NIGERIAN UPSTREAM PETROLEUM REGULATORY COMMISSION

# Nigeria 2026 Bid Round

## PPL 3023

Nigeria 2026 License Round Block

# Information Table

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**TGS-Petrodata**

| Block Name | Block sq. km | Data type | Data km 2D km/3D sq km | Wells | Water depth (m) min | Water Depth (m) max |
|---|---|---|---|---|---|---|
| PPL 3023 | 982 | 2D/MBSS | 253/25 | 0 | 3536 | 3971 |

## LOCATIONS OF BLOCKS OFFERED IN THE 2026 LICENSING ROUND



Nigeria 2026 Bid Round

# PPL 3023

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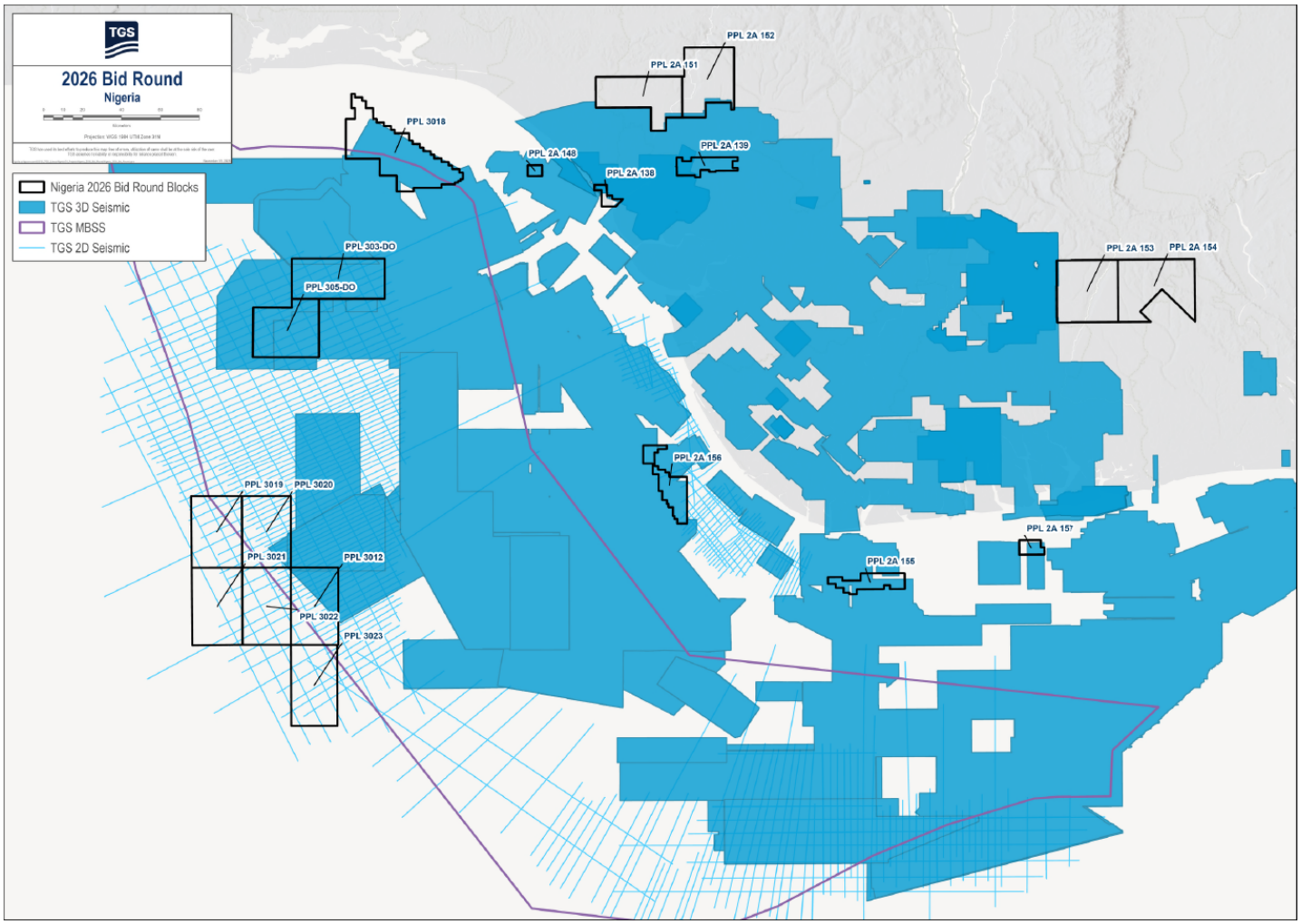


