## Observation by SuperDARN Hokkaido East radar of a possible SC-triggered wave event including FLR

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In the sea/ground backscattered data obtained by the SuperDARN Hokkaido East radar, we have found a relatively short-lived (lasting for about an hour) wave event which could be classified as a different type from the typical long-lasting (several hours) waves frequently observed in the sea/ground backscattered data of SuperDARN radars. Our wave event is likely to have been triggered by an SC which took place around 09:50UT on Aug 19, 2009. The event also included an interval during which the wave amplitude and phase showed the typical pattern of the Field-Line Resonance (FLR); this is the first time this pattern has been identified in the sea/ground backscattered data of the SuperDARN Hokkaido East radar.