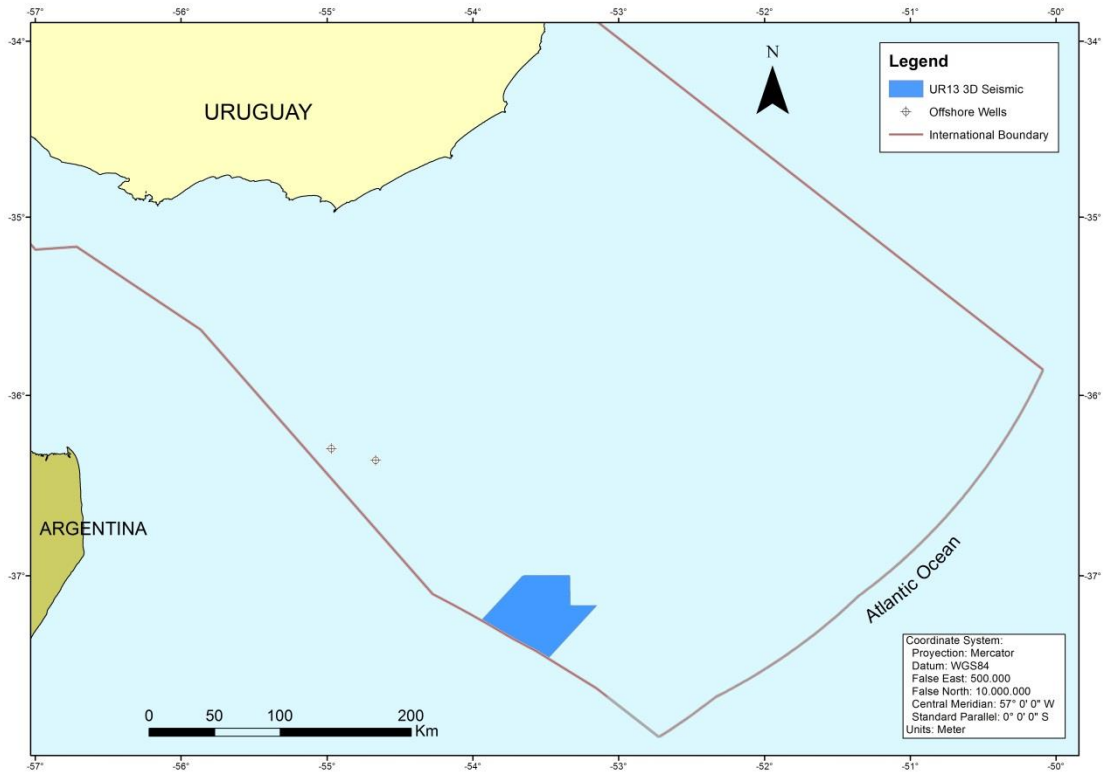




OFFSHORE UR13 3D SEISMIC



SURVEY UR13	PROCESSING SEQUENCE (PSTM)
<p>Approximately: 2,074 Full Fold Km²</p> <p>Acquisition Company WesternGeco</p> <p>Processed by WesternGeco</p> <p><u>ACQUISITION PARAMETERS</u></p> <p>Vessel: GECO TRITON</p> <p>Streamer: Streamers: 10 x 7,000m @ 9m +/- 1m Separation between streamers: 120m Numbers of groups: 560 per streamer Group Interval: 12.5m</p> <p>Energy Source: Type: Airgun Nominal air pressure: 2,000 psi Volume: 2x5,085 cu.in Source depth: 7m SP int.: 25m</p> <p>Data recording: Instrument: TRIACQ V and Omega-DGF Recording length: 9.728sec Sample rate: 2 ms</p>	<p>PROCESSING SEQUENCE - ONBOARD GECO TRITON:</p> <ol style="list-style-type: none"> 1. OMEGA DGF SEGD INPUT 2. MERGE SEISMIC WITH NAVIGATION P1/90 DATA 3. FLAG NOW/LATER EDITS 4. 3D BIN DEFINITION 5. ASSIGN NOMINAL GEOMETRY 6. WATER BOTTOM TIME 7. INITIAL VELOCITY FIELD 8. DESIGNATURE 9. ANOMALOUS AMPLITUDE ATTENUATION 10. RECEIVER MOTION CORRECTION 11. SEISMIC INTERFERENCE REMOVAL 12. GSMP 13. RADON (WATER VELOCITY) 14. MAZAP (residual multiple attenuation) 15. PRIMAL (residual multiple attenuation) 16. WLS RADON (PICKED VELOCITY) <p>PROCESSING SEQUENCE - BUENOS AIRES DP:</p> <ol style="list-style-type: none"> 17. TIDAL STATICS & WATER VELOCITY CORRECTION 18. RESIDUAL MULTIPLE ATTENUATION (3 STEPS) 19. REGULARIZATION & INTERPOLATION 20. HIGH RESOLUTION WLS RADON 21. PSTM & VELOCITY ANALYSIS FOR CONTROL LINES (2 ITERATIONS) 22. FULL PSTM (KIRCHHOFF) & RESIDUAL VELOCITY ANALYSIS 23. NMO - MUTE - STACK 24. INV Q (PHASE ONLY) 25. TVSW 26. RMS GAIN 27. OMEGA TO SEGY FORMAT

DELIVERABLES
Acquisition Report
Processing Report
Final PSTM cube (in SGY format)
PSTM Partial Stacks (in SGY format):
<ul style="list-style-type: none"> • Near angles: 0° to 11° • Middle angles: 10° to 21° • Far angles: 20° to 31° • Far Far angles: 30° to 41°
Final PSTM Stacking velocity cube (in SGY format):
Report and files (in SGY format) of AVO attributes calculation and depth Scaling of the PSTM cube (made by YPF)

COST OF FULL DATAPACKAGE: USD 4,000,000

