

## **DTU18 Latoid model or Ellipsoidal Lowest Astronomical Tide for Danish waters.**

The Technical University of Denmark (DTU) Lowest Astronomical Tide model called DTU18LAT is a Vertical Offshore Reference Frame (VORF) for the Danish waters relative to the WGS84 reference ellipsoid in the tide-free system.

The DTU18LAT is derived from the satellite derived mean sea surface model DTU15MSS (no-ib version) and the FES2014b ocean tides model. The FES2014b ocean tide model has been used to derived the lowest astronomical tides through time-

DTU18LAT.gtx is a gtx file format with a resolution of 0.01 degrees equivalent to roughly 1km for the Danish waters bounded by

East: 3.0° E – 16.0° E  
North: 54.2° N – 58.8° N