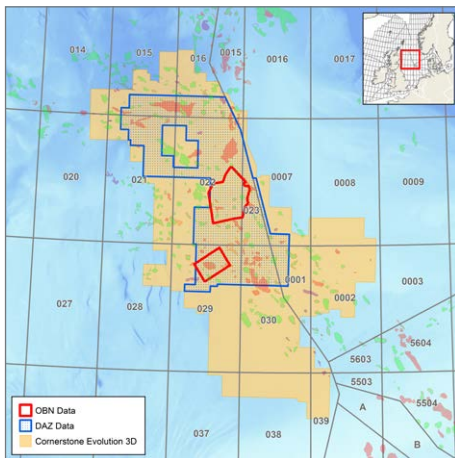# CORNERSTONE OBN

CGG

Revolutionizing imaging in the Central North Sea

Developed in collaboration with Magseis Fairfield, the 1,650 km^2 Cornerstone OBN data set delivers subsurface images of unprecedented quality in the most challenging areas of the UK Central North Sea, significantly de-risking field development and near-field exploration.

Using CGG's advanced imaging technology and well-established CNS expertise, the 2020 phase provides a step-change in image quality for targets as a result of long-offset, full-azimuth coverage, and good low-frequency signal.

Highlights

- Survey specifically designed to address the challenges associated with deeper, complex Jurassic and Triassic plays, typically under high-pressure high-temperature (HPHT) conditions, and the complicated structures associated with Permian salt movements

- High-fidelity broadband and QI-compliant processing, featuring advanced demultiple, TL-FWI model building, and high-resolution Q imaging

- Well-sampled PS data

- Full PS processing sequence, which includes SWI and RTM imaging
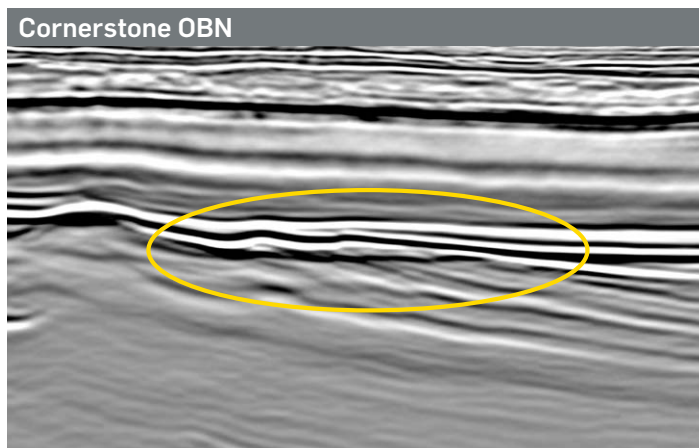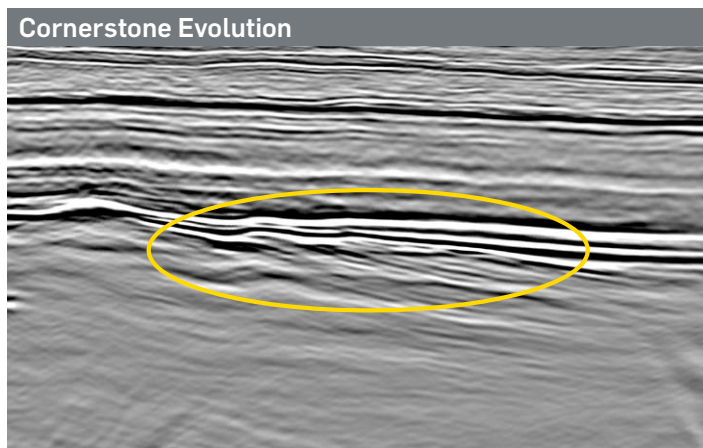

De-risk exploration in the CNS with our latest OBN 3D data set.

Acquisition parameters

- Receiver array – 100 x 300 m
- Node type – Z700
- Triple source
- Source grid – 50x50 m
- Sail line interval – 100 m
- Minimum crossline offset – 5 km

Deliverables

Full list available upon request

Cornerstone Evolution

Cornerstone OBN

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magseis fairfield   **CGG**

22FY-MC-193-V1

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