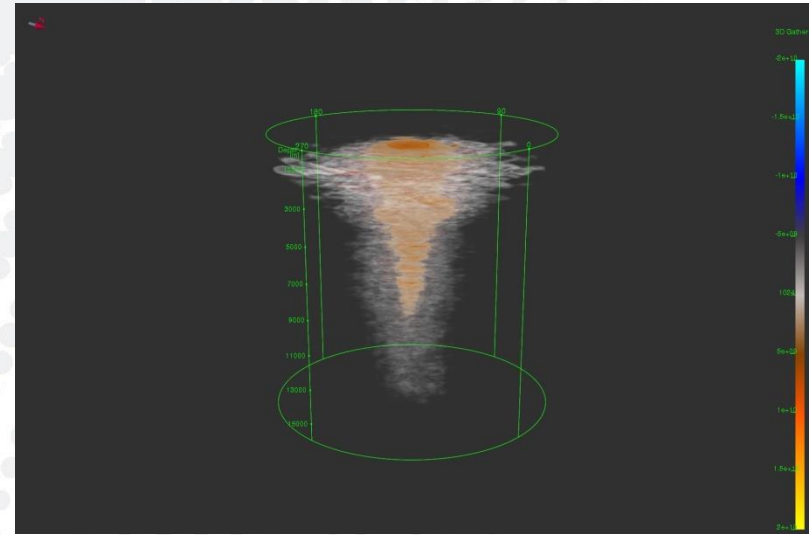
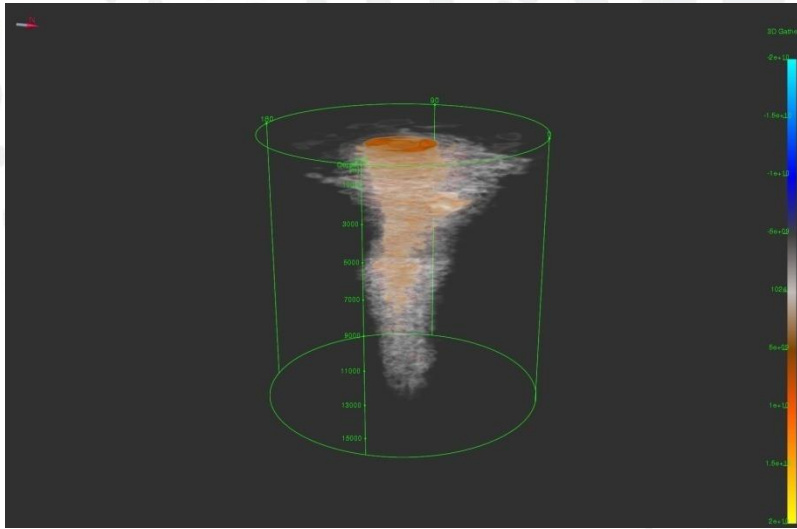


