



PROGRAM DETAILS

(i) Pre-processing Module

1. True Amplitude Recovery (T.A.R.).
2. Static Corrections for field multiplexing delays.
3. Static Corrections for shot and seismometer depths; i.e., sea level datum.
4. Time Variant Deconvolution.
5. Common Depth Point Gather.
6. Annotation of water depths and trace offsets of all output records for use in subsequent processing.

The True Amplitude Recovery (T.A.R.) process was applied to digital field records in order to produce output records on which relative amplitudes of reflections on each trace were approximately true and traces were properly modulated. The T.A.R. process removes the digital gain applied in the field and replaces this with corrections based on loss of energy due to spherical divergence and inelastic attenuation.