For all enquires please contact us at AME-Nig-Br2026-Sales@Tgs.com

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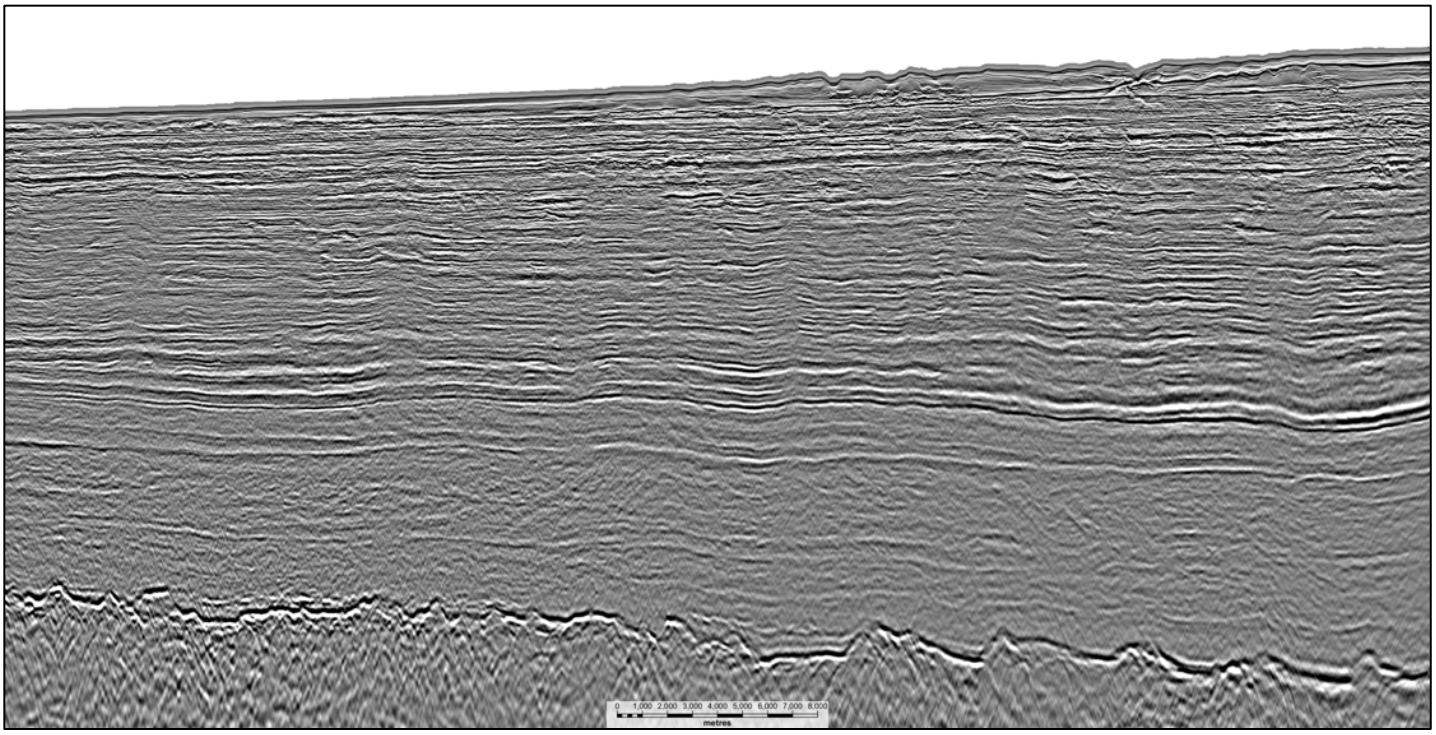


KPSDM 2D seismic data example from the 2019 Nigeria Repro survey showing the highly channelised facies of the Agbada formation outboard of the thrust front. There is potential for stratigraphic draping over subtle anticlines.

