Earthquake-Related ULF Geomagnetic Measurement at RIKEN / NASDA

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RIKEN IFREQ and NASDA IFRS promote ULF geomagnetic measurements to clarify the relationship between the ULF magnetic anomaly and corresponding earthquake. As for some earthquakes such as Kagoshima EQs (M6.5 and M6.3) in 1997, Iwate EQ (M6.1) in 1998, Izu EQ swarm in 1998, EQ near Matsushiro station (M4.5) in 1999, and Biak EQ (Mw8.2) 1996, each polarization level (Sz/SH) increased about a few weeks or months before the EQs and after some months of EQs, the level was recovered to the ordinary levels. Those changes are highly suggestive of EQ-related ULF magnetic anomalies.