

READ.me file to DIC data  
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Note: DIC CTD data are final, except for station 1168!!!!!!

DICrun1 and DICrun2: DIC values using a running mean over the Dickson values for the actual (3x), preceding (1x) and succeeding cell (1x). The DIC values using the running mean for the Dickson values have a better reproducibility for duplicate samples than, if we use the Dickson value for each cell.

Replicate DIC samples from the CTD:  
The average difference between duplicates from the CTD  
With running mean of Dickson value:  
mean = 2.7 umol/kg, stdev = 2.5 umol/kg, n = 18

Replicate DIC samples from the online water supply  
The absolute average difference between duplicate samples from the online water supply  
mean = 2.3 umol/kg, stdev = 1.8 umol/kg, number = 44.

Contents of files station\_DIC.xls:

- 1) Station
- 2) Cast
- 3) Niskin
- 4) Pressure (dbar)
- 5) Temperature ( C)
- 6) Salinity
- 7) DICrun1 (umol/kg)
- 8) DICrun2 (umol/kg)