Supplement of

Temporal changes in surface partial pressure of carbon dioxide and carbonate saturation state in the eastern equatorial Indian Ocean during the 1962–2012 period

L. Xue et al.

Correspondence to: L. Xue (xueliang@fio.org.cn)
Fig. s1. Comparison of sea surface $p$CO$_2$ measured by the HydroCO$_2$ sensor and the Apollo CO$_2$ system, respectively. This comparison was conducted on 17 April 2012.
Fig. s2. Comparison of atmospheric CO$_2$ concentrations in Bukit Kototabang, Indonesia (BKT, 0.20° S, 100.32° E), Mahe Island, Seychelles (SEY, 4.68° S, 55.53° E), Christmas Island (CHR, 1.70° N, 157.15° W) and in Mauna Loa, Hawaii (MLO, 19.54° N, 155.58° W) during April of 2004-2010. BKT and SEY are located in the equatorial Indian Ocean, whereas CHR in the equatorial Pacific.
Fig. s3. Annual cycle of sea surface temperature (a), salinity (b), and $p$CO$_2$ (c) in the study area calculated by Takahashi et al. (2009).