# Processing Technology by **GEOGALS** company

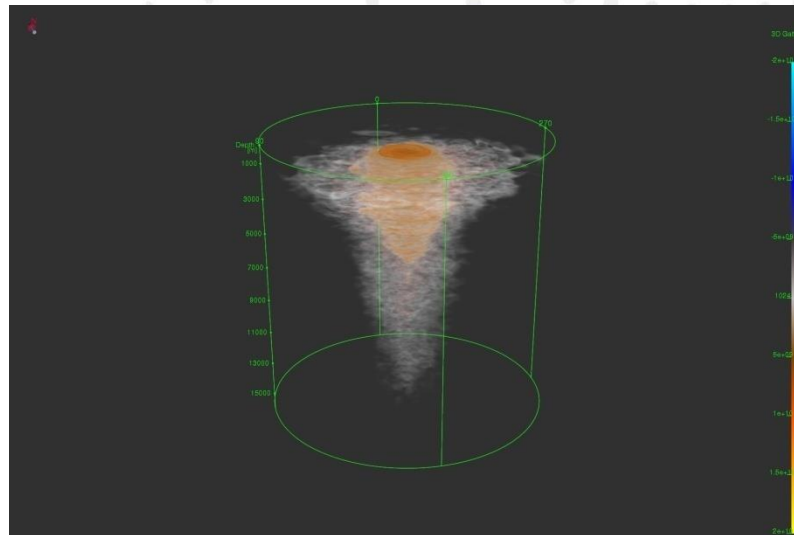
ES360



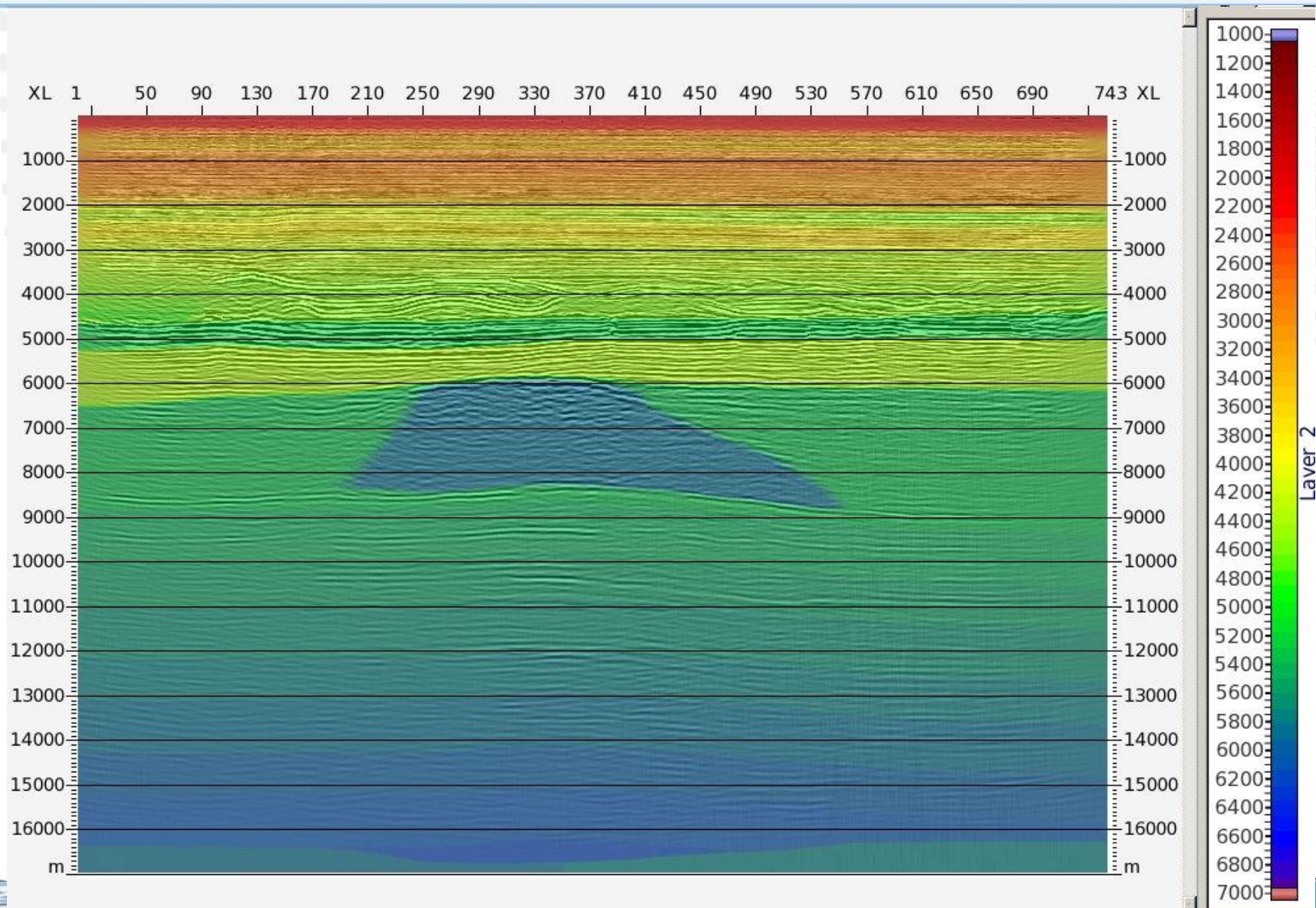
# ES360 execution examples



Completed over 5  
