Látrabjarg\_grids\_l.mat contains CTD data taken along the Látrabjarg section from various cruises in 2007-2018 (including one in 1993). The data have been gridded using Laplacian-Spline interpolation for scientific analysis. The following describes all variables within the file:

X: Distance (km), 0 is the western end of the standard Látrabjarg line.

Y: Depth (m)

the: gridded potential temperature (°C) referenced to the surface

sal: gridded practical salinity

sig: gridded potential density (kg/m3) referenced to the surface

ti\_sta and ti\_end: the start- and end-time of the occupation

cruise: the year and month of the occupation