



Plate 4. Examples of inertial events at mooring S1 contain an apparently locally generated oscillation beginning on day 199. The phase of the velocity in the cross strait direction propagates upward while the group velocity propagates downward. Another larger event begins on day 202. The stick plots in the lower panel indicate the velocity as a function of depth (red near surface, green near the middle, and blue near bottom). The event contains a strong along-strait surface current at day 202, hour 9. As the surface current turns toward away from the Korea coast on day 202 hour 15, a strong coastward underflow develops by day 202, hour 18. The bottom flow develops over a time period much shorter than that required for the group velocity to propagate to the bottom.