**Readme file for pCO2 in marine air and in surface seawater during the MR17-05c cruise**

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File name: MR17−05c\_air and MR17−05c\_sea

For the MR17−05c\_air file,

Columns:

1) Year, Month, Day (UTC)

2) Hour, Minutes, Seconds (UTC)

3) Latitude (decimal)

4) Longitude (decimal)

5) Sea surface temperature (°C)

6) Sea surface salinity

7) Air pressure (hPa)

8) Wind direction (degree)

9) Wind speed (m s-1)

10) xCO2 in dry air (ppmv)

For the MR17−05c\_sea file,

Columns:

1) Year, Month, Day (UTC)

2) Hour, Minutes, Seconds (UTC)

3) Latitude (decimal)

4) Longitude (decimal)

5) Sea surface temperature

6) Sea surface salinity

7) Equilibrator temperature (°C)

8) Equilibrator pressure (hPa)

9) Air Pressure (hPa)

10) xCO2 in equilibrator (ppmv)

11) pCO2 in equilibrator (uatm)

12) pCO2 at SST (uatm)

13) xCO2 in dry air (ppmv)