1999 Processing Sequence

Processing Sequence for seismic data, 1987 and 1989 vintage	Processing Sequence for seismic data, 1991 vintage
Data Preparation SEG-B Data Input from field tapes Demultiplexation SEG-Y Input Line Geometry Definition	**Data Preparation** SEG-B Data Input from field tapes Demultiplexation SEG-Y Input Line Geometry Definition
Signal Processing Seismogram & Trace Edition Shot delay correction from Time-Break Channal to Header Statics* Shot delay correction -28 ms to Header Statics (for 1989 lines only)* Preliminary Muting True Amplitude Recovery F-K Filter Arbitrary Poligon reject mode Spiking/Predictive Decon spiking mode operator length 60 ms Bandpass Filter 8-16-40-80 Hz Trace Equalization Radon Filter parabolic mode Stacking Velocity Analysis using Velocity Spektra NMO Correction Trace Muting (top & bottom) CDP/Ensemble Stack Spiking/Predictive Decon predictive mode,operator length 80 ms, prediction int.35 Bandpass Filter 10-18-35-70 Implicit FD Time Migration	**Signal Processing** Record & Trace Edition Shot delay correction -28 ms to Header Statics * Preliminary Muting Surface Wave Noise Attenuation True Amplitude Recovery F-K Filter Arbitrary Poligon reject mode Spiking/Predictive Decon spiking mode operator length 80 ms Bandpass Filter 8-16-80-120 Hz Trace Equalization Radon Filter parabolic mode Stacking Velocity Analysis using Velocity Spektra NMO Correction Trace Muting (top & bottom) CDP/Ensemble Stack Spiking/Predictive Decon predictive mode,operator length 200 ms, prediction int.35 Bandpass Filter 10-16-80-120 Implicit FD Time Migration
Postmigration Processing Spiking/Predictive Decon predictive mode, operator length 80 ms, prediction int. 36 ms Coherency Filter Trace Equalization	**Postmigration Processing** Spiking/Predictive Decon predictive mode, operator length 80 ms, prediction int. 36 ms Coherency Filter Trace Equalization

* In 1999, during the reprocessing of earlier aquired field seismic data, the harmonisation of the previous reflector time values was conducted, for the lines acquired during different field seasons. The 1987 seismic lines were selected as the base lines, since for those lines only Actual Header Statics for the seismic records were available at the time. The rest of the seismic lines were approximately harmonised with the 1987 lines, introducing corrections –28 ms (Estimated Header Statics) in all the 1989 and 1991 lines, except 89793, 89794 and 89795, for which no Header Statics corrections were introduced. The final harmonisation of the seismic grid was carried out during te interpretation.