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# PPL 3023

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Block PPL 3023 covers an area of 982 sq. km. and is situated in ultra-deep water depths of 3536 to 3971m. The block has 253 line km of 2D seismic data. The 2D seismic surveys were acquired in 1998/99 and re-processed in 2019 to create a high quality regional 2D dataset across the outboard Niger Delta.

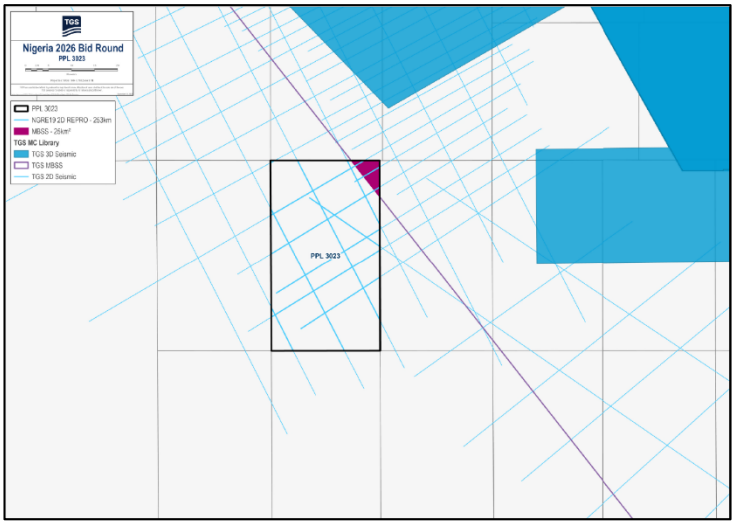
PPL 3023 contains 25 sq. km of MBSS data to be included in the bid round. All data was acquired in partnership with NUPRC.

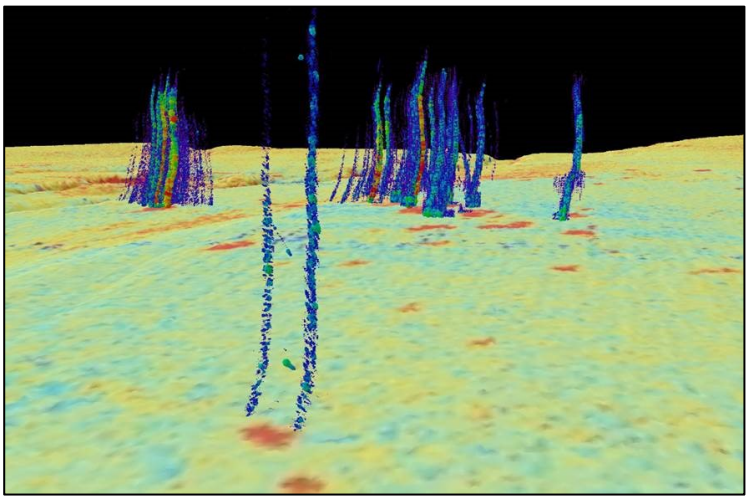
Block PPL 3023 is located 95km southwest of the NSiko Field in the western Niger Delta. It is part of the north-west to south-east trending early Miocene to late Oligocene structural trend of the western Niger Delta lobe.

No wells have been drilled in PPL 3023. There is remaining potential within untested stratigraphic and structural-stratigraphic traps in the block.

The Niger Delta Basin contains up to 12 km of Upper Cretaceous to Quaternary clastics deposited in an overall upward-coarsening regressive deltaic sequence. The Tertiary section is composed of three main diachronous units. The Akata Formation pro-delta shales were deposited in a deep marine, anoxic environment. Overlying these are the paralic siliciclastics of the Agbada Formation, representing the main deltaic sequence. Finally, the Benin Formation completes the section and is dominated by continentally sourced sands.

The Niger Delta Basin is renowned for the highly prospective Akata-Agbada Petroleum system. The main source rocks are the Akata Formation marine shales and the Lower Agbada Formation paralic shales. Proven reservoirs in the basin are found in sandstones of the Agbada Formation deposited as stacked turbidite channels and channel-fan complexes. Interbedded transgressional marine shales provide excellent seals, while there are ample structural and stratigraphic trapping styles present across the basin.



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