projects using  
full-azimuth depth  
imaging

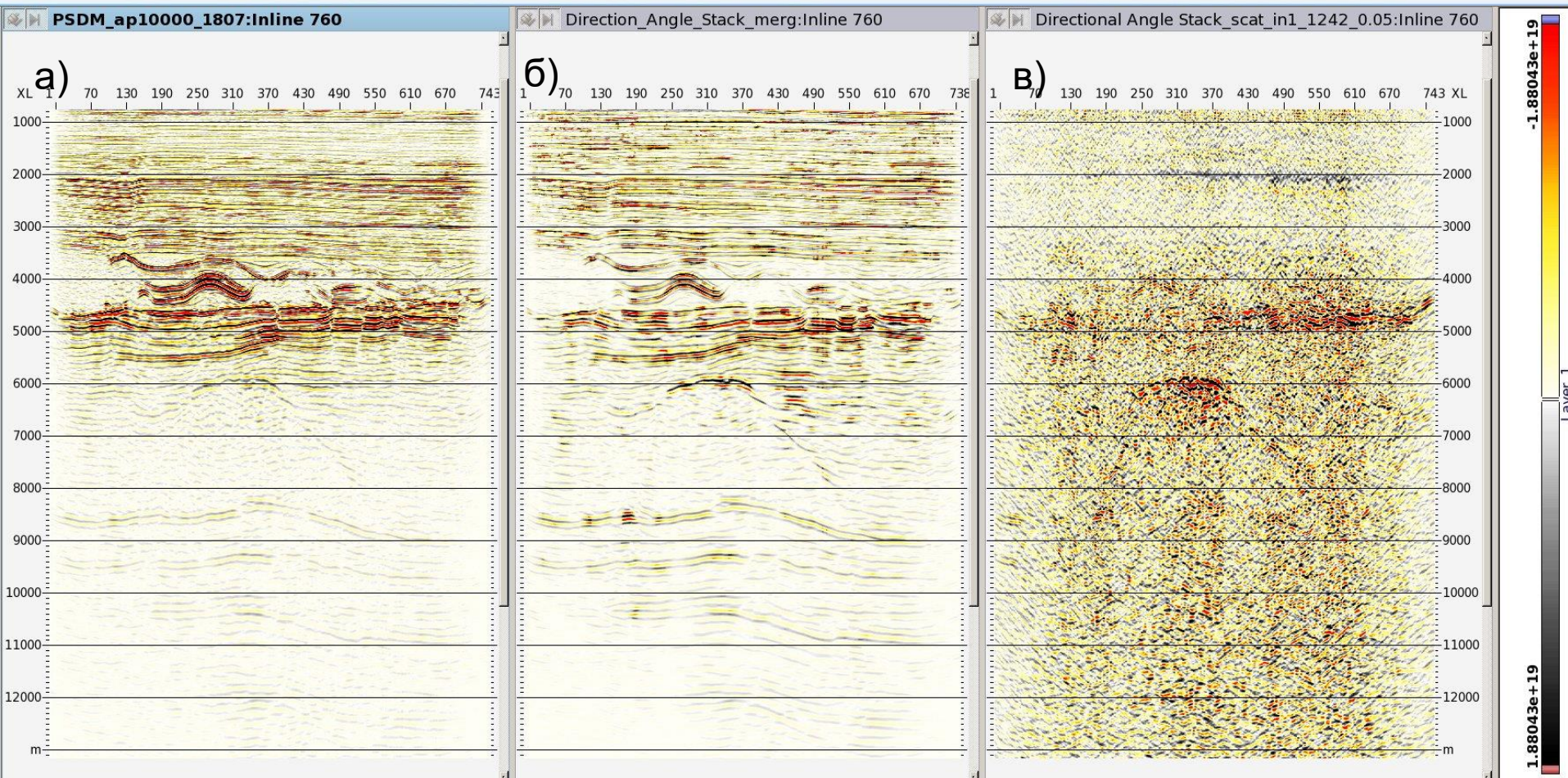


# Velocity-depth model. Vertical section





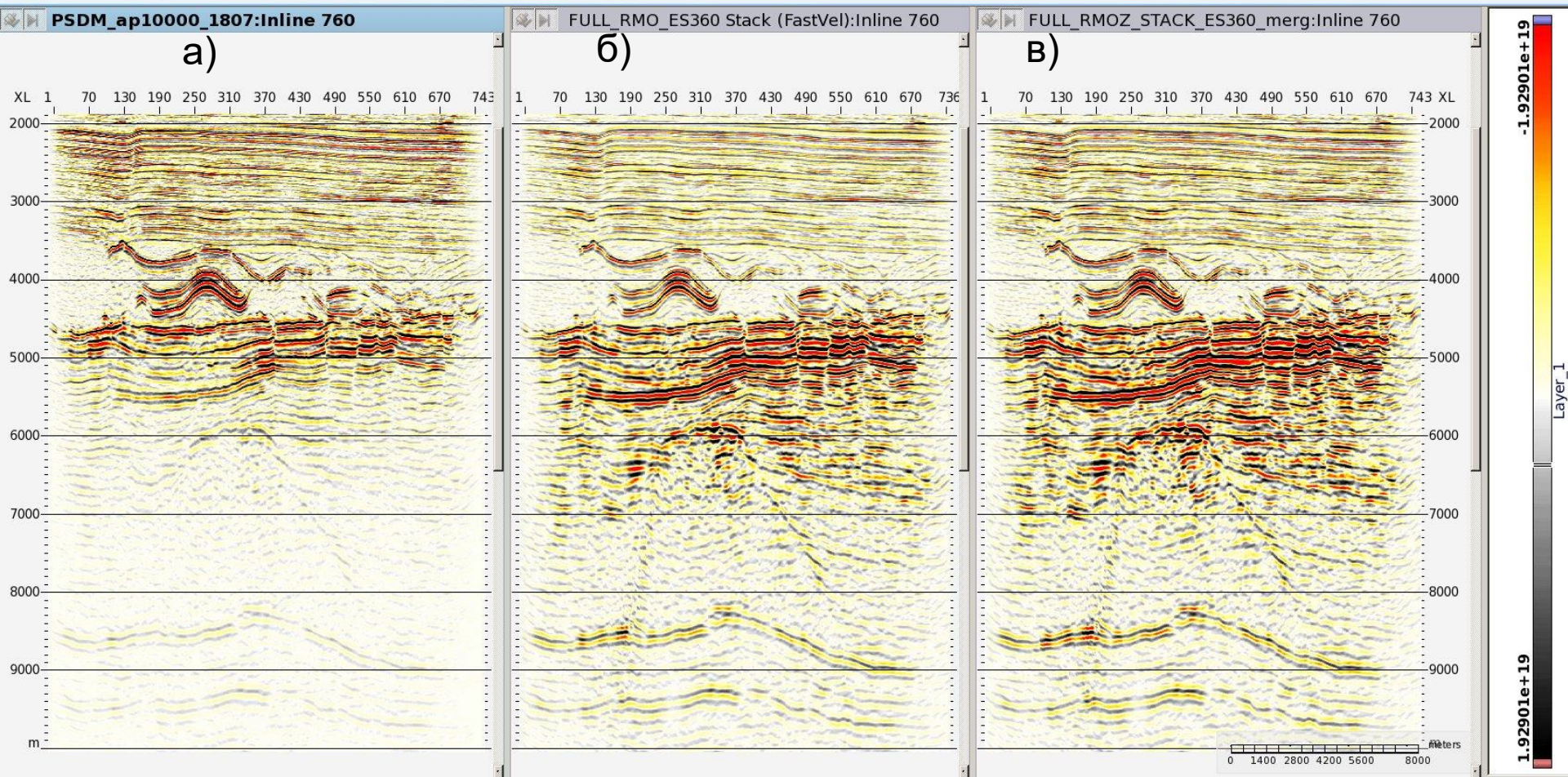
# Compare of Kirchhoff depth migration and ES360. INLINE



a) Kirchhoff depth migration; б) The mirror component of ES360 migration;  
b) The scattered component of ES360 migration



