



*Geophysical Research Letters*

Supporting Information for

**Temporal change of km-scale underwater sound speed structure and GNSS-A positioning accuracy**

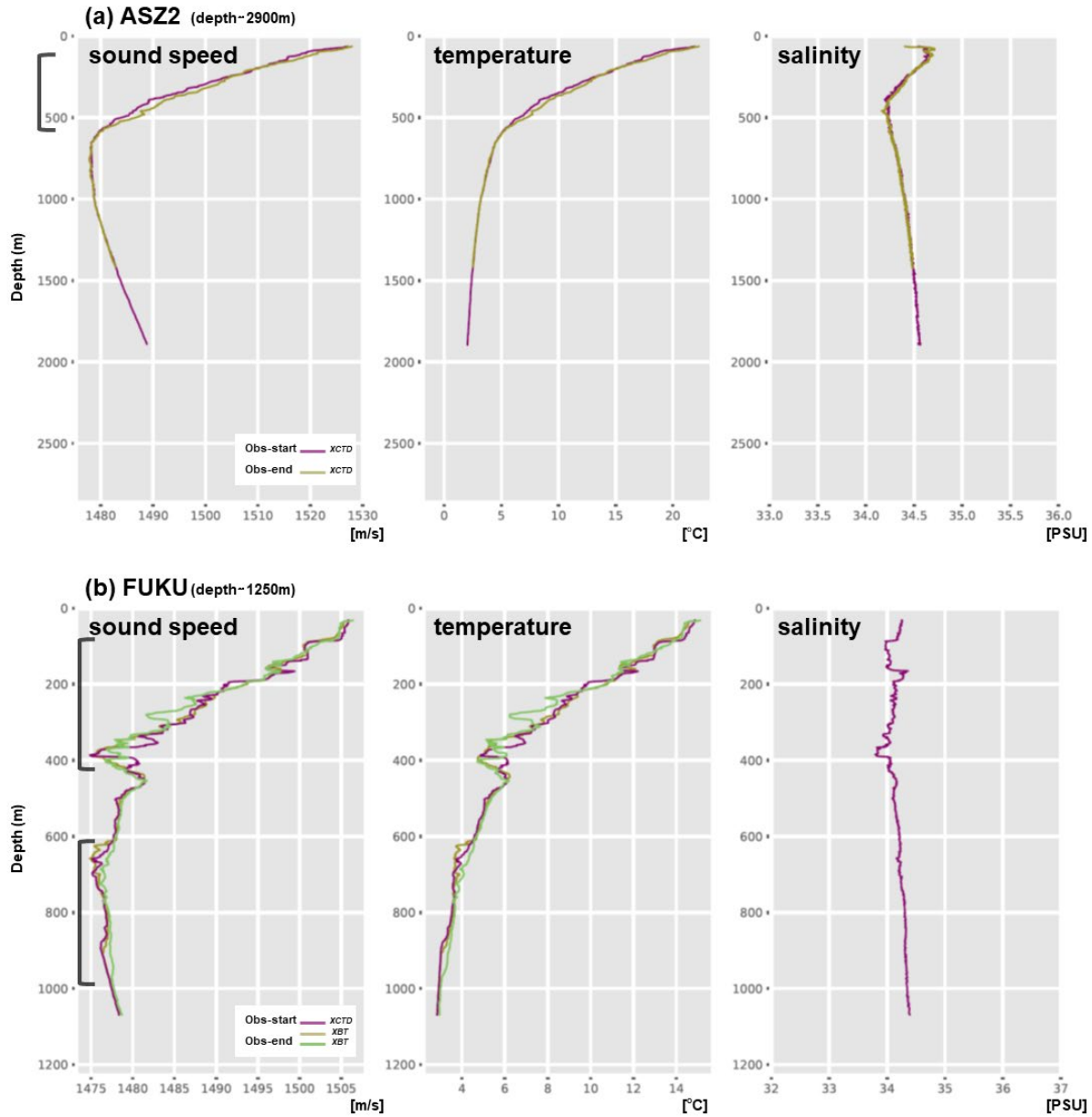
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Figure S1



**Figure S1.** Sound speed, temperature, and salinity profile observation results on (a) 2017-Jul at ASZ2 and (b) 2017-Dec at FUKU. Differences were measured by observing multiple times (colored lines) during each observation epoch and were observed at depths of (a) 100–600 m and (b) 100–400 m and 600–1000 m, respectively (indicated by black brackets). These were monitored by expendable bathythermographs (XBT) and expendable conductivity temperature depth (XCTD) profilers. Salinity was only monitored by XCTD.