
Maximum Offset	13,200 ft
Fold	60
Cell Size	165 x 55 ft
Survey Completed	1993

### Main Pass II

Energy Source	Airguns
Recording Method	In-line swath
Spread Geometry	2 lines x 208 receivers per line
Receiver Line Spacing	1320 ft
Source Line Spacing	330 ft
Record Length	8 sec
Sample Rate	2 ms
Maximum Offset	10,450 ft
Fold	60
Cell Size	165 x 49.212 ft
Survey Completed	1994

### Main Pass III

Energy Source	Airguns
Recording Method	In-line swath
Spread Geometry	2 lines x 320 receivers per line
Receiver Line Spacing	1320 ft
Source Line Spacing	330 ft
Record Length	8 sec
Sample Rate	2 ms
Maximum Offset	13,325 ft
Fold	40
Cell Size	82.02 x 82.02 ft
Survey Completed	1994

## Processing Parameters for Merged Data

Navigation merge / geometry QC  
Instrument de-phasing  
Noise attenuation  
Amplitude recovery / trace editing  
Refraction statics  
Surface consistent deconvolution  
Surface consistent amplitude recovery (SCAC)  
Offset dependent residual amplitude compensation (RAC)  
Residual statics  
Velocity analysis (one mile per grid)  
Prestack Kirchhoff time migration for velocity lines  
Velocity analysis (0.5 mile grid)  
Prestack Kirchhoff time migration (turning wave, 60 fold, 25 x 20 m o/p bins)  
Velocity analysis  
Stack (full and 3 angle ranges)  
Noise attenuation / filtering / scaling  
Processing completed 03/2004

## Acquisition Parameters

### Main Pass 298

Energy Source	Airguns
Recording Method	Streamer
Spread Geometry	2 lines x 120 receivers per line
Receiver Line Spacing	100 m
Source Line Spacing	100 m
Record Length	8 sec
Sample Rate	2 ms
Maximum Offset	11,000 ft
Fold	60
Cell Size	12.5 x 25 m
Survey Completed	1990

### Main Pass 299

Energy Source	Airguns
Recording Method	Streamer
Spread Geometry	1 line x 120 receivers per line
Receiver Line Spacing	25 m
Source Line Spacing	25 m
Record Length	7 sec
Sample Rate	2 ms
Maximum Offset	11,000 ft
Fold	60
Cell Size	12.5 x 25 m
Survey Completed	1986

### Main Pass 313

Energy Source	Airguns
Recording Method	Streamer
Spread Geometry	1 line x 96 receivers per line
Receiver Line Spacing	50 m
Source Line Spacing	50 m
Record Length	7 sec
Sample Rate	2 ms
Maximum Offset	10,581 ft
Fold	48
Cell Size	16.65 x 25 m
Survey Completed	1986

## Reprocessing Parameters for Merged Data

Additional iteration of phase correction  
Residual statics  
Prestack Kirchhoff time migration (turning wave, 60 fold, 25 x 20 m o/p bins)  
Stack (full and 3 angle ranges)  
Noise attenuation / filtering / scaling  
Processing completed 01/2005