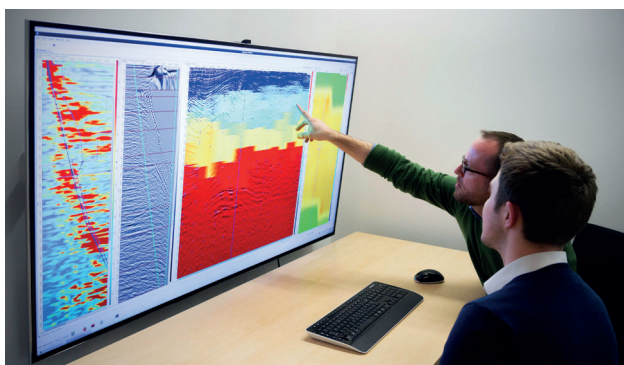
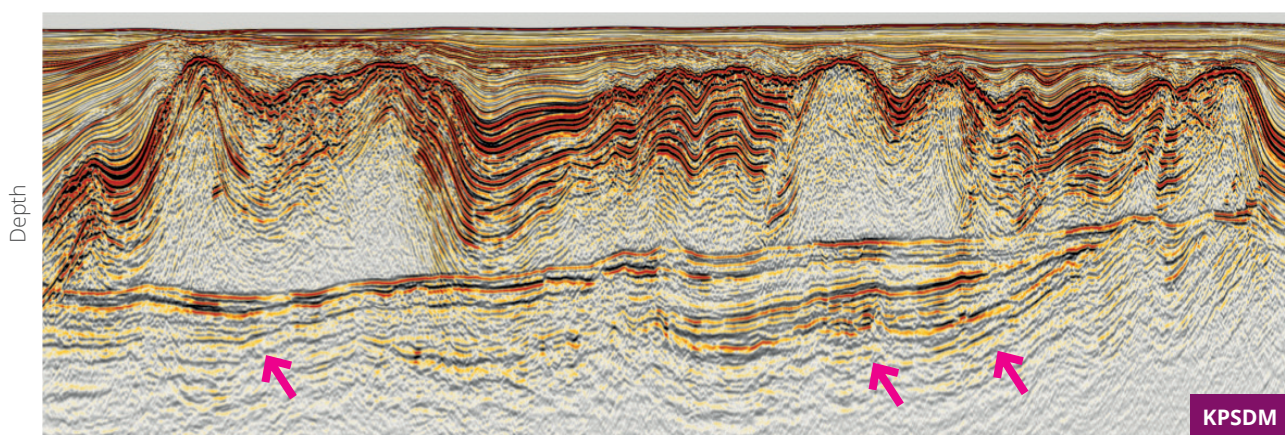
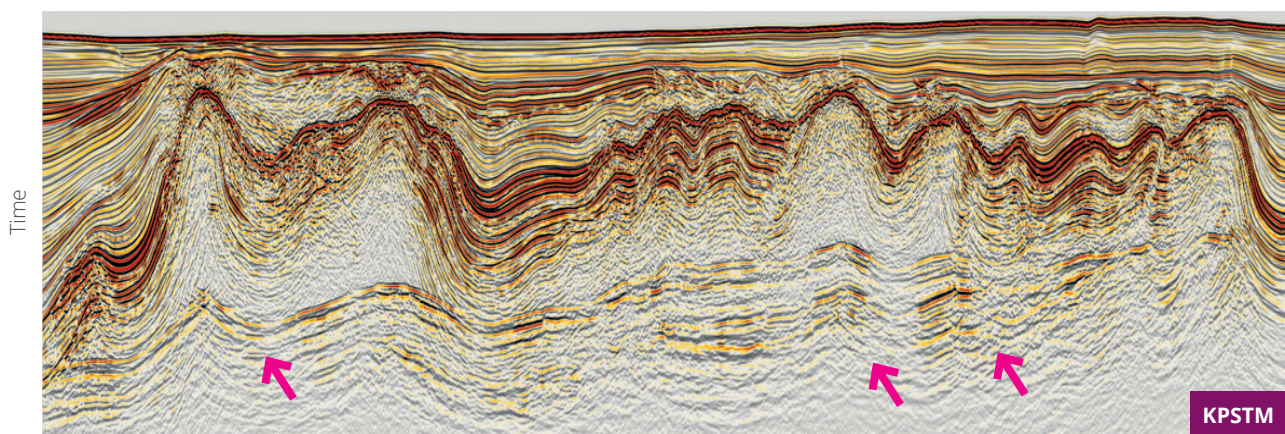


Kirchhoff Depth Migration



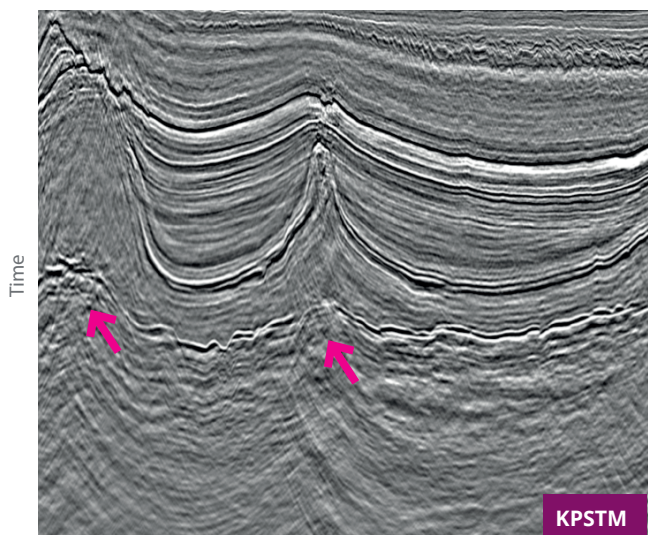
The Shearwater Kirchhoff Depth Migration provides enhanced images in complex geology

