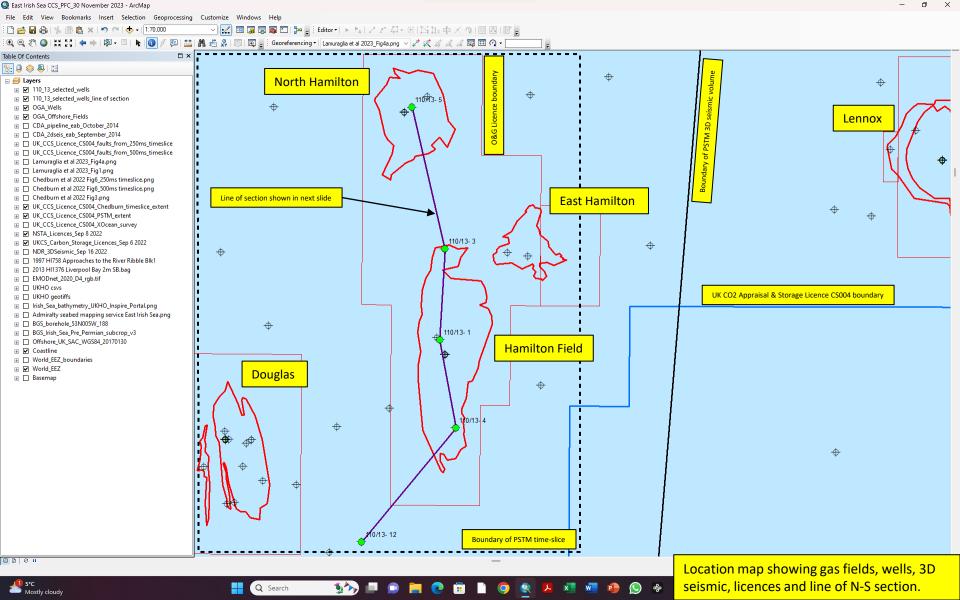
Some observations on the proposed use of the Hamilton Field, East Irish Sea, as a future carbon dioxide storage facility

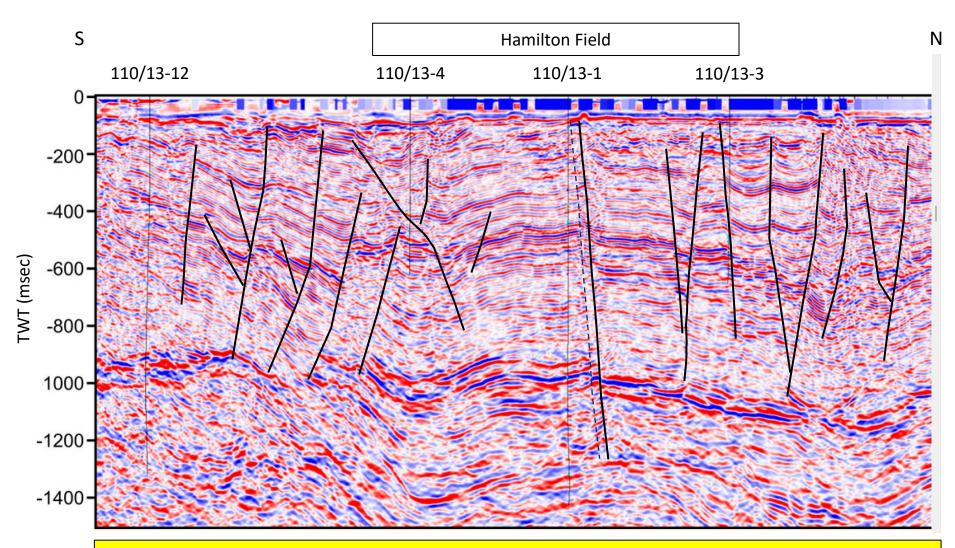
Peter Croker, The M Horizon (UK) Limited, November 2023

References

Chedburn et al (2022) The critical evaluation of carbon dioxide subsurface storage sites: Geological challenges in the depleted fields of Liverpool Bay AAPG Bulletin v. 106, no. 9, pp. 1753–1789

Lamuraglia et al (2023) Unmanned Mapping of Ultra-Shallow Water Environment in the framework of CCS Project in Liverpool Bay. Second EAGE Seabed Seismic Today Workshop, 18-20 September 2023, Milan, Italy (expanded abstract)