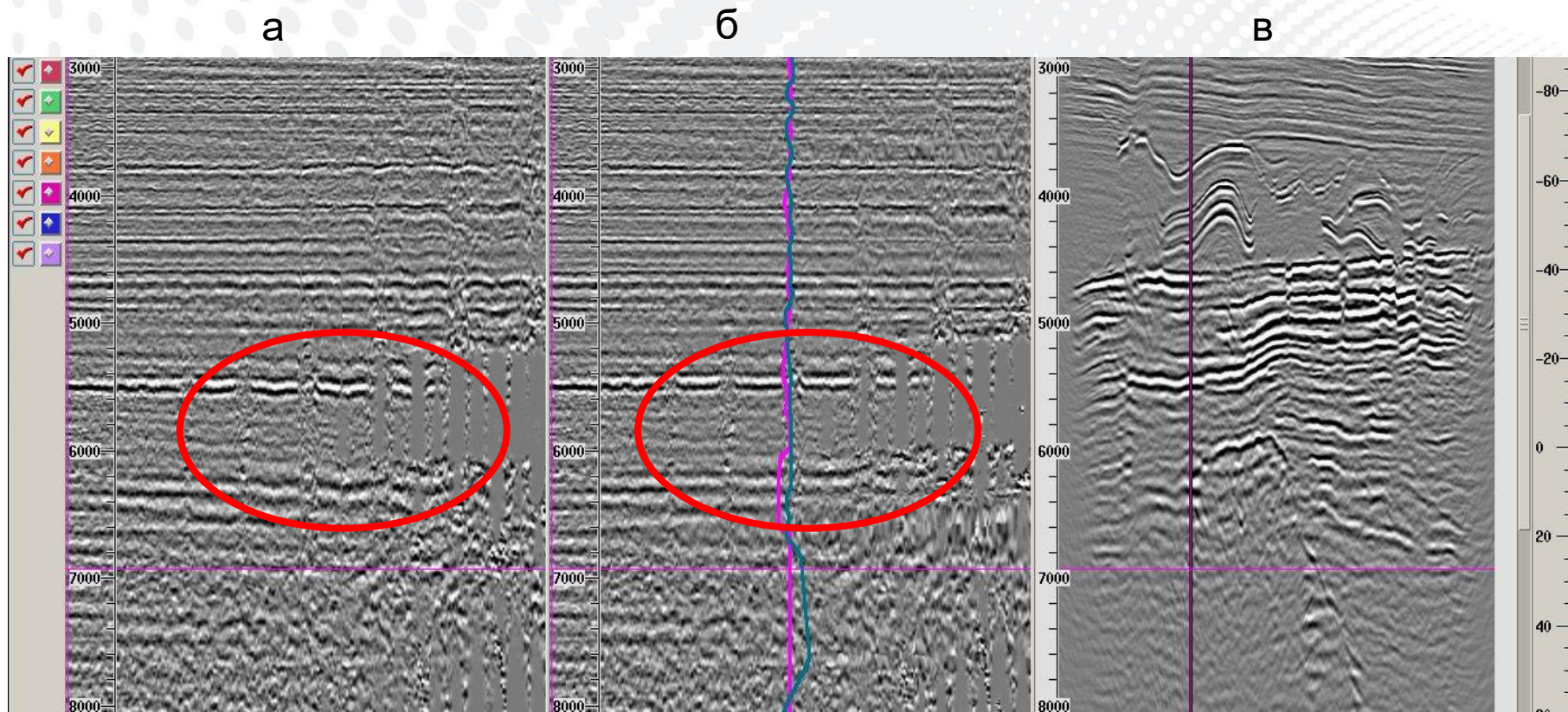
# Compare of Kirchhoff depth migration and ES360. INLINE



a) Kirchhoff depth migration; б) ES360 migration;  
b) ES360 migration after HTI isotropy



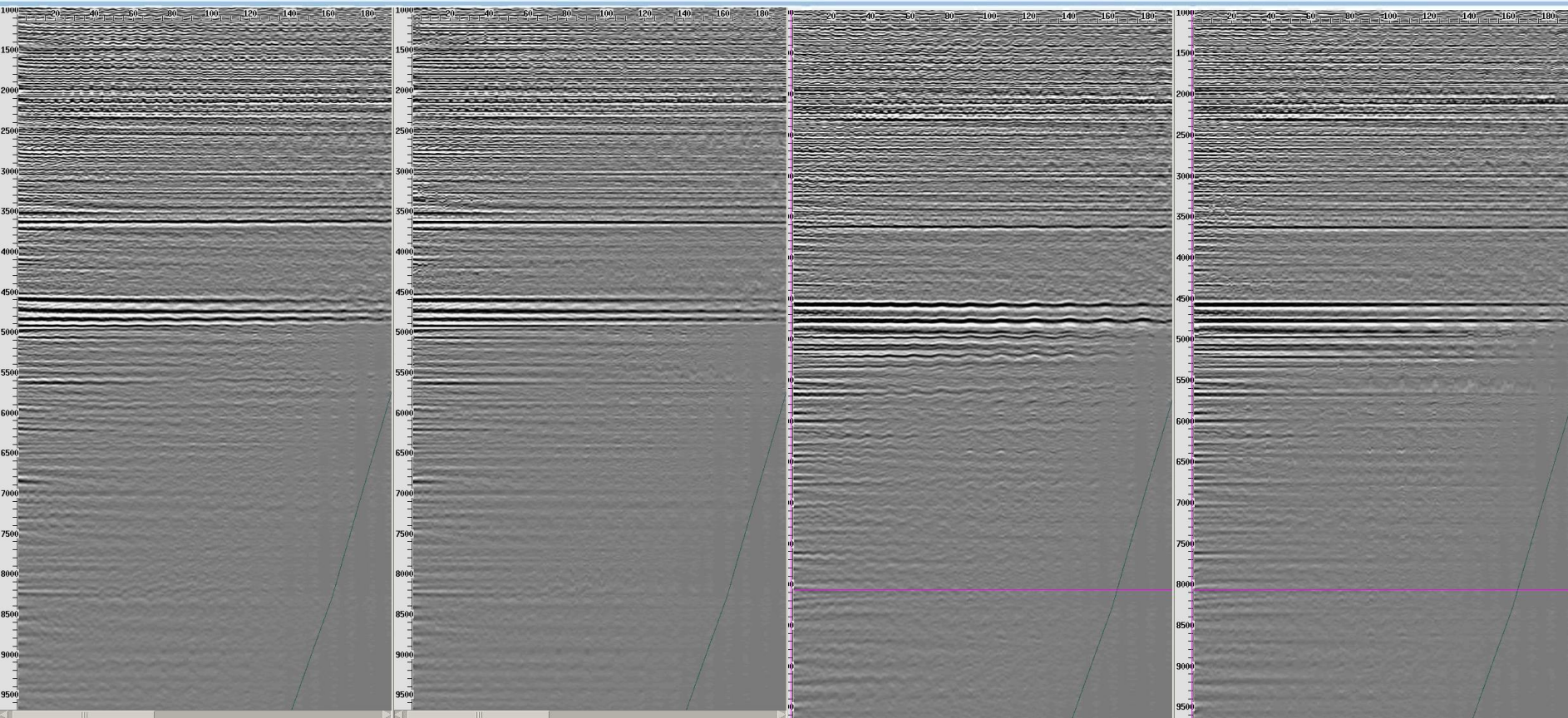
# ES360 migration. RMOz travelttime inversion