- Isotropic, VTI and TTI anisotropic
- Steep dips including turning rays
- Target output lines, volumes or honeycombs
- Target output CMPs for velocity model building
- Horizon illumination maps
- Land, marine or seabed

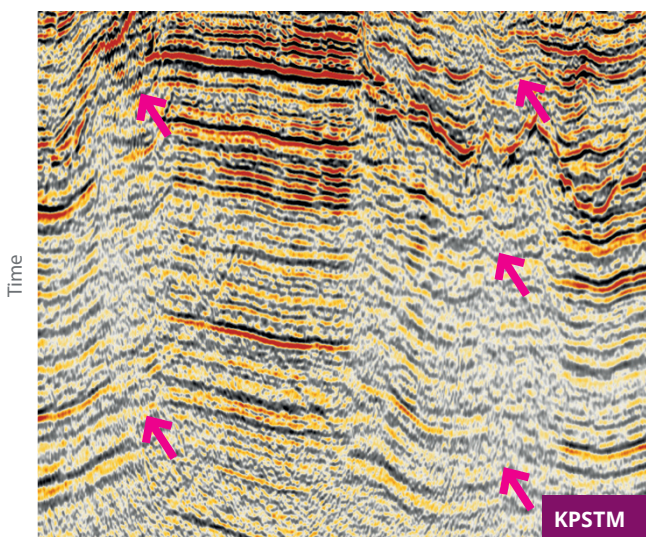
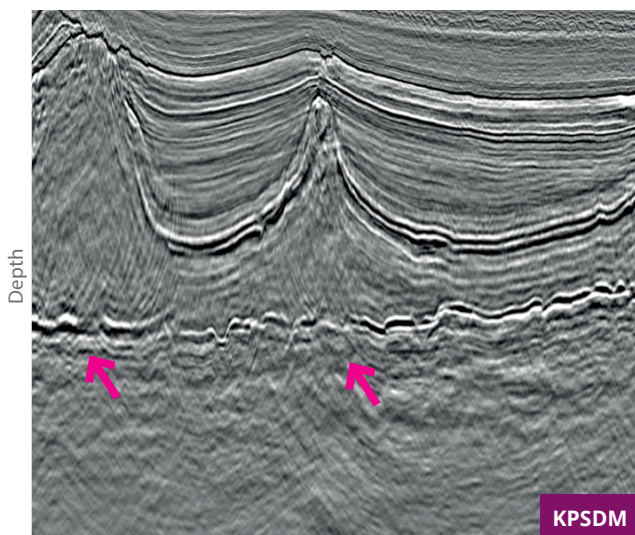


Brazil, Pre-Salt Kirchhoff PSDM illustrating improved imaging and positioning of the pre-salt events

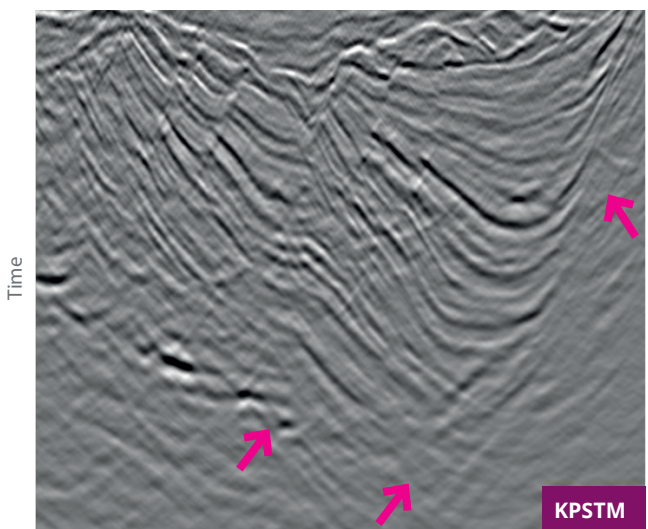
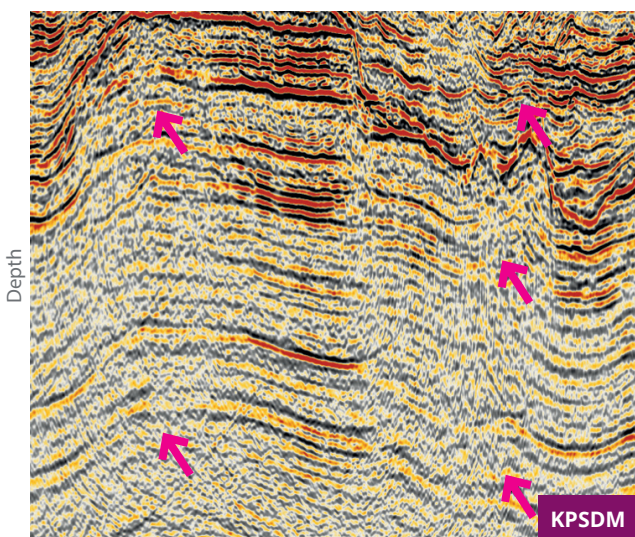
The Shearwater Kirchhoff PSDM is a true amplitude, anisotropic Pre-Stack Depth Migration ideally suited to moderately complex geology with strong lateral velocity changes. Kirchhoff PSDM is a highly versatile algorithm used throughout model-building and final imaging. The Shearwater Kirchhoff PSDM uses wavefront reconstruction travel times selected by user criteria such as first arrival or minimum velocity contrast.



North Sea



West Africa



Atlantic Margin, Ireland
Data Courtesy of Cairn Energy

