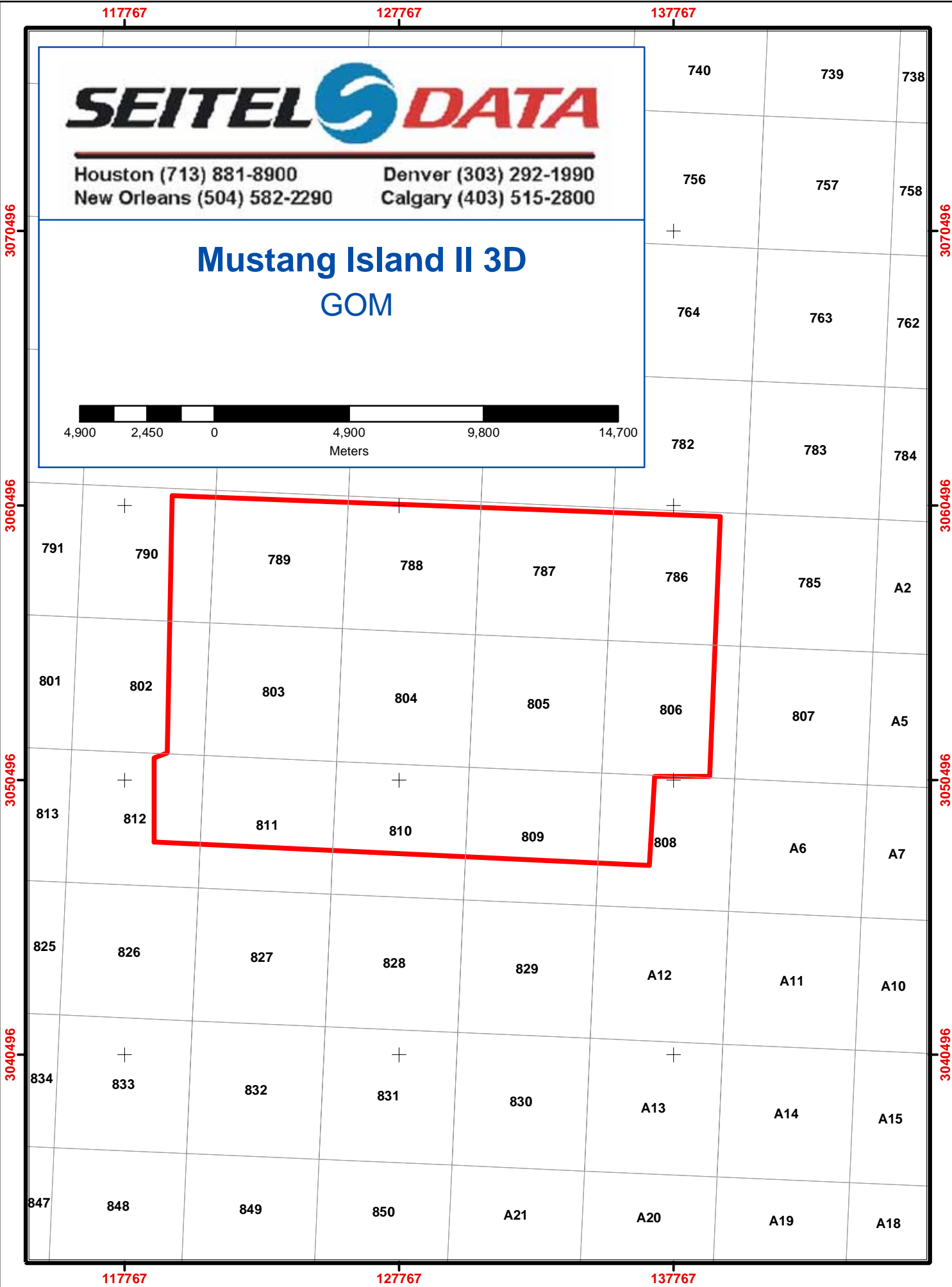
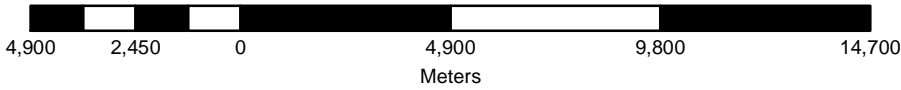




Houston (713) 881-8900
New Orleans (504) 582-2290

Denver (303) 292-1990
Calgary (403) 515-2800

Mustang Island II 3D GOM



Mustang Island II 3D Survey

Acquisition Parameters

Date of Delivery	1998
Survey Size	10.604
Shooting Direction	E - W
Number of Streamers	2 x 6000m
Steamer Separation	160m
Streamer Length	6000m
Recording Groups	40
Source of Separation	80m
Shot Point Interval	50m
Acquired Bin Size	12.5 x 40 m
Fold Coverage	60
Record Length	9s
Sample Rate	2m s

Generalized Processing Sequence

- 1) Reformat & Resample to 4 Milliseconds
- 2) Merge Navigation
- 3) Gain Delay-Time Compensation
- 4) Noise edit and Mute
- 5) 1 Gate 48 Milliseconds Gapped Deconvolution
- 6) Flexible Binning
- 7) Spatial Antialias Filter on Interpolated Common
- 8) 1 KM Grid Velocity Analysis
- 9) Full Kirchhoff Time Migration 14 KM Aperture, 8
- 10) 500 M Grid Velocity Analysis
- 11) NMO and Mute
- 12) 2 Gate Spiking Deconvolution
- 13) Stack
- 14) Interpolation to 12.5M x 20 M Bins
- 15) Filter
- 16) 3-D DMO Correction