a) Seismic gathers after ES360, б) Seismic gathers after apply the azimuth moveout correction, в) Depth section



# ES360 migration. RMOz travelttime inversion



до

после

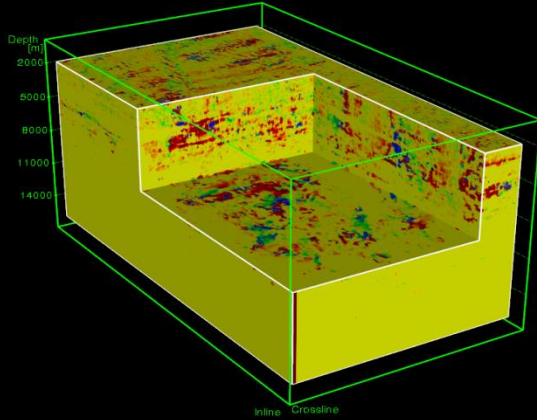
до

после

Reflection seismic gathers before and after RMOZ apply

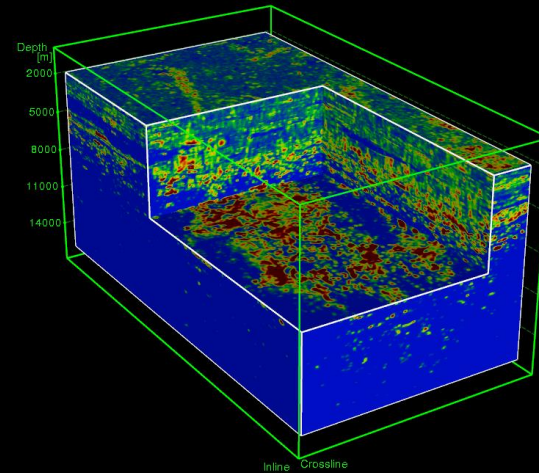
# RMOz travelttime inversion

Active: "Block1"  
Full Azimuth Slow Effective (FastVel)\_smoothed  
Seismic/Amplitude



