



Norwegian Offshore Stratigraphic Lexicon (NORLEX)

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The Norwegian Offshore Stratigraphic Lexicon (NORLEX) provides a relational stratigraphic database for the North Sea, Norwegian Sea, Barents Sea and Svalbard. Both regional lithostratigraphy and biostratigraphy are being substantially updated, following guidelines laid out in the International Stratigraphic Guide. The main body of information developed is available as a petroleum consortium (oracle-style) database, and the new lithostratigraphic definitions as a public domain (paper) document. NORLEX is presented as a browsing website via the internet at <http://www.nhm.uio.no/norlex>. Seismic cross-sections, core photographs, well logs, field outcrops, microfossil occurrences and other vital attributes are relationally cross-linked. In addition, there are menus for instantly finding updated formation and member tops or microfossil events in all wells, plus a map contouring routine for unit thicknesses and depths.

Several new initiatives will expand data and user coverage:

1. Overhaul of Mesozoic stratigraphy, especially Triassic and Cretaceous, in the Barents Sea.
2. Coverage of East Greenland
3. Linkage to UK and Belgium and The Netherlands surface and subsurface stratigraphy
4. Creation of a Sequence Stratigraphic Framework for specific regions.
5. A national microfossil atlas to support zonations
6. Tight linkage to the basin datapacks in TimeScaleCreator Pro, as developed for Australia, New Zealand, Brasil, Gulf of Mexico, Canada and Russia.

NORLEX may thus evolve to become STRATLEX, covering many basin regions.