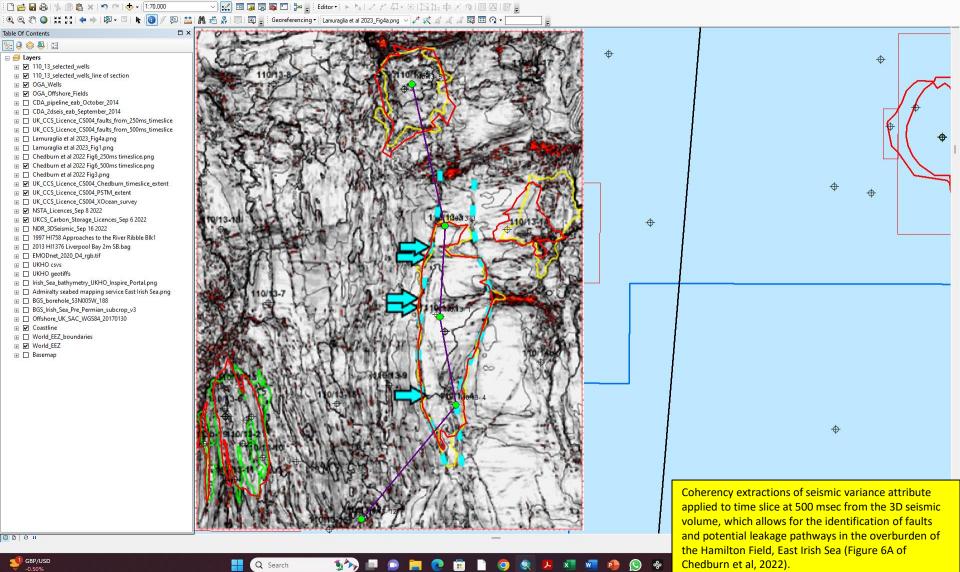


North-south seismic line with fault interpretation across the Hamilton Field from the prestack time migration seismic volume. Note fault (zone) interpreted just north of 110/13-1 well and possible associated seabed anomaly. Seismic section from Chedburn et al (2002).

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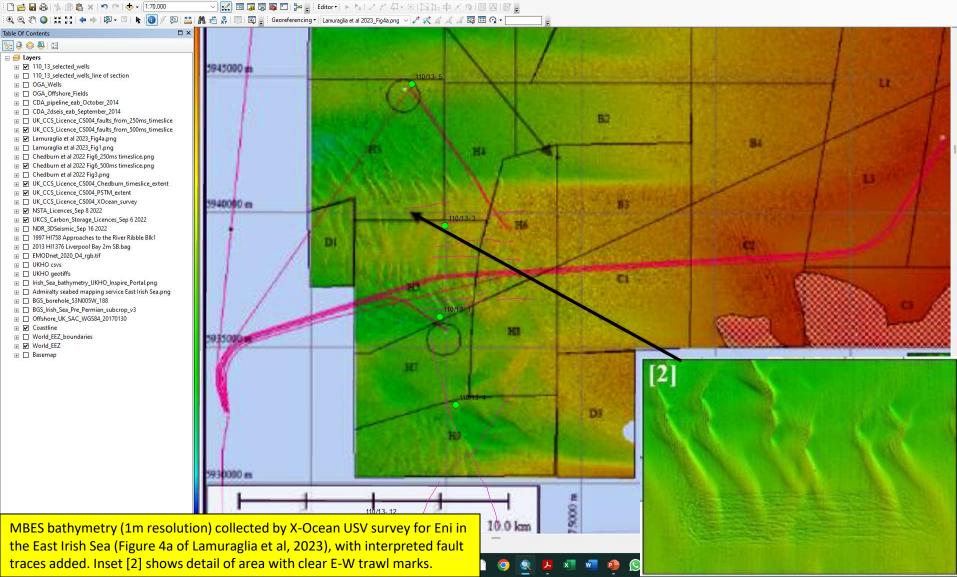


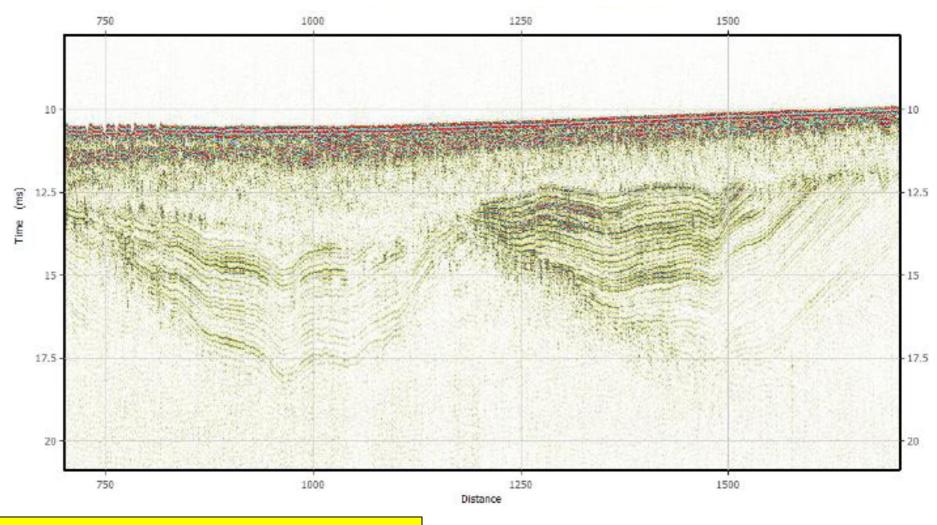
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Example of Sub-Bottom Profiler data acquired with Eni MBES survey (Figure 4b of Lamuraglia et al, 2023). Note indications of shallow gas plumes and seabed pockmarks on the left-hand side of the profile.