4. Results of field experiments of prototype vehicle for practical use

Although the control program of the vehicle has not yet been completed, the operation test of the actuators was carried out in Kagoshima Bay in March, 2012. In Fig. 7, the blue balloons show the surfacing positions of the vehicle when the experiment was carried out at a 50m-seadepth, and the red balloon shows the surfacing position when the experiment was carried out at a 100m-seadepth. Although the repetition of submerging and surfacing was impossible at the 100m-depth sea because of a restriction on the experimental time given by the ship, stable surfacing was observed.

References