**Release notes of Version 2 of the Surface Ocean CO2 Atlas (SOCAT)**

Known data issues:

15/ 07/2013:

Six months of Hawaii mooring fCO2 data from 2006 have recently been identified as suspect in SOCAT version 2. The fCO2\_SW\_sat data appear to be ~30 µatm too high. These data will be corrected or flagged bad in SOCAT version 3.

This affects these data:

fCO2 recomputed (recalculated fCO2 in SOCAT version 2) (µatm)

xCO2\_SW\_wet [umol/mol] - mol-fraction of CO2 in sea water in wet gas

xCO2\_SW\_dry [umol/mol] - mol-fraction of CO2 in sea water in dry gas

fCO2\_SW\_sat [uatm] - Fugacity of CO2 in sea water

PI: Christopher Sabine

Expocode : 316420060219

Cruise Name : MOSEAN\_158W\_23N\_Feb2

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Start Date : 19/02/2006

End Date : 08/06/2006

Latitude : +22.73°N

Longitude : 158.11°W