The direction of the axis of symmetry  
for HTI isotropy

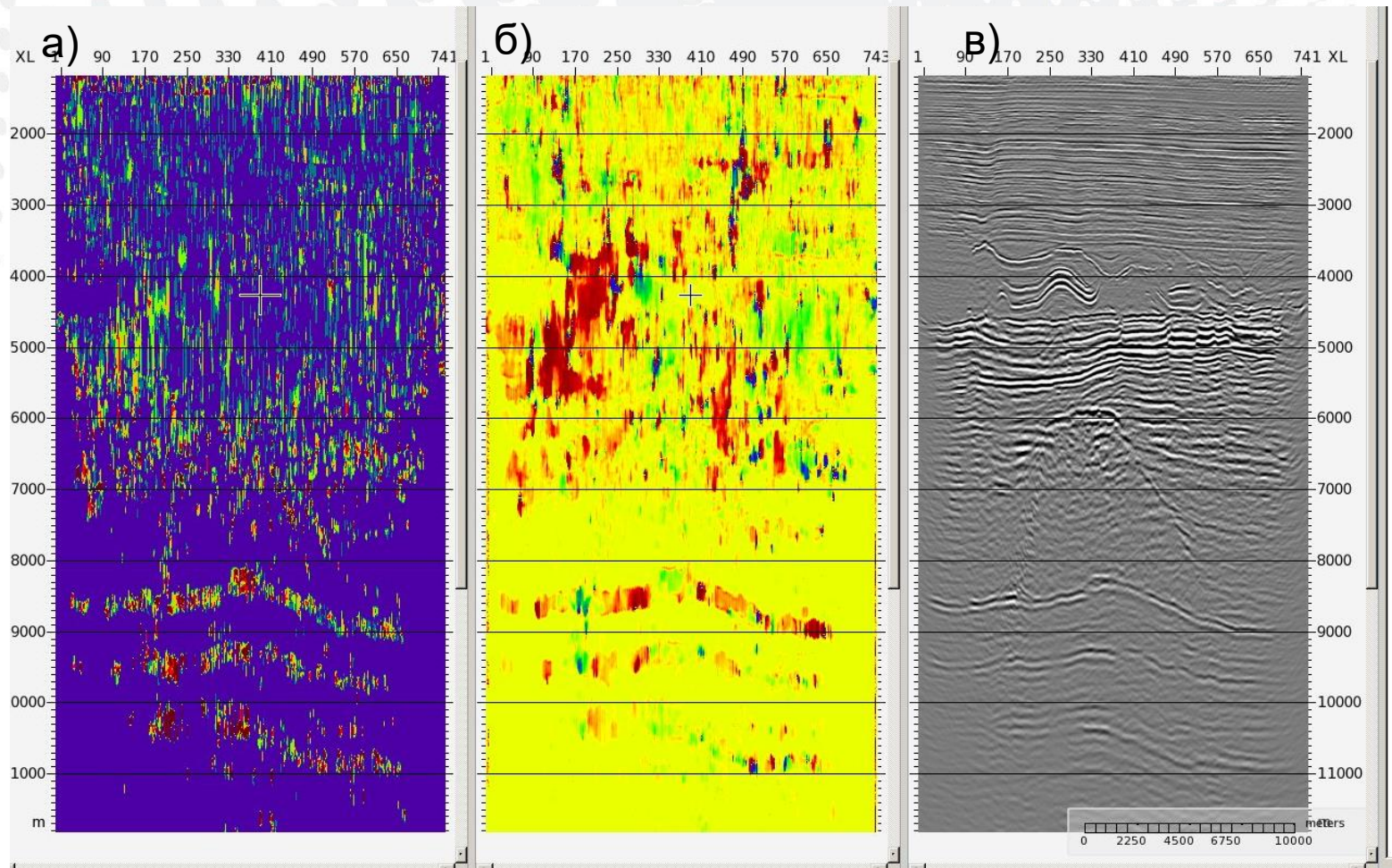
Active: "Block1"  
Full Delta Alpha Effective (FastVel)\_smoothed  
Seismic/Amplitude



