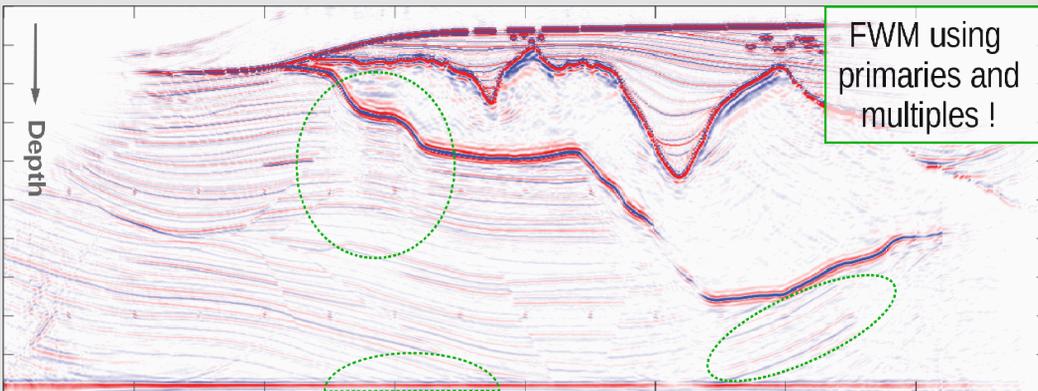
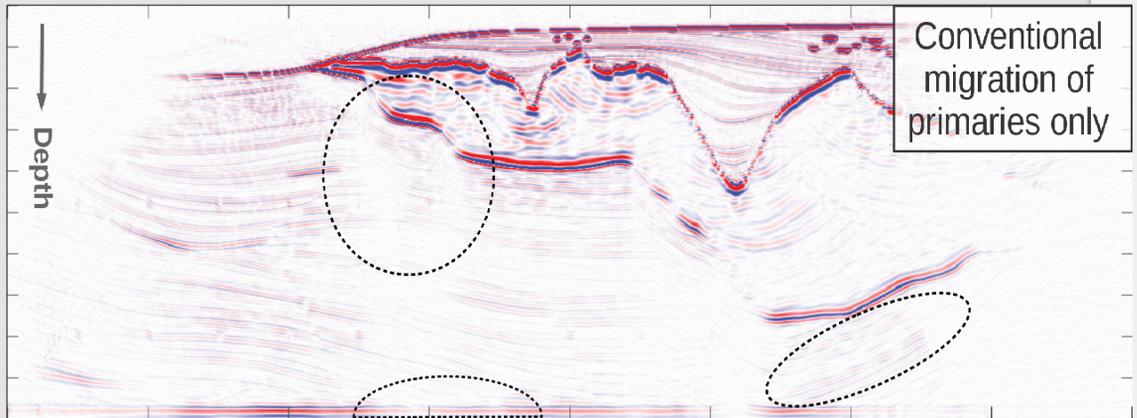
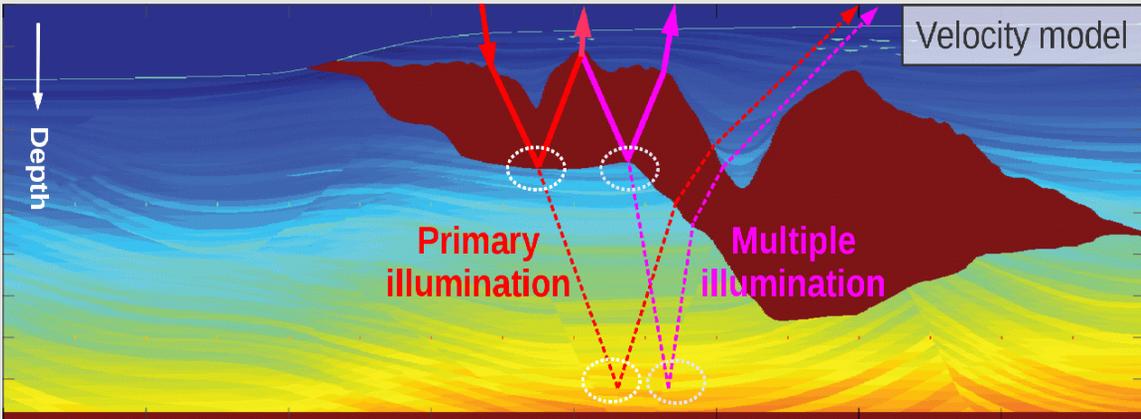


FWM – Depth illumination by multiples

FWM - Full Wavefield Migration explains and images the full prestack wavefield including primaries and multiples by an inversion scheme that reconstructs the subsurface reflectivity.



Based on the optimized reflectivity, FWM images primary and multiple energy to their respective depth locations, and accounts for transmission losses. FWM thus illuminates primary shadow zones, and keeps true amplitudes.

Application to SIGSBEE data in co-operation with Verschuur & Davidenko from Delft University.