

## **Readme file for pCO<sub>2</sub> in marine air and in surface seawater during the MR14-06 cruise**

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File name: MR14-06legx\_air and MR14-06legx\_sea, where x indicate the number of the legs. The data are saved by the csv format.

For the MR14-06leg1\_air, MR14-06leg2+3\_air files,

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<sup>-1</sup>)
- 10) xCO<sub>2</sub> in dry air (ppmv)

For the MR14-06leg1\_sea, MR14-06leg2+3\_sea files,

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)  $x_{\text{CO}_2}$  in equilibrator (ppmv)
- 11)  $p_{\text{CO}_2}$  in equilibrator (uatm)
- 12)  $p_{\text{CO}_2}$  at SST (uatm)
- 13)  $x_{\text{CO}_2}$  in dry air (ppmv)