Intensity of HTI isotropy



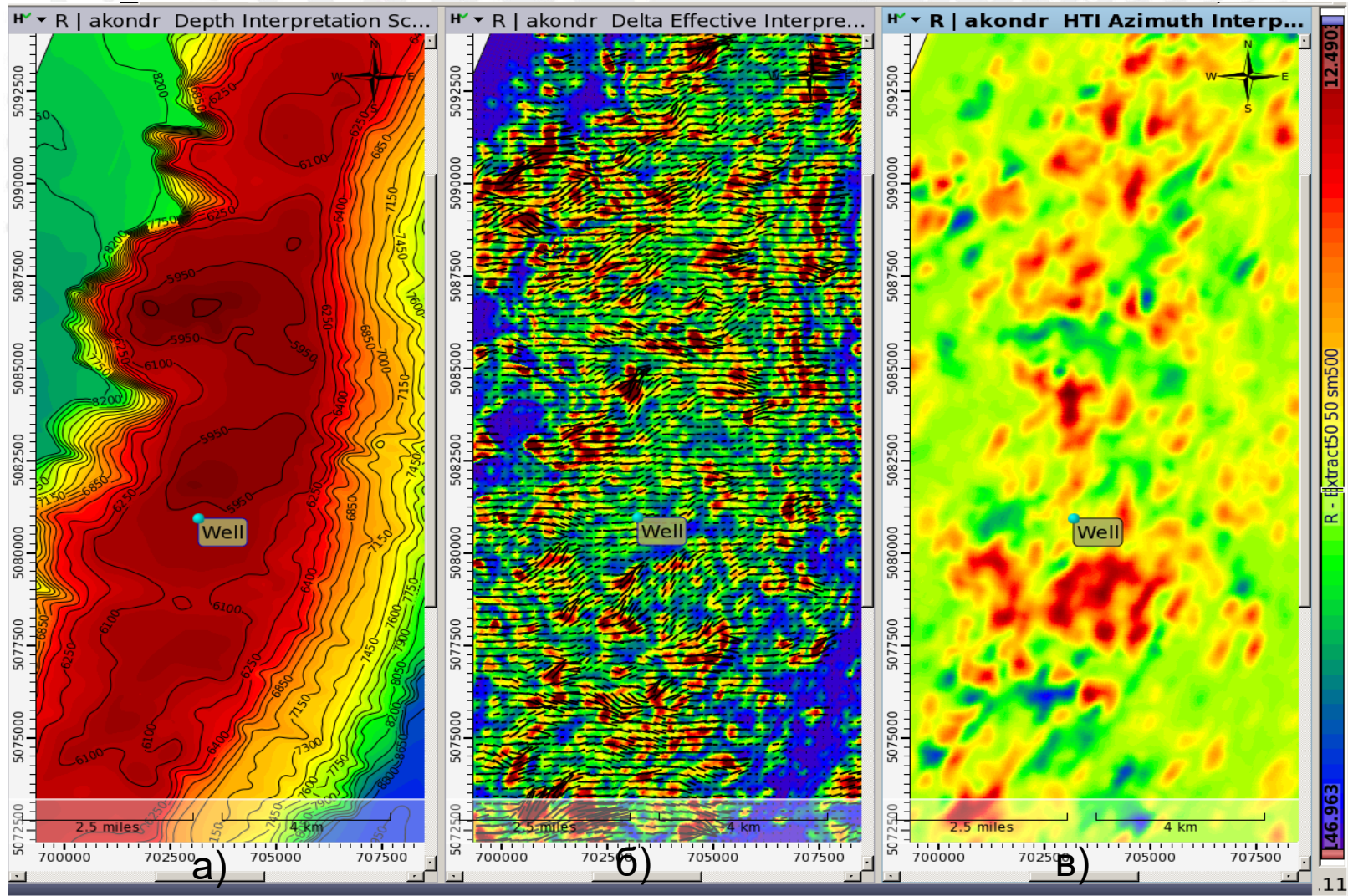
# RMOz traveltme inversion



a) Intensity of HTI isotropy; б) direction of symmetry axes of HTI isotropy; c) 3D seismic cube after HTI isotropy apply



# RMOz travelttime inversion



a) top of reef structure map; b) Intensity of HTI isotropy with axis of symmetry;  
c) azimuth of HTI HTI isotropy

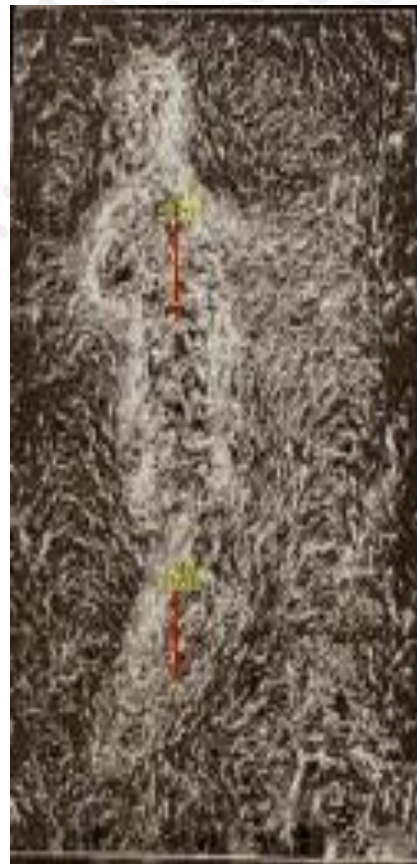


# Azimuthal amplitude inversion



Structure map

curvature



Intensity of fractures